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CRITERION: 3.2.2

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CRITERION: 3.2.2

Department of Civil Engineering

Academic year	Details of the event	Page No.
2020-21	International Webinar on “Navigating Environmental Management in the construction”	3
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2019-20	Project Expo-2020	11
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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/ODD
INTERNATIONAL WEBINAR REPORT

17/07/2020

You Tube Live Stream: <https://youtu.be/ZiDHcKgrIZ8>

Background & Objective

Department of Civil Engineering had organized an International webinar for the students and faculties. The purpose of this Webinar is to equip the students in Environmental Engineering.

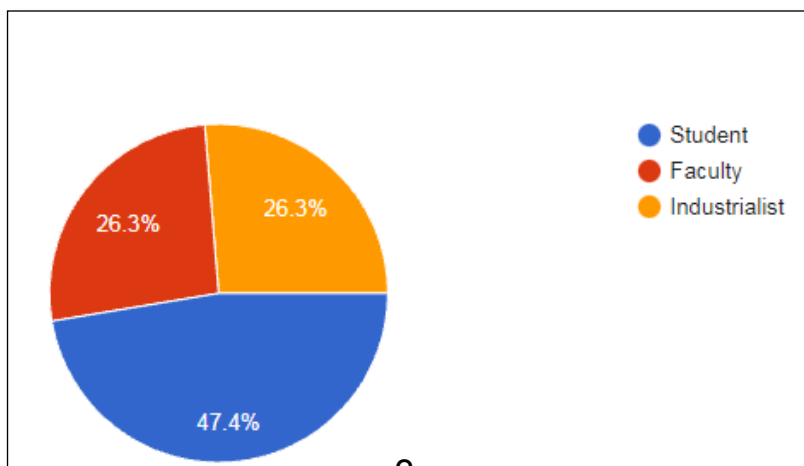
Webinar Session

An International Webinar was organized by the Department of Civil Engineering on 16th July, 2020 at 04:00PM. The webinar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. Mr.R.Elwin Guru Chanth, Coordinator of this Webinar delivered the welcome address and introduced our Beloved Chief Guest.

Er.A.Mohamed Mansoor, Environmental Engineer delivered his webinar talk on “**Navigating Environmental Management in the construction**”. 132 Students were eagerly participated in the live webinar.

Outcome

The Seminar clearly highlighted the Environmental Management in Construction Industry, Environmental aspects and impacts, and different Environmental Plan. Students got an idea in various plans which can be implemented. Finally, students raised their questions and discussions were made. Students shared their views regarding seminar and gave their feedback.



Webinar talk by Er.A.Mohamed Mansoor



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Pondicherry, Near Thanjavur, Pudukkottai Dt - 613303

DEPARTMENT OF CIVIL ENGINEERING ORGANIZES

INTERNATIONAL WEBINAR ON
"NAVIGATING ENVIRONMENTAL MANAGEMENT IN THE CONSTRUCTION"

Er. A. MOHAMED MANSOOR, M.E.,
ENVIRONMENTAL ENGINEER,
AFCONS OVERSEAS,
SAN PEDRO, IVORY COAST.

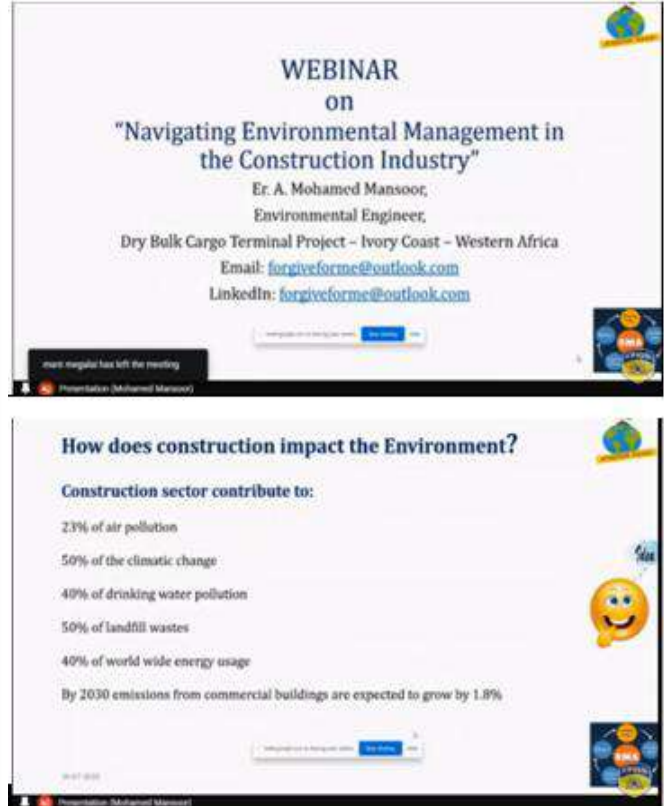
16.07.2020
4:00 PM - 5:00 PM

Registration link:
<https://forms.gle/FjDHCznj4RwssU2x9>
Google Meet link:
<https://meet.google.com/pvb-nabq-rgn>

No Registration Fee
E-certificate will be provided

Mr. R. ELWIN GURUCHANTH
COORDINATORS
Ms. V. JISHWARYA
Ms. R. REVATHI
HOD/CIVIL
Dr. J. ARIPUTHA VIJAYA SELVI
PRINCIPAL

For Queries: hodcivild@kingsindia.net



WEBINAR
on
"Navigating Environmental Management in the Construction Industry"
Er. A. Mohamed Mansoor,
Environmental Engineer,
Dry Bulk Cargo Terminal Project - Ivory Coast - Western Africa
Email: forgiveforme@outlook.com
LinkedIn: [forgiveforme@outlook.com](https://www.linkedin.com/in/forgiveforme)

How does construction impact the Environment?

Construction sector contribute to:

- 23% of air pollution
- 50% of the climatic change
- 40% of drinking water pollution
- 50% of landfill wastes
- 40% of world wide energy usage

By 2030 emissions from commercial buildings are expected to grow by 1.8%

FEEDBACK

What were your key take aways from this event?

Environmental is for all the living organisms who lives in the world. don't spoil our environment.

Its useful for our environmental engineering subject

1. Environment monetring

About environmental management in construction

Lots of information... different between the Environmental Engineering and Environmental management...and also EIA...

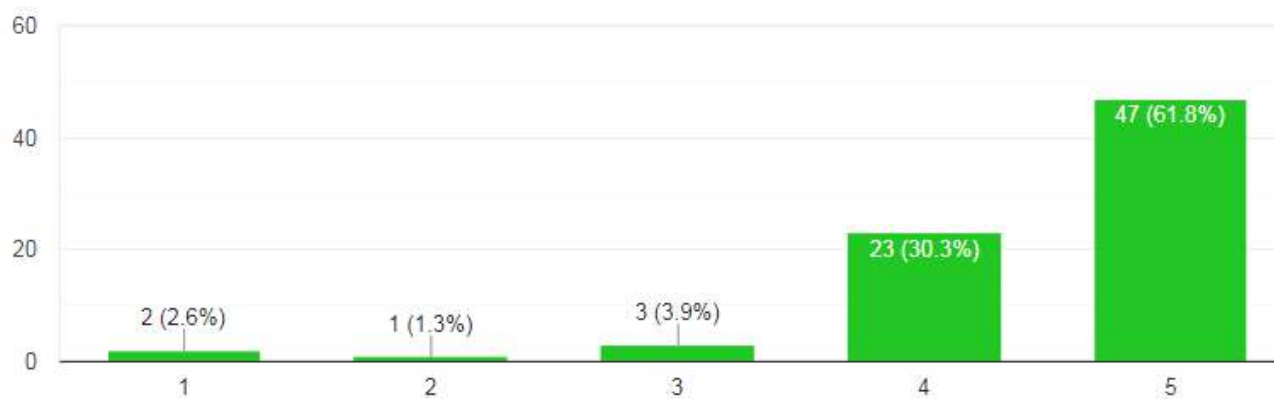
Learned a lot regarding waste management treatment methods

waste utilization

I got awareness how to navigate environment in construction industry.

How satisfied were you with the session content?

76 responses



HOD/CIVIL

PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

21/07/2020

ACADEMIC YEAR 2020-2021/ODD

ALUMNI TALK – WEBINAR REPORT

You Tube Live Stream: <https://youtu.be/ixMXeUHD8vI>

Background & Objective

Department of Civil Engineering had organized an Alumni Talk for our Students. The purpose of this Webinar is to equip the students in Transportation Engineering.

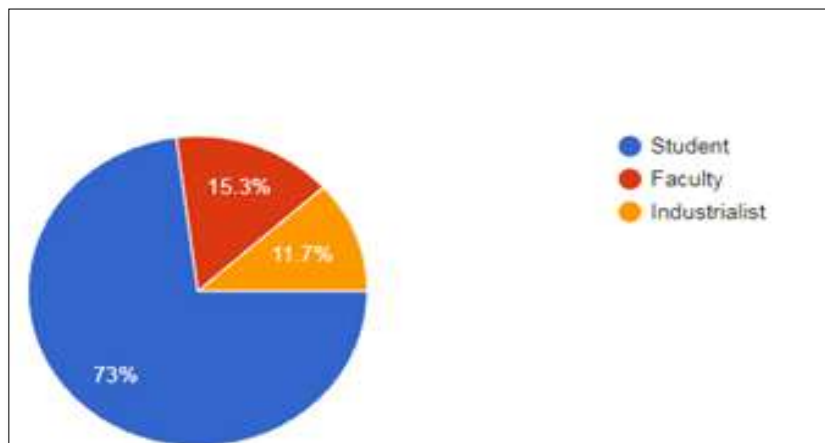
Webinar Session

A Webinar was organized by Department of Civil Engineering on 20th July, 2020 at 10:30PM. The webinar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. Mr.R.Sundharam, Coordinator of this Webinar delivered the welcome address and Ms.M.Priya, Coordinator of this Webinar introduced our Beloved Alumni.

Er.M.John Finney, Asst. Traffic Engineer delivered his Alumni talk on “**Introduction to transportation engineering with case study**”. **111** participants were eagerly participated in the live webinar.

Outcome

The Seminar clearly highlighted the Branches in Transportation Engineering, Signal Coordination, Optimistic traffic signals, TRANSYT software and so on. Students got an idea in various methods which can be implemented. Finally, students raised their questions and discussions were made. Students shared their views regarding seminar and gave their feedback.



Alumni talk by Er.M.John Finney

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**DEPARTMENT OF CIVIL ENGINEERING
ORGANIZES**

ALUMNI TALK ON
"INTRODUCTION TO TRANSPORTATION
ENGINEERING WITH A CASE STUDY"

Er.M.John Finney, M.E.,
ASST. TRAFFIC ENGINEER,
DATACORD TRAFFIC PRIVATE LTD.,
BANGLORE

20.07.2020
10:30 AM - 11:30 AM

Registration link:
<https://forms.gle/RyRom13793XFC2EA7>
Google Meet link:
<https://meet.google.com/uvj-puip-ukr>

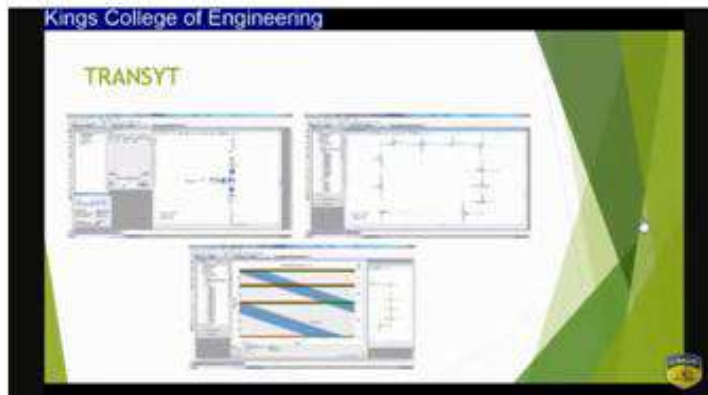
Mr.R.SUNDHARAM
COORDINATORS
Ms.M.PRIVA

Ms.R.REVATHI
HOD/CIVIL

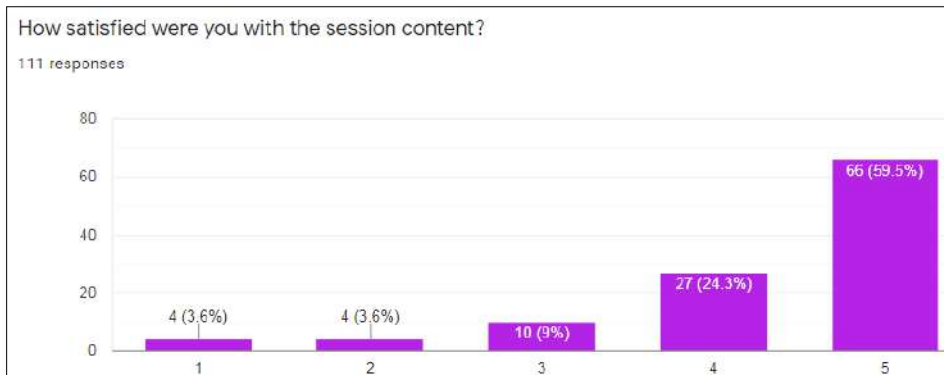
Dr.J.ARPUTHA VIJAYASELVI
PRINCIPAL

No Registration Fee

E-certificate will be provided
For Queries: hodcivil@kingsindia.net



FEEDBACK



	J	K	L	M	N	O
1	How satisfied were you with the session content?	How satisfied were you with the session content?	What were your key take aways from this event?	Any additional comments	Would you like to participate in our future webinars?	
9	5	5	Gained some knowledge about transportation.	Precise content delivery	Yes	
10	5	5	Traffic design software	Overall session is good	Yes	
11	5	5	Lot of things	Wonderful presentation	Yes	
12	4	4	Planning, Management of facilities for transportation	No	Yes	
13	4	4	Yes	No	Yes	
14	5	4	Case study was good to understand.	Good effort	No	
15	1	1	Pavement, traffic engineering	Presentation is good	Yes	
16	5	5	Alumni talk	Informative presentation	Yes	
17	5	5	Nil	Very Useful in this webinar	Yes	
18	4	4	Idea About Planning Road construction	Such a great pleasure in	Yes	
19	1	5	Important of alumni	Very nice	Yes	
20	5	5	Good	Excellent session	Yes	
21	5	5	Transport	Traffic	Yes	
22	4	4	Traffic systems	Give some more minutes	Yes	
23	4	5	Nothing	It's really good	Yes	
24	5	5	Case study was useful	Nice presentation and ca	Yes	



DEPARTMENT OF CIVIL ENGINEERING
WEBINAR REPORT – THE GIS: AN INDUSTRIAL PERSPECTIVE

DATE: 27.07.2020

BACKGROUND & OBJECTIVE:

Department of Civil Engineering, Kings College of Engineering organized a webinar “**THE GIS : AN INDUSTRIAL PERSPECTIVE**” for Faculty, Students & Industrial persons on 27.07.2020. The main objective of this webinar is to elaborate about the Geographic Information system in both academic and industrial perspective. Mr.K.Arun, AP/civil and Ms.K.Bhavarohini, AP/civil were the organizers of the webinar.

WEBINAR DETAILS:

Ms.R.Revathi, Hod/Civil delivered the welcome speech and Mr.K.Arun, AP/Civil, introduced about the chief guest. **Dr.V.Rajesh Kumar**, Chief Engineering Manager (Geospatial Technologies) L & T Construction, Chennai, is the resource person for the webinar. He delivered about the Geographic Information system and its impact in the Industrial sector. The webinar was directly live streamed in our college YOUTUBE channel. Ms.K.Bhavarohini, AP/civil proposed the vote of thanks.

OUTCOME:

An overwhelming response has been received for the webinar from various educational institutions and industrial persons. Around **256** participants attended the webinar through the YouTube streaming. The chief guest also answered the queries raised by the participants in the chat box at the end of the webinar. The participants gave very good feedback for the flawless conduct and for the chief guest presentation.

SOME GLIMPSES OF THE WEBINAR

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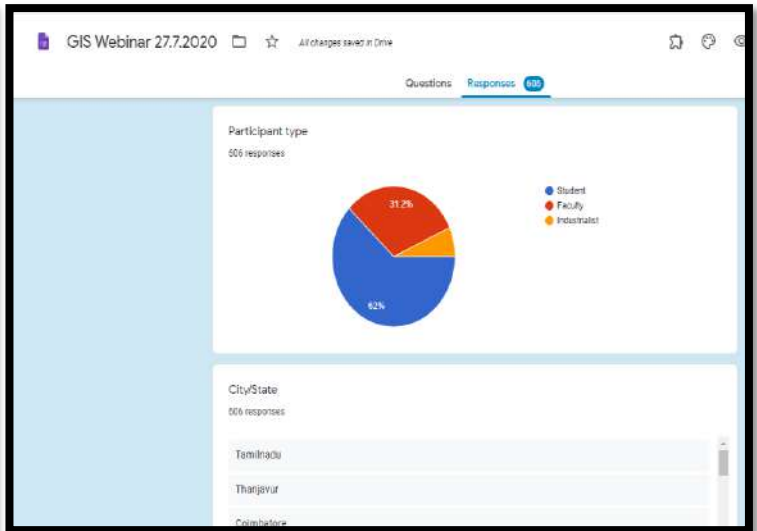
DEPARTMENT OF CIVIL ENGINEERING ORGANIZES
NATIONAL LEVEL TECHNICAL WEBINAR ON
"THE GIS : AN INDUSTRIAL PERSPECTIVE"
27.07.2020
11:00 AM - 12:00 PM

Dr. V. RAJESH KUMAR,
B.E.(Civil), M.Tech.(Rs), Phd.,
Chief Engineering Manager,
(Geospatial Technologies)
L & T Construction,
Chennai, Tamilnadu.

Mr. K. KARUN
Ms. K. BHAVAROOHINI
COORDINATORS

Ms. R. REVATHI
HOD/CIVIL

Dr. J. ARPUTHA VIJAYA SELVI
PRINCIPAL



Geospatial
THE GIS: AN INDUSTRIAL PERSPECTIVE

Presenter:
Dr. V. Rajesh Kumar
Chief Engineering Manager
HEAD - GEOSPATIAL
TECHNOLOGIES
WET IC, LAT

Agenda:
Remote Sensing and GIS
Introduction
Geospatial Technologies in
Water Industry: General
Geospatial implications in
LAT: A success story

The GIS : An Industrial Perspective
1,734 views · Streamed live on Jul 26, 2020

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CERTIFICATE OF PARTICIPATION

This is to certify that Dr/Mr/Ms _____ of _____ has attended the National Level Technical Webinar on **"THE GIS : AN INDUSTRIAL PERSPECTIVE"** presented by **Dr. V. RAJESH KUMAR, Chief Engineering Manager, Geospatial Technologies, L&T Construction, Chennai**, organized by Department of Civil Engineering, Kings College of Engineering, Punakulam, on **27.07.2020**.

Mr. KARUN
Ms. K. BHAVAROOHINI
ORGANIZER

Ms. R. REVATHI
HOD/CIVIL

Dr. J. ARPUTHA VIJAYA SELVI
PRINCIPAL

THIS IS AN ELECTRONIC GENERATED CERTIFICATE & NO AUTHORIZED SIGNATURE REQUIRED

HoD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING **REPORT – DEPARTMENT PROJECT EXPO'2020**

03.06.2020

BACKGROUND & OBJECTIVE:

Department of Civil Engineering, Kings College of Engineering organized the “**Department Project Expo'2020**” for IV year Civil Students on 03.06.2020. The main objective of this project expo is to provide a platform the students to present their 8th semester project work. Mr.K.Arun, AP/civil organized the project expo. Ms.R.Revathi, HoD/Civil & Ms.M.Priya, AP/civil were the Jury members for the project expo.

EXPO DETAILS:

11 batches participated in the Project expo. Students presented about their project through Google Meet. Each batch was given 15 minutes duration to explain their project. A Jury panel comprising of two senior faculty members evaluated the projects and gave feedback & valuable comments to the students. Based on the presentation, PPT content and outcome, marks were awarded by the Jury panel and 2 projects were selected for rewards.

S No	Batch Members	Year/ Sem	Project Title	Category
1	V.VIJAY	IV / VIII	EXPERIMENTAL INVESTIGATION ON STRENGTH & STRUCTURAL PROPERTIES OF M40 GRADE CONCRETE USING RIVER SAND, M-SAND,DUNE SAND WITH CRUSHED STONE AGGREGATE	Innovative Project
2	D.ANUSIYA R.APURVA R.MAHASRI T.NANDHINI	IV / VIII	EXPERIMENTAL INVESTIGATION OF GREY WATER FROM VERMIFILTER AND NATURE MEDIUM	Best Project

OUTCOME:

Final year students eagerly participated in the Project Expo'2020. Students gained knowledge about online presentation and got valuable feedback from the faculty members which will be very much useful for their viva voce examinations.

SOME GLIMPSES OF THE PROJECT EXPO



Questions Responses 11

DEPARTMENT PROJECT EXPO'2020
Organised by Department of Civil Engineering, Kings College of Engineering on 03.06.2020

Name:

Short answer

Short answer text

Project Expo

Questions Responses 11

11 responses

Summary Question Individual

Name: 11 responses

M.Dhileep

S.VINETHA

M.Kariganan

L.Jayaseelan, M.Mayilarsan, M.Nithish Kumar, V.Saravathi Kumar

Iydia Prathya Raj

20

Arun Kannan (You)

vijay venkadesan

Praveena Kani

sundharam KR

% OF VOIDS IN AGGREGATE
From Bulk density & Specific gravity

S.No	Spec. Grav	Manufactured sand	Stone sand	Gr. Coated sand Aggregate
Specific gravity	2.71	2.73	2.69	2.73
Void ratio = $(G_s - R) / (G_s - 1)$	47.9%	44.7%	58.9%	42.4%
R = Loose bulk density in kg/m ³				

S.r.elwinguruchanth elwinguru 2 mins
Vijay I have one question

Ranjith K 1 min
Gud morning to all

sundharam KR 1 min
What is the normal/standard slump value for M40 grade concrete?

You Now
Batch 2 be ready for your presentation
After discussions batch 2 can start





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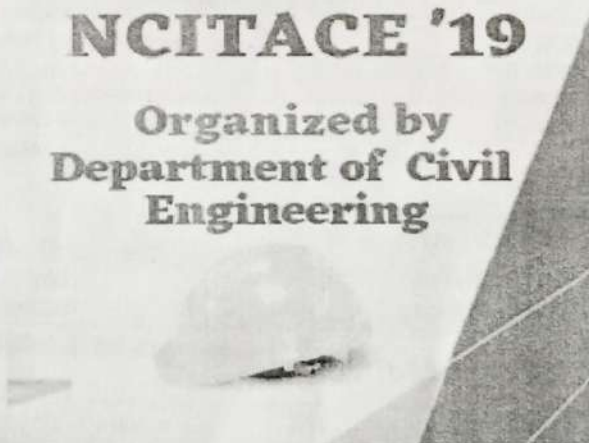
ACADEMIC YEAR : 2018-19 / EVEN SEM

**National
Conference
on
Innovative Trends
and Advances in
Civil Engineering**

16th March 2019

NCITACE '19

**Organized by
Department of Civil
Engineering**



ORGANIZING SECRETARIES

Mr. K.Arun, AP/CIVIL

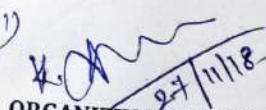
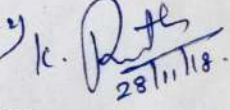
Mr. K.Ranjith, AP/CIVIL

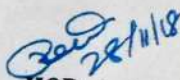


DEPARTMENT OF CIVIL ENGINEERING

NCON'19

S NO	CONTENT	DETAILS
1	Conference Title	National level Conference on Innovative Trends and Advances in Civil Engineering
2	Name of the conference chair	Mrs.R.Revathi, HOD/Civil
3	Name of the Organizing Secretary	Mr.K.Arun, AP/Civil & Mr.K.Ranjith AP/Civil
4	Themes	Innovative Trends and Advanced techniques in Civil Engineering
5	Date of submission of draft Brochure	31.01.2019
6	Details of Advisory / Technical Committee	I. Dr.G.Elangovan, Dean, UCE, Pattukkottai II. Dr.R.Manjula, AP/Civil, NIT, Trichy III. Dr.S.Senthamil Kumar, Asso. Prof, PMU, Thanjavur
7	Date of Dispatch	15.02.2019
IMPORTANT DEADLINES		
8	Last date for submission of Manuscripts	28.02.2019
	Acceptance Notification	05.03.2019
	Last date for registration	08.03.2019
9	Name of the Proposed guest	Dr.G.Elangovan, Prof & Head, Dept. of Civil Engineering, UCE, Thirukkuvalai
10	Submission of draft copy of proceedings	10.03.2019
11	Collaborations if any	NIL
12	Details of proposals to be submitted to funding agencies	The Council of Scientific and Industrial Research(CSIR) The Ministry of Environment, Forest and Climate Change (MOEF)
13	Details of sponsors if any	CADD CENTRE, Thanjavur
14	Date for Submission of post conference report	22.03.2019

 27/11/18
 28/11/18
ORGANIZING SECRETARY
 (K. ARUN) (K. RANJITH)

 28/11/18
HOD

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DEPARTMENT OF CIVIL ENGINEERING

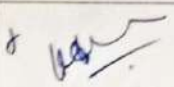

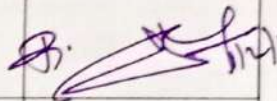

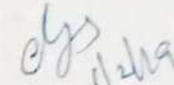
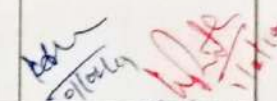
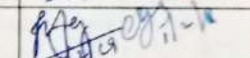
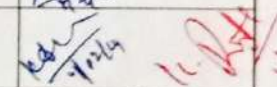
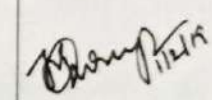
NATIONAL CONFERENCE ON INNOVATIVE TRENDS AND ADVANCES IN CIVIL ENGINEERING.

(NC-ITACE'19)

16th MARCH 2019

NCON'19 - COMMITTEE INCHARGE DETAILS

S.No	Committee Name	Responsibility	Faculty Incharge	Signature
1.	Budget & Treasurer	<ul style="list-style-type: none"> Budget preparation 	Mr. K.Arun Mr.K.Ranjith	<i>K.Arun</i> 01/02/19
2.	Sponsorship	<ul style="list-style-type: none"> Letter to other companies for sponsorship 	Mr. R.Sundharam	<i>R.</i> 11/2/19
3.	Identification of Chief Guest and Session Guest (Resource Person)	<ul style="list-style-type: none"> Identification of chief guest Identification of keynote speakers -2 Identification of judges (Internal & External) 	Mr.K.Ranjith	<i>K. Ranjith</i> 11/02/19
4.	Brochure and Banner	<ul style="list-style-type: none"> Designing brochure, Sending Brochures it to various colleges (AU-affiliated PG civil course colleges, Deemed university, polytechnics) Brochure Sending it to various colleges through mail Fixing banners at different places 	Mr. K.Arun	<i>K.Arun</i> 01/02/19
5.	Registration	<ul style="list-style-type: none"> Preparation of registration form and feedback form , Id cards, kit(bags, pens, notepad) Collection of feedback form from participants Issuing snacks/tea token for participants 	Mr. R.Sundharam	<i>R.</i> 11/2/19
6.	Certificate	<ul style="list-style-type: none"> Certificate designing and Writing 	Mr.S.R.Elwin Guru Chanth	<i>Chanth</i> 11/2/19
7.	Prize	<ul style="list-style-type: none"> Memento for chief guest External judges - mementos 	Mr. K.Arun Mr.K.Ranjith	<i>K.Arun</i> 01/02/19
8.	Paper collection	<ul style="list-style-type: none"> Creation of new mail -id Check mail regularly / daily Receiving the papers daily 	Ms.M.Priya, Ms.K.Bhavarohini	<i>M. Priya</i> 11/2/19

		<ul style="list-style-type: none"> Summary of the papers daily Splitting paper area wise Handover the paper (area wise) to scrutinizing committee Convey the selected paper to participants 		
9.	Paper Scrutinizing	<ul style="list-style-type: none"> Select good paper area wise Submit the paper rank wise to paper collection committee in every Friday 	Mr.S.Kamaraj	
10.	Review of paper	<ul style="list-style-type: none"> Collection and distribution of accepted papers to internal reviewers Collection of papers from reviewers and intimation of correction in papers to authors After correction of papers from authors to collection and submission to proceeding committee 	Ms.R.Revathi	
11.	Proceeding and CD	<ul style="list-style-type: none"> Collecting the papers from paper collection committee Aligning the papers, designing the cover page of the proceeding, preparing proceeding 	Mr. R.Sundharam	
12.	Food	<ul style="list-style-type: none"> Arrangement of lunch and dinner for guest , participants 	Mr.M.Mohamed Ilyas	
13.	Refreshment	<ul style="list-style-type: none"> Arrangement of snack(FN&AN) for chief guest , staff judges, participants & student Preparation of snack tokens Issue of tokens to registration committee for participants 	Mr.M.Mohamed Ilyas	
14.	Hospitality for chief guest	<ul style="list-style-type: none"> Receiving Chief guest Arrangement of guest house Arrangement of vehicle Arrangement of food/ snacks 	Mr. K.Arun Mr.K.Ranjith	
15.	Hospitality (Participants)	<ul style="list-style-type: none"> Hostel room & food arrangement (Male& Female) 	Mr.M.Mohamed Ilyas Ms.K.Jeyashankari	
16.	Invitations	<ul style="list-style-type: none"> Preparing Invitation and distributing to all departments, chief guest & Judges 	Mr. K.Arun Mr.K.Ranjith	
17.	Audio & Video/ Photo arrangement and publicity	<ul style="list-style-type: none"> Arrangement of audio system Arrangement of video/Photo Selected photos displaying in notice board the next day Contact PRO for publicity Arrangement of caller mike plus 2 cordless mikes 	Mr.S.R.Elwin Guru Chanth	

18.	Hall Arrangement	<ul style="list-style-type: none"> Reserving the seminar hall Arrangement of generator ,Chairs ,water, screen, LCD projector & PC 	Mr.S.R.Elwin Guru Chanth Mr.M.Mohamed Ilyas	<i>[Signature]</i> 11/12/19
19.	Decoration & Stage arrangement	<ul style="list-style-type: none"> Stage decoration Chair arrangement on stage Water bottle ,name plate, file agenda, podium with mike Decorating kuthu villaku 		
20.	Reception	<ul style="list-style-type: none"> Rangoli Reception items 	Ms.K.Jeyashankari Ms.V.Ishwarya	<i>[Signature]</i> 11/12/19
21.	Stage Management	<ul style="list-style-type: none"> Anchor , Preparation of agenda, Program schedule Session Management 	Ms.M.Priya, Ms.K.Bhavarohini	<i>[Signature]</i> 11/12/19
22.	Session Incharge	<ul style="list-style-type: none"> Introduction to key note speaker Collection of papers for the particular session. Giving the paper to the session judges Master of ceremony 	Mr. K.Arun Mr.K.Ranjith	<i>[Signature]</i> 11/12/19
23.	Transport	<ul style="list-style-type: none"> Arrangement of college bus for the participants. 	Mr.M.Mohamed Ilyas	<i>[Signature]</i> 11/12/19
24.	Water and Cleanliness	<ul style="list-style-type: none"> Providing water facilities all required places and maintaining the campus clean after the event 	Mr.S.Sowndhra Pandiyan Mr.G.Prithvi Anandh	<i>[Signature]</i> 11/12/19

[Signature]
11/12/19
HOD/CIVIL



KINGS COLLEGE OF ENGINEERING

Punalkulam, Thanjavur-613 303

Accredited by NAAC

(An ISO 9001 Certified Institution)

DEPARTMENT OF CIVIL ENGINEERING

Proudly Organizing

National Conference on

"Innovative Trends and Advances in Civil Engineering (NC-ITACE'19)"



CHIEF PATRONS

Dr.R.Rajendran

Secretary, Raj Educational Trust

Mr.T.R.S.Muthukumaar

CEO

PATRON

Dr.J. Arputha Vijaya Selvi

Principal

CO-PATRONS

Dr. S.Sivakumar

Vice Principal

CONFERENCE CHAIR

Mrs.R.Revathi

HOD/ Civil

ORGANIZING SECRETARIES

Mr.K.Arun, AP/Civil

Mr.K.Ranjith, AP/Civil

CONTACT DETAILS

Mail : nconcvil19@kingsindia.net

Cell: 9944688536, 9524514091

To

The Head of the Department,
Department of Civil Engineering

Dear Sir/Madam,

Sub: Invitation for National Conference "Innovative Trends and Advances in Civil Engineering (NC-ITACE'19)" - reg

I would like to bring to your notice that, National Conference on "Innovative Trends and Advances in Civil Engineering (NC-ITACE'19)" will be held on 16th March 2019 at our institution premises. The conference aims at bringing researchers, academicians, practicing engineers and industrialists to a common platform which provides a national forum for researchers to exchange ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in Civil Engineering.

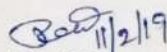
The papers are invited from UG & PG students/ researchers/ practicing engineers/ R&D Personnel. NC-ITACE'19 significantly beneficial to wide variety of academic and industrial sectors.

In essence, I sincerely feel that the participation/paper presentation on this event would provide many useful inputs for technical education, energy applications and various innovative techniques to faculty members and students. In this regard, we request you to kindly circulate the conference brochure attached herewith in your department.

I sincerely invite the faculty members and students from your precious institution to this conference.

Thanking you,

Yours sincerely,



Mrs.R.Revathi
(CONFERENCE CHAIR)

Chief Patron

Dr.R.Rajendran
Secretary

Mr. T.R.S. Muthukumaar
CEO

Patron

Dr. J.Arputha Vijaya Selvi
Principal

Co-Patron

Dr. S. Sivakumar
Vice Principal

Conference Chair

Mrs.R.Revathi
HOD / CIVIL

Organizing Secretaries

Mr. K.Arun
AP/CIVIL
Mr. K.Ranjith
AP/CIVIL

Important Dates :

LAST DATE FOR MANUSCRIPT : 28/02/2019
ACCEPTANCE NOTIFICATION : 05/03/2019
LAST DATE FOR REGISTRATION : 08/03/2019
CONFERENCE DATE : 16/03/2019

Registration Fee :

UG STUDENTS / PG STUDENTS : RS. 300/-
FACULTY / RESEARCH SCHOLARS : RS. 500/-
INDUSTRIALIST : RS. 1000/-

Contact Us :

ORGANIZING SECRETARIES
DEPARTMENT OF CIVIL ENGINEERING
KINGS COLLEGE OF ENGINEERING,
PUNALKULAM,
THANJAVUR - 613 303, TAMIL NADU, INDIA

E-mail: nconcivil19@kingsindia.net
Phone: +91-9944688536, 9524514091



A NAAC ACCREDITED INSTITUTION

KINGS**COLLEGE OF ENGINEERING**

Recognised by UGC 2(f) & 12(B)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

National Conference on

Innovative Trends and Advances in Civil Engineering

16th March 2019

NCITACE '19

**Organized by
Department of Civil
Engineering**



About the Institution :

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. The Institution was established in the year 2001 on sprawling campus of around 60 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The Institution offers Five UG and four PG programmes and certified with ISO 9001 :2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

About the Department:

The Department of Civil Engineering was established in the year 2010, offering UG programme. It is well equipped with research laboratories and has dedicated staff members. The faculty members of the department have strong research experience in various fields of Structural, Soil Mechanics, Foundation Engineering, Environmental Engineering, Architecture, Surveying and Remote Sensing & GIS.



The Civil Engineering Association organises various activities and events to unfold the prospects of Civil Engineering in the present day world. The department has been engaged in various activities involving industry - institute interaction, research and development, development of students and services to society etc.

About the Conference:

The Conference aims to provide a platform for academicians, researchers, scientists, industry experts and architects to exchange the ideas on the latest advances in Civil Engineering. The conference focuses on collaborative R & D works and new projects with the end result of sharing knowledge among the participants.

Conference Theme :

- Innovative Trends in Civil Engineering
- Advances in Civil Engineering
- Advanced Concrete Technologies
- Structural Engineering
- Transport and Traffic Modelling
- GIS and Remote Sensing
- Water Resource Engineering
- Environmental Engineering
- Construction Management
- Geotechnical Engineering
- Advanced Surveying

Journal Publication:

Full paper not exceeding 5 pages should be submitted in IEEE format. Selected papers will be published in peer reviewed journals at additional cost based on the interest of the author.

Advisory Committee :

Prof. G.Elangovan, UCE, Thirukkuvilai

Prof. K.Manjula, NIT, Trichy

Prof. G.Venkatesan, BIT, Trichy

Prof. G.Senthil Kumar, Annamalai University

Prof. R.Sivakumar, EGS Pillai, Nagai

Prof. S.Senthamil Kumar, PMU, Thanjavur

Prof. S.Vijaya Bhaskar, Saranathan College of Engg., Trichy

Prof. S.Senthamilan, ACTECH, Karaikudi

Technical Committee :

Prof.K.Bhaskar, NIT, Trichy

Prof. R.Selvaraj, Senior Principal Scientist, CSIR - CECRI

Prof. G.Elangovan, Univeristy College of Engineering, Pattukkottai

Prof. S.Saranathan, SASTRA University, Thanjavur

Prof. R.Saravanan, MIET, Trichy

Prof. P.Ellis Yogesh, EGS Pillai, Nagai

Prof. V.A.Shanmugavelu, PMU, Thanjavur



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(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO ANNA UNIVERSITY CHENNAI)

DEPARTMENT OF CIVIL ENGINEERING

Proudly Presents

National Conference on **INNOVATIVE TRENDS AND ADVANCES IN CIVIL ENGINEERING**

16.03.2019

Dr.R.RAJENDRAN

Secretary , Raj Educational Trust
has kindly consented to deliver inaugural address

Dr.J.ARPUTHA VIJAYA SELVI

Principal, Kings College of Engineering
has kindly consented to deliver presidential address

Dr.K.BASKAR

HoD/Civil, NIT Trichy
has kindly consented to deliver keynote address

VENUE:

CHERA HALL

TIME:

10:00 AM

CONFERENCE CHAIR

Mrs.R.REVATHI
HoD/CIVIL

ORGANIZING SECRETARY

Mr.K.ARUN, AP/CIVIL
Mr.K.RANJITH, AP/CIVIL



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KINGS
COLLEGE OF ENGINEERING



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(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that **Dr./Mr./Ms.** of
..... has presented a
paper entitled
..... in
**"National Conference on Innovative Trends and Advances in
Civil Engineering, NC-ITACE'19"** Organized by Department of Civil
Engineering, Kings College of Engineering, Punalkulam, Pudukkottai
on 16.03.2019

ORGANIZER

HOD

PRINCIPAL



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by: AICTE, New Delhi; Affiliated to
Anna University, Chennai)



DEPARTMENT OF CIVIL ENGINEERING
NATIONAL CONFERENCE ON INNOVATIVE TRENDS AND ADVANCES IN CIVIL ENGINEERING
(NC-ITACE'19)

AGENDA

VENUE : CHERA HALL

DATE : 16th March, 2019

Session I : INAUGURATION			
TIMING	ACTIVITY	DESIGNATION	NAME
10:00 am	Prayer Song		
10:05 am	Welcome Address	Organizing Secretary	Mr.K.Ranjith
10:10 am	Lighting the Lamp	Dignitaries	
10:15 am	Theme of the Conference	Conference Chair	Mrs.R.Revathi
10:20 am	Introduction about the Guest	Organizing Secretary	Mr.K.Arun
10:25 am	Honoring the Guest	Vice Principal	Dr.S.Sivakumar
10:30 am	Presidential Address	Principal	Dr.J.Arputha Vijaya Selvi
10:35 am	Keynote Address	Chief Guest	Dr.K.Baskar
10:45 am	Release of Conference Proceedings	Principal	Dr.J.Arputha Vijaya Selvi
	Received By	Chief Guest	Dr.K.Baskar
10:45 am - 11:00 am	High Tea		
Session II : PRESENTATION			
11:00 am - 01:00 pm			
01:00 am - 02:00 pm	Lunch		
Session III : PRESENTATION			
02:00 am - 03:30 pm			
03:30 pm - 03:45 pm	Break		
Session IV : VALEDICTORY CEREMONY			
03:45 pm	Certificate Distribution	Conference Chair	Mrs.R.Revathi
04:10 pm	Vote of Thanks	Organizing Secretary	Mr.K.Ranjith
04:15 pm	National Anthem		

DEPARTMENT OF CIVIL ENGINEERING
NATIONAL LEVEL CONFERENCE ON INNOVATIVE TRENDS AND ADVANCES IN CIVIL ENGINEERING
(NC- ITACE'19)
16th March, 2019

Budget Details of NC- ITACE'19

S.No.	INCOME PARTICULARS (Rs.)	
1.	Registration – 50 * 300	15000
2.	Other sponsorships	
	CADD CENTRE Nallaiyah complex -near railway station, thanjavur, CARL MARX Complex - near new bustand,Thanjavur	Note pad
	ELMECH ENGINEERS No.8, II Floor,27,Dhadha Sahib Complex, Thanjavur Main road, Thiruverumbur, Trichy - 620 013	2000
	KALVI INSTITUTE Near Nalliah Complex Thanjavur	Flex Print
Total Income		17000

S.No.	EXPENDITURE PARTICULARS (Rs.)	
1.	Brochure Printing	2500
2.	Brochure Cover and postal charge	500
3.	Invitation & Certificate Printing	1200
4.	Proceedings & Id Cards Printing	1500
5.	Proceedings CD Sticker & Pouch	600
6.	Chief Guest – Honorarium	5000
7.	Lunch , Tea , <i>Snacks</i>	4000
8.	Chief Guest Lunch,Snacks,Sweets	500
9.	Stationeries	1500
Total Expenditure		17,300



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KINGS

COLLEGE OF ENGINEERING

RECOGNIZED BY UGC 2(F) & 12(B)

APPROVED BY AICTE, NEW DELHI & AFFILIATED TO ANNA UNIVERSITY CHENNAI

**National Conference on
INNOVATIVE TRENDS AND
ADVANCES IN CIVIL
ENGINEERING
(NC-ITACE'19)**

16.03.2019

PROCEEDINGS

**ORGANIZED BY
Department of Civil
Engineering**



DEPARTMENT OF CIVIL ENGINEERING

NATIONAL CONFERENCE ON INNOVATIVE TRENDS AND ADVANCES IN CIVIL ENGINEERING (NC-ITACE'19)- 16th MARCH 2019

Venue: CHERA HALL, Kings College of Engineering

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day National level Conference titled **NC-ITACE** on **16th March 2019**.

The conference emphasizes on recent innovations in various Fields/disciplines of Civil Engineering as listed below.

- Innovative Trends in Civil Engineering
- Advances in Civil Engineering
- Advanced Concrete Technologies
- Structural Engineering
- Transport and Traffic Modelling
- GIS and Remote Sensing
- Water Resource Engineering
- Environmental Engineering
- Construction Management
- Geotechnical Engineering
- Advanced Surveying

This conference provides opportunities for academicians and participants to exchange new ideas and uphold experiences face to face, to establish constructions or research relations and to find global partners for future collaboration. The major goal and feature of this conference is to bring academicians, research scholars, engineers, industry researchers together to exchange and share their experiences and discuss the practical challenges encountered and the solutions adopted. Academicians from different areas are invited to deliver their views regarding latest information in their respective expertise areas.

INAUGURAL SESSION

The Conference was inaugurated by the Chief Guest Dr.K.BASKAR, Professor & Head, Department of Civil Engineering, NIT, Trichy. As every function starts in a auspicious way, the conference was inaugurated with the prayer song. Our vice Principal Dr.S.Sivakumar, also graced the inaugural session.



Inaugural Session

WELCOME ADDRESS

The welcome address was given by Mr.K.Ranjith, Organizing Secretary of NC-ITACE'19. He welcomed the Dignitaries on the dais, faculty members and the students from various educational Institutions across the state. He also added that, he is very much delighted to see more external participants from various reputed colleges. Then the dignitaries were requested to light the lamp in order to begin the function in an auspicious manner.



Welcome Address



Lighting the Lamp

HONOURING SESSION

The chief guest was felicitated with shawl by Prof.Dr.S.Sivakumar,Vice Principal and memento as sign of remembrance by Mrs.R.Revathi, HOD/Civil.



Dr.K.Baskar felicitated by our vice Principal, Dr.S.Sivakumar

CONFERENCE THEME & CHIEF GUEST INTRODUCTION

Mrs.R.Revathi, HOD/Civil & Convenor of NC-ITACE'19 portrayed the conference theme in a detailed manner. She also applauded the academicians and participants from various institutions for their positive response to this conference. Then the Chief Guest was introduced by Mr.K.Arun, Organizing Secretary of NC-ITACE'19. He elaborated the qualification and work experience of the chief guest. He also detailed about his conference publications and various responsibilities held by the chief guest.



Conference Theme by Mrs.R.Revathi, HOD/CIVIL



Introduction of Chief Guest

PRESIDENTIAL ADDRESS & KEYNOTE ADDRESS

Dr.S.Sivakumar, Vice Principal of our college delivered the Presidential address. He highlighted the importance of Civil Engineering and the need for Civil Engineers in the near future. He also briefed a few points about various alternative trends in Construction industry. Mr.K.Baskar, Professor & Head, Department of Civil Engineering, NIT, Trichy graced the occasion as chief guest and delivered the keynote address. In his address, he lauded the Management and the academic administration of the institute for hosting a National Conference every year. He insisted that the opportunity is in every hand, the students have to make use of those various opportunities for their career. It was educative experience which offered the audience a rare opportunity to get a glimpse on the key note topics.



Presidential address by Vice Principal Dr.S.Sivakumar



Keynote address by Dr.K.Baskar, NIT, Trichy

RELEASE OF PROCEEDINGS

The Conference Proceedings was released by Dr.S.Sivakumar, Vice Principal of our college and received by the chief guest Mr.K.Baskar, Professor & Head, Department of Civil Engineering, NIT, Trichy and jointly felicitated by all the members present on the dais.



Proceedings was released by Vice Principal and received by the Chief Guest

TECHNICAL SESSION

The technical session started in an impressive manner, where participants eagerly presented their papers in various domains. The selected papers will be published in the journal **IJARBEST**.



Technical Session - Student Presentation

PARTICIPANT DETAILS:

TOTAL PAPERS- 51

EXTERNAL - 45

INTERNAL- 6

EXTERNAL PARTICIPANTS- 110

INTERNAL PARTICIPANTS- 30

VALEDICTORY SESSION

The valedictory session was conducted in the evening. The session started with certificate distribution and event feedback. The Conference ended with a vote of Thanks delivered by Selvan.S.Vasanth, of Final Year Civil Engineering who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students. He also appreciated the students for their passionate efforts with which they carried out the difficult task of making the Conference a grand success.



SOME CHERISHING MOMENTS....



CONFERENCE COORDINATOR

HOD/CIVIL

VP

PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2018 -2019) / Batch 2015-2019

PROJECT EXPO 2K19

25.03.2019

REPORT

- Project Expo for Final year civil students was conducted on 22.03.2019 for both the sections.
- The students presented about their Project in the form of Posters & Charts and displayed their sample specimens.
- Each batch was given 10 minutes duration to explain their project. Students explained their projects well & show caused their works in a better manner.
- A Jury panel comprising of two faculty members evaluated the projects and gave feedback and giving valuable comments about the projects.

JURY MEMBERS:

1) Mrs.R.Revathi, HOD/CIVIL & 2) Mr.S.Kamaraj, AP/CIVIL

S No	Batch Members	Year/ Sec	Project Title	Category
1	J.AKILAN S.AMAR SELVAN J.HARI HARAN RAGUL.V	IV / A	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF CEMENT USING MEDICAL WASTE ASH	Innovative Project
2	K.ABARNA A.AISWARYA V.ANU RUTHRA ATCHAYA.A	IV / A	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COCONUT FIBRES AND SEA SHELL IN ROOFING TILES	Best Project

S No	Batch Members	Year/ Sec	Project Title	Category
1	PAVITHRA.K RANJITHA.K RASIKA.K VINOTHA.S	IV / B	EXPERIMENTAL INVESTIGATION ON CARBON NANOTUBE CONCRETE	Innovative Project
2	SUGAPRIYA.B SUVETHA.P.S TAMIL ELAKKIYA.R VINOLIYA.P	IV / B	EXPERIMENTAL REPORT ON FLEXIBLE PAVEMENT BY USING HYDROPHOBIC SILICA, ZEOLITE AND STEEL MESH	Best Project



Students presentation during Project Expo 2K19

PROJECT COORDINATOR

HOD

VP

PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2017 -2018) / Batch 2014-2018

PROJECT EXPO

22.03.2018

REPORT

- Project Expo for Final year civil students was conducted on 16.03.2018 for both the sections.
- The students presented about their Project in the form of Posters & Charts and displayed their sample specimens.
- Each batch was given 10 minutes duration to explain their project. Students explained their projects well & show caused their works in a better manner.
- A Jury panel comprising of two faculty members has been nominated by our HOD for Evaluation, feedbacks and giving valuable comments about the projects

JURY MEMBERS:

1) Mrs.R.Revathi & 2) Mr.G.Venkatesan

S No	Batch Members	Year/ Sec	Project Title	Position
1	A.Anand, R.Balakumaran, C.Harihara sudhan, P.Manikandan	IV / A	Utilization of waste plastic in manufacturing of sand plastic brick	I
2	L.Bharathi, A.Durgadevi, D.Kavipriya	IV / A	Experimental study on the partial replacement of coarse aggregate by cocunut shell and with additional of chicken feather in concrete	II

S No	Batch Members	Year/ Sec	Project Title	Position
1	M.P.Salai Maninagudam	IV / B	Design and Experimental optimisation of dynamic building skin by BIM	I
2	S.Karthik, K.Saravanan, A.Ajith, M.Ranjith Kumar	IV / B	Experimental investigation on concrete by partial replacement of cement by using GGBFS and added with humar hair	II



Students presentation during Project Expo

PROJECT COORDINATOR

HOD

VICE PRINCIPAL

PRINCIPAL

03.08.2016

From

Mr.A.Mohamed Mansoor,
Assistant Professor,
Kings College of Engineering,
Thanjavur.

To

The Principal,
Kings College of Engineering,
Thanjavur.

Handwritten signature in blue ink, possibly "A.M. Mansoor".

Respected sir,

Sub: Requisition for organizing the workshop – Reg,

We have planned to conduct a workshop on 17.08.2016 under IEI student chapter in the topic of "**ADVANCEMENT OF GEO-TECHNICAL ENGINEERING**". In this regard, we feel happy to invite the resource person "**Mr. Vijayabhaskar – Assistant Professor – Higher College of Engineering – Muskat - Oman**". I request you to permit us to have his presence and to conduct the Work Shop in our college.

Thanking You,

Enclosure: Profile of Recourse Person.

Yours sincerely

A.M. Mansoor
03/05/16
(A.MOHAMED MANSOOR)

Submitted to the Principal

R. Saravanan
02/08/16
HOD/CIVIL

Handwritten signature in blue ink, possibly "R. Saravanan".



DEPARTMENT OF CIVIL ENGINEERING

Requisition to Chief Guest For One Day National Level Workshop on Advancement in Geo-Technical Engineering

Requisition for accepting our invitation to Preside over the workshop - Reg.



Mohamed Mansoor <96mansur@gmail.com>

Aug 11 (6 days ago)

to S

Sir as i requested you to give your willingness in presiding the workshop on advancement in Geo-technical Engineering. I feel happy to have your presence in our college on 17.08.2016. Looking for your positive reply sir

With Regards

A.Mohamed Mansoor



Vijayabaskaran S

Aug 11 (6 days ago)

to me

Dear mansoor
i accept your invitation as a token of my gratitude. kindly mail me the program timings
with regards
vijayabaskaran



[Click here to Reply or Forward](#)

A. D. N. Jayal
17/08/16
WORKSHOP COORDINATOR

[Signature]
17/8/16
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2016-2017) / ODD SEMESTER
ONE DAY NATIONAL LEVEL WORKSHOP ON ADVANCEMENT IN
GEO-TECHNICAL ENGINEERING
PROGRAMME SCHEDULE

17.08.2016

S.NO	DESCRIPTION	NAME
1	Prayer Song	P.Subsri
2	Welcome Address	M.P.Salaimani Magudam
3	Thematic Session	Mr.A.Mohamed Mansoor
4	Introducing Session	Mr.K.Arun
5	Chief Guest Honouring	Dr.R.Saravanan
6	Leading Session	Dr.R.Saravanan
7	Inaugural Address	Mr.S.Vijayabhaskar
8	Valedictory Session	Dr.R.Saravanan
9	Vote Of Thanks	E.Bharathi

A. R. R. R. R.
12/08/16

WORKSHOP COORDINATOR

[Signature]
18/08/16

HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2016-2017) / ODD SEMESTER
ONE DAY NATIONAL LEVEL WORKSHOP ON ADVANCEMENT IN
GEO-TECHNICAL ENGINEERING
PROPOSED BUDGET

08.08.2016

S.No	Description	Amount
1	Remuneration for the Resource Person	Rs.4000
2	Printing (Invitation, Certificate, etc.)	Rs.2500
3	Stationeries	Rs.500
4	Refreshment	Rs.1500
5	Lunch	Rs.1000
TOTAL		Rs.9500

A. V. V. V.
8/8/16
WORKSHOP COORDINATOR


[Signature]
HOD/CIVIL 8/8/16

04362 - 276535
 93 62 62 62 60
 CASH BILL
 Cell: 9360321514

KR PRINTERS
 85 East Main Street
 THANJAVUR-613005

No. **383** Date: **16/8/16**

Name: Kings college of Engineering

Particulars	Qty	Amount
Typing <u>Certificate</u>	<u>150</u>	<u>1300</u>
Colour Printout <input type="checkbox"/> Xerox <input type="checkbox"/>		
B/W Printout <input type="checkbox"/> Xerox <input type="checkbox"/>		
Sticker		
Ph.D. Binding		
Project Binding		
White / Black / Blue (Binding)		
Book / Rexline / Wrapper (Binding)		
Spiral / Combo / Thermal & Com. Binding		
Lamination / CD, DVD + Video + A.S.		
Photo Frame		
Name Badge		
Scan / Mail		
Rubber Stamp - Normal <input type="checkbox"/> Pre-Ink <input type="checkbox"/>		
	Total	<u>1300</u>
 Signature	Advance	<u>1300</u>
(Thank You)	Balance	<u>-</u>

KR PAID

PICK & FRUIT SUPER MARKET
 Margaliam MC Road
 Thanjavur
 Phone: 94421
 Mobile: 98421

(2) Total Rs. 217.00



KINGS

COLLEGE OF ENGINEERING

(Managed by Raj Educational Trust)

Punakulam Village, Gandarvakottai Taluk, Pudukkottai District - 613 303.



Date : 17/08/16

Head of A/c.

Name of Payee. MR. S. VIJAYA BHASKARAN.

DETAILS

ONE DAY NATIONAL LEVEL WORKSHOP ON
ADVANCEMENT IN GEO-TECHNICAL ENGINEERING.
ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING.
VENUE - GY HALL.
10.30AM - 3.30PM.

Rupees. FOUR THOUSAND ONLY /- (RS. 4000.)

Rs. RS. 4000/-

Accountant

Chairman

Receiver's Signature

 17/8/16



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2016-2017) / ODD SEMESTER
ONE DAY NATIONAL LEVEL WORKSHOP ON ADVANCEMENT IN
GEO-TECHNICAL ENGINEERING
EXPENDITURE DETAILS

18.08.2016

S.No	Description	Bill/Voucher	Amount
1	Remuneration for the Resource Person	Voucher	Rs.4000
2	Certificate	Bill	Rs.1300
3	Refreshment	Bill	Rs.1417
4	Lunch	Bill	Rs.560
TOTAL			Rs.7277

Amount sponsored through SFRDS from college - Rs.5000

Total Amount from Registration - Rs.1800

Total Amount - Rs.6800

Actual Expenditure - Rs.7277

Extra amount of **Rs.477** has been used from department amount.

A. Banerjee
18/8/16

WORKSHOP COORDINATOR

[Signature]
18/8/16
HOD/CIVIL



KINGS
COLLEGE OF ENGINEERING
Pondicherry, Tamil Nadu



CERT
1001 9001

Annexure - I

PROPOSAL FOR STUDENTS & FACULTY RESEARCH AND DEVELOPMENT SCHEMES (SFRDS)

Ref. No.: CIVIL/1617/WSI

Date: 03.08.2016

1	Name of the Department	CIVIL
2	Name of the Scheme	ORGANIZING WORKSHOP
3	Name & Designation of Convenor / Coordinator	Mr.A.MOHAMED MANSOOR,
4	Technical Details of the programme:	
	i. Title	WORKSHOP on " ADVANCEMENT IN GEO - TECHNICAL ENGINEERING"
	ii. Date	17/08/2016
	iii. Details of Resource Persons with affiliations:	
		• Mr. VIJAYABHASKAR
	iv. Event objective:	
	To give lecture on the process of Data Mining and Compiler functions.	
	v. Target Audience	
5	No. of participants expected	i. External: - 42 ii. Internal : 112
6	Total anticipated expenditure (Head-wise Break-up):	
	Resource person honorarium	4000
	Certificate to participants	1000
7	Total anticipated income out of the following:	
	i. Registration Fee	-
	ii. Sponsorships, if any	-
8	Awards for Project Schemes / Paper presentation / Paper publication : Not applicable	
	i. Title of the Project / Paper	-
	ii. Project ID / Paper ID	-
	iii. Details of Journal / Proceedings	-
9	Grant requested from SFRDS (in Rs.)	Rs.5000/-

A.R. Mansoor
3/8/16

Signature of Convenor / Coordinator
Name: Mr.A.MOHAMED MANSOOR
Date:

R. Saravanan
4/8/16

Signature of Head of the Department
Name: Dr.R.SARAVANAN
Date:

Allotted Rs. 5000/-

J. Ramesh
4/8/16

Approved
Dean (R&D)

A. Ramesh
4/8/16

[Signature]
Signature of Head of the Institution



KINGS

KINGS COLLEGE FOR WOMEN
WOMEN EMPOWERMENT
WOMEN EMPOWERMENTKING'S
KING'S COLLEGE
KING'S COLLEGEAnnexure - II
APPROVAL INTENT FOR SFRDS

Name of the Department: CIVIL

Academic Year & Semester: 2016 - 2017 (2016) Semester

Name of the Scheme	Ref. No. & Date of SFRDS	Title of the event	Activity Period		No. of participants (Internal & External)	Name of Resource persons with affiliation	Other Income			Has the same activity been conducted in this year/Sem (Specify Lr. No. & Date of SFRDS & period) If YES, whether U.C. is submitted?	Proposed utilization of Funds		
			From	To			Registration fee (Rs.)	Any other Sponsorships (Rs.)	Total (Col. 7+8) (Rs.)		Resource persons	Other expenses	Total (11+12)
1	2	3	4		5	6	7	8	9	10	11	12	13
I. WORKSHOP on ADVANCEMENT IN GEO - TECHNICAL ENGINEERING	CVL/1617 (17.08.16)	Advancement In Geo - Technical Engineering	17.08.16			Mr. VIJAYA BHASKAR				CIVIL/1617WS (17.08.2016)	4000	1000	5000
HOD R. S. Narayan 4/08/16		PO / VP / Dean (R&D) J. Narayan 4/8/16		Accounts officer J. Narayan 4/8/16		CEO		Principal					



KINGS
COLLEGE OF ENGINEERING
Puducherry, Tamil Nadu



Annexure –III

UTILISATION CERTIFICATE FOR STUDENTS & FACULTY RESEARCH AND DEVELOPMENT SCHEMES (SFRDS)

1.	Name of the Department	CIVIL
2.	Name of the Scheme / Title of the Event	WORKSHOP on " ADVANCEMENT IN GEO – TECHNICAL ENGINEERING"
3.	SFRDS Letter No. & Date	CIVIL/1617/WS 1
4.	Activity Period	17/08/2016
5.	Grant-in aid approved for the event (Rs.)	Rs.5000/-
6.	Grant-in aid received (Rs.)	Rs.5000/-
7.	Other receipts / Registration Amount (Rs.) / Other Sponsorships , if any, for the event	Rs.1800/-
8.	Total amount that was available for expenditure for the event: (Sl. Nos. 6 + 7)	Rs.6800/-
9.	Actual expenditure incurred for the event (Enclose statement of expenditure & Bills)	Rs.7277/-
10.	Unspent balance refunded, if any	-
11.	Total grant already availed for various schemes by the Dept. in this academic year	-
12.	Balance amount available in the allotted Budget for SFRDS activities	-
13.	Amount allowed to be carried forward to the next event	-

1. Certified that the amount of Rs. 7277/- mentioned against Col. 9 has been utilized on the project / scheme for the purpose for which it was sanctioned and that the balance of Rs. _____ remaining unutilized has been given to Accounts section.

2. Certified that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised (Vouchers / Cash / Cheque / Bills / Others)

1. Bills for Rs 3277/-

2. Vouchers for Rs 4000/-

3.

4.

Signature of Head of the Department

Countersigned by

Date : 18/08/16

Dean (R&D)

Signature of Head of the Institution



SRI RAJARAJESWARI CATERING SERVICE PVT LIMITED

KINGS COLLEGE OF ENGINEERING - CANTEEN

HEAD OFFICE CHENNAI

17/08/16

S.No	Description	Rate		Total Rate
		Quantity	Rate/Piece	
1	Lunch	14	40	560
2	Tea	150	8	1200
TOTAL				1760

For SHREE RAJA RAJESHWARI CATERING (P) LTD.

[Signature]
 Authorised Signatory 17/8/16



DEPARTMENT OF CIVIL ENGINEERING

ONE DAY NATIONAL LEVEL WORKSHOP ON ADVANCE MENT IN GEO -
TECHNICAL ENGINEERING

REGISTRATION FORM

17.08.2016

Name of the Participant : P. KOKILA
(In Block Letters)
Gender : ☐ Male/ ☒ Female
Date of Birth : 14.09.1996
Department and Designation : civil Department III year
College Name : Prist University, Vallam.
(With Full Address)
Mobile Number : 9843966265
Email ID : krishna98@gmail.com.
Registration Status : Amount Rs 200/- ☒ Yes/ ☐ No
Kit Issued : ☒ Yes/ ☐ No


Signature of the Participants


Authority Sign



DEPARTMENT OF CIVIL ENGINEERING

ONE DAY NATIONAL LEVEL WORKSHOP ON ADVANCEMENT IN GEO-TECHNICAL ENGINEERING

STUDENT FEEDBACK FORM

Your Feedback is most important. Help us for improvement by sparing time for your valuable feedback.

NAME OF THE STUDENT : T. Gowthami

NAME OF THE INSTITUTION : KSK college of engineering

Please tick against the appropriate box.

S.NO	ATTRIBUTE	EXCELLENT	GOOD	AVERAGE	SATISFACTORY
01	WORKSHOP THEME		✓		
02	REGISTRATION PROCESS	✓			
03	EVENTS	✓			
04	FOOD AND HOSPITALITY	✓			
05	OVER ALL RATING		✓		

Your recommendation for improvement

Date: 17-8-2016

Signature



**DEPARTMENT OF CIVIL ENGINEERING
ONE DAY NATIONAL LEVEL WORKSHOP
ON**

ADVANCEMENT IN GEO-TECHNICAL ENGINEERING

Venue: Av Hall, Kings College of Engineering

Date: 17th August, 2016

Background & Objective

A National level Workshop on “**Advancement in Geo-Technical Engineering**” under Department of Civil Engineering was held on 28th March, 2016 at Kings College of Engineering. It aims to provide a platform for the students, who are good in academics, research on the latest advances in Civil Engineering.

In view to it, a perfect resource person was identified (**Mr.S.Vijayabhaskaran – Associate Professor, Higher College of Engineering, Oman**) and requested to give their presence in order to boom the interest of students towards research field.

Inaugural Session

On 17th August, 2016 by 10.45 am, the workshop has started with incantation given by P.Subasri Third Year Civil Engineering Students. Then the workshop officially inaugurated by following the below mentioned order and dignitaries present Chief Guest Mr.S.Vijayabhaskaran, Dr.R.Saravanan (HOD-CIVIL), Mr.A.Mohamed Mansoor (Workshop Coordinator) and Mr.K.Arun.

Welcome Session

In the welcome session, M.P SalaimaniMagudam Third Year, Student of Civil Engineering Department welcomed the gathering.

Thematic Session

In this Thematic Session, Mr.A.Mohamed Mansoor, Assistant Professor, Civil Engineering Department and Workshop Coordinator explained the theme of the workshop on “**Advancement in Geo-Technical Engineering**” which is most appropriate theme in today's global environment and also the suitable engineering practice should meet human needs.

Introducing Session

Then, the chief guest of the inaugural function, **Mr.S.Vijayabhaskaran -Associate Professor, Higher College of Engineering, Oman**, was introduced by Mr.K.Arun., Assistant Professor, Civil Engineering Department about his career track and the awards and achievements received by him. Also she pointed various post held by him.

Honouring Session

The chief guest was felicitated by shawl and memento as sign of remembrance by Dr.R.Saravanan (HOD-CIVIL).

Leading Session

Prominent Thinker **Dr.R.Saravanan, HOD - Civil** delivered the presidential speech. HOD appreciated the endeavours of the workshop chair, organizing members and their passion to organize the workshop. He also explained the importance of organizing workshop which will bring together the academic & research fraternity and such activities give a platform towards their research work.

Inaugural Address

Mr.S.Vijayabhaskaran -Associate Professor, Higher College of Engineering, Oman, graced the occasion as Chief Guest and delivered the inaugural address. He congratulated the management and organizing members for organizing workshop at grant level. He advised both students and faculties to give importance to experience learning instead of classroom teaching. **Then he was followed by the invited talk after the tea break.**

Valedictory Session

The workshop concluded with the valedictory programme. **Dr.R.Saravanan, HOD - Civil & Chief Guest Mr.S.Vijayabhaskaran distributed the certificates** and **Dr.R.Saravanan, HOD - Civil** highlighted that the talks delivered by Chief Guest contributed in making the event a great learning experience.

The Programme was wound up with vote of thanks delivered by **E.Bharathi**, Third Year, and Student of Civil Engineering Department who expressed her sincere gratitude to the esteemed Chief Guest for spending their precious time for the occasion. She heartily thanked the management, principal, HOD - Civil, all faculty & staff members and students were lauded for their fervent efforts with which they carried out the strenuous task of making the workshop a grand success.

Participants Details

98 Internal Participants

09 External Participants

Feedback Details

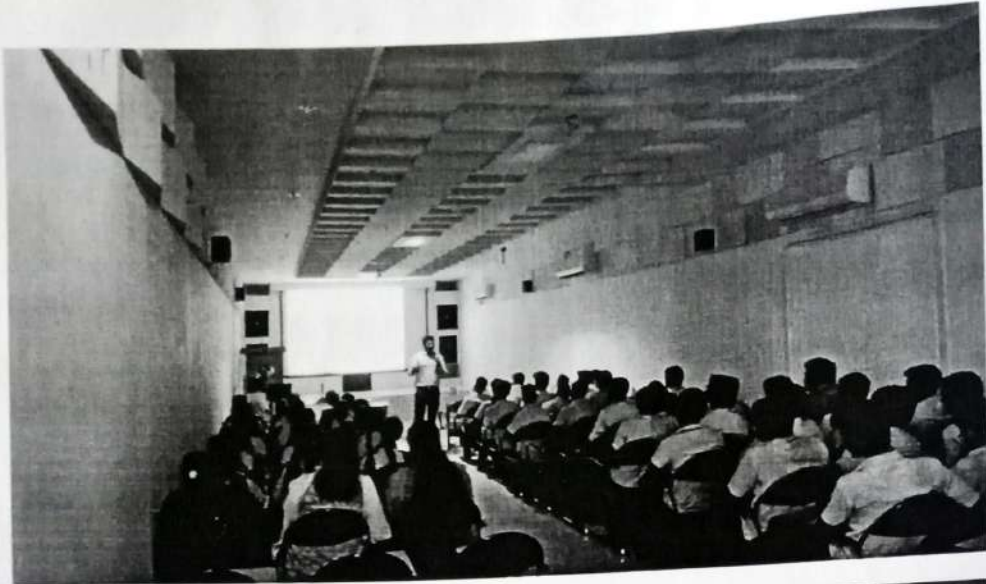
Feedback for the programme has been collected from internal and external participants; the overall rating mentioned by the students is good. They mentioned to conduct some events in future plan.



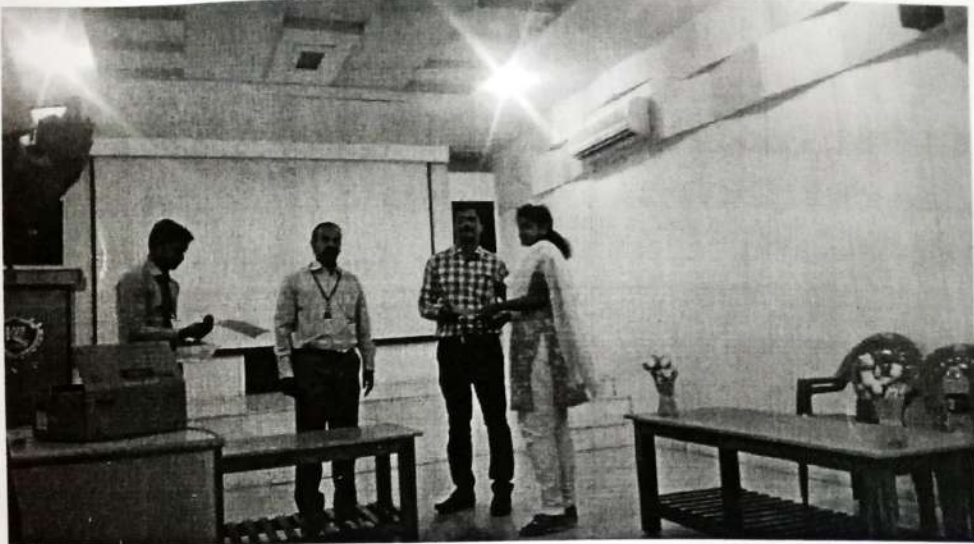
Dias Members



Dr.R.Saravanan HOD – CIVIL, Honouring the Chief Guest



Mr.S.Vijayabhaskar - Chief Guest, Handling the Session



Chief Guest, HOD - CIVIL, Distributing Certificates to the Participants

A.R. Durrani
15/5/16
WORKSHOP COORDINATOR
(A. MOHAMMED NANSOORI)

A. R. Durrani
HOD-CIVIL

Enclosure - Presentation details

[Handwritten signature]

Patron

Dr. S. Durairaj B.E., M.E., Ph.D., PDF.,
Principal

Co-Patron

Dr. S. Sivakumar
Vice Principal

Conference Chair

Dr. R.Saravanan B.E., M.E., Ph.D.,
HOD (CIVIL)

Organizing Secretaries

Mrs. R.Revathi, M.Tech.,
AP/CIVIL
Ms. T.Bhuvaneswari, M.Tech.,
AP/CIVIL

Advisory Committee

Prof. M.Sivaraja, NSN College of Engg., Karur
Prof. P.Anbazhagan, IISC, Bangalore
Prof. G.Venkatesan, BIT, Trichy
Prof. G.Elangovan, UCE, Thirukkuvalai
Prof. R.Annadurai, SRM, Chennai
Prof. S.Ramana Gopal SSN, Kalavakkam

Technical Committee

Dr. Kushal. P. Singh, Principal Scientist, NGRI,
Hyderabad
Prof. S. Mohan, IIT Madras
Prof. R.Manjula, NIT, Trichy
Prof. C. Sivapragasam, Kalasalingam University,
Srivilliputhur
Prof. R.Senthamil Kumar, PMU, Vallam
Prof. G.Elangovan, UCE, Pattukkotai

Registration Fee

UG students : Rs. 300/-
PG students/
Faculty Members/
Research Scholars : Rs. 500/-
Industrialist : Rs. 1000/-

Important Dates

Submission of Full Paper : 05.12.2016
Notification of Acceptance : 09.12.2016
Last date for registration : 12.12.2016

Contact Address

Organizing Secretaries
Department of Civil Engineering
Kings College of Engineering, Punalkulam,
Thanjavur - 613 303, Tamil Nadu, INDIA
E-mail: ncetce2016@gmail.com
Phone: +91-9894894647, 9994961305
www.ncetce2016.wordpress.com

National Conference on Emerging Trends and Challenges in Civil Engineering

29th December 2016

Organized by

Department of Civil Engineering



KINGS COLLEGE OF ENGINEERING

NAAC ACCREDITED INSTITUTION

About the Institution

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. The Institution was established in the year 2001 on sprawling campus of around 60 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The Institution offers six UG and five PG programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

About the Department

The Department of Civil Engineering was established in the year 2010, offering UG programme. It is well equipped with research laboratories and has dedicated staff members. The faculty members of the department have strong research experience in various fields of

Structural, Soil Mechanics, Foundation Engineering, Environmental Engineering, Architecture, Surveying and Remote Sensing & GIS. A faculty member has contribution to technical journals, conferences, R & D activities etc., in Civil Engineering. The Civil Engineering Association organizes various activities and events, to unfold the prospects of Civil Engineering in the present day world. The department has been engaged in various activities involving industry - institute interaction, research and development, development of students and services to society etc.

About the Conference

It aims to provide a platform for academics, researchers, scientists, industry experts and architects to exchange the ideas on the latest advances in Civil Engineering. The conference focuses to collaborative R & D works and new projects with end results of sharing knowledge among the participants.

Conference theme

- Recent innovation in the field of Civil Engineering
- Removal of Industrial effluent by advanced treatment method

- GPS Surveys: Static, Differential & Real Time
- Water Resource Engineering
- Environmental Engineering
- Geotechnical Engineering
- GIS and Remote Sensing Applications
- Behaviour of fiber reinforced concrete
- Load deformation behaviour of confined concrete.
- Transport and traffic modelling
- Pavement materials Characterisation

Paper Format

Full Paper not exceeding 5 pages should be submitted in IEEE double column format (soft copy in MS-Word as E-mail attachment). After acceptance, 2 hard copies of the paper along with Registration Fee in the form of Demand Draft should be submitted.

Organizing Committee

Chief Patron

Smt. Sharmila Rajaa B.E.,
Chief Financial Officer
Mr. T.R.S. Muthukumaar M.B.A.,
Chief Executive Officer



**KINGS
COLLEGE OF ENGINEERING**

(NAAC Accredited Institution)



TUV Rheinland
CERT
ISO 9001

Department Of Civil Engineering

Cordially invite you all to the

National Conference on

*“Emerging Trends and Challenges in Civil
Engineering (NC-ETCCE’16)”*

Chief Guest

Dr. R..MANJULA

Professor,
NIT, Trichy.

**29th December,
2016**

Time: 09:45 am

has kindly consented to give inaugural address

Dr. S.DURAIRAJ

Principal

Kings College of Engineering

Presides

Dr.R.Saravanan

Conference Chair (NC-ETCCE’16)

VENUE: CHERA HALL

Dear Sir,

Greetings from Kings College of Engineering!

I am T.Bhuvaneswari , Assistant Professor, Department of Civil Engineering, Kings College of Engineering, Tamil Nadu, South India and I am delighted in having a chance to communicate to you through this mail.


I would like to bring to your kind notice that we are organizing a National Conference on "Emerging Trends and Challenges in Civil Engineering" **(NC- ETCCE'16)** on 29th Dec, 2016. We are seeking sponsorship from various funding agencies. We are in the process of framing Advisory and Technical committee for the conference.

In this regard, we request your good-self to let us know your willingness to be member in the advisory and Technical committee of the conference. We have enclosed a write-up about our institution and about the conference.

We request your earliest reply.

Thank you

--

 Thanks and Regards,

Ms.T.Bhuvaneswari M.tech
Assistant Professor,
Dept. of Civil Engineering
Kings College of Engineering,
Punalkulam, Gandarvakottai Taluk,
Pudukottai District, Thanjavur- 613 303,
Tamil Nadu, INDIA,



KINGS
COLLEGE OF ENGINEERING
Pudukottai, Thanjavur



DEPARTMENT OF CIVIL ENGINEERING

National Conference on Emerging trends and Challenges in Civil Engineering

(NC- ETCCE'16)

29th Dec , 2016

Kings College of Engineering (KCE) is an institution which was established in 2001 with the single aim of providing quality education to the poor and under -privileged students of this region. The college is located on the Thanjavur -Pudukottai highway just 10Kms from Thanjavur. KCE has acquired ISO certification by TUV, Rheinland, Germany and Accredited by NBA, AICTE - India. Six U.G (B. E. , / B. Tech,) and four P .G (M. E. ,) programmes are being offered.

The **Department Of Civil Engineering** was established in the year 2010, offering UG programme. It is well equipped with research laboratories and has dedicated staff members. The faculty members of the department have strong research experience in various fields of Structural , Soil Mechanics, Foundation Engineering, Environmental Engineering, Architecture, Surveying and Remote Sensing & GIS . A faculty member has contribution to technical journals, conferences, R& D activities etc., in Civil Engineering. The Civil Engineering Association organizes various activities and events, to unfold the prospects of Civil Engineering in the present day world. The department has been engaged in various activities involving industry - institute interaction, research and development, development of students and services to society etc.

It aims to provide a platform for academics, researchers, scientists, industry experts and architects to exchange the ideas on the latest advances in civil engineering. The conference focuses to collaborative R & D works and new projects with end results of sharing knowledge among the participants.

<http://www.kingsindia.net/>

Conference Theme: -

The conference emphasizes on recent innovations in various Fields/disciplines of Civil Engineering as listed below.

- Recent innovation in the field of Civil Engineering
- Removal of Industrial effluent by advanced treatment method
- GPS Surveys: Static, Differential & Real Time
- Water Resource Engineering
- Environmental Engineering
- Geotechnical Engineering
- GIS and Remote Sensing Applications
- Behaviour of ~~F~~iber ~~R~~einforced ~~C~~oncrete
- Load deformation behaviour of confined concrete.
- Transport and traffic modelling
- Pavement materials Characterisation





KINGS COLLEGE OF ENGINEERING

Punalkulam, Thanjavur-613 303

Accredited by NAAC

(An ISO 9001 Certified Institution)

DEPARTMENT OF CIVIL ENGINEERING

National conference on

Emerging Trends and Challenges in Civil Engineering

(NC-ETCCE'16)

(29th DECEMBER 2016)



CHIEF PATRONS

Smt. Sharmila Rajaa, B.E.,
Chief Financial Officer.

Mr. T.R.S. Muthukumaar, M.B.A.,
Chief Executive Officer.

PATRON

Dr. S. Durairaj, B.E., M.E., Ph.D., PDF.,
BOYSCAST Fellow,
Principal.

CO-PATRONS

Dr. J. Arputha Vijaya Selvi,
Dean, R&D.

Dr. S. Sivakumar,
Vice Principal.

CONFERENCE CHAIR

Dr. R. Saravanan
Prof. & Head / Civil

ORGANIZING SECRETARY

Mrs. R. Revathi, Asst. Prof.
Ms. T. Bhuvaneswari, Asst. Prof.

To

The Head of the Department,
Department of Civil Engineering

Dear sir/madam,

Sub: National Conference on "Emerging Trends and Challenges in Civil Engineering - 2016" - Reg.

I would like to bring to your notice that "Emerging Trends and Challenges in Civil Engineering (NC-ETCCE'16)" will be held on 29th December 2016 at the institution premises. The conference aims at bringing researchers, academicians, practicing engineers and industrialists on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in engineering science.

The papers are invited from UG & PG students/ researchers/ practicing engineers/ R&D Personnel. The NC-ETCCE'16 significantly beneficial to wide variety of academic and industrial sectors.

In essence, I sincerely feel that the participation/paper presentation on this event would provide many useful inputs for technical education, energy applications and various innovative techniques to faculty members and students. In this regard, please refer the enclosure for conference brochure and circulate it or display on department notice board.

I sincerely invite the faculty members and students from your precious institution to this conference.

Thanking you,

Yours sincerely,

Dr. R. Saravanan

(CONFERENCE CHAIR)

Dr. R. Saravanan, M.E., Ph.D.,
Professor & Head
Department of Civil Engineering,
Kings College of Engineering,
Punalkulam, Thanjavur - 613 303



KINGS COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

NATIONAL CONFERENCE ON EMERGING TRENDS AND CHALLENGES IN CIVIL ENGINEERING (NC-ETCCE'16)

29th DEC 2016

NC-2016, COMMITTEE INCHARGE DETAILS

S.No	Committee Name	Responsibility	Faculty Incharge
1.	Budget	<ul style="list-style-type: none"> Budget preparation 	Ms. R.Revathi Ms.T.Bhuvaneswari
2.	Sponsorship	<ul style="list-style-type: none"> Letter to funding agencies for sponsorship Letter to other companies for sponsorship 	Mr.K.Arun Mr.M.Rajiv
3.	Identification of Chief Guest and Session Guest (Resource Person)	<ul style="list-style-type: none"> Identification of chief guest Identification of keynote speakers -2 Identification of judges(Internal &External) 	Ms. R.Revathi Ms.T.Bhuvaneswari
4.	Brochure and Banner	<ul style="list-style-type: none"> Designing brochure, Banners Sending Brochures it to various colleges (AU-affiliated PG civil course colleges, Deemed university, polytechnics) Brochure Sending it to various colleges through mail Fixing banners at different places 	Mr.R.Sundharam Mr.A.Murugesan
5.	Registration	<ul style="list-style-type: none"> Preparation of registration form and feedback form , Id cards, kit(bags, pens, notepad) Collection of feedback form from participants Issuing snacks/tea token for participants 	Ms.D.Sharmila Ms.S.Vanathi
6.	Certificate	<ul style="list-style-type: none"> Certificate designing 	Mr.R.Sundharam Mr.A.Murugesan
7.	Prize	<ul style="list-style-type: none"> Memento for chief guest External judges - mementos 	Mr.A.Mohamed Mansoor
8.	Paper collection	<ul style="list-style-type: none"> Creation of new mail -id Check mail regularly / daily Receiving the papers daily Summary of the papers daily 	Mr.M.Rajiv Mr. R.Jeevanesan

		<ul style="list-style-type: none"> Splitting paper are wise Handover the paper (area wise) to scrutinizing committee Convey the selected paper to participants 	
9.	Paper Scrutinizing	<ul style="list-style-type: none"> Select good paper area wise Submit the paper rank wise to paper collection committee in every Friday 	Ms.K.Gowri Devi Ms.R.Revathi
10.	Review of paper	<ul style="list-style-type: none"> Collection and distribution of accepted papers to internal reviewers Collection of papers from reviewers and intimation of correction in papers to authors After correction of papers from authors to collection and submission to proceeding committee 	Ms.K.Gowri Devi
11.	Proceeding and CD	<ul style="list-style-type: none"> Collecting the papers from paper collection committee Aligning the papers, designing the cover page of the proceeding, preparing proceeding. 	Mr.M.Rajiv Ms.T.Bhuvaneswari Mr.A.Mohamed Mansoor
12.	Food	<ul style="list-style-type: none"> Arrangement of lunch and dinner for guest , participants 	Mr.K.Arun Mr.M.Arun Pandiyan
13.	Refreshment	<ul style="list-style-type: none"> Arrangement of snack(FN&AN) for chief guest , staff judges, participants & student Preparation of snack tokens Issue of tokens to registration committee for participants 	Mr.K.Arun Mr.M.Arun Pandiyan
14.	Hospitality for chief guest	<ul style="list-style-type: none"> Book the train tickets or Air tickets for the guests Receiving Chief guest Arrangement of guest house Arrangement of vehicle Arrangement of food/ snacks 	Mr.A.Mohamed Mansoor
15.	Hospitality (Participants)	<ul style="list-style-type: none"> Hostel room & food arrangement (Male& Female) 	Mr. S.Palkannan
16.	Invitations	<ul style="list-style-type: none"> Preparing Invitation and distributing to all departments, chief guest & Judges 	Ms. R.Revathi Ms.T.Bhuvaneswari
17.	Audio & Video/ Photo arrangement and publicity	<ul style="list-style-type: none"> Arrangement of audio system Arrangement of video/Photo Selected photos displaying in notice board the next day Contact PRO for publicity 	Mr.G.Venkatesan Mr.R.Jeevanesan

Dr.S.Durairaj., B.E., M.B.A., M.E., Ph.D., PDF
BOYSCAST Fellow
PRINCIPAL

Ref: KCE/PRL/ /2016-17

Date: 28.09.2016

To

Dr.R.Manjula
National Institute of Technology,
Trichy.

Respected Mam,

Sub: Inviting to be a chief guest for the **NC- ETCCE'16-** reg.

Greetings from Kings College of Engineering (KCE).

Let me proudly introduce our institution to you as a service oriented institution to bring up the rural belt of our country and we are having courses of all fields in under graduation as well as post-graduation level. We are offering research projects also in certain subjects and our students are really doing well.

With this backdrop, let me take pleasure in inviting you to be a chief guest for the conference on 'Emerging Trends and Challenges in Civil Engineering (NC- ETCCE'16)' under Department of Civil Engineering on **29.12.2016**. We strongly feel that your professional experience and valuable ideas will be an inspiration to all the participants. Hope your presence will add more value to our event.

We are looking forward for your presence to our college on **29.12.2016**.

Thanking You,

With regards



KINGS
COLLEGE OF ENGINEERING
(N.L.C. Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)



**National Conference on Emerging Trends and Challenges in Civil Engineering
(NC-ETCCE'16) – 29th Dec '16**

AGENDA

Session - I	Inauguration	Venue: Chera Hall
09.45 am	Prayer song	
09.50 am	Welcome address – Dr.T.Pushparaj, HOD/Mech	
09.55 am	Lighting of Lamp	
10.00 am	Honoring the Chief Guest Dr.N.Jawahar by Dr.T.Pushparaj & Dr.R.Manjula by Dr.R.Saravanan	
10.05 am	Presidential Address by Principal	
10.10 am	Introduction of Chief Guest – Dr.N.Jawahar by Mr.G.Mathivanan	
10.15 am	Felicitation Address by Dr.N.Jawahar	
10.20 am	Introduction of Chief Guest – Dr.R.Manjula by Ms.T.Bhuvaneswari	
10.25 am	Felicitation Address by Dr.R.Manjula	
10.30 am	Releasing of Conference Proceedings by Principal	
10.35 am	Tea Break	
Session II	Key Note Address & Paper Presentation	
10.50 am	Session Chair – Ms.K.Gowri Devi Announce the Commencement of the Session	
10.55 am	Key Note Address	
11.15 am	Presentation session - I	
1.00 pm	Lunch Break	
1.45 pm	Presentation session - II	
3.50 pm	Tea Break	
Session III	Valedictory	
4.00 pm	Conference Report by Conference Chair - Dr.R.Saravanan	
4.10 pm	Issuing of Certificate by Conference Chair - Dr.R.Saravanan	
4.30 pm	Feed Back from Participants	
4.35 pm	Vote of thanks – Ms.R.Revathi	
4.40 pm	National Anthem	



KINGS COLLEGE OF ENGINEERING

Thanjavur
NAAC accredited



Department of Civil Engineering

Certificate

This is to certify that Dr/Mr/Ms _____

of _____ has attended / presented a

paper entitled “_____”

in the National Conference on Emerging Trends and Challenges in Civil Engineering

(NC-ETCCE'16) on 29th December 2016.

ORGANIZING SECRETARY

CONFERENCE CHAIR

PRINCIPAL

(Dr.R.Saravanan)

(Dr.S.Durairaj)



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi. Affiliated to
Anna University, Chennai)



National Conference on Emerging Trends and Challenges in Civil Engineering

(NC- ETCCE'16)

29th December, 2016

Budget Details

S.NO	INCOME (Rs.)	
1.	Faculty Contribution	6,800.00
2.	Registration - Cash	16,600.00
	Total Income	Rs.23,400.00

S.NO	EXPENDITURE (Rs.)	
1.	Brochure, Covering Letter, Despatch	1,980.00
2.	Flux	900.00
3.	Invitation, ID card, Certificate, CD cover	1,410.00
4.	Kit, Rangoli & Pooja, Marker	2,457.00
5.	Badge & Proceedings	735.00
6.	Stage Items	211.00
7.	Chief Guest Hospitality	1,705.00
8.	Food	6,320.00
9.	Honorarium	4,000.00
	Total Expenditure	Rs.19,718.00

Total Income - Rs.23,400/-

Total Expenditure - Rs.19,718/-

Balance - Rs.3682/-

1. *[Signature]* 3/1/17

2. *[Signature]* 3/1/17

ORGANIZING SECRETARIES

[Signature]
03/01/17
CONFERENCE CHAIR

[Signature] 3/1/17

PRINCIPAL



National Conference on Emerging Trends and Challenges in Civil Engineering (NC-ETCCE -2016)

Venue: Chera hall, Kings College of Engineering

Date : 29-12-2016

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised its Second National Conference titled *Emerging Trends and Challenges in Civil Engineering* on 29th December 2016.

It aims to provide a platform for academics, researchers, industry experts and architects to swap over their ideas on the emerging trends in Civil Engineering. The conference was well attended by eminent academicians, faculty members and students from reputed technical and educational institutions. The Conference focuses to collaborative R & D works and new projects with end results of sharing knowledge among the participants.

INAUGURAL SESSION

The conference was inaugurated by the Chief Guest at inaugural function, Prof. Dr.R.Manjula, National Institute of Technology, Trichy on 29th morning.



Dignitaries on the Dais.

As every auspicious function starts with a traditional way, light being the source of all transitions and transformations, the conference officially inaugurated by lighting of lamp of wisdom kuthuvillaku by the Chief Guest, Dr.S.Durairaj, Principal and Dr.R.Saravanan, Conference chair.



Lightning of Lamp by Chief Guest and Principal.

WELCOME SESSION

The welcome address was given by Dr. T.Pushparaj, Conference Chair, Department of Mechanical Engineering. He welcomes the gathering and explained the theme of the conference which is the most appropriate theme in today's environment

HONOURING SESSION

The chief guest was felicitated by shawl and memento as sign of remembrance by Conference Chair along with dignitaries on the dais.



Dr.R.Manjula receiving a memento from Dr.R.Saravanan, Conference Chair.

LEADING SESSION

Dr.S.Duraiaraj, Principal delivered the presidential address. Principal appreciated the endeavours of the Conference Chair, Organizing secretaries and faculty members and their enthusiasm to organize the conference. He explained the importance of organizing such Conferences which will bring together the academic & research fraternity and such activities give a platform to present their research work. He advised the gathering to give more emphasis to the research towards sustainable concepts.



Principal Delivering the Presidential Address.

INTRODUCING SESSION

Then the Chief Guest was introduced by Ms.T.Bhuvaneswari, Assistant Professor, Department of Civil Engineering and one of the Organizing secretary of the Conference about her career track and the awards and achievements received by her.



INAUGURAL ADDRESS

Dr.R.Manjula, NIT., Trichy graced the occasion as chief guest and delivered the inaugural address. In her inaugural address, she lauded the Management and the academic administration of the institute for hosting a national conference every year. She explained about the rising technology in network as well as in civil Engineering field. She insisted that the opportunity is in every hand, the students have to make use of those various opportunities for their career.



Chief Guest addressing the audience

RELEASE OF PROCEEDINGS

The conference proceedings was revealed by the chief guest and received by Principal and jointly felicitated all the guests present.



Proceedings was released by Chief Guest and received by Principal.



NC-ETCCE'16 Proceedings Release

INVITED TALK BY THE CHIEF GUEST

The inauguration was followed by the Invited talk of Dr.R.Manjula on "**Challenges in Disaster Management and Mitigation**". It was an educative experience which offered the audience a rare opportunity to get a glimpse on Disaster management.



Invited Talk by the Chief Guest



Students examining the Chief Guest lecture

TECHNICAL SESSION

Then the first technical session started. Ms.K.Gowri Devi, Assistant Professor, Kings College of Engineering was the Chair person of the Session. Participants from Various Institution have presented their research papers. Some of the papers reflected brilliant ideas and effort. 9 Papers were presented in the First Technical Session.



A Technical Paper Being Presented.

In the afternoon, the second Technical session started and 15 papers were presented during that session.



A Technical Paper Being Presented

VALEDICTORY SESSION

During the valedictory program conducted in the evening, the Conference chair Dr.R.Saravanan delivered the Conference report and highlighted the fact that the talks delivered by the young researchers contributed in making the event a great learning experience and the certificates to the participants too were given away.



Conference Chair, distributed the Certificates

The Program was ended with a vote of Thanks delivered by Mrs.R.Revathi, Assistant Professor, Department of Civil Engineering and one of the Organizing secretary of the Conference who expressed her sincere thanks to the delegates for spending their precious time for the occasion. She heartily thanked the Management, Principal, all the faculty & Staff members and students were lauded for their passionate efforts with which they carried out the arduous task of making the Conference a grand success.



Organizing Secretary Mrs.R.Revathi delivered the Vote of Thanks

A few participants who gave their feedback on the conference praised the institution for hosting its conference in such an impeccable manner and said that they were overwhelmed by the hospitality offered by the organisers.

After the valedictory program, the conference came to an end, leaving fond memories in the minds of the guests and delegates and a great sense of satisfaction and accomplishment in all members of the faculty and staff and student volunteers who were associated with its preparation and organisation over a period of three months.



INDEX

CRITERION: 3.2.2

Department of Computer Science and Engineering

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2020 - 2021 / EVEN SEMESTER


REPORT

- | | |
|--------------------------|--|
| 1. Name of the event | : Guest Lecture on "Machine Learning Techniques" |
| 2. Date & Session | : 22.1.2021 (10.30am – 11.30am) |
| 3. Venue | : Virtual mode |
| 4. Name of the Organizer | : Mrs.G.Chandra Praba, AP/ CSE |
| 5. Organized for | : Students of IV CSE of Kings College of Engineering |
| 6. Resource Person | : Mr.Karthik Anand Babu, AP, Tamil University. |
| 7. No.of beneficiaries | : Around 40 students |
| 8. Purpose | : To create an exposure to the students about the Machine Learning techniques. |
| 9. Event Photos | : Refer Annexure - I |

Department of Computer Science and Engineering organized a guest lecture on "Machine Learning Techniques" on January 22nd of 2021 with the objective of making the students exposed to the currently demanding topic in virtual mode. Around 40 students from our department attended the session and got exposed to the basics and the important algorithms of the machine learning techniques.

Outcome:

The students make use of these machine learning techniques in their final project work and they are given an idea about that. Helps to clear the technical aptitude.


 SIGNATURE OF COORDINATOR
 (Mrs.G.Chandra Praba, AP/CSE)


 HOD/CSE


 21/2/2021

ANNEXURE – 1



A screenshot of Google Meet during the Guest Lecture on “Machine Learning Techniques”.

Feedback from Students

- It's good. Helpful to understand machine learning.
- Simply amazing.
- Good session.
- Understand what machine learning is.
- Informative session.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019 -2020 ODD SEMESTER

ONE DAY WORKSHOP ON

"ETHICAL HACKING AND CYBER SECURITY"

COMMITTEE LIST

Date : 13/9/19

S.NO	COMMITTEE	STAFF NAME	RESPONSIBILITIES
1	Design and Dispatch	Mrs.R.Suganthalakshmi Mrs.G.Chandra Praba	Brochure, Banner, Certificate design and dispatch of brochures
2	Registration & Feedback	Mrs.S.Puvaneswari	Preparing registration and feedback form and taking risto from exam cell and handling the registration formalities of the day
3	Hall Arrangement & Chief Guest Hospitality	Mr.M.Arun	Verifying the audio and video sets of the hall and arranging the hall for presentation (Agenda leaf, Name board, Water bottle, Table Cloth, Flower vase, Chair). Accompanying the chief guest throughout the day.
4	Reception & Rangoli	Ms.P.Nalayini	Things for reception should be prepared on the previous day. Kuthu Vilaku - necessary accessories and decoration. Coordinating rangoli design in the venue along with the students.
5	Certificate	Mrs.B.Sangeetha	Coordinating certificate writing and getting sign from principal.
6	Food and hospitality	Dr.D.Sivakumar & Mr.S.Rajarajan	Coordinating food and snacks for the participants.
7	Banner	Mr.R.Sriramkumar	Getting print of certificate and banner and placing it in the entrance and venue.
8	Compering	Mrs.R.Ranitha	Preparing agenda and compering. Thanks Letter and Remuneration for chief guest
9	Purchase	Mrs.G.Chandra Praba	Purchase of registration kits.

Coordinators

1. R.Suganthalakshmi

2. G.Chandra Praba

HOD/CSE



KINGS
COLLEGE OF ENGINEERING
(AACSB Accredited Institution)
(Approved by: UET, New Delhi, Affiliated to Anna University, Chennai)



**ONE DAY WORKSHOP
ON
“ETHICAL HACKING
AND
CYBER SECURITY”**



Jointly Organized by



*** MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)**

and

Department of CSE

On

13th September 2019

Kings College of Engineering

Contact: cseevents2019@gmail.com

ABOUT THE COLLEGE

Kings College of Engineering is an institution which was formed with the singular aim of providing quality education to the poor and under-privileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust. The institution offers five UG and four PG programmes. Our steps are measured and taken with our goal in mind, which is to become a renowned institution where knowledge is a way of life.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was started in the year of 2001. We are offering M.E – Computer Science & Engineering since 2015.

The Department possesses cutting edge technology and laboratories equipped with essential software. We are regularly conducting Symposium, FDP and Conferences to connect with recent technologies. The Department has excellent infrastructure facilities with well equipped Computer Centre, Library, 100 MBps broadband Internet facilities and well qualified and experienced faculty. The department has prominent placements in MNC's and various organizations.

ABOUT THE WORKSHOP

Do You Think That Your Facebook Password's Are Safe?

How Do You Know If The Transactions That You Do Are Safe Or Not?

What If Someone Is Monitoring Your Gmail Accounts?

What Are You Going To Do Then?

Have You Ever Thought About It?

Well No Need To Worry!!!

This workshop showcases the solution of all the above

Enter Into The World Of Hacking As Ethical Hackers.

SESSION OUTLINE

- Introduction
- Importance of ethical hackers
- Windows Hacking
- Phishing
- Backtrack 5
- MITM ATTACK

RESOURCE PERSON

Eminent persons in the field of hacking will be handling the sessions.

WHO SHOULD ATTEND

Prefinal & Final UG (Engineering & Polytechnic) & PG students from the Department of CSE / IT / ECE/ MCA can attend this workshop.

REGISTRATION

Spot registration is permitted.

UG Students : Rs.200

PG Students : Rs.300

HOW TO APPLY

Participants are requested to apply online in the following link and to submit the registration form on the day of the program.

<https://forms.gle/2tbwHiuzgTliPC8j6>

IMPORTANT DATES

Online Registration : 12.9.2019

ORGANIZING COMMITTEE**Chief Patrons**

Dr.R.Rajendran

Secretary

Mr.T.R.S.Muthukumaar,
C.E.O

Patron

Dr. J.Arputha Vijayaselvi,
Principal

Co- Patron

Dr. S. Sivakumar,
Vice Principal

Convener

Dr.S.M.Uma
HOD/CSE

Co-ordinators

Ms.R.Sugantha Lakshmi, AP / CSE

Ms.G.Chandra Praba, AP / CSE

Ph: 9894688906

9176184722

**For further information, please contact the
co-ordinators**

REGISTRATION FORM

Name :

Institution Name :

UG/PG & Year :

Department :

Address
for Communication :

Email id :

Mobile No :

Signature of the candidate

CERTIFICATE

This is to certify that is a student
of our department and is permitted to attend the One
Day Workshop on "Ethical Hacking and Cyber Security"

Signature of Head of the Department



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ONE DAY WORKSHOP ON "ETHICAL HACKING & CYBER SECURITY" ON 13.09.19

EXPENDITURE STATEMENT

INCOME BY REGISTRATION (Amt in Rs)		EXPENDITURE (Amt in Rs)	
A. External Participant (61 *200)	12200	a. Dispatch (Brochure, Postal charges)	400
B. Internal Participant (34 *100)	3400	b. Flex & Certificate (100 Nos *10)	1410
		c. Registration Kit	1520
		d. Reception	182
		e. Lunch & Refreshment (Tea,Snacks)	5440
		f. Remuneration	2000
Total Income (a)	15600	Total Expenditure (b)	10952

(a)-(b)=Rs.4648 was given to Head of the Department


Workshop Coordinator

(Ms.R.Suganthalakshmi & Ms.G.Chandra Praba)


HOD/CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2019 - 2020 / ODD SEMESTER
REPORT

1. Name of the event : One day Workshop on "Ethical hacking & Cyber Security"
2. Date & Session : 13.9.19 (FN & AN)
3. Venue : Chera Hall, Kings College of Engineering
4. Name of the Organizer : Mrs.R.Sugantha Lakshmi, AP/ CSE
Mrs.G.Chandra Praba, AP/ CSE
5. Organized for : Engineering/ Polytechnic / Arts students
6. No.of Participants : 95(External - 61, Internal - 34)
7. Resource Person : Dr.T.Thamaraiselvan MCA,M.Phil,MBA,Ph.D
MD,Technical Lead, isysway Technologies, Thanjavur.
Mr.S.Sathish, Security Analyst, isysway Technologies.
8. Purpose : To provide an overview on ethical hacking, various attacks & countermeasures and to make students know how to improve the system security and eliminate potential attacks.
9. Event Photos : Refer Annexure - I

Department of Computer Science and Engineering and MHRD's IIC jointly organized a one day workshop on the topic of "Ethical Hacking & Cyber Security" on September 13th of 2019 at Chera Hall. Mrs.R.Suganthalakshmi, Event Coordinator delivered the welcome address and Mrs.G.Chandra Praba, Event Coordinator gave introduction to the chief guest. Chief guest Dr.T.Thamaraiselvan addressed the gathering with the basics of ethical hacking, various attacks and how the mail ids and other security details are hacked from the internet. Mr.S.Sathish addressed the students with the network security and how the passwords and other details are hacked over the network. He also gave information about the tools used for hacking and its detailed usage procedures. Around 95 participants from KCE and other colleges participated in the event. During the Valedictory function, certificates were distributed to participants by Dr.T.Thamaraiselvan and Mrs.G.Chandra Praba. Coordinator delivered the vote of thanks and the event pleasantly ended.

1. 
2. 

SIGNATURE OF COORDINATORS

(1 . Mrs.R.Suganthalakshmi, AP/CSE)

(2. Mrs.G.Chandra Praba, AP/CSE)


HOD/ CSE



Resource Person Dr.T.Thamaraiselvan, MD and technical lead of isysway technologies, Thanjavur presenting the lecture to the students.



Chief Guest Dr.T.Thamaraiselvan distributing the certificates to the participants.



Coordinator Mrs.G.Chandra Praba, AP/CSE distributing the certificates to the participants.

J. Praveen
20/9/19

02/02/2019,

Punalkulam.

From

HOD/CSE Dept,
Kings College of Engg.,
Punalkulam.

To

The Principal,
Kings College of Engg.,
Punalkulam.

Sub: Requisition to grant permission to conduct Workshop for III & IV year CSE students.

Respected Madam ,

We have planned to conduct workshop on **"PHP Programming"** to third year and final year students by Dr.K.RajivGandhi, Assistant Professor, Department of Computer Science, Alagappa University Constituent College, Paramakudi on 08th Febraury 2019 from 10.00 am to 01.0 pm at Computer lab(Lab1). I request you to kindly grant permission to conduct the workshop .

Thanking you,


Yours sincerely

HOD/CSE

J. Moni
21/2/19.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
ACADEMIC YEAR 2018-2019 (EVEN SEMESTER)

Date: 6.02.2019

INTRADEPARTMENT CIRCULAR

We are going to conduct workshop on “**PHP Programming**” for III & IV Year CSE Students.
The Schedule is as follows.

Friday (08.02.2019) – III & IV Years

Venue – CSE lab I

Time: 10.00 am – 01:00 pm

Faculty Members to attend the program & coordinate the event

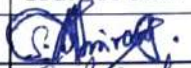




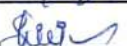
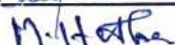

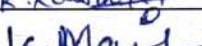
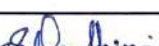
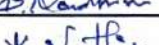
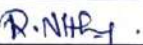
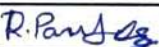
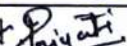
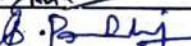
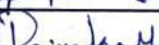
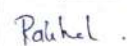
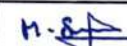

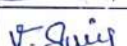

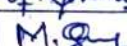
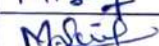


Coordinator


HOD/CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2018-19 EVEN SEMESTER
WORKSHOP ON PHP PROGRAMMING
ATTENDANCE

Class:III/VI

Date:8.2.19

R.NO	REGISTER NUMBER	STUDENT NAME	SIGNATURE
1.	821116104001	ABIRAMI. S	
2.	821116104002	ARAVINDH. S	
3.	821116104003	ARVIND SHIMA. P	AB
4.	821116104004	BAGYA SRI. T	
5.	821116104005	BHARANI DHARAN. N	AB
6.	821116104006	BHARATHVAJ.N	
7.	821116104007	EDWIN RAJ.K	AB
8.	821116104008	GAYATHIRI. R.R.	
9.	821116104009	GIRIJA. S	
10.	821116104010	HARITHA.M	
11.	821116104011	KARTHIKA.K	
12.	821116104012	MAKESH.K	
13.	821116104013	MOHAMMED ABRAR.A	
14.	821116104014	NANDHINI. S	
15.	821116104015	NATHIYA. K	
16.	821116104016	NITHISH KUMAR. P	AB
17.	821116104017	NITHIYA. R	
18.	821116104018	NIVASH. C	AB
19.	821116104019	PAVITHRA.R	
20.	821116104023	PRIYA. K	
21.	821116104024	PRIYADHARSHINI.S	
22.	821116104025	PRIYANKA. M	
23.	821116104026	RAKSHNAH BEGUM. MS	
24.	821116104027	SAMBATH KUMAR.M	
25.	821116104028	SAMEENA FARIJIZ. M	
26.	821116104029	SARANYA.V	
27.	821116104030	SELVARANI. G	
28.	821116104031	SUBHIKSHA. M	
29.	821116104032	SURIYAPRAKASH. M	
30.	821116104033	SURIYAPRIYA.P	

31.	821116104034	THAYUMANAVAN.K	<i>K. Thayumanavan</i>
32.	821116104035	THILAGAVATHI. S	<i>S. Thilagavathi</i>
33.	821116104036	THOORYAVAN.J	<i>J. Thooryavan</i>
34.	821116104037	VENKATESHWARAN. M	<i>M. Venkateshwaran</i>
35.	821116104038	VENKATESWARAN. G	<i>G. Venkateswaran</i>
36.	821116104039	VIDHYADAR.R	<i>R. Vidhyadar</i>
37.	821116104040	VIGNESH.S	<i>S. Vignesh</i>
38.	821116104041	YAZHTHILIPAN. I	<i>I. Yazhthilipan</i>
39.	821116104702	ANANTHAPATHMA PRIYA.A	<i>A. Priya</i>
40.	821116104701	VINODHINI JOYCE. S	<i>S. Vinodhini</i>



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2018-19 EVEN SEMESTER
WORKSHOP ON PHP PROGRAMMING
ATTENDANCE

Year/Sem:IV/VIII

Date:8.2.19

R.NO	REGISTER NUMBER	STUDENT NAME	SIGNATURE
1.	821115104001	Aarthy.M	AB
2.	821115104002	Abinaya.A	Abinaya.A
3.	821115104003	Abinaya.R	Abinaya.R
4.	821115104004	Anandhi.R	AB
5.	821115104005	Anthalapriya.A	Anthalapriya.A
6.	821115104006	Anusha.K	Anusha.K
7.	821115104007	Arschana.U	Arschana.U
8.	821115104008	Atchaya.A	Atchaya.A
9.	821115104009	Balachandar.V	V. Balachandar
10.	821115104011	Dhivyabharathi.C	C. Dhivyabharathi
11.	821115104012	Divya bharathi.K	Divya bharathi.K
12.	821115104013	Elakkiya.M	M. Elakkiya
13.	821115104014	Festus Devapriyan.J.D	Festus Devapriyan.J.D
14.	821115104015	Guna.K	Guna.K
15.	821115104016	Jaquin Diana.A	Jaquin Diana.A
16.	821115104017	Jayaprakash.B	Jayaprakash.B
17.	821115104018	Karthika.P	OD
18.	821115104019	Karthikeyan.C	C. Karthikeyan
19.	821115104020	Kayalvizhi.S	AB
20.	821115104022	Krithika.M	OD
21.	821115104023	Manimozhi.K	OD
22.	821115104024	Meimozhi.B	Meimozhi.B
23.	821115104025	Mirunalini.S	AB
24.	821115104026	Mohamed Ali.M.J	Mohamed Ali.M.J
25.	821115104027	Mohan Kumar.S	Mohan Kumar.S
26.	821115104028	Nandhakumar.S	Nandhakumar.S
27.	821115104029	Nethaji.T.S	T.S. Nethaji
28.	821115104030	Pavitha.C	C. Pavitha
29.	821115104031	Pavithira.M	Pavithira.M
30.	821115104032	Pragadeshwari.M	Pragadeshwari.M

R.NO	REGISTER NUMBER	STUDENT NAME	SIGNATURE
31.	821115104033	Priyadharashini.S	AB
32.	821115104035	Ragul.R	Ragul.R.
33.	821115104036	Rajalakshmi.A	Rajalakshmi.A
34.	821115104037	Rajavarshini.B	AB
35.	821115104039	Rawla Afrin.S	S-Rawla Afrin
36.	821115104040	Samaya.G	G. Samaya
37.	821115104041	Santhosh ram.D	OD
38.	821115104043	Sathya.M	OD
39.	821115104044	Shiyamala.B	OD
40.	821115104045	Sivabalan.R	Sivabalan.R
41.	821115104046	Sowmiya.P	Sowmiya.P.
42.	821115104047	Subash Chandra Bos.R	R. Subash
43.	821115104048	Sugapriya.S	S. Sugapriya
44.	821115104049	Surya.V	OD
45.	821115104051	Swarnaprabaa.P	Swarnaprabaa.P
46.	821115104052	Tamilarasan.M	
47.	821115104053	Thenmozhi.P	Thenmozhi.P
48.	821115104054	Veeramani. T	
49.	821115104055	Vidhya.A	Vidhya.A
50.	821115104056	Vipoosh.V	Vipoosh.V
51.	821115104057	Yamuna.K	Yamuna.K
52.	821115104058	Yuvalakshmi Priya.S	S. Yuvalakshmi
53.	821115104302	Chakkravarthy G	G. Chakkravarthy
54.	821115104304	Buvaneshwari.S	B. Buvaneshwari
55.	821115104502	Pradeep.E	E. Pradeep



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2018-2019/EVEN SEMESTER**

Technical Event Report

- | | | |
|--------------------------|---|--|
| ✓ Name of the Event | : | Workshop |
| ✓ Date & Session | : | 08.02.2019 & FN |
| ✓ Venue | : | Lab I, Kings College of Engineering |
| ✓ Level of the Event | : | Department Level |
| ✓ Name of the Organizer | : | Ms.P.Nalayini, AP, Dept of CSE |
| ✓ Topic | : | PHP Programming |
| ✓ Organized for | : | IV yr Students & III yr Students |
| ✓ Number of Participants | : | 90 |
| ✓ Purpose | : | To develop skills to create server side scripts using PHP |
| ✓ Resource Person | : | Dr. K.Rajiv Gandhi,
Assistant Professor,
Department of Computer Science,
Alagappa University Constituent College,
Paramakudi . |

P.N. 9/2/19
Event Coordinator

J 9/2/19
HOD/CSE

16/2/19

SUMMARY REPORT – WORKSHOP

The workshop on 'PHP Programming' was conducted on 08.02.2019 for III Year & IV year students. Totally 90 students were participated in the event. The main goals of this workshop is

- To understand how server side programming works on the web.
- To learn about PHP and MySQL connectivity.
- To aware about PHP form handling.

The resource person was Dr.K.RajivGandhi, Assistant Professor,Department of Computer Science,Alagappa University Constituent College, Paramakudi.The Topics covered was

- Structured PHP programming
- Database concepts and SQL
- MySQL
- Using MySQL with PHP
- Processing forms with PHP





Resource person Dr. K.RajivGandhi delivering a lecture about PHP Programming

Outcome

Upon completion of this workshop, students are able to

- Use a PHP editing program.
- Develop functional PHP script.
- Develop a MySQL database.
- Understand the use of PHP with HTML.
- Understand the ability to post and publish a PHP website.
- Develop Database connectivity using MySQL.
- Debug script.
- Develop Web Applications.

VP sir

*J. Monu
9/2/19*

P.N. 29/2/19
Event Coordinator



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ONE DAY WORKSHOP ON "MACHINE LEARNING TOOLS & TECHNIQUES"

21.02.19

Registration form

Name in block letters

: A. ANITHA

Department

: CSE

Year

: II year

College Name

: Annai College of Engineering & Technology.

Contact Number

: 9751218020, 9677464566.

Communication Address

: NO: 3/393, Avraiyar Street,
Maharaja Puram, Perambalur (Po). No
Nagai (TK)

Mail_id

: Anirun anitha 2 @ gmail. com .

Amount Paid(Yes/No)

: 150 / -



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ONE DAY WORKSHOP ON "MACHINE LEARNING TOOLS & TECHNIQUES"

21.02.19

Registration form

Name in block letters

Department

Year

College Name

Contact Number

Communication Address

Mail_id

Amount Paid(Yes/No)

: R.CHARANYA
 : Computer Science & Engineering ~~Technology~~
 : II Year
 : Anna College of Engineering & Technology
 : 9677962858
 : 27, Paare Nagar, R.P. Sivan Nagar,
 Mannargudi.
 : Charanyacharass@gmail.com
 : 150/-

02.02.19

Punalkulam.

From

Ms.S.Puvaneswari & Ms.B.Sangeetha,

AP/ CSE,

Kings College of Engineering,

Punalkulam.

To

The Principal,

Kings College of Engineering,

Punalkulam

Respected Madam,

Sub: Requisition to organize one day workshop for UG/ PG students

As we are planned to organize one day workshop on "Machine Learning Tools & Techniques" for the External Participants (including PG Students) on 2102.19. We kindly request you to grant permission to organize this workshop.

Thanking You,

* Include website updation.

Yours Truly,

1. S. Puvaneswari
2. B. Sangeetha

Enclosure : Budget Details

Submitted to
the Principal
J 2/2/19

J. M. M. S.
4/2/19



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ONE DAY WORKSHOP IN “MACHINE LEARNING TOOLS AND TECHNIQUES” ON 21.02.19**

AGENDA

10.00 AM – 10.05 AM	- Prayer Song
10.05 AM – 10.15 AM	- Inaugural function
10.15 AM – 11.45 AM	- SESSION – I
11.45 AM – 12.00 PM	- TEA BREAK
12.00 AM – 1.15 PM	- SESSION 2(HANDS ON TRAINING)
1.15 AM – 2.00 PM	- LUNCH BREAK
02.00 PM – 03.30 PM	- SESSION 3(HANDS ON TRAINING)
03.30 PM – 03.45 PM	- VALEDICTORY FUNCTION



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018 – 19 EVEN SEMESTER

TENTATIVE BUDGET DETAILS FOR ONE DAY WORKSHOP ON “Machine Learning Tools & Techniques”

S.NO	EXPENDITURE	AMOUNT TO BE SPENT
1.	Flex & Brochure (Printing & Dispatch) (50 Nos)	Rs.1000
2.	Certificate (50)	Rs.750
3.	Resource Person	Rs.2000
4.	Registration Kit (50 * 5)	Rs.250
5.	Refreshment (50 Nos)	Rs.4000
TOTAL		Rs.8000/-

Registration Fee Details:

UG Students: Rs.150/-

PG Students: Rs.200/-

Expected Participant Count:50

*J. Mani
4/2/19.*

[Signature]
HOD / CSE



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



TÜV Rheinland
CERT
ISO 9001

STUDENT WORKSHOP INVITE LETTER

ORGANIZING COMMITTEE

Chief Patrons

Dr.R.Rajendran, M.A, M.Phil, Ph.D
Secretary

Mr.T.R.S.Muthukumaar, MBA.,
C.E.O

Patron

Dr.J.Arputha Vijayaselvi, M.E,Ph.D
Principal

Co Patron

Dr. S. Sivakumar, M.Tech, Ph.D
Vice Principal

Convener

Dr.S.M.Uma, M.E,Ph.D
HOD/CSE

Coordinator(s)

Ms.S.Puvaneswari, M.E.,
AP/CSE
Ms.B.Sangeetha, M.Tech.,
AP/CSE

Dear Sir/Madam,

7.2.19

Greetings from Kings College of Engineering!

Sub: Invitation for one day workshop titled "**Machine Learning Tools and Techniques**"

It gives us immense pleasure to inform you that CSE DEPARTMENT, KINGS COLLEGE OF ENGINEERING, Punalkulam is organizing a one day Workshop titled " **Machine Learning Tools and Techniques** " for students of all branches on **21st February 2019**.

The workshop is intended to expose the student members on machine learning concepts and the tools which is used to implement it.

Kindly circulate the enclosed brochure among your students. I request you to motivate the students to participate in the one day workshop and get benefited.

Looking forward to your confirmation

Thanking you

Encl:Brochure

Best regards

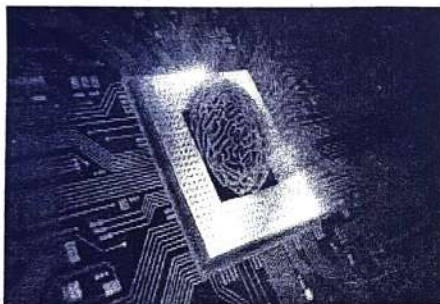
[Signature]
Department of Computer Science & Engg
KINGS COLLEGE OF ENGINEERING
Punalkulam, Gandarvakottai
Pudukottai (Dt) 613 303.



KINGS
COLLEGE OF ENGINEERING
(AICTE Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



**ONE DAY
WORKSHOP ON
MACHINE LEARNING TOOLS &
TECHNIQUES**



21ST FEBRUARY 2019

Organized by,
Department of CSE

Kings College of Engineering

Contact: hodcse@kingsindia.net

ABOUT THE COLLEGE

Kings College of Engineering is an institution which was formed with the singular aim of providing quality education to the poor and under-privileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust, Chennai. The institution offers five UG and four PG programmes and certified with ISO 9001:2008.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was started in the year of 2001. The Department possesses cutting edge technology and laboratories equipped with essential software. We are regularly conducting Symposium, FDP and Conferences to connect with recent technologies. The Department has excellent infrastructure facilities with well equipped Computer Centre, Library, 100 MBps broadband Internet facilities and well qualified and experienced faculty.

ABOUT THE WORKSHOP

Machine learning (ML) is the scientific study of algorithms and statistical models that computer systems use to effectively perform a specific task without using explicit instructions, relying on models and inference instead. It is seen as a subset of artificial intelligence. Machine learning algorithms build a mathematical model of sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed to perform the task.

Anaconda Navigator is a desktop graphical user interface (GUI) included in Anaconda distribution that allows users to launch applications and manage conda packages, environments and channels without using command-line commands. Navigator can search for packages on Anaconda Cloud or in a local Anaconda Repository, install them in an environment, run the packages and update them. It is available for Windows, macOS and Linux.

SESSION OUTLINE

- Basic Concepts of Machine Learning & its techniques
- ANACONDA
- Jupyter Notebook
- Hands on Training

RESOURCE PERSON

Faculties from reputed institutions and industries.

WHO SHOULD ATTEND

Pre final & Final UG(Engineering & Polytechnic) & PG students from the Department of CSE / IT / ECE/ MCA can attend this workshop.

REGISTRATION

Spot registration is permitted. Scanned copy of registration form must be sent through e-mail on or before 18.02.19

UG Students : Rs.150

PG Students : Rs.200

HOW TO APPLY

Applicants are requested to send the duly filled-in registration form along with the registration fee on or before 18.02.2019.

IMPORTANT DATES

Registration : 18.02.2019

Intimation : 19.02.2019

ORGANIZING COMMITTEE**Chief Patrons**

Dr.R.Rajendran

Secretary

Mr.T.R.S.Muthukumaar,
C.E.O

Patron

Dr. J.Arputha Vijaya Selvi,
Principal

Co- Patron

Dr. S. Sivakumar,
Vice Principal

Convener

Dr.S.M.Uma

HOD/CSE

Please mail your registration form to

HOD/CSE,
Kings College of Engineering,
Punalkulam
Thanjavur – 613303

Email: hodcse@kingsindia.net

For further information, please contact

Ms.S.Puvaneswari & Ms.B.Sangeetha
AP / CSE,
Coordinators,
Ph: 99438 96178, 8248162260

REGISTRATION FORM

NAME :
(In Block Letters Only)

Institution /
Organization Name :

Designation :

Department :

Address
for Communication :

Email id :

Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a student of our institute and is permitted to attend the One Day Workshop on "Machine Learning Tools & Techniques"

Signature of Head of the Institution
(With office seal)

Workshop (21.02.19)

Computer Science and Engineering

Annai college of Engineering - $4 + 6 = 10$

Haji Sheik Ismail Engineering - 9

university college of Engineering - 1
(Therkuvadam)

S.K. college of Engineering - 6

Kings college of Engineering - $4 + 3 + 7 = 14$

E.G.S Pillai Engineering - 8

500 x 2	-	1000
200 x 5	-	1000 + 200
100 x 29	-	2900 + 400
50 x 3	-	150
20 x 1	-	0
10 x 5	-	50
		<hr/>
		5100 + 600
		<hr/>

Income \rightarrow 5700

(910)

REPORT ON ONE DAY WORKSHOP ON "MACHINE LEARNING TOOLS & TECHNIQUES" ON 21.02.19

Department of CSE organized one day workshop on "Machine Learning Tools & Techniques" on 21.02.19. Dr.S.M.Uma, Head of the department welcomed the resource person Dr.K.Rajiv Gandhi, Assistant Professor, Alagappa University Constituent College, and also welcomed the participants. Ms.B.Sangeetha Workshop Coordinator, introduced the resource person to the participants. The resource person delivered the keynote address. Totally 50 participants (External - 34 and Internal - 16) attended the workshop. The objective of this workshop was that to gain the knowledge in the area of Python tools which will be helpful to develop their projects. The workshop offered the lecturing session and hands on session. The participants had the real time experience. The hands on training completed at 3.30 pm. The valedictory function began at 3.45 pm. The participant gave the feedback about the workshop. Dr.D.Sivakumar AP, distributed the certificates to the participants. Ms.S.Pavaniswari, workshop coordinator thanked the management, the principal, the resource person, all the participants and all the staff members and technicians who were the backbone of this workshop.

Resource Person Details:

Dr.K.Rajiv Gandhi,

Asst. Prof, Alagappa University Constituent College,

Topics Covered in the workshop:

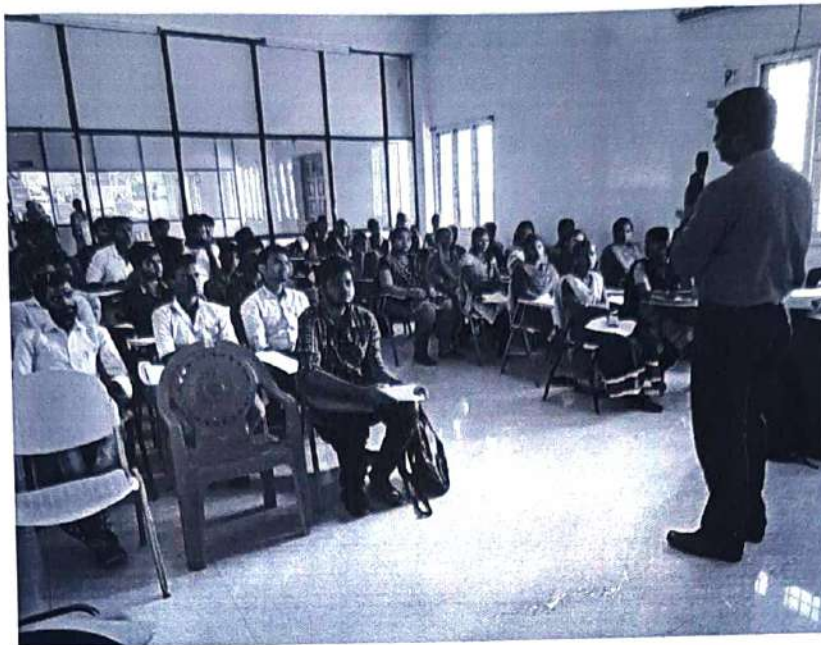
- Basic Concepts of Machine Learning & its techniques
- ANACONDA
- Jupyter Notebook
- Hands on Training



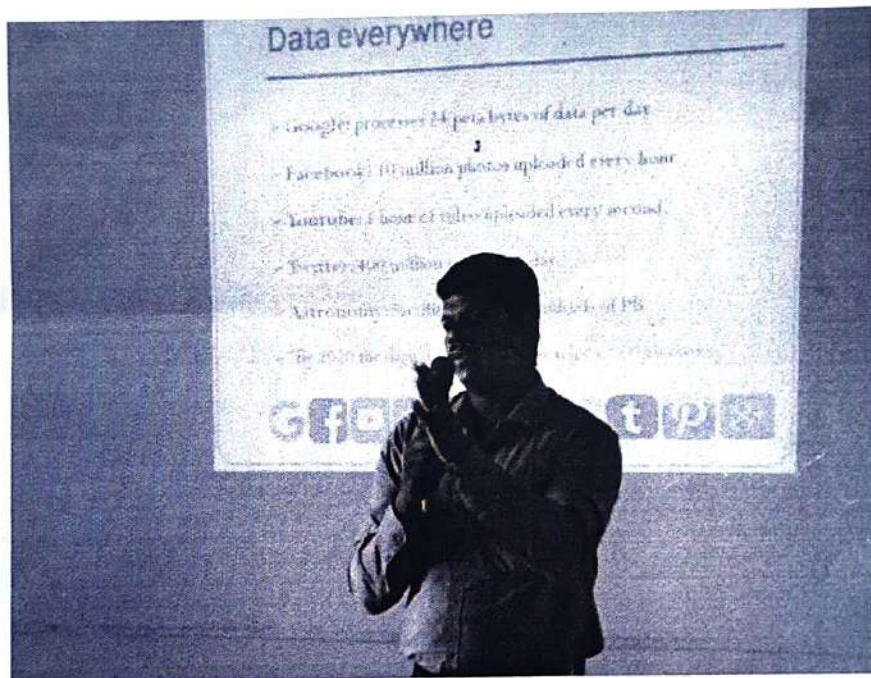
Dr.S.M.Uma, Head of the Dept delivered the Welcome Address



Ms.B.Sangeetha AP/CSE introduced the resource person



Dr.K.Rajiv Gandhi delivered his keynote address.



Dr.K.Rajiv Gandhi delivered his lecture



Hands on Session: Training Session was conducted on afternoon



Certificate Distribution

1. *X. Pur*
2. *[Signature]*
Workshop Coordinator(s)

[Signature]
HOD/CSE

[Signature]

Principal



Dr.S.M.Uma., ,B.E.,M.E., Ph.D.,

HOD/CSE

21.2.19

CERTIFICATE OF APPRECIATION

This is to appreciate Dr. K.RajivGandhi, Assistant Professor, Department of Computer Science, Alagappa University Constituent College, Paramakudi for being the resource person in the one day workshop on "Machine Learning Tools & Techniques" given on 21.2.19 at Kings College of Engineering, Thanjavur.


HOD/CSE

From

S.M.Uma

HOD/CSE

Kings College of Engineering

Punalkulam

Thanjavur

To

Dr. K.RajivGandhi

Assistant Professor

Department of Computer Science, Alagappa University Constituent College

Paramakudi

Dear Sir,

Greetings from Kings College of Engineering!!!

On behalf of staff and students, I express my sincere thanks for your visit to our campus for delivering a lecture in a workshop "Machine Learning Tools & Techniques" on 21.02.2019. The program was very informative and all of our students got benefited. I sincerely thank for your efforts to make this program fruitful.

Thank You,

With regards

 21/2/19



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ONE DAY WORKSHOP ON "MACHINE LEARNING TOOLS & TECHNIQUES" ON 21.02.19

EXPENDITURE STATEMENT

INCOME BY REGISTRATION (Amt in Rs)		EXPENDITURE (Amt in Rs)	
A. External Participant (34 *150)	5100	a. Dispatch (Brochure, Postal charges)	330
B. Internal Participant (16 *100)	1600	b. Certificate (50 Nos *10)	500
		c. Registration Kit	367
		d. Reception	30
		e. Refreshment (Tea,Snacks)	496
		f. Lunch (40*40)	1600
		g. Remuneration	2000
Total Income (a)	6700	Total Expenditure (b)	5323

(a)-(b)=Rs.1377 was given to Head of the Department

S. Puvaneswari
Workshop Coordinator

(Ms.S.Puvaneswari & Ms.B.Sangeetha)

[Signature]
HOD/CSE

06/02/2018,

Punalkulam.

From

HOD/CSE Dept,
Kings College of Engg.,
Punalkulam.

To

The Principal,
Kings College of Engg.,
Punalkulam.

Sub: Requisition to grant permission to conduct Workshop for II & III year CSE students.

Respected Madam ,

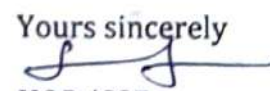
We have planned to conduct workshop on "**Python Programming**" to second and third year students by Mr.S.Anumanth, Technical trainer, Kalvi Educational and Research Institute, Thanjavur on **8th Feb 2018** from **02.00 pm to 04.30 pm**. I request you to kindly grant permission to conduct the workshop and provide the following.

- Water bottle - 1
- Lunch - 1

Thanking you,

*Sub. to Secretary
J. Praveen
6/2/18.*

Yours sincerely


HOD/CSE



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
ACADEMIC YEAR 2017-2018 (EVEN SEMESTER)

Date: 06.02.2018

INTRADEPARTMENT CIRCULAR

We are going to conduct workshop on "Python Programming" for II & III Year CSE Students.
The Schedule is as follows.

Thursday (08.02.2018) - II & III Years

Venue - Pallava hall

Time: 02.00 pm - 02:30 pm

Faculty Members to attend the program & coordinate the event


Coordinator


HOD/CSE

09.02.18

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2017-18 (EVEN SEM)
WORKSHOP REPORT**

Title : PYTHON PROGRAMMING
Date : 08.02.18
Participants : II year and III Year CSE students (94 students)
Resource person : Ms.K.Asha
 Developer and Technical Trainer
 Kalvi Educational and Research Institute
 Thanjavur.

Objective :

To impart overview of Python programming with hands on experience to the batches under regulation of 2013, workshop was organized. Python is a general purpose interpreted, interactive, OO, high-level programme language. It is extensible, rich in libraries, portable and Open Source Software. Workshop was intended to give orientation to the language.



Resource Person handling the session



Interactive session view.



View of student participant

Workshop Outcome :

Students were enlightened about the features of the language with demonstration session. Students were motivated to explore further and enhance their programming skills.

Organized By
(Ms. P. Nalayani)

J. Arunkumar
9/2/18

[Signature]
HOD/CSE

18/07/2017,

Punalkulam.

From

HOD/CSE Dept,
Kings College of Engg.,
Punalkulam.

To

The Principal,
Kings College of Engg.,
Punalkulam.

Sub: Requisition to grant permission to conduct Workshop for IV year CSE students.

Respected Madam ,

We have planned to conduct workshop on "**Network Simulator-NS2**" to Final year students by Mr.M.Manoharan, Head, Projects & operations, Green soft Technologies, Trichy on **21th July 2017** from **10.00 am to 12.30 pm** at pallava hall. I request you to kindly grant permission to conduct the workshop and provide the following.

- | | | |
|----------------|---|---|
| • Water bottle | - | 1 |
| • Lunch | - | 1 |

Thanking you,

Yours sincerely


HOD/CSE

J. Manu
19/7/17



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

ACADEMIC YEAR 2017-2018 (ODD SEMESTER)

Date: 18.07.2017

INTRADEPARTMENT CIRCULAR

We are going to conduct workshop on "NETWORK SIMULATOR NS2" for IV Year CSE Students. The Schedule is as follows.

Friday (21.07.2017) - IV Year

Venue - Pallava Hall

Time: 10.00 am - 12:30 pm

Faculty Members to attend the program & coordinate the event


Coordinator


HOD/CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2017 - 2018 / ODD SEMESTER

NAME LIST

YEAR / SEM: IV / VII

TOTAL NO OF STUDENTS: 34

S.NO	REGISTER NO	STUDENT NAME
1.	821114104001	ABIHAEL. A
2.	821114104002	ABINAYA. J
3.	821114104003	ABIRAMI. B
4.	821114104004	ABIRAMI. D
5.	821114104005	ADALERU. A
6.	821114104006	AISHWARYA. S
7.	821114104008	ANBUOVIYA. V
8.	821114104009	ANUSUYA. G
9.	821114104010	ARUL JOTHI. M
10.	821114104011	BARANITHARAN. M
11.	821114104012	BHOOPATHI RAJ. J
12.	821114104013	DEIVANAL. M
13.	821114104015	GAYATHIRI. P
14.	821114104016	MADHAVAN. S
15.	821114104017	NAGARAJAN. R
16.	821114104019	RAGUWARAN. K
17.	821114104020	RAJAPRASANTH. R
18.	821114104021	RAMESH KUMAR. M
19.	821114104022	SHALINI. T
20.	821114104023	SHANGEETHA. S
21.	821114104024	SIVA SANGARI. R
22.	821114104025	SUBATHA. V
23.	821114104027	SUDIR SUDHARSAN RAO. H
24.	821114104028	SUVITHA. K
25.	821114104029	TAMILNEETHI. N
26.	821114104031	VARSHINI. R
27.	821114104032	VIJAYARAVIND. S
28.	821114104033	VIJAY. R
29.	821114104034	VIKRAM. S
30.	821114104035	YOGESHWARI. K
31.	821114104036	YUVARANI. T
32.	821114104301	BANUMATHI. S. R
33.	821114104302	DHIVAKAR. S
34.	821114104304	RAMYA. T

A. Abil
J. Abinaya
B. Abirami
D. Abirami
A. Adaleru
S. Aishwarya
V. Anbuoviya
G. Anusuya
M. Arul Jothi
M. Baranitharan
J. Bhoothi Raj
M. Deivanal
P. Gayathiri
S. Madhavan
R. Nagarajan
K. Raghuvaran
R. Rajaprasanth
M. Ramesh Kumar
T. Shalini
S. Shangeetha
R. Siva Sangari
V. Subatha
H. Sudir Sudharsan Rao
K. SUVITHA
N. Tamilneethi
R. Varshini
S. Vijayaravind
R. Vijay
S. Vikram
K. Yogeshwari
T. Yuvarani
S. R. Banumathi
S. Dhivakar
T. Ramya

HOD/CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2017- 2018/ ODD SEMESTER

Student Workshop

Programme Report

Title : Network Simulator NS2

Date : 21.07.17

Venue : Pallava Hall

Participants : IVYr

Total Number of Students : 34

Resource Persons : Mr.M.Manoharan

Head,Projects & operations,

Green soft Technologies,

Trichy.

Summary:

The workshop on 'Network Simulator – NS2" was conducted on 21.07.2017 for IV year students. Totally 34 students were participated in the event. The main goals of this workshop is

- to bring network research and engineers to discuss how NS-2 can be used in their research, to incorporate new modules in NS-2 and to discuss the evolution of NS-2 towards NS-3.

- to create an open simulation environment for computer networking research that will be preferred inside the research community.
- to make understand undergraduate and graduate students for the better understanding of underlying network behavior.

The resource person Mr.M.Manoharan, Head,Projects & operations, Green soft Technologies, Trichy.came from Green soft Technologies, Trichy.The following topics were covered in the workshop.

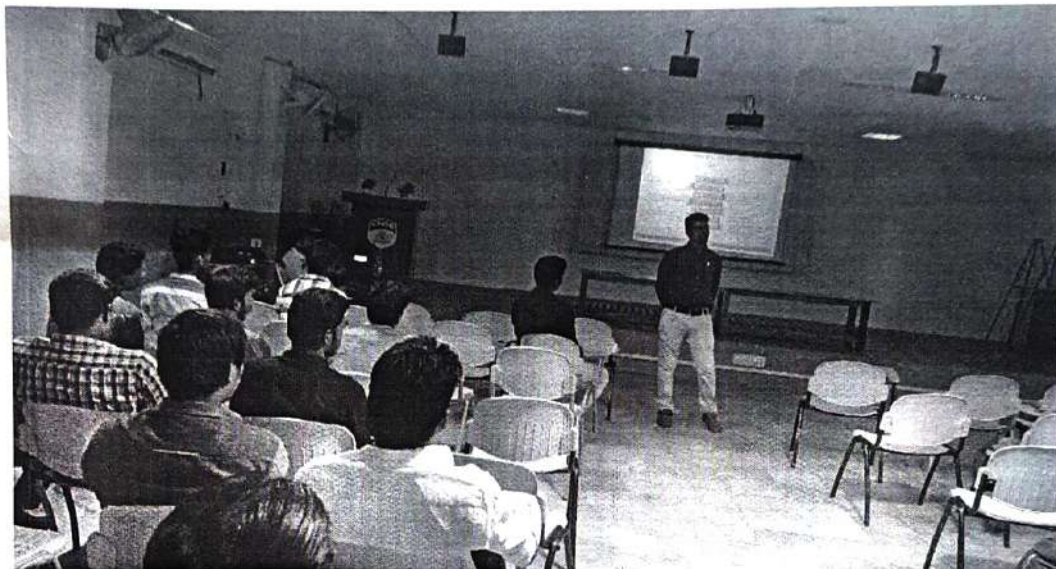
- 1) Introduction
- 2) TCL Programming
- 3) OTcl Programming
- 4) Examples



Resource person delivering lecture at pallava Hall



Resource Person Mr. M. Manohar shows about Simulation projects



Mr. M. Manohar providing presentation about NS2


HOD/CSE



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
ACADEMIC YEAR 2016-2017 (ODD SEMESTER)

Date: 26.07.2016

INTRADEPARTMENT CIRCULAR

We are going to conduct Workshop on "Web Technology" for II & III Year CSE Students. The Schedule is as follows

FRIDAY (29.07.2016) - II & III Year

Venue - Chera Hall

Time: 10:00 am - 12:45 pm

Faculty Members to attend the programme & coordinate the event


Coordinator


HOD/CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2016-2017/ ODD SEMESTER

STAFF NAME LIST

S.NO	STAFF NAME	SIGNATURE
1.	Ms.S.M.UMA, HOD/CSE	
2.	Ms.K.ABHIRAMI HEAD/IQAC	K. Abhirami
3.	Ms.S.PUVANESWARI	S. Puvaneswari
4.	Ms.S.HEMALATHA	S. Hemalatha
5.	Ms.B.SANGEETHA	B. Sangeetha
6.	Mr.K.RAJESH	K. Rajesh
7.	Mr.R.RANITHA	R. Ranitha
8.	Mr.J.JEGAN	J. Jegan
9.	Mr.S.RAJARAJAN	S. Rajarajan
10.	Mr.D.SIVAKUMAR	D. Sivakumar
11.	Ms.P.NALAYINI	P. Nalayani
12.	Mr.K.VIJAYARAGAVAN	K. Vijayaragavan
13.	Ms.R.SUGANTHA LAKSHMI	R. Sugantha Lakshmi
14.	Ms.J.AMBIKA	J. Ambika
15.	Ms.R.ARUNA	R. Aruna
16.	Mr.R.SRIRAMKUMAR	R. Sriram Kumar
17.	Ms.M.KAVITHA	M. Kavitha


HOD/CSE

21.07.2016

From

S.M.Uma
HOD/CSE
Kings College of Engineering
Punalkulam, Thanjavur.

To

The Principal
Kings College of Engineering
Punalkulam, Thanjavur.

Sir,

Sub: Permission request to organize Student Workshop – reg.

We are planning to organize Workshop for our students on **29.07.16 & 10.09.16**. We are submitting the details about workshop herewith.

Programme date	Title of the programme	Duration	Audience	Resource person details
29.07.16	Workshop on "Web Technology" Venue : Chera Hall	(10.00 AM to 04.00 PM)	IIYr & IIIYr(35+57) Totally : 92	Mr.V.Manoj dev, Senior Software Engineer, Occulus Technologies, Trichy
10.09.16	Workshop on "Android App development" Venue: Chera Hall	(10.00 AM to 04.00 PM)	IV Yr(62) Totally : 62	Mr.M.Santhosh Team Lead, Siddhi Soft Solutions , Trichy.

Budget

S.No	Expense details	Total Cost
01	Resource Person remuneration	3,500
02	Certificate expense (Rs. 10per certificate)	1,500
	Total	Rs 5,000

03 Tea(4) & Water Bottle(1) & Lunch(2)

We request you to kindly permit us to organize this workshop for the benefit of our students. Also, requesting you to grant Rs.5,000/- towards organizing this workshop from R&D funds (2.2 column). We request you to permit lunch for resource persons (29.07.16 – 2 nos. & 10.09.16 – 2 nos.) & Upload our department workshop details into our college website.

Thanking you,

Yours sincerely,

S. J 21/7/16
submitted to the principal

21/7

Workshop-reg.

2 messages

sangi geetha <bsangeetha85@gmail.com>
To: drop@oculusit.in

26 July 2016 at 22:50

My name is B.Sangeetha ,AP/CSE from kings college of engineering
.Punalkulam

We are planning to organize one day workshop title "WEB TECHNOLOGY"
on 29.07.16.

i kindly request you to give a acceptance to take a workshop of our
students from II and IIIyr (around 93 students).

Thanking you

Managing Director <drop@oculusit.in>
To: sangi geetha <bsangeetha85@gmail.com>

27 July 2016 at 00:21

Dear Sangeetha,

We happily accept the proposal of workshop,the title is "Web Technology" going
to be held on 29.7.16 .Please accept this mail as a formal acceptance.

Here by i attach the profile of Software Engineers who are going to present the
workshop for your reference.

[Quoted text hidden]

—
D.Anbu.B.E.,M.E.,Ph.D.
Managing Director,
Oculus Technologies Pvt Ltd,
No.7 & 3rd Floor,Periyasamy Towers,
Trichy-2.
www.oculusit.in
www.projectone.in
Phone : 0431-2714006.
O.Mobile:986517006
P.Mobile : 9842709178



Sanjeevi-profile-new.docx
15K


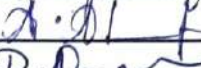
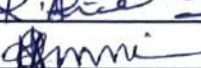
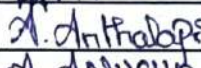
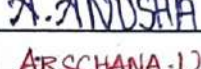
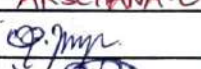

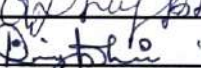
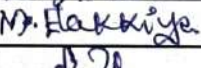

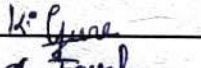
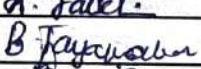
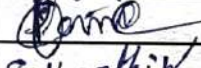
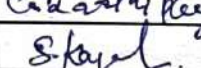
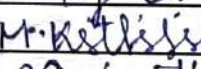
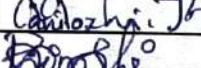
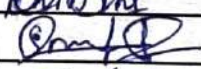
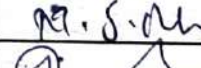







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2016-2017/ODD SEMESTER

CLASS: II

WORKSHOP ATTENDANCE

Date: 29.07.16

SEM: III

S.NO	REGISTER NUMBER	STUDENT NAME	SIGNATURE
1.	821115104001	Aarthy.M	
2.	821115104002	Abinaya.A	
3.	821115104003	Abinaya.R	
4.	821115104004	Anandhi.R	
5.	821115104005	Anthalapriya.A	
6.	821115104006	Anusha.K	
7.	821115104007	Arschana.U	
8.	821115104008	Atchaya.A	
9.	821115104009	Balachandar.V	
10.	821115104011	Dhivyabharathi.C	
11.	821115104012	Divya bharathi.K	
12.	821115104013	Elakkiya.M	
13.	821115104014	Festus Devapriyan.J.D	
14.	821115104015	Guna.K	
15.	821115104016	Jaquin Diana.A	
16.	821115104017	Jayaprakash.B	
17.	821115104018	Karthika.P	
18.	821115104019	Karthikeyan.C	
19.	821115104020	Kayalvizhi.S	
20.	821115104022	Krithika.M	
21.	821115104023	Manimozhi.K	
22.	821115104024	Meimozhi.B	
23.	821115104025	Mirunalini.S	
24.	821115104026	Mohamed Ali.M.I	
25.	821115104027	Mohan Kumar.S	
26.	821115104028	Nandhakumar.S	

S.NO	REGISTER NUMBER	STUDENT NAME	SIGNATURE
27.	821115104029	Nethaji.T.S	r.s.nethaji
28.	821115104030	Pavitha.C	C.Pavitha
29.	821115104031	Pavithira.M	M.Pavithira
30.	821115104032	Pragadeshwari.M	M.Pragadeshwari
31.	821115104033	Priyadharashini.S	AB
32.	821115104034	Priyanga.S	S.Priyanga
33.	821115104035	Ragul.R	R.Ragul
34.	821115104036	Rajalakshmi.A	A.Rajalakshmi
35.	821115104037	Rajavarshini.B	B.Rajavarshini
36.	821115104038	Ranjith.A	A.Ranjith
37.	821115104039	Rawla Afrin.S	S.Rawla Afrin
38.	821115104040	Samaya.G	G.Samaya
39.	821115104041	Santhosh ram.D	D.Santhosh Ram
40.	821115104042	Sarathkumar.P	AB
41.	821115104043	Sathya.M	M.Sathya
42.	821115104044	Shiyamala.B	B.Shiyamala
43.	821115104045	Sivabalan.R	R.Sivabalan
44.	821115104046	Sowmiya.P	P.Sowmiya
45.	821115104047	Subash Chandra Bose R	R.Subash Chandra
46.	821115104048	Sugapriya.S	S.Sugapriya
47.	821115104049	Surya.V	V.Surya
48.	821115104050	Sushman.S	S.Sushman
49.	821115104051	Swarnaprabha.P	P.Swarnaprabha
50.	821115104052	Tamilarasan.M	M.Tamilarasan
51.	821115104053	Thenmozhi.P	P.Thenmozhi
52.	821115104054	Veeramani. T	T.Veeramani
53.	821115104055	Vidhya.A	A.Vidhya
54.	821115104056	Vipoosh.V	V.Vipoosh
55.	821115104057	Yamuna.K	K.Yamuna
56.	821115104058	Yuvalakshmi Priya.S	S.Yuvalakshmi Priya
57.		Priyadharshini	AB
58.		G.B. Maneshwari	G.B. Maneshwari
59.		N. NAVEEN	N. NAVEEN

60

G. CHAKKARAVATHI

G. Chakkaravathi

COORDINATOR

(Ms.B.SANGEETHA, AP/CSE)

Total: 59

Present: 57

Absent: 02

HOD/CSE

**KINGS**COLLEGE OF ENGINEERING
Pudukulam, Thanjavur

Approved by AICTE, Affiliated to Anna University, Accredited by NBA

TUV Rheinland
CERT
ISO 9001**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

ACADEMIC YEAR 2016 - 2017/ ODD SEMESTER

Class : III CSE

SEM : V

WORKSHOP ATTENDANCE

Date: 29.07.16

R.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1.	821114104001	ABIHAEL. A	A. Atila
2.	821114104002	ABINAYA. J	J. Abinaya
3.	821114104003	ABIRAMI. B	B. ABIR
4.	821114104004	ABIRAMI. D	D. ABIR
5.	821114104005	ADALERU. A	A. ADALERU
6.	821114104006	AISHWARYA. S	S. Aishwarya
7.	821114104008	ANBUOVIYA. V	V. Anbuviya
8.	821114104009	ANUSUYA. G	G. Anusuya
9.	821114104010	ARUL JOTHI. M	M. Arul Jothi
10.	821114104011	BARANITHARAN. M	M. BARANITHARAN
11.	821114104012	BHOOPATHI RAJ. J	J. BHOOPATHI
12.	821114104013	DEIVANAI. M	M. Deivana
13.	821114104015	GAYATHIRI. P	P. Gayathri
14.	821114104016	MADHAVAN. S	S. Madhavan
15.	821114104017	NAGARAJAN. R	R. Nagarajan
16.	821114104019	RAGUWARAN. K	K. Ragupathi
17.	821114104020	RAJAPRASANTH. R	R. Rajaprasanth
18.	821114104021	RAMESH KUMAR. M	M. Ramesh Kumar
19.	821114104022	SHALINI. T	T. Shalini
20.	821114104023	SHANGEETHA. S	S. Shangeetha
21.	821114104024	SIVA SANGARI. R	R. Siva Sangari
22.	821114104025	SUBATRA. V	V. Subatra
23.	821114104027	SUDIR SUDHARSAN ROA. H	H. Sudir Sudharsan
24.	821114104028	SUVITHA. K	K. SUVITHA
25.	821114104029	TAMILNEETHI. N	N. Tamilneethi
26.	821114104030	THIRUMURUGAN. S	S. Thirumurugan
27.	821114104031	VARSHINI. R	R. Varshini
28.	821114104032	VIJAYARAVIND. S	S. Vijayaravind
29.	821114104033	VIJAY. R	R. Vijay
30.	821114104034	VIKRAM. S	S. Vikram
31.	821114104035	YOGESHWARI. K	K. Yogeshwari
32.	821114104036	YUVARANI. T	T. Yuvarani
33.	821114104301	BANUMATHI. S. R	R. Banumathi
34.	821114104302	DHIVAKAR. S	S. Dhivakar
35.	821114104304	RAMYA. T	T. Ramya

Coordinator
(Ms. B. SANGEETHA)

Total: 35
Present: 33
Absent: 2
2 (OP)

S. Sangeetha
29/7/16
HOD/CSE



KINGS COLLEGE OF ENGINEERING
PUNALKULAM




CERTIFICATE OF PARTICIPATION

*This is to certify that Mr./Ms. Santhosh nam II - CSE has attended the
One day workshop titled "WEB TECHNOLOGY" on 29.07.2016 organized by
Department of Computer Science & Engineering*


WORKSHOP CO-ORDINATOR
(Ms.B.Sangeetha)


HOD/CSE
(Ms.S.M.Uma)


PRINCIPAL
(Dr.S.Durairaj)



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CRITERION: 3.2.2

Department of Electronics and Communication Engineering

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	Kings Project Expo-2K18	187
2016-17	Seminar on Embedded Real Time Operating System and its Applications	193

A REPORT

ON

LIVE ONLINE WEBINAR TITLED

"AGILE METHODOLOGY".

01st JUNE 2020



Organized by

Department of Electronics and Communication Engineering

KINGS COLLEGE OF ENGINEERING, PUNALKULAM

A NAAC Accredited Institution

Recognized under 2(f) & 12(B) of UGC

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone : 04362-282474, 282395 Website : www.kingsindia.net

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3.	Annexure: II (Registration Details)	06
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A Glimpse on the Background of Webinar:

In KCE, Department of Electronics and Communication Engineering, has organized a online Webinar titled “AGILE METHODOLOGY” on 01st June 2020 from 11.00 a.m to 12.00 p.m.

The main objective of this Webinar is to utilize the lockdown period by providing the basic knowledge about the Agile Methodology.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this Webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mrs.R.Ponni, AP/ECE, Mr.R.Sathyaraj, AP/ECE & Mrs.D.Vennila, AP/ECE were the program coordinators.

OVERVIEW OF THE WEBINAR:

ABOUT THE RESOURCE PERSON:

The resource person for the webinar was Mr.S.Srinath, Technical Lead, Tata Consultancy Services, Chennai.

ABOUT THE REGISTRATION PROCESS:

The webinar was planned to conduct via Google meet platform. The registration link was created through Google forms and the link was posted in various Whats app groups.

Registration Link: <https://tinyurl.com/KCEAgile>.

We have received 260 responses from various institutions. Before one day of the Webinar, we have stopped receiving the registration response. For all the registered participants we gave the confirmation mail for our Webinar participation. Then the registered participant were asked to join in our Whats App group named “ KINGS WEBINAR ON AGILE METHODOLOGY”. On that day of the program, the webinar Google meet link was given to all the registered participants 1 hour before the commencement of the program through their E-Mail Id and also through the Whats App group.

ABOUT THE WEBINAR:

The webinar was started at 11.00 a.m with 204 participants. Mrs. D.Vennila, AP/ECE coordinator of this webinar welcomed the resource person and the participants by the words and she gave

the Introduction about the Resource person. Then the session was handed over to the Resource person. He gave very clear explanation about the title of the Webinar.

AGILE methodology is a practice that promotes continuous iteration of development and testing throughout the software development lifecycle of the project. Both development and testing activities are concurrent unlike the Waterfall model.

Finally he gave some real time examples of Agile methodology.

At 11.55 she comes to the end of the session. The queries were asked by the participants for 10 minutes. He gave the answers for all the queries. At 12.10 p.m we have posted the Feedback link Via the chat box.

Feedback Link: <https://forms.gle/NccfwsNkFoZdYkpH6>

Finally, Mr. R.Sathyaraj, AP/ECE coordinator of this webinar gave the vote of thanks with a word. Thus the program ended successfully.

OUTCOME:

We received 260 registrations from 138 various Institutions.

Among the 260 registered participants 204 have attended the session.

All the 204 participants gave the feedback about the webinar via the Feedback Link.

The E-Certificate was provided to all the attendees through their E-mail Id.

Annexure: I

BROCHURE



INSTITUTION OF INNOVATION & CREATIVITY
KINGS COLLEGE OF ENGINEERING
IEEE STB16621
BAAE Accredited & ISO Certified Institution
Recognized by UGC under 2(F) & 12(B)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Pondicherry, Government of Tamil Nadu, Puducherry District - 605 006

Webinar on AGILE METHODOLOGIES

Organized by
Department of
Electronics and Communication Engineering



Srinath S
Technical Lead
TCS
Chennai

 01.06.2020
Monday

 11:00 - 12:00 noon


Google Meet

Registration link: <https://tinyurl.com/KCEAgile>

Coordinators
Mrs. R. Ponni, AP/ECE | Mrs. D. Vennila, AP/ECE | Mr. R. Sathyaraj, AP/ECE

Convener
Mrs. N. Mangaiyarkarasi
HOD/ECE

Patron
Dr. J. Arputha Vijaya Selvi
Principal

Annexure: II
Registration Details

S.NO	Name of the Institution	CITY	No. of Participants
1.	A.V.C. College of Engineering	Nagapattinam	01
2.	Ahalia school of engineering and technology	Palakkad	01
3.	Amity University Lucknow	Lucknow	01
4.	Amrita Polytechnic College	Nagercoil	02
5.	Annamacharya institute of technology and sciences	Kadapa,Andhra Pradesh	03
6.	Apj Abdul kalam university, indore	GANGAVATHI	01
7.	Arunachala college of engineering for women	Marthandam	03
8.	Arunachala college of engineering for women	Nagercoil	01
9.	Arunai Engineering College	Tiruvannamalai Tamil	01
10.	AUDISANKARA INSTITUTE OF TECHNOLOGY	NELLORE	01
11.	AVC COLLEGE OF ENGINEERING	MAYILADUTHURAI	01
12.	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	11
13.	Basaveshvar Engineering College	Bagalkot	14
14.	Bethlahem Institute of Engineering	Marthandam	01
15.	Bharath Corporate, India	Coimbatore	02
16.	Bharath Institute of Higher Education and Research	Chennai	01
17.	BHIMAVARAM INSTITUTE OF ENGINEERING AND	BHIMAVARAM	01
18.	Bholabhai Patel College of Computer Studies	Gandhinagar	01
19.	BIT,sathy	Erode	01
20.	C.ABDUL HAKEEM COLLEGE (AUTONOMOUS)	Ranipet District	01
21.	CAMELLIA INSTITUTE OF ENGINEERING &	Kalyani	01
22.	Chitkara University	BADDI	01
23.	College of engineering roorkee uttarakhand	Haridwar	01
24.	D. Y. Patil Institute of MCA and Management, Akurdi,	Pune	01
25.	D.N.R College of Engineering and Technology	BHIMAVARAM	01
26.	Dhanalakshmi srinivasan engineering college	Perambalur	01
27.	DNR COLLEGE OF ENGINEERING & TECHNOLOGY	Bhimavaram	04
28.	Dr. Rammanohar Lohia Avadh University Ayodhya	Ayodhya	01
29.	Dr.N.G.P ARTS AND SCIENCE COLLEGE	Coimbatore	02
30.	Dr.Umayal Ramanathan College for Women	Karaikudi	01
31.	Er.permula manimekalai college of engineering	Hosur	01
32.	EXCEL BUSINESS SCHOOL	NAMAKKAL	02

33.	Excel College of Engineering and Technology	Namakkal	01
34.	EXCEL POLYTECHNIC COLLEGE	NAMAKKAL	01
35.	Francis Xavier Engineering College	Tirunelveli	07
36.	G Pullareddy engineering college	Kadapa	01
37.	Ganadipathy Tulsi's Jain Engineering College	Vellore	01
38.	GEC BARTON HILL	Trivandrum	01
39.	Gnanamani college of technology	Namakkal	01
40.	Government College of Engineering,Tirunelveli	Tirunelveli	01
41.	GOVT. ARTS AND SCIENCE COLLEGE, GUDALUR,	The Nilgiris	01
42.	IARE	HYDERABAD	01
43.	Jai shriram engineering college	Tirupur	01
44.	Jawaharlal College of Engineering and Technology	Palakkad	02
45.	Jeppiaar engineering college	Chennai	01
46.	Jeppiaar maamallan engineering college	Chennai	03
47.	JEPPIAAR SRR ENGINEERING COLLEGE	Chennai	03
48.	Jerusalem College of Engineering	Chennai	01
49.	K. Ramakrishnan College of Engineering	Trichy	02
50.	K.S.R College of Engineering	Namakkal	01
51.	Kalasalingam Academy of Research and Education	Virudhunagar	01
52.	Karpagam Academy of Higher Education	Coimbatore	02
53.	Karunya Institute of Technology and Sciences	COIMBATORE	01
54.	KEC	Erode	01
55.	Kings College of Engineering	Thanjavur	27
56.	Kings college of engineering	Chennai	01
57.	KLE'S BCA HUBLI	Hubli	01
58.	Kongu engineering college	Dharmapuri	10
59.	KONGUNADU POLYTECHNIC COLLEGE	Trichy	01
60.	KPR INSTITUTE OF ENGINEERING AND	COIMBATORE	01
61.	LNCT BHOPAL	Bhopal	01
62.	Loyola College	Chennai	01
63.	LTI(L&t infotech)	Trichy	01
64.	M.A.M. College of Engineering	Trichy	01
65.	Madanapalle Institute of Technology & Science	Madanapalle	01
66.	MAHENDRA COLLEGE OF ENGINEERING	SALEM	01
67.	Mahendra Engineering College	Mayiladuthurai	01
68.	Mahendra Engineering College	Namakkal	01
69.	Mahendra Institute of Technology	Salem	01
70.	MAILAM ENGINEERING COLLEGE	Villupuram	03

71.	MALLA REDDY ENGINEERING COLLEGE	HYDERABAD	03
72.	Mandsaur University	Mandsaur	01
73.	MMEC	Belagavi	01
74.	MNM Jain Engineering College	Vandavasi	01
75.	Mnsk college of Engineering	Pudukkottai	01
76.	MOHAMED SATHAK ENGINEERING COLLEGE	RAMANATHAPURAM	01
77.	Muthayammal Engineering College	Salem	05
78.	NANDHA ENGINEERING COLLEGE	Tirupur	01
79.	Narayana Engineering College	Nellore	01
80.	National College	Trichy	01
81.	Panimalar engineering college	Tenkasi	01
82.	PANIMALAR ENGINEERING COLLEGE	Chengalpattu	01
83.	Panimalar institute of technology	Chennai	01
84.	Pondicherry Engineering College	Puducherry	01
85.	Ponjesly college of engineering	Marthandam	03
86.	PRATHYUSHA ENGINEERING COLLEGE	chennai	03
87.	PSN College of Engineering and Technology	Tirunelveli	02
88.	PSNA College of Engg.&Tech.	Dindigul	04
89.	Rabindrasadan Girls' College	Karimganj, Assam	01
90.	RAMAKRISHNA MISSION VIVEKANANDA COLLEGE	Mylapore,	01
91.	Rohini college of Engineering and Technology	Kanyakumari	01
92.	S.W.C.E.T., HYDERABAD	Hyderabad	01
93.	Sarah Tucker College	TIRUNELVELI	01
94.	Saranathan College Of Engineering	Tiruchirappalli	02
95.	Sastra	Thanjavur	01
96.	Sathyabama institute of science and technology	Chennai	12
97.	Sathyabama institute of science and technology	Andhra Pradesh	01
98.	Sathyabama institute of science and technology	Nandyal	01
99.	Sathyabama institute of science and technology	Kadiri	01
100.	Sathyabama institute of science and technology	Hyderabad	01
101.	Sathyabama institute of science and technology	Narsapur	01
102.	Sathyabama institute of science and technology	TIRUPATI	01
103.	Sathyabama institute of science and technology	Trichy	01
104.	Sathyabama institute of science and technology	Patna	01
105.	sathyabama institute of technology	Andhra pradesh	01
106.	SATHYABAMA UNIVERSITY	Peddagopavaram	01
107.	SATHYABAMA UNIVERSITY	Kurnool	01
108.	SATHYABHAMA UNIVERSITY	Rajamundry	01
109.	School of CSE, VIT Vellore	Vellore	01

110.	Sethu Institute of Technology	Virudhunagar	02
111.	Shadan Women's College of Engineering and	Hyderabad	01
112.	Shanmuga Industries Arts & Science College,	Tiruvannamalai	02
113.	Shree Rayeshwar Institute of Engineering &	Ponda, Goa	01
114.	Siddaratha institute of science and technology	Puttur	01
115.	SONA COLLEGE OF TECHNOLOGY	Salem	01
116.	Sri krishna college of engineering and technology	Salem	01
117.	Sri Ramakrishna Institute of Technology	Coimbatore	01
118.	Sri Ranganathar Institute of Engineering and	Coimbatore	01
119.	SRI SAI RAM INSTITUTE OF TECHNOLOGY	Chennai	02
120.	Sri Sairam college of engineering	Bangalore	01
121.	Sri venkateshwaraa College of engineering and	Pondicherry	01
122.	SRM TRP ENGINEERING COLLEGE	Trichy	02
123.	SRM Valliammai Engineering College Chennai	Chennai	01
124.	St joseph's college(Autonomous)trichy-02	Trichy	05
125.	St. Peter's College of engineering and technology	Chennai	01
126.	St. Xavier's Catholic College of Engineering	Nagercoil	02
127.	St.Joseph's College of Engineering and Technology	Thanjavur	01
128.	St.Mother Theresa Engineering College	Tuticorin	02
129.	Surya Group Of Institutions	VIKRAVANDI	02
130.	Swamy abedhanandha polytechnic college	Tamilnadu	01
131.	Thiagarajar college of engineering	Madurai	02
132.	Trini-PI Technology Solutions Private Limited	Chennai	01
133.	V.s.b college of my engineering technical campus	Coimbatore	01
134.	VALLEY VIEW UNIVERSITY	EJURA	01
135.	Vel Tech High Tech Dr.RR Dr.SR Engg College Avadi	Chennai	01
136.	Visvesvaraya College of Engineering and Technology	Chennai	01
137.	VSB Engineering College	Vellakovil	01
138.	WOLLO UNIVERSITY, Ethiopia	Kombolcha	01
Total No. of Participants Registered.			260



HOD/ECE



Principal

Annexure: III
Registration Form

Questions Responses 260



KINGS-Webinar on "AGILE METHODOLOGY".

Kings College of Engineering, Punalkulam, Gandarvakkottai, Pudukkottai D.T.

Webinar date: 01-06-2020 @ 11.00 a.m to 12.00 pm.

Follow this link to join in our Whatsapp group (KINGS WEBINAR - AGILE METHODOLOGY) for further communication. <https://chat.whatsapp.com/KuXZLpZSq677tD8n0mc6RA>

Email address *



Annexure: IV

Feedback Form

Questions Responses **204** Total points: 0



Feedback Form

Webinar on " AGILE METHODOLOGY" - (01 JUNE 2020)

Email address *

Valid email address

This form is collecting email addresses. [Change settings](#)

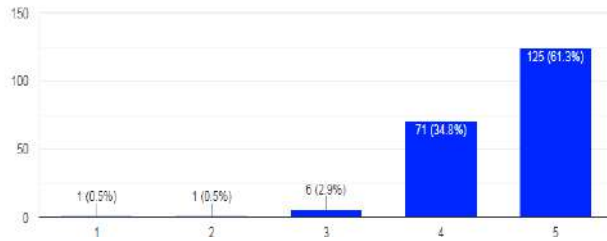
On the right side of the form, there is a vertical toolbar with icons for: adding a new question (+), cloning a question (two overlapping squares), deleting a question (trash can), editing a question (pencil), previewing the form (play button), and toggling the form on/off (checkbox).

Annexure: V

Feedback Response

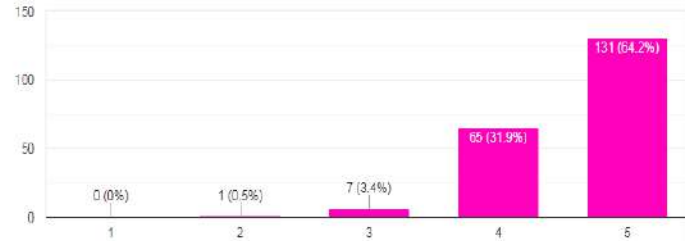
What is your level of satisfaction for the Webinar?

204 responses



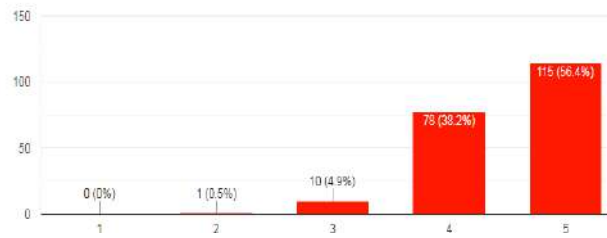
How was the Content of the presentation

204 responses



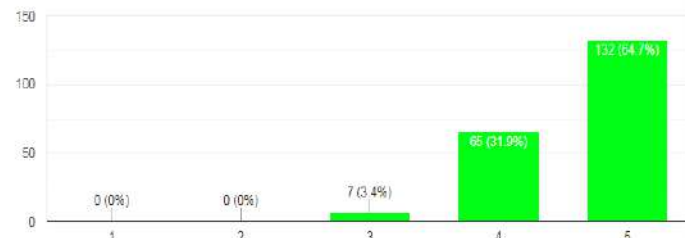
Audio / Video quality

204 responses



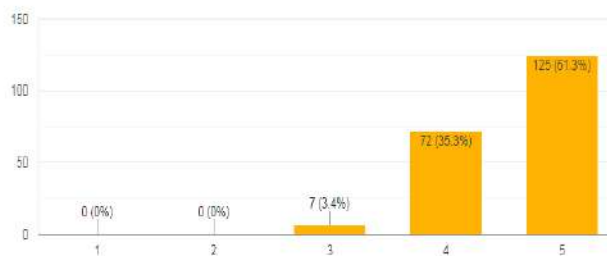
How was the focus of the topic?

204 responses



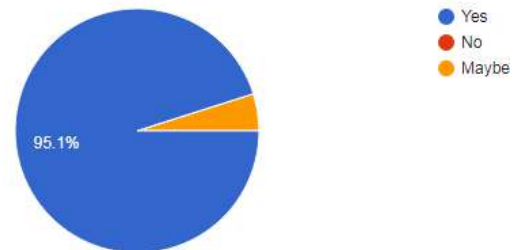
Overall, how would you rate this event

204 responses



Would you like to attend these kind of webinar in future

204 responses



Annexure: VI
Sample Certificates





INSTITUTION'S
INNOVATION
COUNCIL
(ASSOCIATE OF IEEE INDIAN)



KINGS
COLLEGE OF ENGINEERING



NAAC Accredited & ISO Certified Institution
Recognized by UGC under 2(f) & 12(B)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

A REPORT

ON

LIVE ONLINE WEBINAR TITLED

“Women in Engineering”

24th NOVEMBER 2020



Organized by
Department of Electronics and Communication Engineering
KINGS COLLEGE OF ENGINEERING, PUNALKULAM
A NAAC Accredited Institution

Recognized under 2(f) & 12(B) of UGC
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Phone : 04362-282474, 282395

Website : www.kingsindia.net

A Glimpse on the Background of Webinar:

In Kings College of Engineering, Department of Electronics and Communication Engineering, has organized a online Webinar titled “**Women in Engineering**” on 24th November 2020, from 12.30.p.m. to 1.30 p.m.

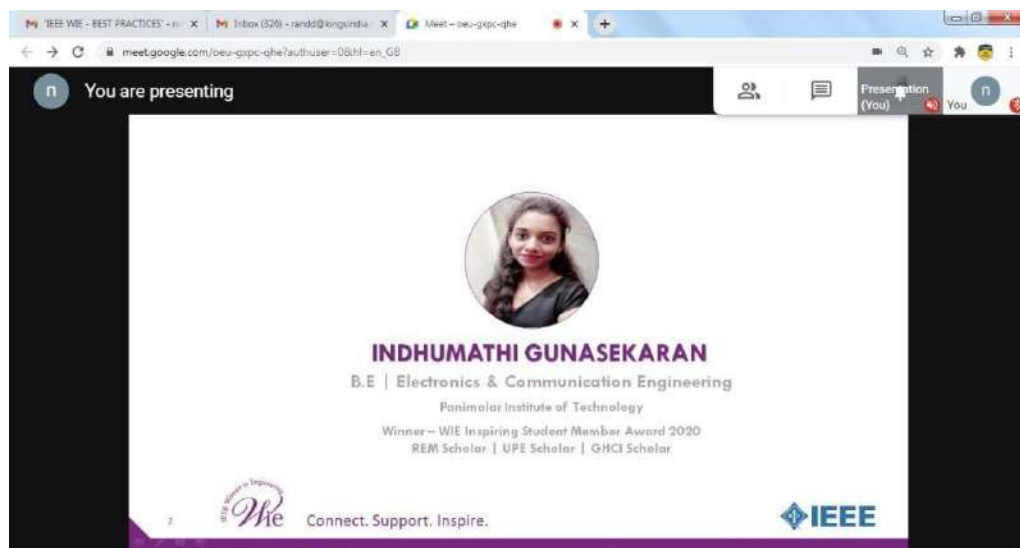
The main objective of this Webinar is to utilize the lockdown period by providing the knowledge about the Volunteering Opportunities in IEEE – WIE, (STAR) Program, IEEE WIE Awards of girls students .

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this Webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mr.R.Balakrishnan AP/ECE, and Mr. J. Niranjan Samuel, JRF/ECE- R&D were the program coordinators.

OVERVIEW OF THE WEBINAR:

ABOUT THE RESOURCE PERSON:

The resource person for the webinar was Ms. Indhumathi Gunasekaran, Senior Software Developer, Accenture, Bangalore, India.



ABOUT THE REGISTRATION PROCESS:

The webinar was planned to conduct via Google Meet platform. The registration link was created through Google forms and the link was posted in various WhatsApp groups.

Registration Link:

<https://forms.gle/pvci7qvu1eZcTS3D6>

We have received 70 responses from various institutions. Before one day of the Webinar, we have stopped receiving the registration response. For all the registered participants we gave the confirmation mail for our Webinar participation.

On that day of the program, the webinar Google meet link was given to all the registered participants 1 hour before the commencement of the program through their E-Mail Id.

ABOUT THE WEBINAR:

- ✓ The webinar was started at 12.30.p.m. with 70 participants.
- ✓ Mr.R.Balakrishnan, AP/ECE coordinator of this webinar welcomed the resource person and the participants by the words, and also introduced the Resource person. Then the session was handed over to the Resource person.
- ✓ Resource person gave very clear explanation about the Title of the **“Women in Engineering”** through the following sub-topics:
 - ❖ Volunteering Opportunities in IEEE – WIE,
 - ❖ (STAR) Program
 - ❖ IEEE WIE Awards
 - ❖ The process involved in submitting the application for IEEE WIE SM Award.
 - ❖ She motivated the student to join IEEE-WIE and serve for the betterment of the society.
 - ❖ She concluded her lecture saying that IEEE paves a way for its members to mould themselves and shine globally.

At 1.15.p.m she comes to the end of the session. The queries were asked by the participants for 15 minutes. She gave the answers for all the queries. At 1.30 p.m. we have posted the Feedback link via the chat box.

Feedback Link:

- ✓ Finally, Mr. J. Niranjan Samuel, JRF/ECE-R&D webinar gave the vote of thanks with words. Thus the program ended successfully.

OUTCOME:

- ✓ We received 125 registration from various Institutions.
- ✓ Among the 125 registered participants 70 have attended the session.
- ✓ All the 70 participants gave the feedback about the webinar via the Feedback Link.
- ✓ The E-Certificate was provided to all the attendees through their E-mail Id.

BROCHURE

Webinar on Women in Engineering

Organized by
Department of
Electronics and Communication Engineering



Ms. Indhumathi Gunasekaran
Associate Software Engineer
Accenture, India.



24.11.2020
Tuesday



12:30 p.m.- 01:30 p.m.



Registration link: <https://forms.gle/Pvci7qvu1eZcTS3D6>

Coordinators

Mr. R. Balakrishnan, AP/ECE & Mr. J. Niranjana Samuel, JRF/ECE-R&D

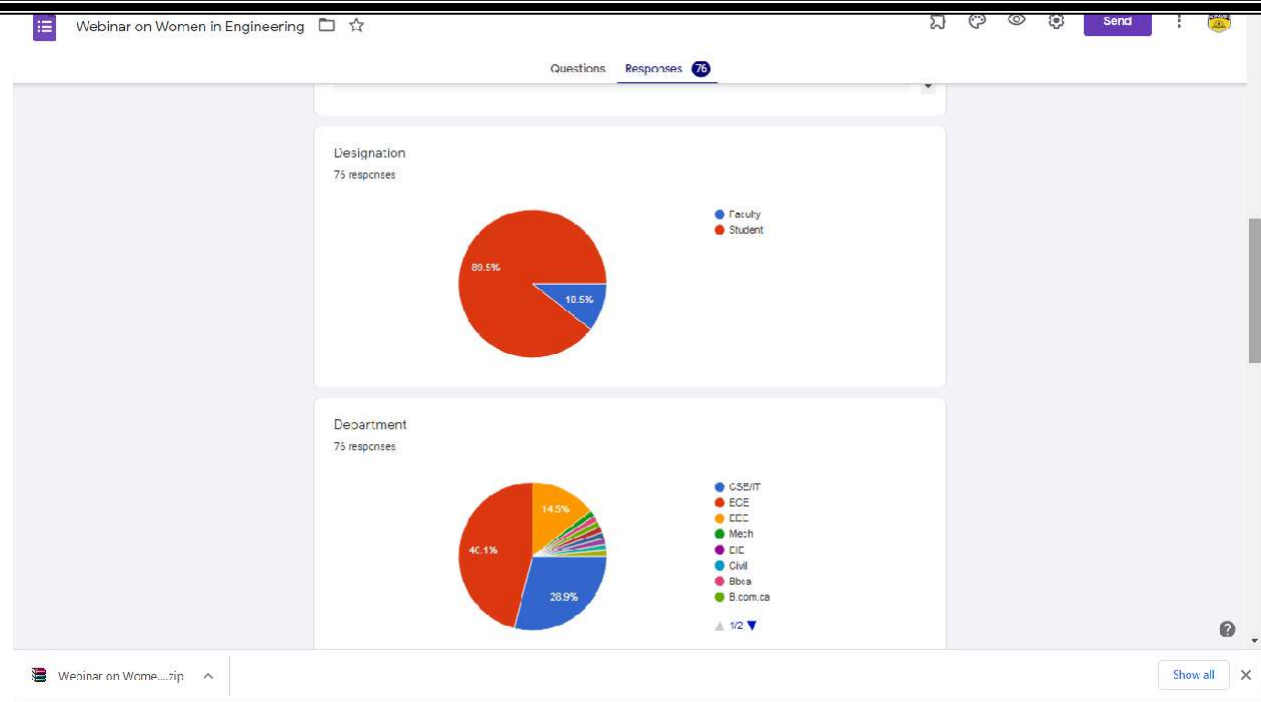
Convener

Mrs. N. Mangaiyarkarasi
HOD/ECE

Patron

Dr. J. Arputha Vijaya Selvi
Principal

[Feedback Response](#)



Report by

Mr.R.BALAKRISHNAN,

AP/ECE

Kings College of Engineering,

Punalkulam, Pudukkottai

rbala.krish2011@gmail.com

8870356968

HOD/ECE

Principal

Organisers



Platinum Partner



**SMART INDIA
HACKATHON
2020**

Internal Hackathon for Smart India Hackathon 2020



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Institution's Innovation Council
Kings College of Engineering
Pudukkottai, Tamil Nadu

13.01.2020

Partners



DEVNET

KPIT

Communication Partner





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SMART INDIA HACKTHAN PARTICIPANTS LIST -2020

S.No	Batch members	Title of the project	Class	Problem Statement	Organization/ Category
1	LATCHAYASRI.G APARNAA.S KAWYA.A (Sparkle Feathers)	IOT BASED SMART BOTTLER FOR HEALTHCARE APPLICATIONS	II/ECE	Healthcare and Biomedical devices	MIC/Software
2	KIRUTHIKA.B SARIKA.A KEERTHIKA.M (KSK Innovators)	DRIVER DROWSINESS DETECTION SYSTEM USING IMAGE BASED TECHNOLOGY	II/ECE	Smart Vehicles	ARAI/Software
3	ANITHA.J RAMYA.K VINOTHA.M (Dazzlers)	SMART CARETAKING SYSTEM FOR UNCOMPLAINABLE PATIENTS AND BABE IN ARMS USING IOT	II/ECE	Healthcare and Biomedical devices	MIC/Software
4	PRIYADHARSHINI.K VITHYASRI.U.K SANTHAKUMARI.J ILANKHATIR.E DIWAKAR.S (V5)	INITIAL STAGE LUNG CANCER CELL DETECTION USING MACHINE LEARNING APPROACH	IV/ECE	Healthcare and Biomedical devices	MIC/Software
5	INDHUJA.J MEERA.K KOWSALYA.M SOWMIYA.R	A VISION BASED ONBOARD CONTROLLER FOR SAFE LANDING AND TARGET DETECTION FOR UAV	IV/ECE	Security and Surveillance	ISRO/Software

	(Donuts)				
6.	M.EZHILARASI M.VEERALAKSHMI M.SRITHALA S.HEMAMALINI (Wings of fire)	DRONES	III/ECE	Security and Surveillance	ISRO/Software
7.	Y.SIVANANTHAM R.VISWANATH R.SARANKUMAR M.ROCHELLA	LASER COMMUNICATION	III/ECE	Smart Communication	MIC/Software





Participants presenting their idea to the panel members

HOD/ECE

Principal



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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Near Thanjavur - 613 303.

KINGS SCIENCE EXPO-2020

Organized by

Kings - Research & Development Section

05th June, 2020

CALL FOR PROJECTS

web:www.kingsindia.net

CIVIL

Fiber Reinforced Concrete
Load Deformation Behaviour
Flood Forecasting
GIS & Remote Sensing Applns.
Ozonation for Colour Removal
Riverbank Filtration
Earthquake Geotechnical Engg.
Ground Improvement
Safety, Accident Analysis
Intelligent Transport Systems

CSE / IT

Natural Computation
Computational Game Theory
Continuous & Real-time Computation
Distributed Algorithms
Design & Analysis of Algorithm
Inspiration of Biological Computing
Nature Inspired Computing
Model Theory for Computation
Information & Commn. Complexity
Graph Algorithms

ECE

Modeling and Simulation
Antennas & Microwave Engg.
ASICs / SOC / NOC
Biomedical Engineering
Embedded System / VLSI Design
Image / Signal Processing
MEMS and Piezo System Integration
Optimization Techniques
Terrestrial & Space Optical Networks
Wireless / FSO

EEE

Renewable Energy -Green Energy
Bio-medical Instrumentation
Power Electronics
Power Systems
Modern Power Systems
Smart Grids
VLSI in Power Electronics/Systems
Embedded Systems
Electrical Machines and Drives
Control Systems & Instrum.

MECH

Renewable Energy Technology
Production & Energy Management
Robotics & Industrial Automation
CAD/CAM
Materials
Manufacturing
Safety Engineering
Nano Composites & Characterization
Design & Analysis
MEMS

Important Dates

Submission of Abstract : 02.06.2020
Acceptance Notification : 03.06.2020
Last Date for Registration : 04.06.2020

Registration Fee

Registration (External) : Rs. 100/team
Internal (KCE) : No Fees



Helpline Staff

Dr. D. Sivakumar/CSE : 98420 40796
Dr. M. Meenalochani/EEE : 96298 91123
Mr. J. Rajaparthiban/MECH: 98940 31614
Mr. T. Pasupathi/ECE : 98941 04645
Mrs.T. Bhuvaneshwari/Civil : 99949 61305

Attractive Prizes

Chief Patrons

Dr. R. Rajendran
Secretary

Patron

Mr.T.R.S.Muthukumaar
Chief Executive Officer

Co Patron

Dr. J. Arputha Vijaya Selvi
Principal

Organizing Committee

Organizing Chair

Dr. S. Sivakumar
Vice Principal

Organizing Secretaries

Dr. P.P. Shantharaman
R&D Convenor

Organizing Committee

Dr. M. Meenalochani
Asst. Prof./EEE

Mr. T. Pasupathi
Asst. Prof./ECE

Dr. D. Sivakumar, Asst. Prof./CSE

Mr. J. Rajaparthiban, Asst. Prof./MECH

Dr. S. Udhayakumar, Asst. Prof./S&H

Mrs.T. Bhuvaneshwari, Asst. Prof./Civil



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

KINGS SCIENCE EXPO – 2020

Report

Kings Science Expo-2020, an online Project Exposition is planned on 05.06.2020 with an exceptional idea to showcase the research talents, innovativeness, and creativity of all final year Engineering students. The main aim for conducting such a program is to enhance the knowledge of students and motivate them to compete in the global competitive engineering field. The Expo acted as a forum to bring together students of various Engineering colleges to discuss innovative ideas and diverse topics on next generation technologies. Students are encouraged to develop prototype projects on recent societal issues with better efficiency and low-cost.

Objectives of the Expo:

- To provide a forum for sharing new design and alternative technologies.
- To promote a favorable interactive environment leading to exchange of new research ideas.

Topics of interest:

- (i) Embedded Systems
- (ii) Wireless Communication systems
- (iii) Bio-medical Instrumentation
- (iv) Image/Signal Processing
- (v) Robotics
- (vi) Artificial Intelligence
- (vii) Control Systems and Instrumentation

The Expo for Electronics & Communication Engineering is scheduled at 10.30 A.M through online mode using Google meet platform. **Totally 14 batches registered for the Expo out of which two are external and the remaining 12 batches are internal. Each batch is provided 15 minutes for their project demonstration.**

The participants are judged based on the following criteria:

- Design (Compactness and the efficiency of work done)/Model of the project
- Innovation/Novelty
- Relevance with practical need
- Presentation skills
- Clarification of queries

Outcomes of the Project Expo

- Develop professionals having good skills, self-learning ability and confidence to support and contribute to the growth of relevant industries.
- This provides opportunity for the students to demonstrate their learning experience.



Department of Electronics and Communication Engineering

KINGS SCIENCE EXPO – 2020

05th June, 2020

Instructions:

Key Evaluation Criteria would be

- ✓ Design (Compactness and the efficiency of work done)/Model of the project – 20 Marks
- ✓ Innovation/Novelty – 20 Marks
- ✓ Relevance with practical need – 20 Marks
- ✓ Presentation – 20 Marks
- ✓ Queries Clarification – 20 Marks

GENERAL RULES:

- Participants **should register their presence (online) before 10.15 a.m.** on 05th June 2020.
- Mode of presentation: MS Power Point (Maxi.25 Slides)
- Partial outputs are considered.
- All registered participants will receive participation certificate.
- Best project award will be awarded for the deserved project.
- The decision of the judges shall be treated as final and binding.
- The panel of judges consists of subject experts.
- The organizers reserve the rights to change any or all of the above rules as they deem fit.



Department of Electronics and Communication Engineering

KINGS SCIENCE EXPO – 2020

05th June, 2020

SCHEDULE

Batc h ID	Time	Participants	Title of the Projects
1.	10.30 a.m. - 10.45 a.m.	ILANKHATIR.E MOHAMED ASHIF KHAN.S BALAJI.M HARIHARAN.M	Initial Lung Cancer Cell Detection using Machine Learning
2.	10.46 a.m. - 11.00 a.m.	PRIYADHARSHINI K VITHYASRI U K SASIREKHA V SANTHAKUMARI J	A smart care taking system for uncomplaining patients and babe in arms using IoT
3.	11.01 a.m. - 11.15 a.m.	KANCHAN BHOSALE SAURABH Bhole YASH PARAB VIKRANT RAJSHIRKE	Landslide Monitoring Using Wireless Sensor Networks
4.	11.16 a.m. - 11.30 a.m.	POOJA SHREE G BHUMIKA K M	A Compact Circular Frequency Reconfigurable Microstrip Monopole Antenna with Slotted Ground Plane for L and S Band Application
5.	11.31 a.m. - 11.45 a.m.	P.ABARNA K.DHURKA A.ELAKIYAKOWS HIKA M.SUDHA	Implementation of smart agriculture using IoT
6.	11.46 a.m. - 12.00 noon	AKALYA. K HARINI.M JENIFER. X MEGALA. M	Safezone identification and safety alert system for fishermen
7.	12.01 p.m. - 12.15 p.m.	G. KAYADEVI T. ARCHANA R. ABARNA S. AGALYA	An IoT Based smart perception of health observation
8.	12.16 p.m. - 12.30 p.m.	S.DIVAKAR S.JEEVA M.JAWAHAR T.VASUDEVAN	Raspberry Pi Based Smart Mirror using Voice Control

9.	12.31 p.m. - 12.45 p.m.	M. RASIKA C. RANJITHA D. RANJITHA R. DIVYADHARSHINI	Embedded based Ultra Model, Slime Baby Rescue System with SMD Modules
10.	12.46 p.m. - 01.00 p.m.	J INDHUJA M KOWSALYA K MEERA R SOWMIYA	Vision Based on Board Controller for Safe Landing and Target Detection for Unmanned Aerial Vehicles
LUNCH BREAK			
11.	02.00 p.m. - 02.15 p.m.	J.ARIYAVARSHINI S.DHANAHARSHINI R.SANTHIYA P.PRIYADHARSHINI	AMBUBOT: Automated External defibrillator Robotic Ambulance.
12.	02.16 p.m. - 02.30 p.m.	BALARAMAN. A. K ANTONY BERNARD. F SEDHUPATHI. M VEERAMANI. M	Intelligent System Based TFACU (Tower Frequency Analysis And Control Unit)
13.	02.31 p.m. - 02.45 p.m.	DHANASEKARAN S YASIKRAHMAN B PUGALENDHI K	Advanced Design of Agricultural Robot using Bluetooth
14.	02.45 p.m. - 03.00 p.m.	T ABINAYAKARTHI KA A POOVIZHI M SRIPRIYA T TAMILAZLAGI	Implementation Plants Disease Detection and Recovering using Image Processing



HOD/ECE



Principal



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Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

KINGS SCIENCE EXPO-2020

Certificate

This is to certify that

P.Abarna

of

KINGS COLLEGE OF ENGINEERING

has demonstrated a project titled

Implementation of Smart Agriculture using IoT

in the **KINGS SCIENCE EXPO - 2020** (Online mode) jointly organized by IEEE Student Branch STB 16621, MHRD-Institution Innovation Council and Indian Society for Technical Education (TN- 217), Kings College of Engineering, Punalkulam.

Coordinators

Dr. M. Meenalochani, AP/EEE
Mr. T. Pasupathi, AP/ECE

Convener

Dr.P.P.Shantharaman
Assoc. Prof/Mech

Patron

Dr. J. Arputha Vijaya Selvi
Principal

Cert. No.: KCE-KSE-022



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



IEEE
STB16621



25.02.2019

From
T. Pasupathi
J. Niranjana Samuel
R&D Section
KCE

To
The Principal
KCE

Respected Madam,

Sub: Permission – Organizing workshop on Biomedical Interventions– reg.,

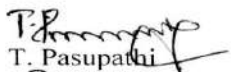
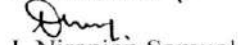
A workshop on “**Biomedical Interventions**” is organized on 27th & 28th February, 2019 by
Dept of ECE and R&D Section.

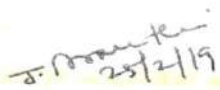

In this regard, we request you to kindly grant us permission towards:

- a) Utilization of Pallava Hall.
- b) LCD projectors & PA system at Pallava Hall.
- c) Utilization of College vehicle for resource persons, if required.
- d) Accommodation for participants at Hostel.
- e) Genset during power interruption.
- f) Utilization of Lamp.
- g) Providing lunch and refreshments for the participants at our college canteen at subsidized rate.

Thank you,

Yours faithfully,


T. Pasupathi

J. Niranjana Samuel

Registration Form

Kings College of Engineering
Punalkulam, Thanjavur - 613 303

Workshop on
Biomedical Interventions

1. Name (in block letters) :
 2. Designation:
 3. Institution / Organization:
 4. Postal Address:
 5. E-mail:
 6. Phone No. / Mobile:
 7. D.D No. Date:
- Bank/Branch:

Signature of the applicant

Please send your registration form to:

The Coordinator,
Dept. of Electronics & Communication Engg.,
Kings College of Engg., Punalkulam- 613303,
Phone : 04362 - 282474

Organizing Committee

Chief Patrons:
Dr. R. Rajendran
Secretary

Mr.T.R.S.Muthukumar,
Chief Executive Officer

Patron:
Dr. J. Arputha Vijaya Selvi
Principal

Co-Patron:
Dr.S.Sivakumar
Vice Principal

Convenor:
Dr. D. Kumar
Professor/ECE

Co-ordinators:
Mr. T. Pasupathi
AP/ECE

Mr. J. Niranjan Samuel
JRF/ECE-R&D

Registration fees:

Registration fee has to be paid in the form of demand draft drawn in favour of Kings College of Engineering - IEEE Student Branch payable at Thanjavur. Registration fee includes course material, lunch and refreshment.

UG/ PG Students : Rs. 600/-
Faculty : Rs. 800/-

Last Date for Registration :18.02.2019
Confirmation of Acceptance:22.02.2019

For further information contact:
Mr. T. Pasupathi - 98941 04645
Mr. J. Niranjan Samuel - 99947 18168



National WORKSHOP on Biomedical Interventions

27th & 28th February, 2019



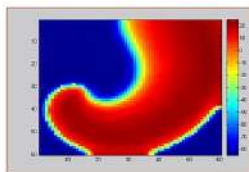
Jointly organised by
Department of Electronics & Communication Engg.,
R&D Section
Kings College of Engineering,
Punalkulam, Thanjavur - 613303.

About our Institution:

Kings College of Engineering (KCE), since its inception in the year 2001, provides quality education to the needy aspirants including under-privileged students of this region. KCE is approved by All India Council for Technical Education, New Delhi, affiliated to Anna University, Chennai and is a NAAC accredited institution. The institute offers five UG and four PG programmes. Situated on the Thanjavur – Pudukkottai Highway, the KCE campus spreads over 50 acres in a beautiful serene atmosphere, ideally suited for technical education with architecturally designed infrastructural facilities.

About R & D Section:

The Department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized as research centres for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCTI, AICTE, New Delhi, TNSCST, Chennai, Analog Devices, USA & Texas Instruments, USA are successfully carried out.



About the workshop:

The workshop will address the clinical management of Coronary Artery Diseases with newer tools, various ways and means by which information and communication technology applications in health care sector focusing on selective diagnosis, emergency & long-term clinical care to people and the regulatory requirements of medical devices. Machine Intelligence (MI) aims at mining relevant information directly from the derivative physiological data, leads to better performance in comparison to human that is suffered by status of mind and mental variability. Evolutions of new machine learning algorithms are helping the even disrupted pattern of raw physiological data in terms of better classification. MI has been playing many different roles in scientific research and the literature has shown that Artificial Intelligence (AI) is promising in solving complex problems in many applications, particularly in areas with huge amounts of data but very little theory. Thus, it can be supportive to develop new decision support system including the devices. Also this workshop will explore the possibility of reducing the cost & complexity involved in healthcare practices thereby benefiting healthcare professionals and ultimately aims to provide quality healthcare to people at a lesser cost.



Dr. G. Shanthi,
Scientist, Manager,
Preclinical/Microtherapeutics Research Labs,
Chennai
She attained her Doctorate degree from Madras University with specialization in Molecular Genetics and began her career as Scientist-Toxicology. She has more than one decade of experience, well trained in GLP principles and expertise in preclinical study designing and execution (executed more than 400 both in-vivo and in-vitro) for various regulatory submissions.



Dr. S. Shanthi,
Prof/Dept. of Electronics & Commun. Engg.,
Aditya Institute of Technology,
Coimbatore
Highly motivated Professor, Positive approach, consistently strive to create a challenging and engaging learning environment in which the students become life long scholars and learners, interested in continuing research in Bio medical engineering combined with artificial intelligence.



Prof. R. Malathy,
Prof/Dept. of Electronics & Instrumentation,
Annamalai University,
Chidambaram
Computational Bioengineering, modeling of various physiological systems which includes, cancer cells, cardiac cell, ganglion cells. Her research area has pioneered with effects of sodium channels on Arrhythmia -A mathematical model of human cardiac ventricular cells. Her thesis won the best thesis award at IIT Madras



Dr. K. Damodaran
Sr. Consultant & Interventional Cardiologist
Apollo Hospitals,
Chennai
DM in Cardiology from Madras Medical College and Research Institute and over 17 years of a highly proficient experience in interventional cardiology. Postdoctoral Fellowship in National Board (FNB) from Escorts Heart Institute, Delhi. He is also a Fellow of FESC and the Fellow of FSCAI (USA). He has performed more than 15000 cardiac catheterisation procedures till date.



Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL /invite/18-19

13.02.2019

To

Dr. K. Damodaran,
Senior Consultant Interventional Cardiologist
Apollo Hospitals,

Dear Sir,

Greetings to you from Kings College of Engineering

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the needy, underprivileged and socially & economically weaker sections of students. KCE is accredited by NAAC, recognized by 2(f) and 12(B) act of UGC, approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 48 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The institution offers five U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

To expose our students to various industrial and technical skills, we organize seminars each semester. In this regard, we request you to make it convenient to be present and deliver lecture on **“Newer Modalities in the Management of Coronary Artery Disease”** in the National workshop on **“Biomedical Interventions”** on **27th February, 2019 (Forenoon session)**.

Thanking you and expecting your co-operation in this regard.

Regards,

J. Arputha Selvi
Dr. J. Arputha Vijaya Selvi,
Principal

PRINCIPAL
Kings College of Engineering
Punalkulam- 613 303.



Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL /invite/18-19

13.02.2019

To

Dr. S. Shanthi,

Professor & Head

Dept. of Electronics & Communication Engineering,

Adithya Institute of Technology, Coimbatore

Dear Madam,

Greetings to you from Kings College of Engineering

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the needy, underprivileged and socially & economically weaker sections of students. KCE is accredited by NAAC, recognized by 2(f) and 12(B) act of UGC, approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 48 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The institution offers five U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

To expose our students to various industrial and technical skills, we organize seminars each semester. In this regard, we request you to make it convenient to be present and deliver lecture on **“Machine Learning in Biomedical Engineering”** in the National workshop on **“Biomedical Interventions”** on **28th February, 2019 (Afternoon session).**

Thanking you and expecting your co-operation in this regard.

Regards,

Dr. J. Arputha Vijaya Selvi,
Principal

PRINCIPAL
Kings College of Engineering
Punalkulam- 613 303.

Brief Profile

Dr.G.Shanthi, working as Quality Assurance Manager, at Micro Therapeutics Research Labs Pvt. Ltd. Chennai.(MTR). She attained her Doctorate degree from Madras University with specialization in Molecular Genetics and began her career as scientist-Toxicology She has more than one decade of experience, well trained in GLP principles and expertise in preclinical study designing and execution (executed more than 400) both *in vivo* and *in vitro*) for various regulatory submissions.

She designed a study model to identify the Blood clotting effect of drug which is accepted in the USFDA regulatory. She established the Preclinical Research Unit Facility at MTR as per the GLP Quality System and got GLP certification from National GLP Compliance Monitory Authority (NGCMA) DST, New Delhi for the Laboratory. She participated in many National and International level workshops, symposium and published many research articles. Her strength is commitment towards the task with adherence to Quality and Ethics.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on “BIOMEDICAL INTERVENTIONS”

LIST OF PARTICIPANTS

S.No	Name of the Participant	Branch	College
1.	S.Rutharesh	B.Tech Bio Medical Engineering	Rajiv Gandhi College of Engineering and Technology
2.	S.Sakthidharan		
3.	P.Sasvath		
4.	K.Suresh		
5.	Thivakar.B		
6.	S.Santhiya	B.Tech Bio Technology	Periyar Maniammai Institute of Science & Technology, Vallam, Thanjavur
7.	Anushya.P		
8.	C.Bathira		
9.	J.Kokila		
10.	K.Dinesh pandi		
11.	M.Nidesh		
12.	J.Pradeep		
13.	B.Tamizhini		
14.	M.Thasaleema parven		
15.	M.Vivek		
16.	ABARNA. R	ECE	Kings College of Engineering, Punalkulam
17.	ABINAYAKARTHIKA.T		
18.	AGALYA. S		
19.	ARCHANA.T		
20.	ARIYAVARSHINI.J		
21.	DHANAHARSHINI. S		
22.	DHANASEKARAN.S		
23.	DHIVYA DHARSHINI. R		
24.	DHURKA. K		
25.	DIVAKAR.S		
26.	ELAKIYA KOWSHIKA. A		
27.	HARINI. M		
28.	ILANKHATIR.E		
29.	INDHUJA. J		
30.	JENIFER.X		
31.	KOWSALYA. M		
32.	MEERA.K		
33.	MEGALA.M		
34.	RASIKA. M		
35.	SANTHAKUMARI. J		
36.	SANTHIYA.R		
37.	SEDHUPATHI.M		
38.	SOWMIYA.R		
39.	SUTHA.M		

40.	TAMILAZHAGI. T	ECE	Kings College of Engineering, Punalkulam
41.	VIDHYA. K		
42.	VINITHA. K		
43.	VITHYASRI. U.K		
44.	PONNI R		
45.	THANDAYUTHAPANI R		
46.	MANGAIYARKARASI N		
47.	GEETHABAI P		
48.	JEYASEELAN T		
49.	SATHYARAJ R		
50.	CHANDRASEKAR S		
51.	SRIVIDHYA N		
52.	FRANKLIN VIJAY S		
53.	PRIYADHARSHINI. G		
54.	RANJITHA.C		
55.	SOFIYA JENNIFER J		
56.	T. SHANTHI		
57.	R. PONNI		
58.	P. GEETHABAI		
59.	K. SUDARSANAN		
60.	S. RAMARAJAN		
61.	R. SATHYARAJ		
62.	T. JEYASEELAN		
63.	P.RAJAPIRIYAN		



A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING



Recognized by UGC 2(f) & 12B
Approved By AICTE, New Delhi & Affiliated to Anna University, Chennai

Department of Electronics & Communication Engineering
&
R&D Section

Cordially invite you to the two days

National Workshop
on
Biomedical Interventions

27th & 28th February, 2019

Dr. K. Damodaran
Sr. Consultant & Interventional Cardiologist
Apollo Hospitals,
Chennai

has consented to deliver the Inaugural Address

Staff Members
Department of ECE
KCE

Venue: Pallava Hall

Time: 10.00 a.m.



Workshop on Biomedical Interventions

Date: 27.02.2019 & 28.02.2019

Venue: Pallava Hall

10.00 a.m.	Invocation Song	
10.02 a.m. – 10.05 a.m.	Welcome Address	Prof. N. Mangaiyarkarasi HOD(i/c)/ECE, KCE
10.06 a.m. – 10.10 a.m.	Introducing Guest	Dr. D. Kumar Professor/ECE, KCE
10.11 a.m. – 10.15 a.m.	Honouring the Guest	Dr. J. Arputha Vijaya Selvi Principal, KCE Dr. S. Sivakumar Vice Principal, KCE
10.16 a.m. – 10.20 a.m.	Presidential Address	Dr. J. Arputha Vijaya Selvi Principal, KCE
10.21 a.m. – 10.25 a.m.	Felicitation	Dr. S. Sivakumar Vice Principal, KCE
10.26 a.m. – 10.45 a.m.	Inaugural Address	Dr. K. Damodaran Sr. Consultant & Interventional Cardiologist Apollo Hospitals, Chennai
10.45 a.m. – 11.00 a.m.	Tea Break	
11.01 a.m. – 12.55 p.m.	Session – I	Dr. K. Damodaran Sr. Consultant & Interventional Cardiologist Apollo Hospitals, Chennai
12.55 p.m. – 01.00 p.m.	Vote of Thanks	Mr. T. Pasupathi AP/ECE, KCE
01.00 p.m. – 02.00 p.m.	Lunch Break	
02.01 p.m. – 02.05 p.m.	Honoring & Introducing the Guests	Mr. R. Balakrishnan AP/ECE, KCE
02.06 p.m. – 03.10 p.m.	Session – II	Dr. Baskaran Biomedical Engineer Gentech Marketing Pvt. Ltd., New Delhi
03.16 p.m. – 03.30	Tea Break	
03.36 – 04.30	Session – II Continues	Dr. Kiran George Assoc. Professor /EIE Annamalai University, Chidambaram
04.31 p.m – 04.35 p.m.	Vote of Thanks	Mr. P. Raja Pirian AP/ECE, KCE



Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,

PRINCIPAL

Ref: KCE / PRL /Thanks /071/ 18-19

28.02.2019

To

Dr. S. Shanthi,

Professor & Head

Dept. of Electronics & Communication Engineering,

Adithya Institute of Technology, Coimbatore

Dear Madam,

On behalf of the Management, Staff and Students, I express my sincere thanks for your visit to our campus for delivering lecture in the workshop on **"Biomedical Interventions"** on 28-02-2019 inspite of your busy schedule. The lecture was very informative and all the participants got benefited. I sincerely thank you for the efforts you have taken to make this workshop fruitful.

Regards,

J. Arputha Vijaya Selvi
28/2/19

Dr. J. Arputha Vijaya Selvi

PRINCIPAL

Kings College of Engineering
Punalkulam- 613 303.



Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Gandarvakottai Taluk, Pudukkottai Dist. - 613 303.

National Workshop on "Biomedical Interventions"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. _____ of
_____ has participated in
the National Workshop on "Biomedical Interventions" on 27th & 28th February,
2019, jointly organized by IEEE Student Branch (STB16621) and Research &
Development Section, Kings College of Engineering, Punalkulam.

Dr. D. Kumar
CONVENER

Dr. J. Arputha Vijaya Selvi
PRINCIPAL



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Two days workshop on Biomedical Interventions

Expenditure Details of Workshop held on 02.01.19

S.No	Name of Vendor	Details	Bill No. /Date	Total
1	Makemytrip	Flight Tickets – Trichy to Chennai	52462060/ 22.02.2019	4698.00
2	IRCTC	Train tickets	20.02.2019	606.00
3	Thanjavur Art & Bronze	Memento	26.02.2019	750.00
4	Maharaja Silk House	Shawl	GIS-76315/ 27.02.2019	240.00
5	Maharaja Silk House	Shawl	GIS-76154/ 27.02.2019	679.00
6	Poompuhar	Memento	3709/ 27.02.2019	336.00
7	Bombay Sweets	Sweets	22191/ 26.02.2019	126.00
8	Bombay Sweets	Sweets	115/ 27.02.2019	184.00
Total Expenditure (Rupees Seven Thousand Six Hundred and Nineteen Only)				7619.00

COORDINATOR

HOD

PRINCIPAL

THE HINDU 12.03.2019 PAGE 5



Kings College of Engineering at Punalkulam near Thanjavur organised a two-day national workshop on 'Biomedical Interventions' recently. Dr.K.Damodaran, Senior Consultant and Interventional Cardiologist, Apollo Hospital, Chennai, inaugurated the workshop. Dr.J.Arputha Vijaya Selvi, Principal, presided. Dr.S.Baskaran, Biomedical Engineer, Gentech Marketing Pvt.Ltd, New Delhi, Dr. Kiran George, Associate Professor, Electronics and Instrumentation Engineering, Annamalai University and Dr. G.Shanthi, Scientist, Manager Preclinical, Microtherapeutics Research Labs, Chennai, spoke.



Report

National Workshop on “Biomedical Interventions”

Kings College of Engineering, Punalkulam near Thanjavur organized a two day National Workshop on **Biomedical Interventions** on 27th & 28th February, 2019. Dr. K. Damodaran, Senior Consultant & Interventional Cardiologist, Apollo Hospital, Chennai, inaugurated the workshop. **Dr. J. Arputha Vijaya Selvi**, Principal, presided over the function and delivered presidential address. **Dr. K. Damodaran**, in his lecture, stated coronary artery disease develops when the major blood vessels that supply the heart with blood, oxygen and nutrients (coronary arteries) become damaged or diseased. Cholesterol-containing deposits (plaque) in the arteries and inflammation are usually the cause for coronary artery disease. The damage may be caused by various factors, including: Smoking, High blood pressure, High cholesterol, Diabetes or insulin resistance and sedentary lifestyle. To improve the heart healthcare, one should quit smoking, control conditions such as high blood pressure, high cholesterol and diabetes. He also explained about surgical procedure involved in robot assisted cardiac surgery. While concluding his lecture, he said to stay physically active, consume low-fat and less-salt diet, and consume fruits, vegetables and whole grains and advised to maintain a healthy weight and manage stress.

Dr. S. Baskaran, Biomedical Engineer, Gentech Marketing Pvt. Ltd., New Delhi started his lecture with the major instruments used in acquiring bio-signals from human beings. Also he demonstrated the real-time Electro Cardio Gram (ECG) acquisition from one of the participant with four channel data acquisition development device and necessary electrodes. His lecture includes analysis of the acquired data and report preparation for the end user. **Dr. Kiran George**, Assoc. Professor, Electronics and Instrumentation Engineering, Annamalai University, Chidambaram, delivered lecture. In his lecture he briefed about multiscale physiological model of organ system which provides an opportunity for the researcher and clinician in the field of mathematical oncology. While concluding his lecture, he suggested how these new directions could contribute in addressing the current challenges in the field of Biomedical Engineering.

Dr. G. Shanthi, Scientist, Manager Preclinical, Microtherapeutics Research Labs, Chennai, delivered a lecture on synthetic biomaterials and its applications, Biocompatibility Regulatory Testing and its biological effects. She concluded her lecture with a case study on biomaterial implantation in animals. **Dr. S. Shanthi**, Professor & Head/ECE, Adithya Institute of Technology, Coimbatore delivered a lecture. In her lecture, she briefed that MI plays various roles in scientific research. Artificial Intelligence (AI) provides promising solutions in solving complex problems in many applications, particularly in areas with huge amounts of data but very little theory. It helps to develop new decision support system including the devices.

A total of 63 participants from various institutions situated at U.T of Pondicherry, Karnataka and Andhra Pradesh, Tamil Nadu participated in the programme and got benefitted.



Dignitaries on the Dias



Ceremonial Lighting of the Lamp



Mrs. N. Mangairyarkarasi, HOD(i/c)/ECE welcoming the gathering



Dr. D. Kumar, Professor/ECE introducing Dr. K. Damodaran, Chief Guest



Dr. J. Arputha Vijaya Selvi, Principal
honouring Dr. K. Damodaran,
Interventional Cardiologist



Dr. J. Arputha Vijaya Selvi delivering
presidential address



Dr. K. Damodaran, Interventional
Cardiologist, Apollo Hospital, Chennai
delivering Inaugural Address



Dr. K. Damodaran, during invited lecture
session



Dr. Kiran George during invited lecture
session



Dr. S. Baskar during demonstration
session



Dr. G. Shanthi during invited lecture session



Dr. S. Shanthi during invited lecture session



Students during the activity session



Participant during feedback session



Participants receiving certificates from dignitaries



Mr. T. Pasupathi during workshop summary and vote of thanks



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2017-2018) ODDSEM**

ONE DAY WORKSHOP

**On
23-09-17**

Title : Advancement in Mobile Applications
Resource person : Mr.R.Thamarai selvan
ISYSWAY Technologies,
Thanjavur.
Venue : Pallava Hall



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2017-2018 (ODD SEM)

14-09-2017

From

Mrs. T. Shanthi, Associate Professor, &
Mrs. D. Vennila, AP,
Department of ECE,
Kings College of Engineering,
Punalkulam.

To

The Principal
Kings College of Engineering,
Punalkulam.

Respected Madam,

Sub: Seeking permission to conduct workshop for third year students - reg.

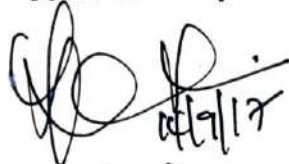
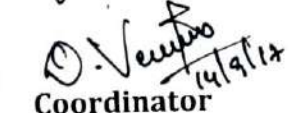
We planned to organize a one day workshop for third year ECE students in the title of "**Advanced Microprocessor and Microcontrollers**". In this regard, we need your kind permission on 22nd september 2017 (Friday) to conduct this workshop.

Resource person

Mr. R. Thamarai selvan
ISYSWAY Technologies,
Thanjavur.

Thank you

Yours faithfully,

1.  14/9/17
2.  14/9/17
Coordinator

AN session.
J. Manikani
14/9/17



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2017-2018 (ODD SEMESTER)**

Date: 20.09.2017

Circular

This is to inform you that, all the third year ECE students are requested to attend the one day workshop in the title of "**Advancement in mobile Apps**" on 23.09.2017(saturday) between (10.00 a.m-04.30 p.m) at pallava hall without fail.

Resource Person: **Mr.R.Thamarai selvan**
ISYSWAY Technologies,
Thanjavur.

HOD/ECE

Dr.J.Arputhavijayaselvi



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2017-2018 (ODD SEMESTER)**

WORKSHOP

AGENDA

Venue : Pallava Hall

Date: 23.09.2017

- ❖ Tamil Thai Vazhthu
- ❖ Welcome Address
- ❖ Honoring the chief guest
- ❖ Chief guest Address
- ❖ Vote of Thanks
- ❖ National Anthem

J. Arputha

HOD/ECE

Dr.J. Arputha vijaya selvi

**KINGS**

COLLEGE OF ENGINEERING

(NAAC Accredited Institution)
(Approved by AICTE, New Delhi. Affiliated to
Anna University, Chennai)TUV Rheinland
CERT
ISO 9001**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**
ACADEMIC YEAR 2017-18 (ODD SEMESTER)

Branch / Year / Sem / Sec : B.E ECE / III / V / A

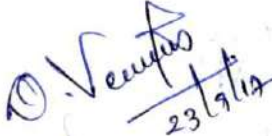
Batch : 2015-2019

Date: 23-09-17

WORKSHOP ATTENDANCE SHEET

ROLL NO	REGISTER NUMBER	NAME OF THE STUDENT	SIGNATURE
1	821115106001	AJAY.M	U. Jay
2	821115106002	ANANDHARAJ.N	AB
3	821115106003	ANBUSELVI P	P. Anbuselvi
4	821115106004	ANITHA.G	Cliff
5	821115106005	ARAVINDH KUMAR.S	AB
6	821115106007	ARTHIKA.B	B. Arthika
7	821115106008	ASHIGA. S	S. Ashiga
8	821115106009	BALAKUMAR. G	G. Balakumar
9	821115106010	BAVADHARINI.M	M. Bavadharini
10	821115106011	BERKMAANZ. S	M. Berkman
11	821115106012	BHARATHI. T	T. Bharathi
12	821115106013	CHOZHARAJAN.P	AB
13	821115106014	DIHANALAKSHMI. M	P. Chidambaram
14	821115106015	DHINESH PRIYA.C	M. Dhinesh
15	821115106016	DHIVYA DARSHINI. J	C. Dhivya
16	821115106017	DIVYA. K	J. Divya
17	821115106018	DURGA. S(08.03.1998)	K. Durai
18	821115106019	DURGA.S(10.06.1998)	S. Durai
19	821115106021	ELAKIYA. P	S. Elakia
20	821115106024	EZHILARASI. R	P. Elakia
21	821115106025	GAYATHRI. J.S	R. Gayathri
22	821115106026	GAYATHRY.K	J. S. Gayathri
23	821115106027	HARIPRAKASH. RA	J. Hariprakash
24	821115106028	HARITHA. S	R. Haritha
25	821115106029	JAISHREE. K	S. Jaishree
26	821115106030	JANAKI RAMAN. M	R. Janaki
27	821115106031	JANANI. G	M. Janani

ROLL NO	REGISTER NUMBER	NAME OF THE STUDENT	SIGNATURE
28	821115106033	KANISHKA HARINI. P.S	P.S. K
29	821115106036	KAVI BALA. S	K. Balu
30	821115106037	KAVIBHARATHI. K	K. Kavya
31	821115106039	KRITHICA.M	M. Krithika
32	821115106040	LANJER NISHA.S	S. Lanjer
33	821115106041	LAVANYA. J	J. Lavanya
34	821115106042	MAHALAKSHMI. K	K. Mahalakshmi
35	821115106043	MAHALAKSHMI BAL. R	R. Mahalakshmi
36	821115106044	MAHESWARI. G	G. Maheswari
37	821115106045	MALATHI. P	P. Malathi
38	821115106046	MANISHA. S	AB
39	821115106047	MANIVANNAN. G	
40	821115106048	MANMATHARAJAN. D	
41	821115106050	MONISHA. A	A. Monisha
42	821115106051	MONISHA REETA. B	B. Monisha
43	821115106052	MOWLI. L	L. Mowli
44	821115106053	NANDHINI. V	V. Nandhini
45	821115106054	NARENDRA. C	C. Narendran
46	821115106055	NATHIYA. K	K. Nathiya
47	821115106303	IYYAPPAN. P	P. Iyyappan
48	821115106304	KAMESWARAN. S	S. Kameswaran
49	821115106307	NANDHINI. G	G. Nandhini
50	821115106309	PRIYATHRICINI. R	AB


 V. Venkatesh
 23/9/19
 Coordinator



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



TUV Rheinland
CERT
ISO 9001

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2017-18 (ODD SEMESTER)

Branch / Year / Sem / Sec : B.E ECE / III / V / B

Batch


: 2015-2019

Date: 23-09-17

WORKSHOP ATTENDANCE SHEET

ROLL NO	REGISTER NUMBER	NAME OF THE STUDENT	SIGNATURE
1	821115106056	NIRANJANI C.S	C.S. Niyani
2	821115106057	NITHIYA. M	M. Nithiya
3	821115106058	NIVETHITHA. D	AB
4	821115106059	OVIYA. B	B. Oviya
5	821115106060	PADMADHARANI. M	M. Padmadharani
6	821115106062	PAVITHRA. B	B. Pavithra
7	821115106063	PAVITHRA. C	C. Pavithra
8	821115106065	PAVITHRA. P	P. Pavithra
9	821115106066	PAVITHRA. S	S. Pavithra
10	821115106067	PRADEEP. E	E. Pradeep
11	821115106068	PRAGADEESWARI. J	J. Pragadeeswari
12	821115106069	PREETHILG	G. Preethi
13	821115106070	PREETHIL S	S. Preethi
14	821115106071	PREETHIL S	S. Preethi
15	821115106073	PRIYA. P	P. Priya
16	821115106074	PRIYANKA. K	AB
17	821115106075	PRIYANKA. K	K. Priyanka
18	821115106076	PUNITHA. R	R. Punitha
19	821115106077	RANGEELA SUBRAJA. S	S. Rangeela
20	821115106078	RASIKA. K	K. Rasika
21	821115106079	RATHEESWARAN. M	M. Ratheeswaran
22	821115106080	ROSLIN MARY. S	S. Roslin Mary
23	821115106082	SANTHIYA. S	S. Santhiya
24	821115106083	SARA MARIYAM. U	U. Sara Mariyam
25	821115106084	SARAN KUMAR. S	S. Saran Kumar
26	821115106085	SHANMUGAPRIYA. S	S. Shanmugapriya

ROLL NO	REGISTER NUMBER	NAME OF THE STUDENT	SIGNATURE
27	821115106086	SHANMUGA PRIYA. R	R. Sh
28	821115106087	SHENBAGAVENI. S	S. Shenbagaveni
29	821115106088	SHRISURUTHI. G	G. Sh
30	821115106089	SIVABHARATHI. T	T. Sh
31	821115106090	SRIVITHYA. G	A. Srivithya
32	821115106091	SUBASH. K	K. Sh
33	821115106092	SUBASHINI. C	C. Subashini
34	821115106093	SUGANYA. C	C. Suganya
35	821115106095	SURRIYA. S	S. Surriya
36	821115106096	SWETHA. T	T. Swetha
37	821115106097	TAMILSELVAN. J	J. Tamil
38	821115106098	UTHRA SRI. V	V. Uthra
39	821115106099	VAINIYA. S	S. Vainiya
40	821115106100	VASANTHI. R	R. Vasanthi
41	821115106102	VIGNESHWAR. N	N. Vigneshwar
42	821115106103	VIMALA. S	S. Vimala
43	821115106104	VINITHA. P	P. Vinitha
44	821115106105	VINITHA. R	R. Vinitha
45	821115106301	ARUNTHAVASELVAN. S	S. Arunthavase
46	821115106302	ELUMALAI. J	J. Elumalai
47	821115106305	KARTHIKEYAN. K	AB
48	821115106310	VIGNESH. M	AB
49	821115106311	VINOTHINI. T	AB


 23/9/14
 Coordinator



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2017-2018) EVEN SEM**

REPORT ON ONE DAY WORKSHOP

Department of Electronics and Communication Engineering, has organized a one day workshop for third year B.E-ECE students on 23rd September 2017, in the topic of "Advancement in Mobile Applications" at pallava hall. Totally 90 students have enthusiastically participated in this Workshop.

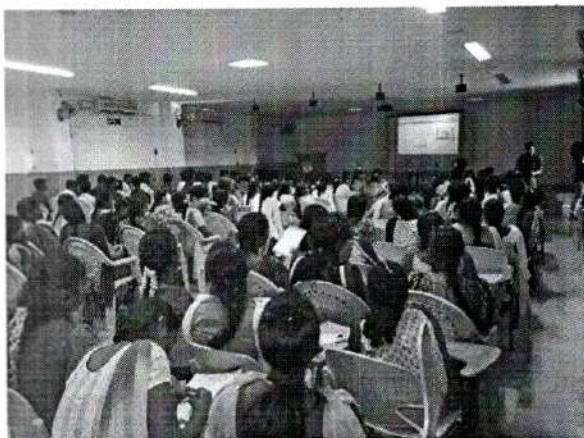
The main objective of this workshop is to know the latest concept of microprocessor technologies and mobile applications.



Welcome address by Dr. J. Arputha Vijaya Selvi, Principal, Dean/R&D, HOD/ ECE

Dr. J. Arputha Vijaya Selvi, Principal, Dean/R&D, HOD/ ECE welcomed the gathering and she insisted the students about the importance of this workshop and advised the students to gain more knowledge on this area which will be helpful for their future work.

Followed by inauguration the session was handed over to the resource person.



Mr. Sathish & Mr. Jones from ISYSWAY technologies delivering their lecture to the students.

The resource person gave an overview of Microprocessor and they gave a detailed lecture on Mobile applications & Networking.

After the session was completed, Feedbacks were collected from the students to know their opinion about the Workshop. Then the certificates were issued to the students.



Students receiving the workshop completion certificate from the coordinator.

Finally, Event coordinator Mrs.T.Shanthi, AP/ECE delivered the vote of thanks.



Thus the Workshop ended with National Anthem successfully.



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2017-2018) ODD SEM**

FEEDBACK ANALYSIS REPORT

TITLE: Advancement in Mobile Applications

DATE: 23-09-17

S.NO	CONTENTS	EXCELLENT	VERY GOOD	GOOD	SATISFIED
1.	The content was interesting.	35	11	16	28
2.	I can share my knowledge from this session with others.	23	39	18	10
3.	The speaker provided clear answers and comments.	15	33	25	17
4.	The presentation met my expectation.	20	30	25	15


Coordinator

Dr.J.Arputha Vijaya Selvi
Head of the Department
Department of Electronics and Communication Engineering,

23.09.2017

To

Mr.R.Thamarai selvan
ISYSWAY Technologies,
Thanjavur.

Dear Madam,

On behalf of the Management, HOD, faculty & Students of ECE, we express our sincere thanks to you for visiting our campus and also for delivering Lecture on "**ADVANCEMENT IN MOBILE APPLICATIONS**" on 23.09.17, in spite of your busy schedule. Your lecture helps our ECE students to acquire insight knowledge in Mobile Apps. We sincerely thank you for the efforts you have taken for us.

Once again our wholehearted thanks for your visit.

Thanking you,

With regards,



Dr.J.Arputha Vijaya Selvi



KINGS PROJECT EXPO 2K18

PROJECT EXPO 2K'18 was organized in association with ISRO – Propulsion Complex (IPRC), Mahendragiri & IEEE – RAS, Chennai on 29th March, 2018. This project Expo aims to encourage the students' creativity and innovations on Engineering & Technology. Dr.J.Arputha Vijaya Selvi, Principal, welcomed the gathering. Mr.T.Pasupathi, AP/ECE, introduced Dr. P.A. Manoharan, Chairman, IEEE Madras Section, Chennai. Mrs N.Hemavathi, AP/EEE, introduced Dr. P. Ganesh, Deputy Project Manager & Senior Scientist, Cryogenic Engine Test Division, ISRO Propulsion Complex, Mahendragiri. Dr. R. Rajendran, Secretary, honored Dr. P.A. Manoharan and Shri.TRS. Muthukumaar, Chief Executive Officer honoured Dr. P. Ganesh. Dr. R. Rajendran, secretary presided over the function and delivered presidential address.

Dr.P.A.Manoharan, Chairman, IEEE Madras Section, inaugurated the expo and delivered the inaugural address. In his inaugural address he stressed the importance of innovations in project. Currently industries are coming forward to sponsor and establish a brand new machineries like robots in the colleges to show case their product and technology for the development purpose.

Dr. P. Ganesh, Senior Scientist, IPRC, Mahendragiri, offered felicitation and delivered keynote address on Career Guidance. Dr. P. Ganesh appreciated the efforts of the participants and distributed the prizes and certificates. Dr.S.Sivakumar, Vice Principal, Shri.R.Annamalai, PRO and heads of various departments were present. Dr.T.Shanthi, Project Officer, delivered Expo summary. Dr.S.Sivakumar delivered vote of thanks. More than 700 Students from various Engineering colleges of Tamil Nadu, Andhra Pradesh and Karnataka have participated in the Project expo.

Details of Prize Winners			
S. No	Department	Name of the Participants / College	Title of the Project
1	Best Project Award	Jeeva S K, D Karthick, G Sanjai S Sundaramoorthy / Civil Engg., Kongu Engineering College, Erode	Modern Foot plane
2	Overall Contribution	E.G.S Pillay Engineering College, Nagapatinam	
3	Civil Engineering	First Prize: M.P.Salaimanimagudam, Civil Engg., Kings College of Engineering	Design and Experimental Optimization of Dynamic Building Skin By Bim
		Second Prize: K.B.Vetharajashri, J.Grijasri, R.Sivaranjani, R.Swetha Arasu Engineering College, Kumbakonam	Bagasse Ash As An Effective Replacement In Fly Ash Brick
4	Computer Science & Engineering	First Prize: M S Sripadaraj, M Sai Versha, C Hari Krishna, P Ramaraju Kuppam Engineering College	Country Baskets
		Second Prize: M.Baranitharan, R.Nagarajan, Kings College of Engineering	Automatic Human Detection In Surveillance Camera To Avoid Theft Activities In ATM Centre Using Artificial Intelligence
5	Electrical& Electronics Engineering	First Prize: Ahamed Maududi, Mohamed Taweeq Riyaz Ahamed, Muzamil J.J College of Engg & Tech, Tiruchirappalli	Smart Wheelchair
		Second Prize: K. Ravichandran, A. Aravinth Kumar L. Rishwanthraj, E.G.S Pillay Engineering College, Nagapatinam	The novel of automatic areator for aquaculture application
6	Electronics & Communication Engineering	First Prize: M Aravinth, M. Jefri robinson, S. Manikandan, A. Ravichandran	Automatic Health drink maker for old age people, physically challenged and blind persons.
		Second Prize: R. Aravinthkumar, M. Sudhakar, S Dhanuja, R. Shilpa Annamalai University, Chidambaram	Flood Water and Rain Water Management
7	Mechanical Engineering	First Prize: S.Hariharan, J.Jothibas, M.Narendren R.Navaneetha Krishnan Kings College of Engineering	Mechanically Operated Garbage Cleaning Vehicle Using Hoecken's Linkage Mechanism
		Second Prize: G.Saravanakumar, K.Saravanakumar University College of Engineering, Thirukuvalai	Design and Analysis Of High Altitude Wind Power Generation System



Dignitaries on the Dias



Lighting of Ceremonial Lamp



Welcome Address by Dr. J. Arputha Vijaya Selvi,
Principal, KCE



Honoring the Chief Guest - Dr. P.A. Manoharan,
Chairman-IEEE



Honoring the Guest - Dr. P. Ganesh,
Sr. Scientist,IPRC



Presidential Address by Dr. R. Rajendran,
Secretary, KCE



Release of Hardcopy of Souvenir



Release of Softcopy of Souvenir



Inaugural Address by Dr. P. A. Manoharan



Invited Talk by Dr. P. Ganesh



A view of the participants



Inaugurating the EXPO



View of the projects displayed at the EXPO



Aero Modeling by 3TN Air Sqn (Tech), Trichy



EXPO summary by Dr. T. Shanthi, PO, KCE



Distribution of Prize to the winners



Participants receiving Best Project Award



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2016 – 17

Circular

Date: 21.07.2016

This to inform that the ECE department has arranged a seminar on the title **"Embedded Real Time Operating System and its applications"** for the final year ECE students on **29th July 2016**. All the final year students have to attend the seminar to enrich their knowledge in embedded system.

Resource Person: B. Jothi
 CRG Engineer (Core Research Group)
 Prolific Svstms & Technologies Pvt.
 Chennai

Venue: Pallava Hall

Time: 3.00p.m. – 4.30p.m.

Coordinators

(Mr.T.Jeyaseelan)
 (Mrs.P.Geethabai)

J. Arputha Vijaya Selvi
 21/7/16
 HOD/ECE

(Dr.J.Arputha Vijaya Selvi)

IV A - W. Newton.
IV B - Jothi
29/7/16



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year 2016 – 2017

REPORT

Seminar on – “Embedded Real Time Operating System and its applications”

Venue: Pallava Hall

Date: 29.07.2016

Department of Electronics and Communication Engineering has organized a seminar on **“Embedded Real Time Operating System and its applications”** for the final year ECE students of strength 124 on 29.07.2016 (Friday) at Pallava Hall @10.30 a.m. Mr.T.Jeyaseelan AP/ECE and Mrs.P.Geethabai AP/ECE has coordinate this event.



The event coordinators Mr.T.Jeyaseelan and Mrs.P.Geethabai with the Resource person Mr.Jothi,CRG Engineer,PROLIFIC on the Dias

The event was started at 10.30a.m. with the welcome address delivered by Mrs.P.Geethabai AP/ECE, followed by the introducing and honoring of the Resource person by Mr.T.Jeyaseelan AP/ECE. Then the session was handed over to the resource person.



Mr.T.Jeyaseelan introducing the Resource Person



Mr.T.Jeyaseelan honoring the Resource Person



Mr.T.Jeyaseelan honoring the Resource Person with the memento

Mr. B. Jothi, CRG Engineer, PROLIFIC, Chennai was the Resource person. He delivered lecture on microprocessor and microcontroller and their differences, on embedded system, on recent protocols in real time applications and their usages.



The Resource person Mr.Jothi on delivering the lecture

The session was very interacting and interesting for the students. The session came to an end at 12.30p.m. with the feedback delivered by the students.



Final year ECE students at the seminar

The event ended with the delivery of vote of thanks by Mrs.P.Geethabai,AP/ECE, Thanking the Management, Principal, Accounts Officer, Dean R&D/HOD-ECE for granting permission to conduct this event and providing SFRDS.

Jes P. Geethabai
Coordinators

(Mr. T. Jayaseelan)
(Mrs. P. Geethabai)



PROFILE

Name	B. Jothi
Designation	CRG Engineer (Core Research Group)
Organization	Prolific Systems & Technologies Pvt. Ltd.,
Location	Chennai
Educational Profile	Master of Science M.Sc., - Electronics
Career Profile	<ul style="list-style-type: none"> ◆ Working as Sr. Core Research Group Engineer in M/s. PROLIFIC SYSTEMS & TECH. PVT. LTD., Chennai, for the past 6 years. ◆ Conducted various training programs related to Embedded Systems, MATLAB, PCB Designing etc, to Engineering Graduates / Diploma Holders in various Colleges across South India. ◆ Proficient in <ul style="list-style-type: none"> f. EMB C, Micro Controllers g. Matlab, PCB Designing h. Robotics, Serial Buses i. ARM, PIC, Emb Linux j. RTOS



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2016-2017 (ODD SEMESTER)

RECEIPT

Ref: KCE/ECE/HOD/SFRDS/2016-2017 /ODD/02

29/7/2016

Received with thanks a Sum of Two Thousand Five Hundred Rupees (Rs 2500/- only) towards remuneration for presenting a seminar on **"EMBEDDED RTOS and its Applications"** on 29.07.2016 to the Final year ECE students (124 students) organized by Department of Electronics and Communication Engineering, Kings College of Engineering, Punalkulam, Thanjavur.

Resource Person

B. Jothi
CRG Engineer (Core Research Group)
Prolific Systems & Technologies Pvt. Ltd.,
Chennai

Dr. J.Arputha Vijaya Selvi, M.E., Ph.D.,

Dean R&D, HOD/ ECE,

Kings College of Engineering,

Thanjavur - 613 303.

29.07.2016

To

B. Jothi

CRG Engineer (Core Research Group)

Prolific Systems & Technologies Pvt. Ltd.,

Chennai

Dear Sir,

On behalf of our Management, Principal, Faculty and students of ECE, we express our sincere thanks for your Lecture on **"Embedded Real Time Operating System and its applications"** delivered to the final year ECE students on 29.07.2016 in our Department. Your Lecture was valuable and useful to our students to explore their knowledge in Embedded System.

Thank you,

Regards,

Dr. J.Arputha Vijay Selvi.

Dean R&D, HOD/ ECE

Dr. J. Arputha Vijaya Selvi,

M.E., Ph.D.,

Dean R&D,
Kings College of Engineering,
Punakulam, G. V. Mankottai Tk,
Pudukkottai District - 613 303,
Tamilnadu.



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CRITERION: 3.2.2

Department of Electrical and Electronics Engineering

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2020-2021 (EVEN)**

INTERNAL SEMINAR-REPORT

On behalf of Department of EEE, Project club has organized Internal Seminar on "MATLAB in Power Electronics" for second, third year EEE students on 19.03.2021. The main objective of the internal seminar is to provide basic introduction about MATLAB in Power Electronics using Simulink and its applications.

Beneficiaries: Total: 23 : (II, III Year Students)

Session: Seventh session (3.10 P.M to 4.00 P.M)

Venue: Electrical Machines Laboratory

Resource Person (Internal): Mr. J. Arokia Raj, Assistant Professor/EEE

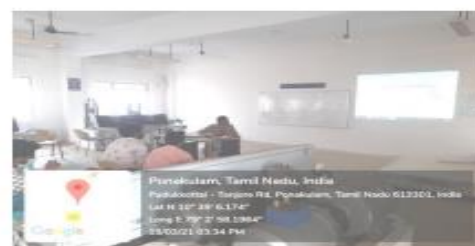
Mr. J. Arokia Raj AP/EEE welcomed all the second and third EEE students. During his session, he started with basic questions about Purpose of Simulation and interaction to all the students. He introduced about the Simulink library and functions of each library tools and its applications. Then he has explained and construct the various important block used for power electronics converters and inverters in MATLAB Simulink files.

He has briefed about the different types of converters with some example and he shows the operation block setting parameters in MATLAB Simulink library tools. Similarly several types of power inverters were simulated using selectable modeling techniques and its Configurations.

Discussed and configure the following library tools.

- Electrical Sources and Elements.
- Motors and Generators.
- Power Electronics

SNAPSHOTS



Mr. J. Arokia Raj, AP/EEE delivering Internal Seminar

OUTCOME:

- Students will be able to understand the theoretical knowledge on MATLAB Simulink.
- Students are able to understand the different types of power electronics converters and their functions.



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
AND
RESEARCH AND DEVELOPMENT SECTION**


WEBINAR REPORT

The department of Electrical and Electronics Engineering in association with Research and Development section has organized a national webinar on '**Building Internet of Things using Raspberry Pi**' on 22nd October, 2020.


Beneficiaries : Students, Research scholars and Faculty from ECE,EEE and CSE
Session : 10 A.M to 11.A.M
Venue : Online (Google meet)
Resource Person : Dr.R.Sriranjani
 Assistant Professor /EEE
 SASTRA University, Thanjavur

The objective of this webinar is to impart in depth knowledge on Internet of Things design using raspberry Pi. Dr. M. Meenalochani, Assistant Professor/ Department of EEE, Kings College of Engineering welcomed the participants and introduced the Resource person. The resource person had given the lecture on " **Building Internet of Things using Raspberry Pi** ". In this lecture, she introduced the concepts of Internet of things. She explored the hardware details and working of Raspberry Pi with sensors. She also provided a virtual demonstration of uploading the program and its execution in Raspberry Pi. In this webinar, 75 participants registered from various Institutions all over India. Vote of thanks was given by Mrs. N.Rajeswari, Assistant Professor/ Department of EEE, Kings College of Engineering. Participants had their queries answered by the resource person at the end of the session. All the attended participants gave their valuable feed back after the webinar session and E-certificate has been sent to them through email. The webinar brochure, copy of certificate for participants, list of participants and feedback analyses are given below.

Webinar Brochure



Webinar on
Building Internet of Things using Raspberry PI
Organized by
 Department of Electrical and Electronics Engineering
 and
 Research and Development Section



Dr. P. Srinivasan
 Assistant Professor
 School of EEE
 SASTHA University,
 Thanjavur

For Registration:
<https://forms.gle/rfDfaVNqo5FgBYgm6>

Date: 22.10.2020

Time: 10 A.M – 11 A.M

Coordinators	R&D Co-ordinator	Convenor	Principal
Dr.M.Meenalochani, AP/EEE Mrs.N.Rajeswari, AP/EEE	Dr.P.P.Shantharaman	Dr.A.Albert Martin Ruban	Dr.J.Arputha Vijaya Selvi

Target Audience:
 Students, Research scholars and Faculty from EEE, ECE and CSE

No registration fee
E-certificate will be provided to participants

Sample Certificate



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 Approved by AICTE, New Delhi (Affiliated to Anna University, Chennai)
 Paruthi, Near Thanjavur, Pudukkottai Dt - 613 303



BFWMFU-CE000071

CERTIFICATE OF PARTICIPATION

This is to certify that _____ Dr. Ankur Rai
 _____ Assistant Professor _____ of _____ Invertis University _____
 has actively participated in the webinar on **“Building Internet of Things using Raspberry PI”** Organized by Department of Electrical & Electronics Engineering and Research & Development Section, Kings College of Engineering, Punalkulam, on 22.10.2020.

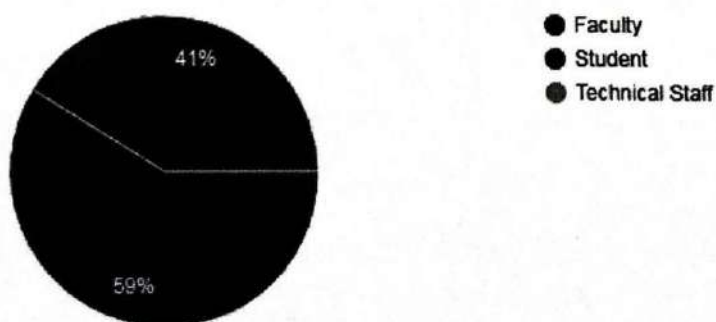
Dr.M.Meenalochani	Dr.P.P.Shantharaman	Dr.A.Albert Martin Ruban	Dr.J.Arputha Vijaya Selvi
Mrs.N.Rajeswari	R&D Co-ordinator	Convenor	Principal
Coordinators			

E-Certificate- Signature not required

List of Participants

S.No	Name of the Institution	No. of Participants
1	R.M.D Engineering College, Chennai	4
2	Kalasalingam Institute Of Technology, Madurai	3
3	APCOER, Pune	3
4	SRM Institute Of Science And Technology, Chennai	4
5	Lady Doak College, Madurai	2
6	Dhanalakshmi college of Engineering, Chennai	4
7	Nehru Institute of Technology, Coimbatore	2
8	PSCMR College of Engineering and Technology, Andhra Pradesh	2
9	Bharath Institute of Higher Education and Research, Chennai	3
10	National Institute of Nutrition, Hyderabad	2
11	Aryabhatta Knowledge University, Patna	2
12	St. Joseph's College of Engineering, Chennai	3
13	Aarupadai Veedu Institute Of Technology, Chennai	4
14	Srm Ist Ramapuram Campus, Chennai	4
15	Thakur Institute of Management Studies, Career Development & Research, Maharashtra	2
16	V R Siddhartha Engineering College, Andhra Pradesh	1
17	Vijaya Institute of Technology for Women, Andhra Pradesh	2
18	C.Abdul Hakeem College of Engineering and Technology, Vellore	3
19	Potti Sri ramulu chalavadi Mallikarjuna Rao college of Engineering and Technology, Andhra Pradesh	2
20	Adhiparasakthi College of Arts and science, Melmaruvathur	2
21	Invertis University, Uttar Pradesh	1
22	Kings College of Engineering, Punalkulam	20

Details of Participants



Sample feedback from Participants

Feedback/Suggestions

75 responses

very useful

Session was nicely organized.

Good work really great. Also like to receive the materials of training if possible. Thanks.

Nice presentation and useful message


Very informative and useful session.

Nothing


Very nice

Very good

GOOD SESSION


Coordinators

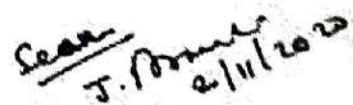
Dr.M.Meenalochan
Mrs.N.Rajeswari


R&D Coordinator

Dr.P.P.Shantharaman


29/10/20
Convenor

Dr.A.Albert Martin Ruban


2/11/2020
Principal

Dr.J.Arputha Vijaya Selvi



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
ACADEMIC YEAR 2019-20 EVEN
ONE DAY WORKSHOP ON
"ADVANCED CONTROL TECHNIQUES IN INDUSTRIAL ENGINEERING"
POST WORKSHOP REPORT

Event : Workshop
Title : Advanced Control Techniques in Industrial Engineering
Date : 21.02.2020
Technical Sponsor : IEEE Students Branch-STB16621&ISTE Students Branch TN 217
Number of Beneficiaries : External: 28
Internal: 04
Resource Persons : 1.Dr.S.Sivakumar, VP/KCE.
2. Mr.R.Sundaramoorthi, AP/EEE, KCE.
3. Mr.J.Arokiaraj, AP/EEE, KCE.
4. Dr.M.Meenalochani, AP/EEE, KCE.
Venue : Pallava Hall



At Inauguration



Welcome Address

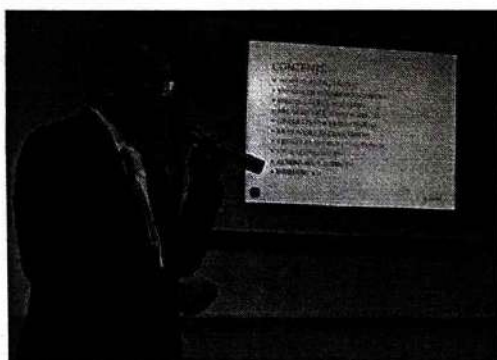


Inauguration Address

OBJECTIVES OF ORGANIZING WORKSHOP:

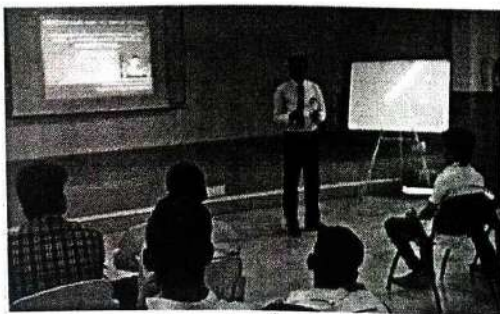
- To meet curriculum requirements.
- To provide knowledge about controllers and its Applications.
- To understand the design of renewable energy systems using soft computing tools.
- To Know about the Advanced Technique in Industry.

In order to satisfy the above requirements, Department of Electrical & Electronics Engineering organized one day workshop on “Advanced Control Techniques in Industrial Engineering” on 21.02.2020.



Session-I was handled by Dr.S.Sivakumar,Vice Principal, KCE

Session-I was handled by Dr.S.Sivakumar on “Introduction about Energy Scenario & Advanced Control Techniques in Industry”. In his presentation he pointed out that the importance of energy consumption of nations. He presented lots of statistics regarding energy scenario. Vice Principal compared the various energy sources consumption by various nations from 1950's to till date. He mentioned the importance of renewable energy sources and also he discussed about the advanced control techniques used by industries.



Session-II was handled by Mr.R.Sundaramoorthi, AP/EEE, KCE

Session-II was handled by Mr.R.Sundaramoorthi on "Introduction about Controllers".

In his session he covered the following topics:

- Introduction of controllers
- Importance of controllers
- Types of controllers.
- Methodology and design
- Types of conventional controllers
- Programmable Logic Controllers (PLC)

He pointed out the lot of real time examples of Automatic over tank filling & Vehicle Acceleration. The session was very interactive and informative.



Session-III(Laboratory) was handled by Mr.J.Arokiaraj, AP/EEE, KCE

Session -III (Laboratory) was handled by Mr.J.Arokiaraj. In his session he demonstrated the working operation of solar panel with converter and DSP based PMBLDC motor speed control techniques.

Details of Solar Plant Details:

Total Capacity	: 1kWp
Panel	: 4
Each unit	: 260Wp

Details of Charge Controller:

Input Voltage : (12 – 48) V - Variable
Output Voltage : (0 – 48) V - Constant
Output Current : (0-10) A

Details of Converter:

Input Voltage : 24 V - DC
Output Voltage : 220 V - AC (Sinusoidal PWM)
Capacity : 3000 VA



Session-IV(Laboratory) was handled by Dr.M.Meenalochani, AP/EEE, KCE

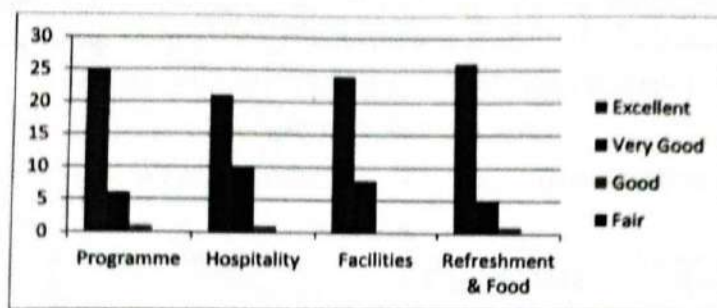
Session-IV (Laboratory) was handled by Dr.M.Meenalochani on "Introduction of Simulating Software & Design of Renewable Energy Systems using Soft Computing tools". In her session she covered the following topics:

- Introduction of soft computing
- Comparison Hard & Soft computing
- Soft Computing tools
- Applications of soft computing
- Methodology and design by using soft computing tools

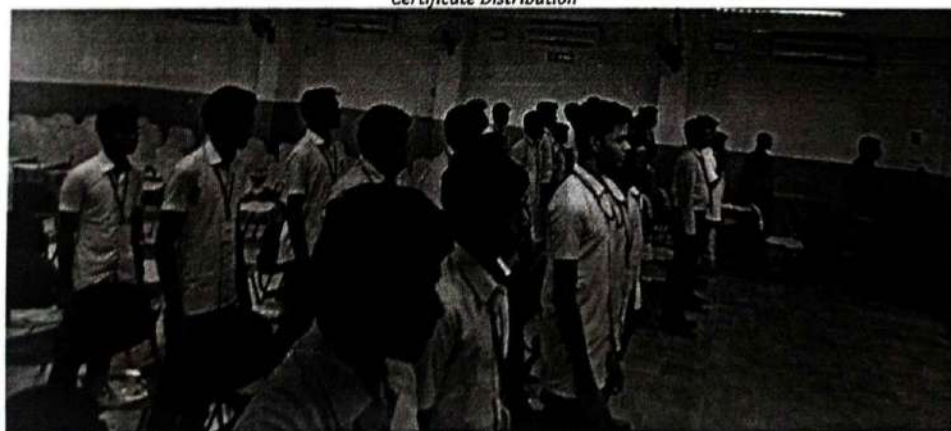


Feedback session

Feedback was collected from 32 participants:



Certificate Distribution



National Anthem

Prepared by

Verified by

[Signature]
Coordinator

[Signature]
Academic Coordinator

[Signature]
HOD

[Signature]
VP

[Signature]
Principal

From

P. Arunkumar,
P. R. Karthikeyan,
John Selvaraj,
AP/EEE,
Kings College of Engg,
Punalakulam.

Punalakulam,
17/02/2020.

To

The principal,
Kings College of Engg,
Punalakulam.

Respected madam,

Sub:- Requisition for permission to conduct one day
workshop on 21/02/2020 regarding:-

We kindly inform you that, our department ~~has~~ planned
conduct one day workshop on "Advanced Techniques in
Industrial Engineering" on 21/02/2020. Hence we request
you to permit us to organize the workshop in
successful manner, and also permit the outside
participants utilize the our college bus on that day only.

Thanking you

Submitted to the Principal

A. Arumugam
17/02/20

Sub. to Secretary Sir
J. Perumal
17/2/2020.

Yours Faithfully,

J. R. Karthikeyan
17/2/2020
17/2/2020

Recd
20/2/2020



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR 2019-20 EVEN

ONE DAY WORKSHOP ON "ADVANCED CONTROL TECHNIQUES IN INDUSTRIAL ENGINEERING"

DATE: 21.02.2020

AGENDA

TIME	PROGRAMME
9.15 AM – 10.00 AM	Registration
10.00 AM – 10.15 AM	Inauguration
10.15 AM – 11.30 AM	Session – I (Introduction about Energy Scenario & Advanced Techniques in Industry) Resource Person: Dr.S.Sivakumar VP/KCE
11.30 AM – 11.45 AM	Tea Break
11.45 AM – 01.15 PM	Session-II (Introduction about Controllers) Resource Person: Mr.R.Sundaramoorthi, AP/EEE, KCE
01.15 PM – 2.00 PM	Lunch Break
2.00 PM – 2.45 PM	Session-III (Lab Visit) Resource Person: Mr.J.Arokiaraj, AP/EEE, KCE
2.45 PM – 3.45 PM	Session- IV (Introduction of Simulating Software & Design of Renewable Energy Systems using Soft Computing tools) Resource Person: Dr.M.Meenalochani, AP/EEE, KCE
3.45 PM – 4.00 PM	Tea Break
4.00 PM – 4.15 PM	Valedictory & Certificate Distribution

[Signature]
Coordinators

[Signature] 20/2/20
HOD/EEE

Participation

PG, UG and Diploma Students from various institution.

Workshop Contents

- ✓ Introduction about Energy Scenario.
- ✓ Introduction about Controllers.
- ✓ Advanced Technique in Industry.
- ✓ Design of Renewable Energy systems using soft computing tools.
- ✓ Introduction of Simulating Software.

Registration Fee per Participant: Rs. 150/-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to workshopeekce@gmail.com.

Important Dates

Last date for Submitting
Registration form : 19.02.2020
Intimation of Acceptance : 20.02.2020
(through e-mail or Phone)

Organizing Committee Chief Patrons

Dr. R. Rajendran
Secretary

Mr. T.R.S. MuthuKumaar
Chief Executive Officer

Patron

Dr. J. Arputha Vijaya Selvi
Principal

Co-Patron

Dr. S. Sivakumar
Vice - Principal

Convener

Dr. A. Albert Martin Rubens
HOD/EEE

Co-Ordinators

Mr. J. Arokia Raj AP/EEE

9786779591

Mr. S.R. Karthikeyan AP/EEE

9790469427

Mr. C. John Selvaraj AP/EEE

9789567816

Route Map



One Day Workshop
On

**"ADVANCED CONTROL TECHNIQUES
IN INDUSTRIAL ENGINEERING"**

21st February, 2020



Jointly Organized by

Department of Electrical &
Electronics Engineering
and

ISTE & IEEE Students Branch-STB16621



KINGS
COLLEGE OF ENGINEERING

NAAC Accredited Institution
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Punakulam, Thanjavur-613 303
Phone : 04362 282474, 282676.
Fax : 04362 282494
www.kingsindia.net

About Our Institution

Kings College of Engineering (KCE) was born out of a dream and vision to provide education with unparalleled quality to the young and enthusiastic students of our nation. The college is approved by the AICTE, New Delhi and affiliated to Anna University, Chennai. The drive from our management and dedication of the faculty has seen KCE to rise to the status on one of the most prestigious institutions in this part of the country.

KCE, run by Raj Educational Trust (RET), Chennai, is a fast growing technical institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely, Civil, CSE, ECE, EEE and Mechanical Engineering and four PG programmes namely, Computer Science & Engineering, VLSI Design, Power Electronics & Drives and Thermal Engineering. We strive and endeavor every passing day to build our students as technocrats.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from New Bus Stand on Thanjavur - Pudukkottai National Highway.

Genesis

The Electrical & Electronics Engineering Department is established in the year 2001. The department of EEE offers 4 year B.E degree course and 2 year M.E in Power Electronics and Drives(EEE). We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. All the laboratories are well established with the state-of-art equipment and latest licensed software for simulation studies that will help our students to achieve their goals. Our department has an approved research center for pursuing research (Ph.D) under Anna University, Chennai.

Communication Address

Mr. J. Arokia Raj, Mr. S.R. Karthikeyan &
Mr. C. John Selvaraj

Co-ordinators of Workshop,

Department of EEE,

Kings College of Engineering,

Punakulam,

Thanjavur - 613 303

Phone : 04362 282474, 282676

Mobile: Mr. J. Arokia Raj - 9786779591

: Mr. S.R. Karthikeyan - 9790469427

: Mr. C. John Selvaraj - 9789567816

E-mail : workshopeekce@gmail.com

One Day Workshop

On
**"ADVANCED CONTROL TECHNIQUES
IN INDUSTRIAL ENGINEERING"**

Registration Form

(Fill up in Capital Letters)

Name :

☐ PG ☐ UG ☐ Diploma

Department :

Institution :

Communication

Address :

Phone/Mobile No. :

Email ID :

Registration Fee :

Date : Signature of the Applicant

Sponsoring Certificate

This is to certify that Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Advanced Control Techniques in Industrial Engineering" organized by department of EEE, Kings College of Engineering on 21st February, 2020.

Date :

Signature of sponsoring authority
(with seal)



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Affiliated to Anna University, Chennai



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ONE DAY WORKSHOP

On

"ADVANCED CONTROL TECHNIQUES IN INDUSTRIAL ENGINEERING"

21st February' 2020

EXPENDITURE DETAILS FOR WORKSHOP

S.No.	Items	Specifications	Amount
1.	Flex	(10X2)	300
2.	Workshop Kit	Folder, Notepad, Pen	892.50
3.	Certificate	35 No's	420
4.	Refreshment	Morning + Evening	900
5.	Lunch	29 No's	1450
6.	Miscellaneous	--	100
TOTAL Rs.			4062.50

SOURCE OF INCOME STATEMENT

PARTICULARS	AMOUNT
External Participants	3850
Internal Participants	400
Total Amount Income Rs.	4250

Amount Returned to Department Association Rs. $(4250 - 4062.5) = 187.50/-$

[Signature]
COORDINATORS
2/3/2020

[Signature]
CONVENER
2/3/20



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ONE DAY WORKSHOP

On

SENSORS AND CONTROLLERS IN ELECTRICAL ENGINEERING APPLICATIONS

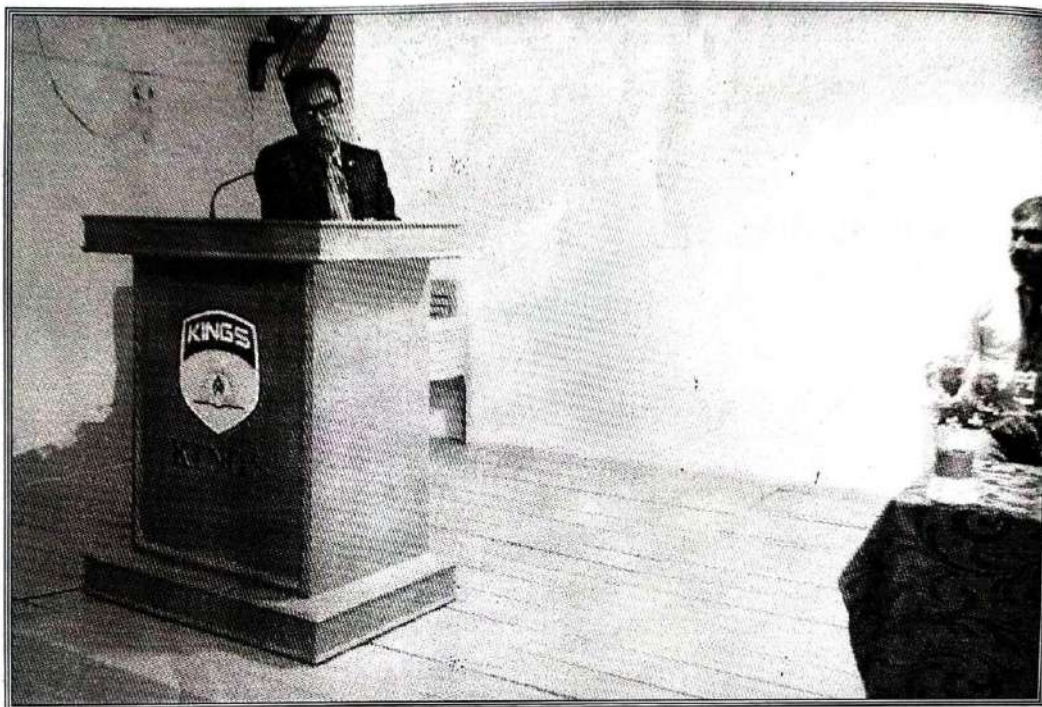
REPORT

The Department of Electrical & Electronics Engineering of Kings College of Engineering, ISTE and IET Students chapter jointly organized a one day workshop on "SENSORS AND CONTROLLERS IN ELECTRICAL ENGINEERING APPLICATIONS" on 16th August, 2019 at our college premises. Totally Seventy nine participants were participated in this programme. (External - 24 Participants, Intra department - 17 Participants and Internal participants - 38)



The inaugural function was presided over by Resource Persons Er. K. Amirtha Ganesh, Director, Armada Industrial Automation, Thanjavur, Dr. S. Sivakumar, Vice Principal, KCE and Er. S. Jagadeesan, Technical Officer, Electronics Corporation of India Limited Mr. J. Arokiaraj AP/EEE, Co-ordinator of Workshop delivered the welcome address.

Our Vice Principal Dr. S. Sivakumar delivered the inaugural address, followed by introduction of resource person given by Ms. M. Meenalochani, AP/EEE. Our Head of the department Dr. A. Albert Martin Ruban, Convener of this workshop were honored the Resource Persons.



Inaugural address, Dr. S. Sivakumar, Vice Principal



Guest of honor



During the presentation session I, he has explained the following content,

- ✓ Introduction about Sensors.
- ✓ Introduction about Industrial sensor Based Controllers.
- ✓ Sensors used in Domestic Applications.



Resource Person Mr. K. Amirtha Ganesh, delivered his speech



In Session II - Dr. S. Sivakumar, delivered his speech

During the presentation session II , he has explained in the following content,

- ✓ Design of Controllers Based on Simulation Software.
- ✓ Sensors used in Industrial, Domestic & Mobile Applications.
- ✓ Advanced Sensor & Controller Techniques in Power Electronics.
- ✓ Tools used in sensors Controllers.
- ✓ Sensor & Controllers based Industrial Opportunities.



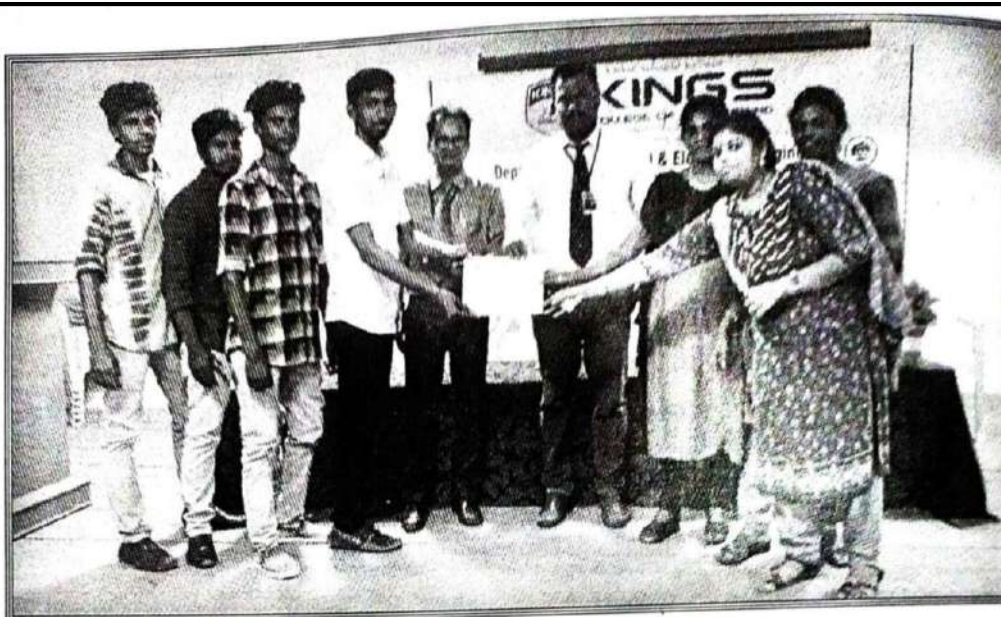
In Session III - Resource Person Er. S. Jagadeesan, delivered his speech



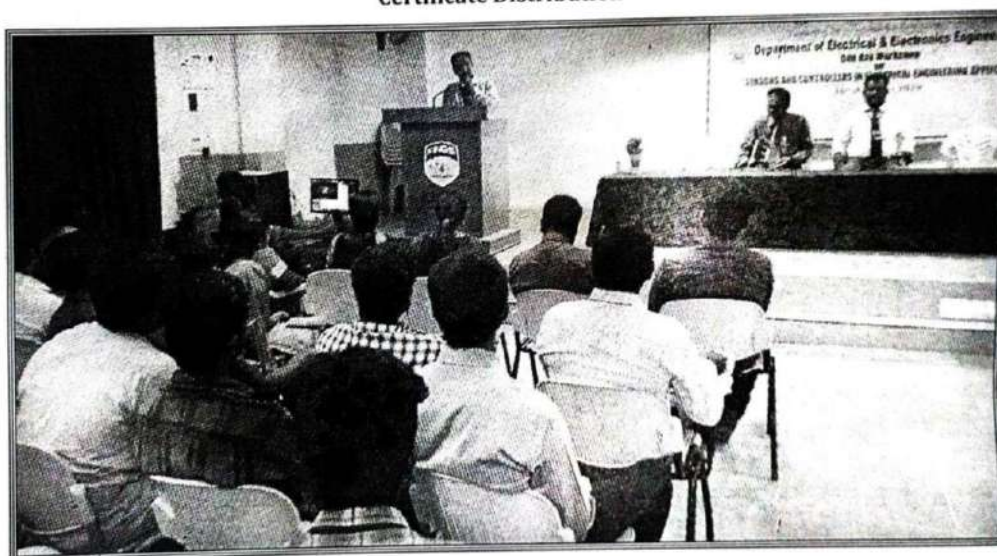
Participants



Valedictory function, Vice Principle and Convener with Workshop team



Certificate Distribution



Vote of Thanks

At the valedictory function Mr. S.R.Karthikeyan AP/EEE, Co-ordinator of Workshop delivered vote of thanks.

S. R. Karthikeyan
COORDINATORS

A. Jeyaraj
23/8/19
CONVENER

S. R. Karthikeyan
24/8/19
VP

J. Murali
24/8/19
PRINCIPAL

From

J. Arokiaaraj,
S.R. Karthikeyan,
AP/EEE,
Kings College of Engg,
Punalkulam.

Punalkulam,
22/7/19

To

The Principal,
Kings College of Engg,
Punalkulam.

Respected madam,

Sub:- Requisition for permission to organize
workshop regarding:-

We kindly inform you that our department have plan
to organize one day workshop on "sensors & controllers
in Electrical Engineering Applications" on 16th August,
2019. Hence we request you to permit us to
organize the workshop. And also provide pallava hall
on that day. Also provide shawl & memento 2 No's
for chief guest [Resource Persons]

Thanking you

Yours faithfully,

Submitted to the Principal

A. Arumma
22/7/19

J. Arumma
22/7/19

AK
22/7/19

S.R. Karthikeyan
22/7/19

Participation

PG, UG and Diploma Students from various institutions.

Workshop Contents

- ✓ Introduction about Sensors.
- ✓ Introduction about Industrial sensor Based Controllers.
- ✓ Design of Controllers Based on Simulation Software.
- ✓ Sensors used in Domestic Applications.
- ✓ Advanced Sensor & Controller Techniques in Power Electronics.

Registration Fee per Participant: Rs. 200/-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to workshopeekce@gmail.com.

Important Dates

Last date for Submitting
Registration form : 12.08.2019
Intimation of Acceptance : 14.08.2019
(through e-mail only)

Organizing Committee

Chief Patrons

Dr. R. Rajendran
Secretary

Mr. T.R.S. Muthu kumaar
Chief Executive Officer

Patron

Dr. J. Arputha Vijaya Selvi
Principal

Co-Patron

Dr. S. Sivakumar
Vice - Principal & Head (T&P)

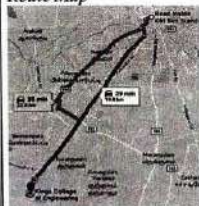
Convener

Dr. A. Albert Martin Ruban
HOD/EEE

Co-Ordinators

Mr. J. Arokiaaraj AP/EEE
Mr. S.R. Karthikeyan AP/EEE

Route Map



One Day Workshop
On



"SENSORS AND CONTROLLERS IN
ELECTRICAL ENGINEERING
APPLICATIONS"

16th August, 2019



Jointly Organized by
Department of Electrical &
Electronics Engineering
and
ISTE & IEI Students Chapter



KINGS
COLLEGE OF ENGINEERING

NAAC Accredited Institution
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
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Phone : 04362 282474, 282676.
Fax : 04362 282494
www.kingsindia.net

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KCE, run by Raj Educational Trust (RET), Chennai, is a fast growing technical institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely - EEE, ECE, CSE, Mechanical and Civil Engineering and four PG programmes namely - VLSI Design, Thermal Engineering, Power Electronics & Drives and Computer Science & Engineering. We strive and endeavor every passing day to build our students as technocrats.

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Communication Address

The Head of the Department
Department of EEE.
Kings College of Engineering,
Punakulam,
Thanjavur - 613 303

Phone : 04362 282474, 282676
Mr. J. Arokiaaraj & S.R. Karthikeyan AP/EEE
Co-ordinators of Workshop:

Mobile:

Mr. J. Arokiaaraj - 9786779591
S.R. Karthikeyan - 8248821507

E-mail : workshopeekce@gmail.com

One Day Workshop

on
"Sensors and Controllers in Electrical
Engineering Applications"

Registration Form
(Fill up in Capital Letters)

Name : _____

☐ PG ☐ UG ☐ Diploma

Department : _____

Institution : _____

Communication
Address : _____

Phone/Mobile No. : _____

Email ID : _____

Registration Fee : _____

Date : _____ Signature of the Applicant

Sponsoring Certificate

This is to certify that Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Sensors and Controllers in Electrical Engineering Applications" organized by Department of EEE, ISTE & IEI Student Chapter, Kings College of Engineering on 16th August, 2019.

Date: _____ Signature of sponsoring authority
(with seal)

www.kingsindia.net

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One Day Workshop

on

"Sensors and Controllers in Electrical Engineering Applications"

16th August, 2019

Jointly Organized by

*Department of Electrical and Electronics Engineering
and*

ISTE Students Chapter & IEI Students Chapter

25.07.2019

Organizing Committee

Chief Patrons

Dr.R.Rajendran
Secretary

Mr.T.R.S.Muthu Kumar
Chief Executive Officer

Patron

Dr.J.Arputha Vijaya Selvi
Principal

Co-Patron

Dr.S.Sivakumar
VicePrincipal

Convenor

Dr.A.Albert Martin Ruban
HoD/EEE

Coordinators

Mr.J.Arokiaraj,
AP/EEE
Mobile - 9786779591

Mr.S.R.Karthikeyan,
AP/EEE
Mobile - 8248821507

To

The Principal / Head of the Department-EEE & ECE

Sir / Madam,

Sub: Circulation of Information brochure of One day workshop on ***"Sensors and Controllers in Electrical Engineering Applications"*** - regarding.

We are glad to inform you that the Department of Electrical & Electronics Engineering and ISTE Students Chapter & IEI Students Chapter have jointly organizing a One day workshop on ***"Sensors and Controllers in Electrical Engineering Applications"*** on ***16th August 2019***.

The main objective of this workshop is to impart fundamental knowledge about Introduction to Sensors, Industrial sensor Based Controllers, Design of Controllers Based on Simulation Software, Sensors used in Domestic Applications, Advanced Sensor & Controller Techniques in Power Electronics.

On behalf of the organizing committee of the workshop, We request you to circulate the enclosed brochure among the faculty members, research scholars and students of Department of Electrical & Electronics Engineering and Department of Electronics Communication Engineering in your esteemed institution and encourage them to participate in this one day workshop.

Thank You.

Regards,

Dr.A.Albert Martin Ruban,
HoD/EEE.



Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.
Ph: 04362-282474, 282395, 282396, Fax : 04362-282494



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ONE DAY WORKSHOP**

On
"Sensors and Controllers in Electrical Engineering Applications"
16th August, 2019

EXPENDITURE DETAILS FOR WORKSHOP

S.No.	ACTIVITIES	INCLUDING	AMOUNT
1.	Reception Items	Kalkandu, Rose & Chocolate	230
2.	Workshop Kit	File, Note pad, Pen & CD marker	1330
3.	Brochure	Sending various college	150
4.	Flex	(9x3)	350
5.	Certificate	(100 Nos.)	1200
6.	Refreshment	Tea (100 x 8 = 800)	800
		Snacks (115 x 10 = 1150)	1150
		Coffee (80 x 8 = 640)	640
7.	Lunch	35Nos. (35 x 40 = 1400)	1400
8.	Remuneration	Resource Persons	2000
TOTAL Rs.			9,250

SOURCE OF INCOME STATEMENT

PARTICULARS	QTY	AMOUNT
External Participants	24	4800
Internal Participants (Other depts.)	17	1700
Internal Participants (EEE dept.)	37	3700
Total Amount Income Rs.		10,200

Amount Returned to Department Association Rs. (10,200 - 9250) = 950/-

1.
2. **J. P. Bartholmey**
COORDINATORS

CONVENER



KINGS

COLLEGE OF ENGINEERING

Punalkulam, Thanjavur - 613 303
A NAAC Accredited Institution
(Recognized under 2(f) & 12(B) of UGC)



One Day Workshop

CERTIFICATE



This is to certify that Mr./Ms. V. TAMIL SELVAN of
KINGS COLLEGE OF ENGINEERING has participated in the
one day Workshop on "Sensors and Controllers in Electrical Engineering
Applications" on 16th August, 2019 jointly organised by the Department of
Electrical and Electronics Engineering, ISTE & IET Students Chapter, Kings college
of Engineering, Punalkulam, Thanjavur.

S. R. Karthikeyan
Co-ordinator

J. Arokiaaraj & S.R. Karthikeyan

Dr. A. Albert Martin Ruban
Convener

Dr. A. Albert Martin Ruban

Dr. J. Arputha Vijaya Selvi
Principal

Dr. J. Arputha Vijaya Selvi



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
One Day Workshop on
“Recent Trends in Electrical Engineering” on 15.02.2019

REPORT

The department of Electrical and Electronics Engineering and IEEE Student branch (IEEE STB 16621) has jointly organized a one day seminar on “Recent Trends in Electrical Engineering” on 15.02.2019. The objective of this workshop is to impart fundamental knowledge of Electrical Engineering, Design of Renewable Energy Systems using soft computing tools, Winding techniques, Industrial and domestic wiring and Advanced techniques in Power Electronics to the participants of polytechnic students.

Resource persons:

Session 1- Introduction about Electrical Engineering and Industrial & domestic wiring by Dr.S.Sivakumar, Vice Principal and Head/T&P, KCE

Session 2: Design of Renewable Energy sources using Soft computing tools by Mrs.A.Prabha AP / EEE, KCE.

Session 3: Practical session

Mr.J.Arokiaraj AP/EEE

Mr.R.Sundaramoorthi AP/EEE

Mrs.N.Rajeswari AP/EEE

Mr. S.R.Karthikeyan AP/EEE

Mr. C.John Selvaraj AP/EEE

Kings College of Engineering, Punalkulam.

Convenor:

Dr.A.Albert Martin Ruban, Associate Professor & Head / EEE

Coordinators:

1. Mrs.N.Rajeswari, Assistant Professor / EEE
2. Ms.E.Suganya, Assistant Professor / EEE
3. Mr.S.Sakthivel, Assistant Professor / EEE

Inaugural Session:

The dignitaries on the Dais during the inaugural session were Dr.S.Sivakumar, Vice Principal & T&P Head KCE, Dr.A.Albert Martin Ruban, Head / EEE, Mr.R.Sundaramoorthi Academic coordinator and Mrs.N.Rajeswari, Ms.E.Suganya and Mr.S.Sakthivel, Program Coordinators. The program was started by Thamizh Thaa

Vaazthu followed by Welcome address delivered by Mr.S.Sakthivel AP/EEE.The Presidential address was delivered by our Vice Principal Dr.S.Sivakumar.

Participants :

1. MEENACHI GOVINDHARAJAN POLYTECHNIC	- 19
2. CCMR POLYTECHNIC COLLEGE	- 3
3. GOVT.POLYTECHNIC COLLEGE – VALANGAIMAN	- 2
4. RAMYA SATHIYANATHAN	- 10
5. PRIST	- 6
6. PERIYAR	- 8
7. GOVT.POLYTECHNIC COLLEGE – PUTHUPATTI	- 32

Session 1- Introduction about Electrical Engineering by, Dr.S.Sivakumar, Vice Principal and Head/T& P, KCE :

The resource person started the session about the fundamentals of Electrical Engineering, Components and Symbols, Electrical equipments and Inventors, Current rating and voltage rating. He also delivered the lecture on Industrial and domestic wiring. During this session, the participants were actively interacted with the resource person.

Session 2: Design of Renewable Energy sources using Soft computing tools by Mrs.A.Prabha AP/EEE, KCE.

The introduction about the resource person of this session was given by Mr.R.Sundaramoorthi, AP/EEE. The resource person started the session with the basics of Renewable Energy with simple example followed by types of Renewable Energy and need of Renewable Energy, Global warming. She also delivered how Renewable Energy will be used in future of India. Finally she has mentioned that funding Agencies requirements and Job opportunities in Power sector. The session was very informative and the participants were interacted with the resource person.

Session 3: Practical session

After the Lunch break, the Laboratory session was conducted. Faculty members have demonstrated self controlled operation of synchronous induction motor, DSP based SRM motor, DSP based BLDC motor, FBGA based dc motor drive and stepper motor drive using Spartran 6.2i, Demonstration for live wire detector, range finder, motor and generator. This session was very interactive and useful.

Outcome:

The students were able to understand the basics of electrical and Renewable energy. They understand the awareness of renewable energy and job opportunities in power sector.

Valedictory Function:

The feedbacks from the participants regarding the workshop were collected. Then, Ms.E.Suganya, AP/EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with National anthem.

Event Photographs:



Welcome address delivered by Mr.S.Sakthivel AP/EEE



Presidential Address by, Dr.S.Sivakumar, Vice Principal And Head/T&P, KCE



Session 1: Introduction about Electrical Engineering by Dr.S.Sivakumar, Vice Principal



Participants listening the session



Session 2: Design of Renewable Energy sources using Soft computing tools by Mrs.A.Prabha AP/ EEE



Session 3: Practical Sessions



Practical Session at Power Electronics Lab



Practical Sessions at Electrical Machines

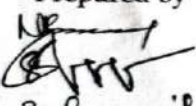
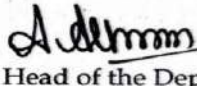
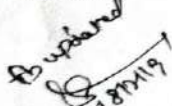

Valedictory Function



Certificate distribution



Vote of thanks

Prepared by		Verified by
		
Academic Coordinator		Head of the Department
		
Principal	Principal	
18/12/19	19/12/19	

Participation

UG and Diploma Students from various institution.

Workshop Contents

- ✓ Introduction about Electrical Engg.
- ✓ Introduction about Industrial & domestic Wiring.
- ✓ Winding Techniques
- ✓ Introduction of Simulation Software.
- ✓ Advanced Techniques in Power Electronics
- ✓ Design of Renewable Energy systems using soft computing tools.

Registration Fee per Participant: Rs. 125 /-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to workshopeekce@gmail.com.

Important Dates

Last date for Submitting
Registration form : 12.02.2019
Intimation of Acceptance : 14.02.2019
(through e-mail only)

Organizing Committee Chief Patrons

Dr. R. Rajendran
Secretary

Mr. T.R.S. Muthu Kumaar
Chief Executive Officer

Patron

Dr. J. Arputha Vijaya Selvi
Principal

Co-Patron

Dr. S. Sivakumar
Vice - Principal

Convener

Dr. A. Albert Martin Ruban
HOD/EEE

Co-Ordinators

Mrs.N.Rajeswari AP/EEE
Ms.E.Suganya AP/EEE
Mr.S.Sakthivel AP/EEE

Route Map



One Day Workshop

On

"RECENT TRENDS IN ELECTRICAL ENGINEERING"

15th February, 2019



Jointly Organized by

Department of Electrical & Electronics Engineering

and

IEEE Students Branch (IEEE STB 16621)



KINGS
COLLEGE OF ENGINEERING

NAAC Accredited Institution
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Punakulam, Thanjavur-613 303
Phone : 04362 282474, 282676.
Fax : 04362 282494
www.kingsindia.net

About Our Institution

Kings College of Engineering (KCE) was born out of a dream and vision to provide education with unparalleled quality to the young and enthusiastic students of our nation. The college is approved by the AICTE, New Delhi and affiliated to Anna University, Chennai. The drive from our management and dedication of the faculty has seen KCE to rise to the status as one of the most prestigious institutions in this part of the country.

KCE, run by Raj Educational Trust (RET), Chennai, is a fast growing technical institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely, EEE, ECE, CSE, Mechanical and Civil Engineering and four PG programmes namely, VLSI Design, Thermal Engineering, Power Electronics & Drives and Computer Science & Engineering. We strive and endeavor every passing day to build our students as technocrats.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from New Bus Stand on Thanjavur - Pudukkottai National Highway.

Genesis

The Electrical & Electronics Engineering Department is established in the year 2001. The department of EEE offers 4 year B.E degree course and 2 year M.E in Power Electronics and Drives (EEE). We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. All the laboratories are well established with the state-of-art equipment and latest licensed software for simulation studies that will help our students to achieve their goals. Our department has an approved research center for pursuing research (Ph.D) under Anna University, Chennai.

Communication Address

The Head of the Department
Department of EEE,
Kings College of Engineering,
Punakulam,
Thanjavur - 613 303.
Phone : 04362 282474, 282676

Mrs.N.Rajeswari, Ms.E.Suganya, Mr.S.Sakthivel
Co-ordinators of Workshop.

Mobile:

Mr.S.Sakthivel-9789690496
Mrs.E.Suganya-9080194103

E-mail : workshopeekce@gmail.com

One Day Workshop

On

"RECENT TRENDS IN ELECTRICAL ENGINEERING"

Registration Form

(Fill up in Capital Letters)

Name : _____

☐ UG ☐ Diploma

Department : _____

Institution : _____

Communication
Address : _____

Phone/Mobile No. : _____

Email ID : _____

Registration Fee : _____

Date : _____ Signature of the Applicant

Sponsoring Certificate

This is to certify that Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Recent Trends in Electrical Engineering" organized by the Department of EEE & IEEE STB 16621, Kings College of Engineering on 15th February, 2019.

Date : _____ Signature of sponsoring authority
(with seal)



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop
on
"Recent trends in Electrical Engineering"
on 15.2.19

AGENDA

09.00 A.M	-	Registration
09.45 A.M	-	Inauguration: Tamil Thaaai Vaazthu
09.50 A.M	-	Welcome Address Dr.A.Albert Martin Ruban, HOD/EEE
09.55 A.M	-	Presidential Address by Dr.S.Sivakumar, Vice-Principal & T&P/Head, KCE.
10.00 A.M	-	Session-I: Introduction about Electrical Engineering. Resource Person- Dr.S.Sivakumar, Vice-Principal & T&P/Head, KCE
11.00 A.M	-	Tea Break
11.30 A.M	-	Session II: Design of Renewable Energy Systems Soft computing tools. Resource Person-Mrs.A.Prabha AP/EEE
01.00 P.M	-	Lunch
01.45 P.M	-	Session III: Winding techniques Resource Person-Mr.C.John selvaraj AP/EEE
02.30 P.M	-	Session IV: Industrial and domestic wiring Resource Person- Dr.S.Sivakumar, Vice-Principal & T&P/Head, KCE
03.00 P.M	-	Session V: Advanced techniques in Power Electronics-Demo-Lab Resource Person-Mr.J.Arokiaaraj AP/EEE
03.30 P.M	-	Valedictory Function
04.00 P.M	-	Vote of Thanks Mrs.N.Rajeswari AP/EEE
04.10 P.M	-	National Anthem



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Anna University, Chennai)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*One Day workshop on
"Intelligent Devices Applications in Electrical Engineering" on
31.08.2018*

REPORT

The department of Electrical and Electronics Engineering and IEEE Student branch (IEEE STB 16621) has jointly organized a one day workshop on *"Intelligent devices applications in Electrical Engineering"* on 31.8.2018. The objective of this workshop is to build technical environment among our students and make them to know about fundamental knowledge with practical applications of Embedded Controllers and Proteus software tools.

Resource persons:

- Prof.M.Vijayakumar, Associate Professor/EEE/E.G.S Pillay Engineering College, Nagapattinam.

Convener:

Dr.A.Albert Martin Ruban, Associate Professor & Head / EEE

Coordinators:

1. Mr.R.Sundaramoorthi, Assistant Professor / EEE
2. Mr.M.Mayapandi, Assistant Professor / EEE

Inaugural Session:

Inagural session was started by 10.15 A.M preside over by Head of the department/EEE. All the dignitaries were invited and welcome by our Department of EEE students. The entire session arrangements were well planned and primed in AGENDA. The dignitaries on the Dais during the inaugural session were, Dr.A.Albert Martin Ruban, Head / EEE, Resource persons Prof.M.Vijayakumar, and the Program Coordinators Mr.R.Sundaramoorthi and Mr.M.Mayapandi. The program was started by Thamizh Thaa Vaazthu followed by Welcome address delivered by Dr.A.Albert Martin Ruban, Head / EEE AP/EEE.

Participants :

External :69

Internal :20

Total : 89

Session 1- Overview of Embedded Controllers by Prof.M.Vijayakumar, Associate Professor/EEE/E.G.S Pillay Engineering College, Nagapattinam

The Introduction about the resource person was given by Mr.R.Sundaramoorthi, AP/EEE. The resource person started the session about the fundamental ideas of embedded controllers and Programming ideas etc. He has interacted with the participants towards technological development in the industry and Job requirements in EEE. Before to start the session the resource person has overviewed the presentation contents and mentioned some intelligent software tools required for Electrical department and Industry. He started with the session by Proteus software tools and demonstrated directly by PC for different applications. He explained about the fundamental elements required for the embedded controllers such as Processor and Programming tools. Further he delivered the ideas basic programming languages required for the Embedded Controllers. During this session, the participants were actively interacted with the resource person and he also explained basic structure of Embedded Controllers, Programming ideas, tools needed for Internet of Things. He also rendered the real time applications about the underlying technologies of embedded systems and IOT Products.

Session 2: Demonstration- ATMEGA 328 Controller and Interface modules.

The resource person started the session with the basics of embedded blocks and Programming aspects with simple examples. He also demonstrated simple projects working with ATMEGA 328 Controllers followed by structure of IoT, applications of IoT, current status and future prospect of IoT. He also delivered about Wireless sensor networks (WSN). The session was very informative and the participants were interacted frequently with the resource person.

Session 3: Demonstration of Software tools and Embedded Controllers:

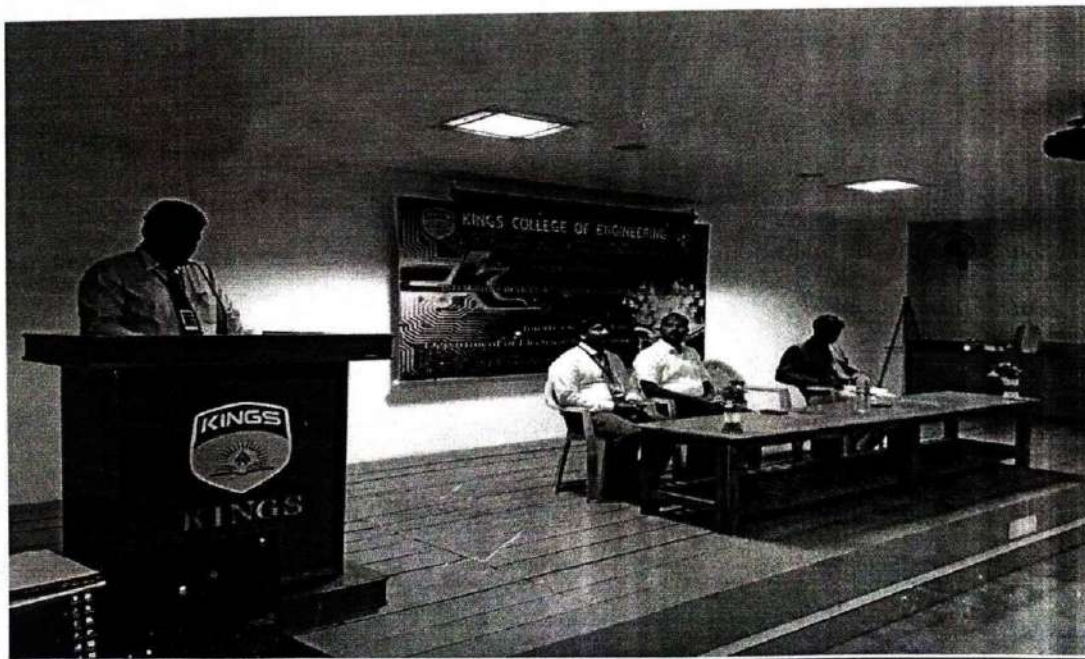
After a short break, the session resumed with the discussion on the Scope of Embedded controllers required for Industry and students projects. He has demonstrated some basic projects and Industrial projects using Embedded Controllers. During this session, resource person has elaborated the components required for different applications in various projects using Embedded Kit and IoT Products. All the Participants were actively participated. This session was very interactive.

Valedictory Function:

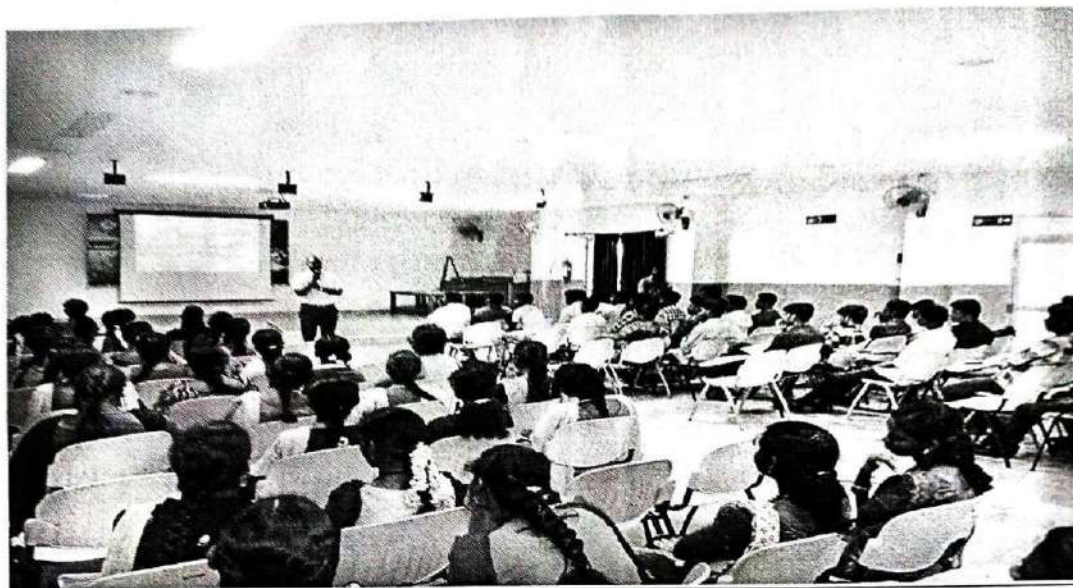
The feedbacks from the participants regarding the workshop were collected. Then, Mr.M.Mayapandi,AP/EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with National anthem.

Workshop Event Photographs:

Dr.A.Albert Martin Ruban AP/EEE delivering the welcome address



Delivering the technical talk by our Resource Person



Distributing the certificates to the External Participants by HOD/EEE



Prepared by

P. S. Lakshmi
4/9/18
M. S. Lakshmi 4/9/18
Coordinators

J. S. Lakshmi
4/9/18
Principal

Verified by

A. Lakshmi
4/9/18
Head of the Department



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

CIRCULAR

Date: 10.8.18

This is to inform that our department is going to organize the one day workshop on "*Intelligent Devices Applications in Electrical Engineering*" on 31.8.2018. The in-charges for various activities of workshop has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the workshop.

M. M. Subramanian
Coordinator

A. Arumugam
Head of the Department

Encl : 1. Staff name list
2. Workshop activities in-charges list



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop on
"Intelligent Devices Applications in Electrical Engineering" on 31.8.18

IN-CHARGES FOR WORKSHOP ACTIVITIES

Co-ordinator: Mr.R.Sundaramoorthi & Mr.M.Mayapandi

S.NO	ACTIVITIES	IN-CHARGES	SIGNATURE
1	Design and Printing of Brochure, Covering letter & Postages	Mr.R.Sundaramoorthi Mr.M.Mayapandi	<i>[Signature]</i> 21/8/18
2	Design & Certificates	Mr.C.Balaji	<i>[Signature]</i>
3	Postages	Mr.R.Alex	<i>[Signature]</i>
4	Purchase	Mr.J.Arokiaraj Mr.Ragubalan	<i>[Signature]</i>
5	Agenda	Mrs.N.Rajeswari	<i>[Signature]</i>
6	Hall arrangements	Mr. P.Sakthivel Mr.R.Alex	<i>[Signature]</i>
7	Guest Arrangement	Mr.R.Sundaramoorthi Mr.M.Mayapandi	<i>[Signature]</i> 21/8/18
8	Registration	Mrs.N.Arulmozhi Ms.E.Suganya	<i>[Signature]</i> 21/8/18
9	Certificate (Writing & Distribution)	Mrs. A. Prabha	<i>[Signature]</i> 21/8/18
10	Reception	Mrs.N.Rajeswari	<i>[Signature]</i>
11	Feedback Collection	Ms.E.Suganya	<i>[Signature]</i>
12	Lunch and Refreshment	Mr.S.R.Karthikeyan Mr. P.Sakthivel Mr.Ragubalan	<i>[Signature]</i>
13	Transport	Mr.C.Balaji	<i>[Signature]</i>
14	Compeering	Mrs.A.Prabha	<i>[Signature]</i> 21/8/18
15	Xerox / Bills and Vouchers Entries	Mr.R.Alex Mr.Ragubalan	<i>[Signature]</i>

[Signature]
Coordinator

[Signature]
Head of the Department 21/8/18



Dr.A.Albert Martin Ruban, M.E., PhD.,
Head of the Department/ EEE

Date: 20.8.18

To

Mr.M.Vijayakumar Associate Professor/EEE

E.G.S Pillay Engineering College(Autonomous)

Nagapattinam

Dear Sir,

Kings College of Engineering (KCE) was born out of a dream and vision to provide education with unparalleled quality to the young and enthusiastic students of our nation. The College is approved by the AICTE, New Delhi and affiliated to Anna University, Chennai and accredited by NAAC. We are delighted to inform you that our EEE department has planned to organize one day workshop on *"Intelligent devices applications in Electrical Engineering"* is scheduled on August 31, 2018. The workshop is committed to become the preferred and common hub for the Engineering students of EEE, ECE and ICE. In this regard, we wish to utilize your exposure in your technical field to act as Invited talk cum guest of honor to inaugurate the workshop. We hope you will be able to accept this invitation to help us assure the continued success of the program. We look forward to hearing from you.


20/8/18

Regards,

Dr.A.Albert Martin Ruban,
Head of the Department
A. ALBERT MARTIN RUBAN
Head of the Department
Department of Electrical And Electronics Engin
Kings College of Engineering,
Punalkulam-613 303,
Pudukkottai (Dt.)

To your kind notice: We expect your willingness for the same in hodeee@kingsindia.net



Punalkulam, Gandarvakottai Taluk, Pudukkottai District – 613 303.
Ph: 04362-282474, 282395, 282396, Fax : 04362-282494

Participation

Faculties, Research Scholars, PG and UG Students from AICTE recognized institutions.

Seminar Contents

- ✓ Embedded Systems - Introduction.
- ✓ System design and Processor selection.
- ✓ Programming Aspects.
- ✓ ATMEGA 328 Controller and other Interface modules.
- ✓ Embedded systems applications in Electrical Engineering.
- ✓ Real time Demonstration
- ✓ Embedded Controllers on IoT

Resource Person:

Mr.M.Vijayakumar Associate Professor/EEE
E.G.S Pillay Engineering College(Autonomous)
Nagapattinam

Registration Fee per Participant : Rs.250/-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to eeedpt@kingsindia.net

Important Dates

Last date for Submitting
Registration form : 27.8.18

Intimation of Acceptance
(through e-mail only) : 29.8.18

Organizing Committee

Chief Patrons

Dr.R.Rajendran
Secretary

Mr.T.R.S.Muthu Kumaar
Chief Executive Officer

Patron

Dr.J.Arputha Vijaya Selvi
Principal

Co-Patron

Dr.S.Sivakumar
Vice-Principal

Convenor

Dr.A.Albert Martin Ruban,
HoD / EEE

Co-ordinators

Mr.R.Sundaramoorthi AP/EEE
Mobile Number : 9965156904

Mr.M.Mayapandi AP/EEE
Mobile Number : 9789461102

One Day Workshop

On

"Intelligent devices applications in
Electrical Engineering "

31st August, 2018



Jointly Organized by

Department of
Electrical & Electronics Engineering
and
IEEE Student Branch (IEEE STB 16621)



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COLLEGE OF ENGINEERING



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An ISO 9001 Certified Institution
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Phone : 04362 282474, 282676.
Fax : 04362 282494
www.kingsindia.net

About Our Institution

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KCE, run by Raj Educational Trust (RET), Chennai is a fast growing Technical Institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely EEE, ECE, CSE, Mechanical and Civil Engineering and five PG programmes namely VLSI Design, Mobile and Pervasive Computing, Thermal Engineering, Power Electronics & Drives, and Computer Science & Engineering. We strive and endeavor every passing day to build our students as technocrats.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from New Bus Stand on Thanjavur - Pudukkottai National Highway.

Genesis

The Electrical and Electronics Engineering Department is established in the year 2001. The Department of EEE offers 4 years B.E in Electrical and Electronics Engineering and 2 years M.E in Power Electronics and Drives. We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. All the laboratories are well established with the state-of-art equipment and latest licensed software for simulation studies that will help our students to achieve their goals. Our department is an approved research centre for pursuing research (Ph.D) under Anna University, Chennai.

Accommodation

Participants are requested to make their own arrangements. However, suggestions to suitable accommodation could be made on request.

Communication Address

Mr.R.Sundaramoorthi & Mr.M.Mayapandi,
Co-ordinators of Workshop,
Department of EEE,
Kings College of Engineering,
Punalkulam, Thanjavur - 613 303
Phone : 04362 282474, 282676

Mobile: Mr.R.Sundaramoorthi 9965156904
Mr.M.Mayapandi-7010538818

E-mail : eeedpt@kingsindia.net

Website : www.kingsindia.net

One Day Workshop

On

"Intelligent devices applications in
Electrical Engineering"

31st August, 2018

Registration Form

(Fill up in Capital Letters)

Name :

☐ Faculty ☐ Research Scholar ☐ PG ☐ UG

Department :

Institution :

Communication

Address :

Phone/Mobile No. :

Email ID :

Registration Fee : Rs.250/-

Date : Signature of the Applicant

Sponsoring Certificate

This is to certify that Dr./Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Intelligent devices applications in Electrical Engineering" jointly organized by department of EEE and IEEE student branch (IEEE STB 16621). Kings College of Engineering on 31st August, 2018.

Date :

Signature of sponsoring authority
(with seal)



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CERT
ISO 9001

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*One Day Workshop
on
"Intelligent devices applications in Electrical Engineering"
on 31.8.18*

AGENDA

09.00 A.M	-	Registration
09.45 A.M	-	Inauguration: Tamil Thaaai Vaazthu
09.50 A.M	-	Welcome Address Dr.A.Albert Martin Ruban,HOD/EEE
09.55 A.M	-	Presidential Address by Dr.S.Sivakumar, Vice-Principal / KCE.
10.00 A.M	-	Resource Person- Introduction Mr.R.Sundaramoorthi AP/EEE
10.05 A.M	-	Honoring the Resource Person Dr.S.Sivakumar, Vice-Principal / KCE.
10.15 A.M	-	Session I Prof.M.Vijayakumar Associate Professor/EEE E.G.S Pillay Engineering College (Autonomous) Nagapattinam
11.30 A.M	-	Tea Break
11.45 A.M	-	Session II Continues
01.10 P.M	-	Lunch
02.15 P.M	-	Session III (Demonstration)
03.15 P.M	-	Tea Break
03.30 P.M	-	Valedictory Function
04.00 P.M	-	Vote of Thanks Mr.M.Mayapandi AP/EEE
04.10 P.M	-	National Anthem



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2018-2019 / ODD SEMESTER

*One Day Workshop on
"Intelligent Devices Applications in Electrical Engineering" on 31.8.18*

STATEMENT OF EXPENSE

Date: 4.9.18

S.NO	PARTICULARS	AMOUNT (Rs.)
1	Registration Kit (File, Pen & Scribbling Pad) - 100 Nos. (100X23)	2300
2	Flex - 1 No. & Certificate - 100 Nos	1600
3	Refreshment-100 Nos	3450
4	Lunch-86 Nos	4300
5	Shawl and other expenses	850
6	Remuneration	2500
Total		Rs.15,000

Total amount collected from registration : 19500

Amount received from Department fund in advance : 5,000

Total Amount spent: : ~~15000~~

Amount returned to the Department : 4500

M. M. M. M. M.
M. M. M. M. M.
Coordinators

A. A. A. A. A.
Head of the Department

J. J. J. J. J.
Principal



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day workshop on "Embedded Controllers in Internet of Things" on 15.02.2018

REPORT

The department of Electrical and Electronics Engineering and IEEE Student branch (IEEE STB 16621) has jointly organized a one day workshop on *"Embedded Controllers in Internet of Things"* on 15.2.2018. The objective of this workshop is to build technical environment among our students and make them to know about fundamental knowledge with practical applications of Internet of Things and Embedded Controllers

Resource persons:

- Prof.S.Karthik, Assistant Professor / ECE/SSM Institute of Engineering and Technology,Dindigul.
- Mrs.M.Meenalochani, Assistant Professor / ECE, ARJ College of Engineering and Technology, Mannargudi.

Convener:

Prof.A.Albert Martin Ruban, Associate Professor & Head / EEE

Coordinators:

1. Mr.R.Sundaramoorthi, Assistant Professor / EEE
2. Mrs.N.Rajeswari, Assistant Professor / EEE

Inaugural Session:

The dignitaries on the Dais during the inaugural session were Dr.S.Sivakumar, Vice-Principal, KCE, Prof.A.Albert Martin Ruban, Head / EEE, Resource persons Prof.S.Karthik & Mrs.M.Meenalochani, and the Program Coordinators Mr.R.Sundaramoorthi and Mrs.N.Rajeswari. The program was started by Thamizh Thaaai Vaazthu followed by Welcome address delivered by Mrs.N.HemavathiAP/EEE. The Presidential address was delivered by our Vice-Principal Dr.S.Sivakumar..

Participants :

External :71

Internal : 08

Total : 79

Session 1- Overview of Internet of Things and Embedded Controllers by Prof.S.Karthik,AP/ECE, SSM Institute of Engineering and Technology, Dindigul.

The introduction about the resource person was given by Mr.R.Sundaramoorthi, AP/EEE. The resource person started the session about the fundamental ideas of Internet of Things, Embedded controllers and Programming ideas etc. He has interacted with the participants towards Digital technological development in the industry and media. He explained about the fundamental elements required for the Internet of Things such as Sensors, Processor and loads. Further he delivered the ideas basic programming languages required for the Controllers. During this session, the participants were actively interacted with the resource person and he also explained basic structure of Embedded Controllers, Programming ideas, tools needed for Internet of Things. He also rendered the real time applications about the underlying technologies of embedded systems and IOT Products.

Session 2: Internet of Things (IoT) - Introduction & applications by Mrs.M.Meenalochani, AP / ECE, ARJ College of Engineering and Technology.

The resource person started the session with the basics of IoT, with simple example followed by structure of IoT, applications of IoT, current status and future prospect of IoT. She also delivered about Wireless sensor networks (WSN), the future of WSN in smart home / smart office and applications of WSN. The session was very informative and the participants were interacted frequently with the resource person.

Session 3: Demonstration of IoT Products by Prof.S.Karthik, AP/ECE

After a short break, the session resumed with the discussion on the Scope of Internet of Things and Role of Embedded Controllers. During this session, resource person has demonstrated the Embedded Kit and IoT Products. All the Participants were actively participated. This session was very interactive.

Valedictory Function:

The feedbacks from the participants regarding the workshop were collected. Then, Mrs.A.Prabha, AP/EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with National anthem.

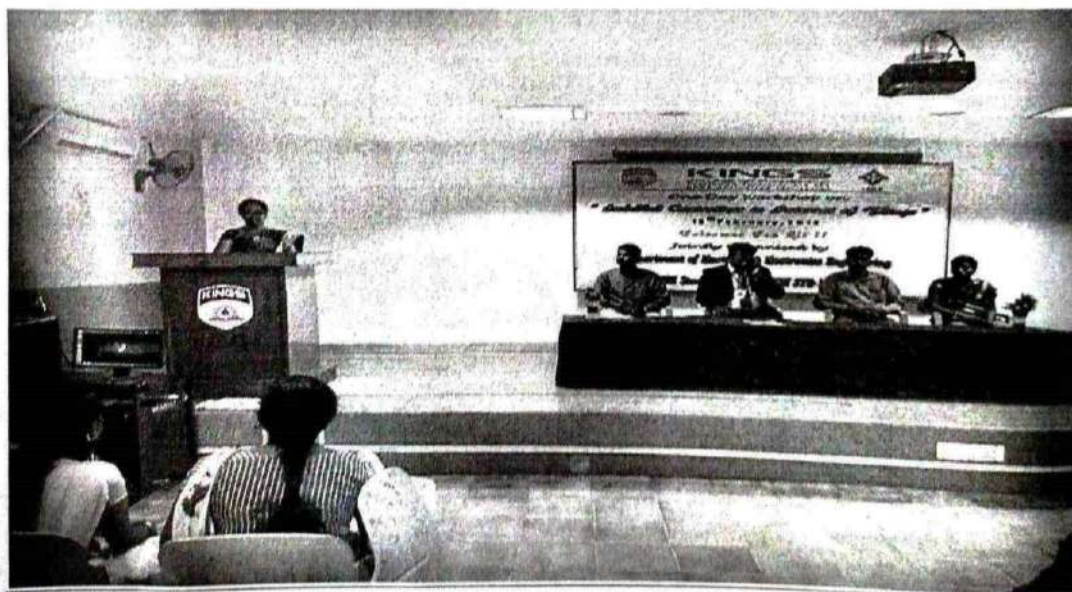
Workshop Event Photographs:

Dignitaries on the dais during Inagural session of Workshop





Vote of Thanks by Mrs A.Prabha AP/EEE



Prepared by
[Signature] 22/2/18
 Coordinators

[Signature]
 22/2/18
 Principal

Verified by
[Signature] 22/2/18
 Head of the Department

From

R. Sundaramoorthi AP/EEE

N. Rajeswari AP/EEE

Department of EEE

Kings College of Engineering

Punalakulam.

To

The principal

Kings College of Engineering

Punalakulam

Through: Head of the Department, EEE

Respected Madam,

Sub: Requisition for permission to conduct Mcc & Dept workshop. Reg.

We are glad to inform you that, Department of EEE have planned to conduct two workshop on "Modelling of power Converters using proteus and Matlab Software (for Hycrreditcourse) on February 2nd 2018 and Internet of Things (IoT) on Embedded controllers on February 15th 2018. This workshops aims to build technical environment among our students and make them to know about practical applications. Hence we kindly request you to give permission to conduct the both workshops.

Thanking you.

Yours faithfully,

R. Sundaramoorthi

AP/EEE

Submitted to the Principal

A. Ahmm

25/01/18

Submitted to Secretary

J. Prasad

25/01/18

Proper procedure and discipline to be maintained

25/01/18



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2017-2018 / EVEN SEMESTER

CIRCULAR

Date: 8.2.18


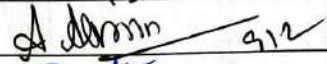

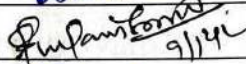


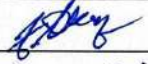
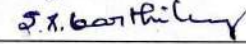
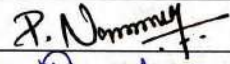
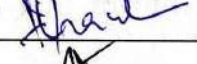




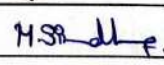
This is to inform that our department is going to organize the one day workshop on "Embedded Controllers in Internet of Things" on 15.2.2018. The in-charges for various activities of workshop has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the workshop.


18/2/18
Coordinator


9/2/18
Head of the Department

- Encl : 1. Staff name list
2. Workshop activities in-charges list

LIST OF STAFF MEMBERS

S.NO	NAME OF THE STAFF	SIGNATURE
TEACHING STAFF		
1	Dr.S.Sivakumar	
2	Prof.A.Albert Martin Ruban	
3	Mrs.N.Hemavathi	
4	Mr.R.Sundaramoorthi	
5	Mrs.N.Rajeswari	
6	Mr.C.Balaji	
7	Mr.J.Arokiaraj	
8	Mr.S.R.Karthikeyan	
9	Mr.P.Narasimman	
10	Mrs.A.Prabha	
11	Mr.M.Mayapandi	
12	Mr.V.Moorthy	
NON-TEACHING STAFF		
1	Mr.R.Alex	
2	Mr.K.Ragubalan	
3	Ms. M. Sindhu	



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COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



TÜVRheinland
CERT
ISO 9001

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop on

"Embedded Controllers in Internet of Things" on 15.02.2018

IN-CHARGES FOR WORKSHOP ACTIVITIES

Co-ordinator : Mr.R.Sundaramoorthi & Mrs.N.Rajeswari

S.NO	ACTIVITIES	IN-CHARGES	SIGNATURE
1	Design and Printing of Brochure, Covering letter & Postages	Mr.R.Sundaramoorthi Mrs.N.Rajeswari	
2	Design & Certificates	Mr.V.Moorthy	
3	Postages	Mr.R.Alex	
4	Purchase	Mr.J.Arokiaaraj Mr.R.Alex	
5	Agenda	Mrs.N.Rajeswari	
6	Hall arrangements	Mr.M.Mayapandi Mr.R.Alex Mr.Ragubalan	
7	Guest Arrangement	Mr.R.Sundaramoorthi Mr.M.Mayapandi	
8	Registration	Mrs.N.Hemavathi	
9	Certificate (Writing & Distribution)	Mrs.A.Prabha	
10	Reception	Mrs.N.Hemavathi	
11	Feedback Collection	Mr.V.Moorthy	
12	Lunch and Refreshment	Mr.S.R.Karthikeyan Mr.P.Narasimman Mr.R.Alex Mr.Ragubalan	
13	Transport	Mr.S.R.Karthikeyan	
14	Compeering	Mrs.A.Prabha	
15	Xerox / Bills and Vouchers Entries	Mr.R.Alex Mr.Ragubalan	

Coordinator

Head of the Department



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TOURNAMENT
CERT
ISO 9001

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop
on
"Embedded Controllers in Internet of Things"
on 15.2.18

AGENDA

09.00 A.M	-	Registration
09.45 A.M	-	Inauguration: Tamil Thaa Vaazthu
09.50 A.M	-	Welcome Address Prof.A.Albert Martin Ruban,HOD/EEE
09.55 A.M	-	Presidential Address by Dr.J.ArputhaVijaya Selvi, Principal, KCE. Dr.S.Sivakumar, Vice-Principal & Head/EEE, KCE.
10.00 A.M	-	Resource Person- Introduction Mr.R.Sundaramoorthi AP/EEE
10.05 A.M	-	Honoring the Resource Person Dr.J.ArputhaVijaya Selvi, Principal, KCE
10.15 A.M	-	Session I Prof.S.Karthik AP/ECE SSM Institute of Engineering & Technology. Dindigul
11.15 A.M	-	Tea Break
11.45 A.M	-	Session II Continues 1. Prof.S.Karthik AP/ECE 2. Prof.M.Meenalochani AP/ECE
01.15 P.M	-	Lunch
02.15 P.M	-	Session II
03.15 P.M	-	Tea Break
03.30 P.M	-	Valedictory Function
04.00 P.M	-	Vote of Thanks Mrs.N.Rajeswari AP/EEE
04.10 P.M	-	National Anthem



One Day Workshop

on

"Embedded Controllers in Internet of Things (IoT)"

15th February, 2018

*Jointly Organized by Department of Electrical and Electronics Engineering
&
IEEE Student Branch (IEEE STB 16621)*

30th January, 2018

Organizing Committee

To

Chief Patrons

The Principal / Head of the Department - EEE

Dr.R.Rajendran
Secretary

Sir / Madam,

Mr.T.R.S.Muthu Kumar
Chief Executive Officer

Sub: Circulation of Information brochure of One day workshop on "Embedded Controllers in Internet of Things" - regarding.

Patron

Dr.J.Arputha Vijaya Selvi
Principal

I am glad to inform you that the Department of Electrical and Electronics Engineering is organizing a One day workshop on "Embedded Controllers in Internet of Things" on 15th February, 2018.

Co-Patron

Dr.S.Sivakumar
Vice Principal

The main objective of this workshop is to impart fundamental knowledge of Internet of Things and its domain and Embedded Controllers. The workshop will be given by experts from Industrial trainer.

Convenor

Prof.A.Albert Martin Ruban
HoD/EEE

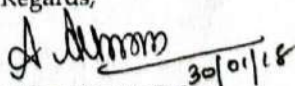
On behalf of organizing committee of workshop, I request you to circulate the enclosed brochure among the faculty members, research scholars and students of EEE, ECE & ICE in your esteemed institution and encourage them to participate in this one day workshop.

Coordinators

Mr.R.Sundaramoorthi
Assistant Professor

With Regards,

Mrs.N.Rajeswari
Assistant Professor


Prof.A.Albert Martin Ruban
HoD/EEE



Participation

Faculties, Research Scholars, PG and UG Students from AICTE recognized institutions.

Seminar Contents

- ✓ Internet of Things (IoT) - Introduction.
- ✓ Concepts of Embedded Controllers.
- ✓ Applications of IoT.
- ✓ Difference between cloud and local server
- ✓ Digital sensor
- ✓ Data visualization
- ✓ Embedded Controllers on IoT

Resource Persons

Mr.Syed Abuthahir

Mr.Karhikeyan

Pzymo Solutions

Registration Fee per Participant : Rs.250/-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to seedept@kingsindia.net

Important Dates

Last date for Submitting
Registration form : 10.2.18

Intimation of Acceptance
(through e-mail only) : 13.2.18

Organizing Committee

Chief Patrons

Dr.R.Rajendran
Secretary

Mr.T.R.S.Muthu Kumaar
Chief Executive Officer

Patron

Dr.J.Arputha Vijaya Selvi
Principal

Co-Patron

Dr.S.Sivakumar
Vice-Principal

Convenor

Prof.A.Albert Martin Ruban,
HoD / EEE

Co-ordinators

Mr.R.Sundaramoorthi AP/EEE
Mobile Number : 9965156904

Mrs.N.Rajeswari AP/EEE
Mobile Number : 9486239336

One Day Workshop

On

"Embedded Controllers in Internet
of Things "

15th February, 2018



Jointly Organized by

Department of
Electrical & Electronics Engineering
and
IEEE Student Branch (IEEE STB 16621)



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Phone : 04362 282474, 282676.
Fax : 04362 282494
www.kingsindia.net

About Our Institution

Kings College of Engineering (KCE) was born out of a dream and vision to provide education with unparalleled quality to the young and enthusiastic students of our nation. The College is approved by the AICTE, New Delhi and affiliated to Anna University, Chennai and accredited by NAAC. The drive from our management and dedication of the faculty has seen KCE to rise to the status on one of the most prestigious institutions in this part of the country.

KCE, run by Raj Educational Trust (RET), Chennai is a fast growing Technical Institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely EEE, ECE, CSE, Mechanical and Civil Engineering and five PG programmes namely VLSI Design, Mobile and Pervasive Computing, Thermal Engineering, Power Electronics & Drives, and Computer Science & Engineering. We strive and endeavor every passing day to build our students as technocrats.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from New Bus Stand on Thanjavur - Pudukkottai National Highway.

Genesis

The Electrical and Electronics Engineering Department is established in the year 2001. The Department of EEE offers 4 years B.E in Electrical and Electronics Engineering and 2 years M.E in Power Electronics and Drives. We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. All the laboratories are well established with the state-of-art equipment and latest licensed software for simulation studies that will help our students to achieve their goals. Our department is an approved research centre for pursuing research (Ph.D) under Anna University, Chennai.

Accommodation

Participants are requested to make their own arrangements. However, suggestions to suitable accommodation could be made on request.

Communication Address

Mr.R.Sundaramoorthi & Mrs.N.Rajeswari,
Co-ordinators of Workshop,
Department of EEE,
Kings College of Engineering,
Punalkulam, Thanjavur - 613 303
Phone : 04362 282474, 282676

Mobile: Mr.R.Sundaramoorthi 9965156904
Mrs.N.Rajeswari-9486239336

E-mail : seedept@kingsindia.net

Website : www.kingsindia.net

One Day Workshop

On

"Embedded Controllers in Internet
of Things"

15th February, 2018

Registration Form

(Fill up in Capital Letters)

Name : _____

☐ Faculty ☐ Research Scholar ☐ PG ☐ UG

Department : _____

Institution : _____

Communication

Address : _____

Phone/Mobile No. : _____

Email ID : _____

Registration Fee : Rs.250/-

Date : _____ Signature of the Applicant

Sponsoring Certificate

This is to certify that Dr./Mr./Ms. _____
of _____ department
is being sponsored for attending the one day
workshop on "Embedded Controllers in
Internet of Things" jointly organized by
department of EEE and IEEE student branch
(IEEE STB 16621), Kings College of Engineering
on 15th February, 2018.

Date : _____
Signature of sponsoring authority
(with seal)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2017-2018 / EVEN SEMESTER

One Day Workshop on
"Embedded Controllers in Internet of Things" on 15.2.18

STATEMENT OF EXPENSE

Date : 22.2.18

S.NO	PARTICULARS	AMOUNT (Rs.)
1	Registration Kit (File, Pen & Scribbling Pad) - 110 Nos.	2750
2	Flex - 1 No.& Certificate - 110 Nos	1435
3	Refreshment	1700
4	Lunch	10750
5	Memento and other expenses	580
6	Remuneration	3000
Total		Rs.20,215

Total amount collected from registration : 18,950

Amount received from Department fund in advance : 7,000

Total Amount spent: : 20,215

Amount returned to the Department : 5,735

P. S. Kumar
22/2/18
 Coordinators

A. S. Kumar
22/2/18
 Head of the Department

J. S. Kumar
22/2/18
 Principal



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Seminar on "Smart Grid – Future Electric Grid" on 27.09.2017

REPORT

The department of Electrical and Electronics Engineering and IEEE Student branch (IEEE STB 16621) has jointly organized a one day seminar on "*Smart Grid – Future Electric Grid*" on 27.09.2017. The objective of this seminar is to impart fundamental knowledge of Smart Grid and its infrastructure, Difference between conventional Grid & Smart Grid, and the applications of Internet of Things (IoT) in Smart Grid.

Resource persons:

1. Mrs.M.Meenalochani, Assistant Professor / ECE, ARJ College of Engineering and Technology, Mannargudi.
2. Mrs.N.Hemavathi, Assistant Professor / EEE, Kings College of Engineering, Punalkulam.

Convenor:

Prof.A.Albert Martin Ruban, Associate Professor & Head / EEE

Coordinators:

1. Mr.C.Balaji, Assistant Professor / EEE
2. Mrs.A.Prabha, Assistant Professor / EEE

Inaugural Session:

The dignitaries on the Dais during the inaugural session were Dr.J.Arputha Vijaya Selvi, Principal, KCE, Prof.A.Albert Martin Ruban, Head / EEE, Resource persons Mrs.M.Meenalochani, & Mrs.N.Hemavathi and the Program Coordinators Mr.C.Balaji and Mrs.A.Prabha. The program was started by Thamizh Thaai Vaazthu followed by Welcome address delivered by department head, Prof.A.Albert Martin Ruban. The Presidential address was delivered by our Principal Dr.J.Arputha Vijaya Selvi.

Participants :

External : 61

Internal : 34

Total : 95

Session 1- Overview of Smart Grid, Difference between Conventional Grid and Smart Grid and Infrastructure for Smart Grid by Mrs.N.Hemavathi, AP/EEE, KCE :

The introduction about the resource person of this session was given by Mr.C.Balaji, AP/EEE. The resource person started the session about the overview of smart grid followed by the structure for smart grid, five key technologies in smart grid, differences between conventional and smart grid. During this session, the participants were actively interacted with the resource person and she also delivered about the underlying technologies of smart grid, need for demand side management – control of the load of specific appliances. She also discussed about the smart grid infrastructure, smart meters, Intelligent Electronic Devices (IED), Wide Area Network (WAN), Home Area Network (HAN), Power Line Carrier (PLC), and Cloud service models for smart grid.

Session 2: Internet of Things (IoT) - Introduction & applications in Smart Grid by Mrs.M.Meenalochani, AP / ECE, ARJ College of Engineering and Technology.

The introduction about the resource person of this session was given by Mrs.A.Prabha, AP/EEE. The resource person started the session with the basics of IoT, with simple example followed by structure of IoT, applications of IoT, current status and future prospect of IoT. She also discussed about the efficient waste management in smart cities and intelligent systems for a more connected world. She also delivered about Wireless sensor networks (WSN), the future of WSN in smart home / smart office and applications of WSN. The session was very informative and the participants were interacted frequently with the resource person.

Session 3: Discussion and Doubt clearing

After a short break, the session resumed with the discussion on the economic factors, future trends and projects regarding the smart grid. This session was very interactive.

Valedictory Function:

The feedbacks from the participants regarding the workshop were collected. Then, Mrs.A.Prabha, AP/EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with National anthem.

Dignitaries on the dais



Welcome Address by Prof.A.Albert Martin Ruban, Head / EEE



Presidential Address by Dr.J.Arputha Vijaya Selvi, Principal, KCE



Participants



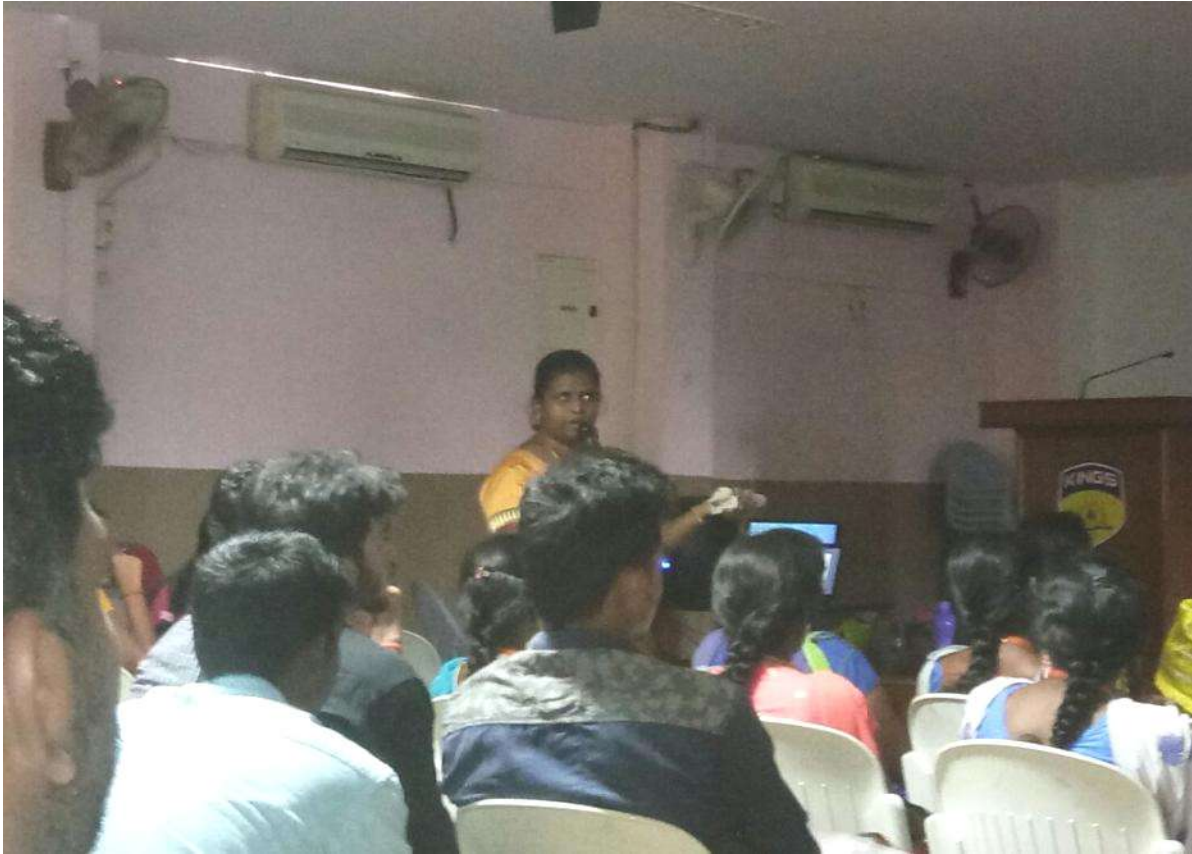
Introduction about Resource Person by Mr.C.Balaji, AP / EEE



Lecture delivered by Mrs.N.Hemavathi, AP/EEE, KCE



Lecture delivered by Mrs.M.Meenalochani, AP/ECE, ARJCET



Discussion / Feedback Session



Distribution of certificates





Vote of Thanks by Mrs.A.Prabha, AP / EEE



Prepared by

C. S. S. S.
Coordinators

Verified by

A. S. S.
Head of the Department 6/10/17

J. M. S.
Principal 6/10/17



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

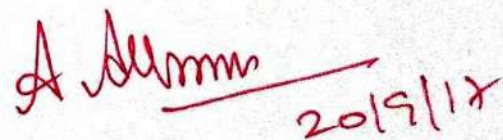
ACADEMIC YEAR 2017-2018 / ODD SEMESTER

CIRCULAR

Date: 20.09.2017

This is to inform that our department is going to organize a one day seminar on "*Smart Grid – Future Electric Grid*" on 27.09.2017. The in-charges for various activities of seminar has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the seminar.


Coordinators


Head of the Department

Encl : Seminar activities in-charges list

Prof.A.Albert Martin Ruban M.E., (Ph.D).,
HEAD OF THE DEPARTMENT / EEE

Ref: KCE /EEE/ HoD/Seminar/17-18

01.09.2017

To
Dr.G.Giftson Samuel,
Principal,
Sir Issac Newton College of Engineering & Technology,
Pappakoil,
Nagapattinam - 611 102.

Dear Sir,

Greetings from Kings College of Engineering (KCE).

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai and accredited by NAAC. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET). The institution offers five U.G and five P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

The Department of Electrical and Electronics Engineering has planned to organize a seminar on "SMART GRID - FUTURE ELECTRIC GRID" on 27th September, 2017 (Wednesday). We have found your profound experience and research activities in Smart Grid, hence we kindly request you to accept our invitation to act as a resource person for this seminar on the above mentioned date. We strongly feel your professional experience and valuable ideas will be an inspiration to all our students and believe your presence will add more value to the seminar.

Thank You.

Regards,


Prof.A.Albert Martin Ruban
HoD / EEE Department of Electrical and Electronics Engineering,
Kings College of Engineering,
Punalkulam,
Pudukkottai - 613 303

Note: Kindly send your acknowledgment and brief CV to the email: albertrubankings@gmail.com

28/8/17

From

C. Balaji & A. Prabha,
Assistant Professors/EEE,
Kings College of Engineering,
Purattisulam.

To

The Principal,
Kings College of Engineering,
Purattisulam.

Respected Madam,

SUB: Requesting permission to organize one day Seminar
on 27/09/2017 - reg.

We kindly inform you that, the department of EEE is
planned to organize a one day Seminar on "SMART GRID-
FUTURE ELECTRIC GRID" on 27/9/2017. Hence, we kindly
request you to permit us to organize the same.

Thanking You.

Yours faithfully,
C. Balaji
28/8/17
Prabha

Submitted to the Principal

A. Prabha
28/8/17

J. Monu
28/8/17
266



KINGS

COLLEGE OF ENGINEERING



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

One Day Seminar

on

"Smart Grid - Future Electric Grid"

27th September, 2017

*Jointly Organized by Department of Electrical and Electronics Engineering
&
IEEE Student Branch (IEEE STB 16621)*

30th August, 2017

Organizing Committee

To

Chief Patrons

The Principal / Head of the Department - EEE

Dr.R.Rajendran
Secretary

Sir / Madam,

Mr.T.R.S.Muthu Kumaar
Chief Executive Officer

Sub: Circulation of Information brochure of One day Seminar on "Smart Grid - Future Electric Grid" - regarding.

Patron

Dr.J.Arputha Vijaya Selvi
Principal

I am glad to inform you that the Department of Electrical and Electronics Engineering is organizing a One day Seminar on "Smart Grid - Future Electric Grid" on 27th September, 2017.

Co-Patron

Dr.S.Sivakumar
Vice Principal

The main objective of this seminar is to impart fundamental knowledge of Smart Grid and its infrastructure, Difference between conventional Grid & Smart Grid, and the applications of Internet of Things (IoT) in Smart Grid. The seminar will be given by experts from reputed organization.

Convenor

Prof.A.Albert Martin Ruban
HoD/EEE

On behalf of organizing committee of seminar, I request you to circulate the enclosed brochure among the faculty members, research scholars and students of Department of Electrical and Electronics Engineering in your esteemed institution and encourage them to participate in this one day seminar.

Coordinators

Mr.C.Balaji
Assistant Professor

Thank You.

Mrs.A.Prabha
Assistant Professor

Regards,

Prof.A.Albert Martin Ruban
HoD/EEE

A. Albert Martin Ruban
30/8/17

Participation

Faculties, Research Scholars, PG and UG Students from AICTE recognized institutions.

Seminar Contents

- ✓ Overview of Smart Grid
- ✓ Difference between Conventional Grid and Smart Grid
- ✓ Infrastructure for Smart Grid
- ✓ Internet of Things (IoT) - Introduction & applications in Smart Grid

Resource Persons

Dr.G.Giftson Samuel,
Professor & Principal,

Department of EEE,
Sir Issac Newton College of Engineering & Technology, Pappakoil, Nagapattinam

Mrs.N.Hemavathi,
Assistant Professor,
Department of EEE,
Kings College of Engineering,
Thanjavur.

Registration Fee per Participant : Rs.250 /-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to eeedept@kingsindia.net

Important Dates

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Registration form : 20.09.2017

Intimation of Acceptance
(through e-mail only) : 22.09.2017

Organizing Committee

Chief Patrons

Dr.R.Rajendran
Secretary

Mr.T.R.S.Muthu Kumar
Chief Executive Officer

Patron

Dr.J.Arputha Vijaya Selvi
Principal

Co-Patron

Dr.S.Sivakumar
Vice-Principal

Convenor

Prof.A.Albert Martin Ruban,
HoD / EEE

Co-ordinators

Mr.C.Balaji
Mobile Number : 9688664222

Mrs.A.Prabha

Mobile Number : 9629180241

One Day Seminar

On

"Smart Grid - Future Electric Grid"

27th September, 2017



Jointly Organized by

Department of
Electrical & Electronics Engineering
and
IEEE Student Branch (IEEE STB 16621)



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Phone : 04362 282474, 282676.

Fax : 04362 282494

www.kingsindia.net

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Accommodation

Participants are requested to make their own arrangements. However, suggestions to suitable accommodation could be made on request.

Communication Address

Mr.C.Balaji, & Mrs.A.Prabha,
Co-ordinators of Seminar,
Department of EEE,
Kings College of Engineering,
Punalkulam, Thanjavur - 613 303
Phone : 04362 282474, 282676

Mobile: Mr.C.Balaji - 9688664222

Mrs.A.Prabha - 9629180241

E-mail : eeedept@kingsindia.net

Website : www.kingsindia.net

One Day Seminar On "Smart Grid - Future Electric Grid"

Registration Form
(Fill up in Capital Letters)

Name : _____

☐ Faculty ☐ Research Scholar ☐ PG ☐ UG

Department : _____

Institution : _____

Communication : _____

Address : _____

Phone/Mobile No. : _____

Email ID : _____

Registration Fee : Rs.250/-

Date : _____ Signature of the Applicant

Sponsoring Certificate

This is to certify that Dr./Mr./Ms. _____

of _____ department

is being sponsored for attending the one day seminar on "Smart Grid - Future Electric Grid" jointly organized by department of EEE and IIEEE student branch (IEEE STB 16621), Kings College of Engineering on 27th September, 2017.

Date : _____

Signature of sponsoring authority
(with seal)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*One Day Seminar
on
"Smart Grid – Future Electric Grid"
on 27.09.2017*

Venue : Pallava Hall

AGENDA

- | | | |
|-----------|---|---|
| 09.15 A.M | - | Registration |
| 10.00 A.M | - | Tamil Thaaai Vaazthu |
| 10.05 A.M | - | Welcome Address
Prof.A.Albert Martin Ruban, Head / EEE |
| 10.10 A.M | - | Presidential Address
Dr.J.Arputha Vijaya Selvi, Principal, KCE. |
| 10.25 A.M | - | Introduction to Resource Person by Mr.C.Balaji, AP / EEE |
| 10.30 A.M | - | Session I

Overview of Smart Grid , Difference between Conventional Grid & Smart Grid and Infrastructure for Smart Grid by
Mrs.N.Hemavathi, AP / EEE, KCE. |
| 11.30 A.M | - | Tea Break |
| 11.45 A.M | - | Session I Continues |
| 01.15 P.M | - | Lunch |
| 02.00 P.M | - | Session II

Internet of Things (IoT) – Introduction & applications in Smart Grid by Mrs.M.Meenalochani, AP / ECE,
ARJ College of Engineering and Technology, Mannargudi. |
| 03.30 P.M | - | Tea Break |
| 03.45 P.M | - | Session III

Discussion / Doubt Clearing |
| 04.00 P.M | - | Valedictory Function |
| 04.20 P.M | - | Vote of Thanks
Mrs.A.Prabha, AP / EEE |
| 04.25 P.M | - | National Anthem |



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2017-2018 / ODD SEMESTER

One Day Seminar on
"Smart Grid - Future Electric Grid" on 27.09.2017

STATEMENT OF EXPENSE

Date : 03.10.2017

S.NO	PARTICULARS	AMOUNT (Rs.)
1	Five rupees postal cover - 105 Nos.	525
2	Registration Kit (File, Pen & Scribbling Pad) - 100 Nos.	2400
3	Flex - 1 No.	400
4	Certificate - 100 Nos.	800
5	Lunch & Refreshment	5360
6	Reception items, Water bottles, etc.,	315
7	Remuneration	2500
Grand Total		Rs.12,300

C. J. J.
Coordinators

A. Arumugam
Head of the Department 3/10/17



KINGS



IEEE

COLLEGE OF ENGINEERING
Punalikulam, Thanjavur-613 303
NAAC Accredited Institution

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Seminar on

"Smart Grid - Future Electric Grid"

CERTIFICATE

This is to certify that Mr./Ms. K. Nithya of KINGS COLLEGE OF ENGINEERING has participated in the one day seminar on 'Smart Grid - Future Electric Grid' on 27.09.2017 jointly organised by the Department of Electrical and Electronics Engineering and IEEE Student Branch (IEEE STB 16621), Kings College of Engineering, Punalikulam, Thanjavur.

Dr. C. Balaji & Mrs. A. Prabhha
Co-ordinators

Prof. A. Albert Martin Ruban
Head of the Department

Dr. J. Arputha Vijaya Selvi
Principal



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

RECEIPT

No.: 34

DATE : 27.09.2017

Received with thanks from Mr./Ms. A. Nivethabharathi
 of UCE - Thirukkuvilai

Rs.250/- (Rupees two hundred & fifty only) towards registration fee for the one day seminar on "Smart Grid - Future Electric Grid" on 27.09.2017 jointly organized by the Department of Electrical and Electronics Engineering & IEEE Student Branch (IEEE STB 16621), Kings College of Engineering, Punalkulam.



Head of the Department
 Department of Electrical and Electronics Engineering,
 Kings College of Engineering,
 Punalkulam,
 Pudukkottai - 613 303



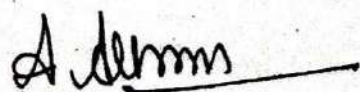
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ATTENDANCE CERTIFICATE

DATE : 27.09.2017

This is to certify that Mr./Ms. A. Nivethabharathi
 of UCE - Thirukkuvilai

has attended the one day seminar on "Smart Grid - Future Electric Grid" on 27.09.2017 jointly organized by the Department of Electrical and Electronics Engineering & IEEE Student Branch (IEEE STB 16621), Kings College of Engineering, Punalkulam.



Head of the Department
 Department of Electrical and Electronics Engineering,
 Kings College of Engineering,
 Punalkulam,
 Pudukkottai - 613 303



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*One Day Workshop on
"Inverterless Solar Energy Based Microgrid Systems" on
04.03.2017*

REPORT

The department of Electrical and Electronics Engineering has organized a one day workshop titled as "Inverterless Solar Energy Based Microgrid Systems" on 04.03.2017. The objective of the workshop is to create awareness about usage of solar power to home without inverter.

Resource persons:

1. Dr.P.S.Kannan, Professor (Emeritus), Thiagarajar College of Engineering, Madurai.
2. Dr.S.Sivakumar, Vice Principal & HOD/EEE, Kings College of Engineering, Punalkulam.

Convenor:

Dr.S.Sivakumar, Vice Principal & HOD/EEE

Coordinators:

1. Mrs.N.Rajeswari, Assistant Professor / EEE
2. Mr.C.Balaji, Assistant Professor / EEE

Inaugural Session:

The dignitaries on the Day during the inaugural session were Dr.P.S.Kannan, Professor (Emeritus), HoD/EEE, Chief CoE Prof.A.Albert Martin Ruban, and the Program Coordinators Mrs.N.Rajeswari and Mr.C.Balaji. The program was started by Thamizh Thaa Vaazthu followed by Welcome address delivered by third year EEE student Ms.S.Kiruthika. Presidential address and the introduction of resource person Dr.P.S.Kannan has been given by the Head of EEE Department. 89 participants

(66 external and 23 internal) attended the workshop. Dr.P.S.Kannan presided over the session and delivered the lecture about the utilization of Solar power to home without inverter.

Session 1-Innovate Technology for utilizing Solar Power to home without inverter:

Dr.P.S.Kannan discussed that the power cuts and poor voltage has been a regular feature, troubling both residents and industrialists alike in the region. When inverter sales are blooming due to erratic supply, a new technique is proposed to maintain uninterrupted power supply (UPS) by making use of basic direct current (DC) from solar power and batteries.

He also told that the Solar power production is DC and the power stored in batteries is also DC, hence the same DC can also be used at home for running electronic equipment without using an inverter. Most electrical appliances and electronic gadgets can be used with DC power. Running a DC system along with the AC system eliminates the need of inverters, this method is useful to avoid sine wave problem in inverter. Battery life will be high and there is lesser transmission loss. All electronic equipment / devices available in the market can directly be powered using 180 to 220 volts of DC sources instead of 230 Volts AC sources required for normal operations.

He concluded that the television, personal computer, fluorescent lamp with electronic ballast, CFL lights, mobile chargers, digital set top boxes, DVD players, and laptops can be operated using DC sources. Nowadays ceiling fans are also available for working in both AC and DC for almost the same price. A demonstration of this technique based lighting system is already installed at our Electrical Machines Laboratory.

Session 2: Visit to Solar Energy Lab

In the session after tea break, the participants visited the solar energy lab installed in electrical machines lab at Kings College of Engineering. Dr.P.S.Kannan and the staff of EEE department demonstrated the solar based lighting system.

Session 3: Status of Solar Energy Production

The session after lunch was started by Dr.S.Sivakumar, Head/EEE delivered a lecture about status of solar energy production & its need. He explained the potential of solar energy in India, how much potential available and the research areas that can be developed under solar power system in India. He also delivered the project ideas in solar system that can be developed by the students and the possibilities of getting funds for these projects.

Session 4: Discussion and Doubt clearing

After a short break, the session was started with the resource persons Dr.P.S.Kannan and Dr.S.Sivakumar to discuss about the possibilities of such a system in home, economic factors, future trends and projects regarding this system with the participants. This session has been a very interactive session.

Valedictory Function:

The feedbacks from the participants regarding the workshop were collected. Then, Mrs.N.Rajeswari, AP/EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with National anthem.

Prepared by

NB 6/3/17
C. B. 6/3
Coordinator

Verified by

6/3/17

Head of the Department

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop on “Inverterless Solar Energy Based Microgrid Systems” on

Date & Time: 04.03.2017

The department of Electrical and Electronics Engineering has organized a one day workshop titled as “Inverterless Solar Energy Based Microgrid Systems” on 04.03.2017. The objective of the workshop is to create awareness about usage of solar power to home without inverter.



Welcome address delivered by third year EEE student Ms.S.Kiruthika.



Honoring the Chief Guest Dr.P.S.Kannan by Dr.S.Sivakumar HOD/EEE



Lecture delivered by Resource Person Dr.P.S.Kannan



Lecture delivered by Dr.S.Sivakumar HOD/EEE



Certificate Distribution to the Participants

10-2-17
Punalakulam.

From

N. Rajeswari & C. Balaji,
AP/EEE,
Kings College of Engineering,
Punalakulam.

To

The Principal,
Kings College of Engineering,
Punalakulam.

yes
10/2/17

Respected Sir

Sub: Requesting permission to conduct Workshop - reg.

We wish to submit that on behalf of our EEE department, we are organizing a one day Workshop on "Inverterless solar Energy Microgrid Systems" on 4.3.17. Hence, I request you to kindly give Permission to conduct the same.

Thanking you,

"forwarded for consideration"

10/2/17

Yours sincerely,

10/2/17



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

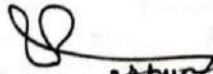
ACADEMIC YEAR 2016-2017 / EVEN SEMESTER

CIRCULAR

Date: 22.02.2017








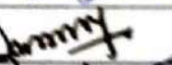
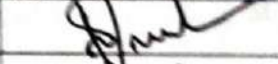

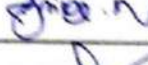







This is to inform that our department is organizing a one day workshop on "Inverterless Solar Energy Based Microgrid Systems" on 04.03.2017. The in-charges for various activities of workshop has been formed and enclosed with this. The in-charges are requested to cooperate for the successful conduct of the workshop.


Coordinator


Head of the Department

- Encl : 1. Staff name list
2. Workshop activities in-charges list

LIST OF STAFF MEMBERS

S.NO	NAME OF THE STAFF	SIGNATURE
TEACHING STAFF		
1	Dr.S.Sivakumar	
2	Prof.A.Albert Martin Ruban	
3	Mrs.N.Hemavathi	
4	Mr.R.Sundaramoorthi	
5	Mrs.N.Rajeswari	
6	Mr.C.Balaji	
7	Mr.J.Arokiaraj	
8	Mr.S.R.Karthikeyan	
9	Mr.P.Narasimman	
10	Mrs.A.Prabha	
11	Mr.M.Mayapandi	
12	Mrs.N.Priya	
13	Ms.S.Elavarasi	
14	Mr.V.Moorthy	
NON-TEACHING STAFF		
1	Mr.R.Alex	
2	Mr.M.Palraj	
3	Mr.K.Ragubalan	
4	Mr.P. Kamaraj	



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Anna University, Chennai)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop on

"Inverterless Solar Energy Based Microgrid Systems" on 04.03.2017

IN-CHARGES FOR WORKSHOP ACTIVITIES

Co-ordinator : Mrs.N.Rajeswari

S.NO	ACTIVITIES	IN-CHARGES	SIGNATURE
2	Design and Printing of Brochure, Covering letter & Postages	Mr.C.Balaji Mrs.N.Rajeswari	C. Balaji NR
3	Design & Printing of Flex & Certificates	Mr.V.Moorthy	Mr. V. Moorthy
4	Postages	Mr.P.Kamraj	P. Kamraj
5	Purchase	Mr.R.Alex	Mr. R. Alex
6	Agenda	Mr.C.Balaji	C. Balaji
7	Hall arrangements	Mr.S.R.Karthikeyan Mr.R.Alex Mr.Ragubalan	Mr. S. R. Karthikeyan Mr. R. Alex Mr. Ragubalan
8	Solar Energy Lab	Mr.J.Arokiaraj Mr.M.Mayapandi	Mr. J. Arokiaraj Mr. M. Mayapandi
9	Registration(details informing to office)	Mrs.N.Priya Ms.S.Elavarasi	Mrs. N. Priya Ms. S. Elavarasi
10	Certificate (Writing & Distribution)	Mrs.A.Prabha	Mrs. A. Prabha
11	Reception	Mrs.N.Priya	Mrs. N. Priya
12	Feedback Collection	Ms.S.Elavarasi	Ms. S. Elavarasi
13	Lunch and Refreshment	Mr.R.Sundaramoorthi Mr.P.Narasimman Mr.M.Palraj Mr.P.Kamraj	Mr. R. Sundaramoorthi Mr. P. Narasimman Mr. M. Palraj Mr. P. Kamraj
14	Transport	Mr.S.R.Karthikeyan	Mr. S. R. Karthikeyan
15	Compeering	Mrs.A.Prabha	Mrs. A. Prabha
16	Xerox / Bills and Vouchers Entries	Mr.R.Alex Mr.M.Palraj	Mr. R. Alex Mr. M. Palraj
17	CD Writing	Mrs.N.Hemavathi Mr.C.Balaji	Mrs. N. Hemavathi Mr. C. Balaji

NR
Coordinator

Head of the Department



KINGS
COLLEGE OF ENGINEERING

NAAC Accredited Institution
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

One Day Workshop

on

"INVERTERLESS SOLAR ENERGY BASED MICROGRID SYSTEMS"

4th March, 2017

*Jointly Organized by Department of Electrical and Electronics Engineering
&
IEEE Student Branch*

16th February, 2017

Organizing Committee

Chief Patrons

Smt.Sharmila Rajaa
Chief Financial Officer

Mr.TRS.Muthu Kumaar
Chief Executive Officer

Patron

Dr.S.Duraiaraj
Principal

Co-Patron

Dr.J.Arputha Vijaya Selvi
Dean (R&D)

Convenor

Dr.S.Sivakumar
Vice-Principal & HOD

Coordinator

Mrs.N.Rajeswari
Assistant Professor

To

The Principal / Head of the Department - EEE

Sir / Madam,

Sub: Circulation of Information brochure of One day Workshop on "Inverterless Solar Energy Based Microgrid Systems" - regarding.

I am glad to inform you that the Department of Electrical and Electronics Engineering is organizing a One day Workshop on "Inverterless Solar Energy Based Microgrid Systems" on 4th March, 2017.

The main objective of this workshop is to impart fundamental knowledge of utilizing Solar energy to home without inverter and Selection, Operation & Performance of microgrid connected Solar PV system. The training will be given by experts from reputed organization.

On behalf of the organizing committee of workshop, I request you to circulate the enclosed brochure among the faculty members, research scholars and students of Department of Electrical and Electronics Engineering in your esteemed institution and encourage them to participate in this one day workshop.

Thanking You.




Regards,

Dr.S.Sivakumar,
Vice-Principal & HOD



www.kingsindia.net

Punalkulam, Gandarvakottai Taluk, Thanjavur - 613 303
Ph: 04362-282474, 282395, 282396, Fax : 04362-282494

<p>Participation Faculties, Research Scholars, PG and UG Students from AICTE recognized institutions.</p> <p>Workshop Contents</p> <ul style="list-style-type: none"> ✓ Innovative Technology for utilizing Solar Energy to home without inverter. ✓ Grid connected Solar PV system - Selection, Operation and Performance. ✓ Status of Solar Energy Production <p>Resource Persons</p> <table border="0"> <tr> <td>Dr.P.S.Kannan, Professor (Emeritus), Department of EEE, TCE, Madurai.</td> <td>Dr.S.Sivakumar, Professor & Head, Department of EEE, KCE, Thanjavur.</td> </tr> </table> <p>Registration Fee per Participant : Rs.400/-</p> <p>The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to eeedept@kingsindia.net</p> <p>Important Dates</p> <table border="0"> <tr> <td>Last date for Submitting Registration form</td> <td>: 25.02.2017</td> </tr> <tr> <td>Intimation of Acceptance (through e-mail only)</td> <td>: 28.02.2017</td> </tr> </table>	Dr.P.S.Kannan, Professor (Emeritus), Department of EEE, TCE, Madurai.	Dr.S.Sivakumar, Professor & Head, Department of EEE, KCE, Thanjavur.	Last date for Submitting Registration form	: 25.02.2017	Intimation of Acceptance (through e-mail only)	: 28.02.2017	<p>Organizing Committee</p> <p>Chief Patrons</p> <p>Smt.Sharmila Rajaa Chief Financial Officer</p> <p>Mr.TRS.Muthu Kumaar Chief Executive Officer</p> <p>Patron</p> <p>Dr.S.Durairaj Principal</p> <p>Co-Patron</p> <p>Dr.J.Arputha Vijaya Selvi Dean (R&D)</p> <p>Convenor</p> <p>Dr.S.Sivakumar Vice-Principal & HOD</p> <p>Co-ordinator</p> <p>Mrs.N.Rajeswari Assistant Professor</p>	<p>One Day Workshop On "INVERTERLESS SOLAR ENERGY BASED MICROGRID SYSTEMS" 4th March, 2017</p>  <p>Jointly Organized by Department of Electrical & Electronics Engineering and IEEE Student Branch</p> <div style="display: flex; align-items: center;">  <div style="margin: 0 10px;"> <p>KINGS COLLEGE OF ENGINEERING</p> </div>  </div> <p>NAAC Accredited Institution An ISO 9001 Certified Institution Approved by AICTE, New Delhi Affiliated to Anna University, Chennai Punalkulam, Thanjavur - 613 303 Phone : 04362 282474, 282676. Fax : 04362 282494 www.kingsindia.net</p>
Dr.P.S.Kannan, Professor (Emeritus), Department of EEE, TCE, Madurai.	Dr.S.Sivakumar, Professor & Head, Department of EEE, KCE, Thanjavur.							
Last date for Submitting Registration form	: 25.02.2017							
Intimation of Acceptance (through e-mail only)	: 28.02.2017							

<p>About Our Institution</p> <p>Kings College of Engineering (KCE) was born out of a dream and vision to provide education with unparallel quality to the young and enthusiastic students of our nation. The College is approved by the AICTE, New Delhi and affiliated to Anna University, Chennai. The drive from our management and dedication of the faculty has seen KCE to rise to the status on one of the most prestigious institutions in this part of the country. KCE is a NAAC Accredited Institution for five years.</p> <p>KCE, run by Raj Educational Trust (RET), Chennai is a fast growing Technical Institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely EEE, ECE, CSE, Mechanical and Civil Engineering and five PG programmes namely VLSI Design, Mobile and Pervasive Computing, Thermal Engineering, Power Electronics & Drives, and Computer Science & Engineering. We strive and endeavor every passing day to build our students as technocrats.</p> <p>How to Reach?</p> <p>Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from New Bus Stand on Thanjavur - Pudukkottai National Highway.</p>	<p>Genesis</p> <p>The Electrical and Electronics Engineering Department is established in the year 2001. The Department of EEE offers 4 years B.E in Electrical and Electronics Engineering and 2 years M.E in Power Electronics and Drives. We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. All the laboratories are well established with the state-of-art equipment and latest licensed software for simulation studies that will help our students to achieve their goals. Our department is an approved research centre for pursuing research (Ph.D) under Anna University, Chennai.</p> <p>Accommodation</p> <p>Participants are requested to make their own arrangements. However, suggestions to suitable accommodation could be made on request.</p> <p>Communication Address</p> <p>Mrs.N.Rajeswari, Co-ordinator of Workshop, Department of EEE, Kings College of Engineering, Punalkulam, Thanjavur - 613 303 Phone : 04362 282474, 282676 Mobile: Mr.C.Balaji - 9688664222 E-mail : eeedept@kingsindia.net Website : www.kingsindia.net</p>	<p>One Day Workshop On "INVERTERLESS SOLAR ENERGY BASED MICROGRID SYSTEMS"</p> <p>Registration Form (Fill up in Capital Letters)</p> <p>Name : _____</p> <p><input type="checkbox"/> Faculty <input type="checkbox"/> Research Scholar <input type="checkbox"/> PG <input type="checkbox"/> UG</p> <p>Department : _____</p> <p>Institution : _____</p> <p>Communication Address : _____</p> <p>Phone/Mobile No. : _____</p> <p>Email ID : _____</p> <p>Registration Fee : _____</p> <p>Date : _____ Signature of the Applicant</p> <p>Sponsoring Certificate</p> <p>This is to certify that Dr./Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Inverterless Solar Energy based Microgrid Systems" organized by department of EEE, Kings College of Engineering on 4th March, 2017.</p> <p>Date : _____ Signature of sponsoring authority (with seal)</p>
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop

on

"Inverterless Solar Energy Based Microgrid Systems"

on 04.03.2017

AGENDA

09.30 A.M	-	Registration
10.15 A.M	-	Tamil Thaaai Vaazthu
10.20 A.M	-	Welcome Address
10.25 A.M	-	Presidential Address by Dr.S.Sivakumar, Vice Principal & Head / EEE, KCE.
10.35 A.M	-	Session I Innovative Technology for utilizing Solar Energy to home without inverter by Dr.P.S.Kannan, Professor (Emeritus), TCE, Madurai.
11.45 A.M	-	Tea Break
12.00 Noon	-	Session I Continues
12.45 P.M	-	Session II Visit to Solar Energy Lab
01.15 P.M	-	Lunch
02.00 P.M	-	Session III Solar PV System – Current Scenario by Dr.S.Sivakumar, Vice Principal & Head / EEE, KCE.
03.30 P.M	-	Tea Break
03.45 P.M	-	Session IV Discussion / Doubt Clearing
04.15 P.M	-	Valedictory Function
04.30 P.M	-	Vote of Thanks
04.35 P.M	-	National Anthem



KINGS
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Anna University, Chennai)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

*One Day Workshop on
"Inverterless Solar Energy Based Micro Grid Systems"
on 04.03.2017*

REGISTRATION DETAILS-SUMMARY

S.No	Name of the Institution	No. of Participants
1	Sir Issac Newton College of Engg. & Tech., Nagapattinam	4
2	Kongunadu College of Engg. & Tech., Thottiyam	4
3	Dhanalakshmi Srinivasan Institute of Research & Technology, Perambalur	12
4	A.V.C. College of Engg., Mayiladuthurai	8
5	University College of Engineering, Thirukkuvalai	13
6	St.Joseph's College of Engg. & Tech., Thanjavur	9
7	E.G.S. Pillay Engg. College, Nagapattinam	10
8	University College of Engg., Pattukottai	5
9	Sengunthar Engineering College, Erode	1
10	Kings College of Engineering, Pudukkottai	23
Total Strength		89

NR 4/3/17
Coordinators

Head of the Department

4/3/17



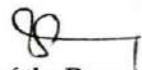
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

RECEIPT

No.: W66

DATE : 04.03.2017

Received from Mr./Ms. S. Savaresan
of University College of Engineering - Pattukkottai
Rs.400/- (Rupees four hundred only) towards registration fee for the one day workshop
on "Inverterless Solar Energy Based Microgrid Systems" on 04.03.2017 jointly organized by
the Department of Electrical and Electronics Engineering and IEEE Student branch -
16621, Kings College of Engineering, Thanjavur.


Head of the Department
Dr. S. Sivakumar, B.E., M.Tech., Ph.D.,
Professor & Head-EEE Department,
Kings College of Engineering,
Punalakulam-613 303.




DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ATTENDANCE CERTIFICATE

DATE : 04.03.2017

This is to certify that Mr./Ms. S. Saravanan
of University College of Engineering - Pattukkottai
has attended the one day workshop on "Inverterless Solar Energy Based Microgrid
Systems" on 04.03.2017 jointly organized by the Department of Electrical and Electronics
Engineering and IEEE Student branch - 16621, Kings College of Engineering,
Thanjavur.


Head of the Department
Dr. S. Sivakumar, B.E., M.Tech., Ph.D.,
Professor & Head-EEE Department,
Kings College of Engineering,
Punalakulam-613 303.



KINGS
COLLEGE OF ENGINEERING
NAAC ACCREDITED INSTITUTION
Punalkulam, Thanjavur-613303



Department of Electrical and Electronics Engineering

One Day Workshop On

"Inverterless Solar Energy Based Microgrid Systems"

CERTIFICATE

This is to certify that Mr./Ms. R. RAJESHKANNAN

of SIR TSSAC NEMION COLLEGE OF ENGINEERING & TECHNOLOGY
has participated in the one day Workshop on "Inverterless Solar Energy Based Microgrid Systems"
On 04.03.2017 jointly organised by the Department of Electrical and Electronics Engineering and
IEEE Student Branch - 16621, Kings college of Engineering, Punalkulam, Thanjavur.

AB
COORDINATOR
MRS.N.RAJESWARI

DR
HOD
Dr.S.SIVAKUMAR

Principal
Dr.S.DURAIRAJ



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**One Day Workshop on
"Inverterless Solar Energy Based Micro Grid Systems"
on 04.03.2017**

STATEMENT OF EXPENSE

S.No	PARTICULARS	AMOUNT(Rs.)
1	Postage (100 Colleges)	500
2	CD, Slip Pad, Pen, CD Pouch , File, CD marker and Flex quick	2,140
3	Battery	50
4	Food (Lunch)	9,000
5	Tea & Snacks (FN & AN)	2,640
6	Sweets for Resource Persons	300
7	Reception items	50
8	Flex and Certificate	2,300
9	Remuneration & Transport for Resource Person	15,000
Total		Rs. 31,980
Rupees Thirty one thousand nine hundred and eighty only		

Total Amount collected from registration : Rs. 35,600 18950
 Amount received from Department fund in advance : Rs. 5,500 7000
 Total Amount Spent : Rs. 31,980
 Amount returned to the Department (A.M.R.) : Rs. 9,120

102-19/3/17
 Coordinators

Head of the Department

Principal



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop on "Inverterless Solar Power for Domestic Appliances" on 23.09.2016

REPORT

The department of Electrical and Electronics Engineering & IEEE student chapter has jointly organized a one day workshop titled as *"Inverterless Solar Power for Domestic Appliances"* on 23.09.2016. The objective of the workshop is to create awareness about usage of solar power to home without inverter.

Resource persons:

1. Dr.P.S.Kannan, Professor (Emeritus), Kings College of Engineering, Punalkulam.
2. Dr.S.Sivakumar, Vice Principal & HOD/EEE, Kings College of Engineering, Punalkulam.

Convenor:

Dr.S.Sivakumar, Vice Principal & HOD/EEE

Coordinators:

1. Mr.C.Balaji, AP/EEE
2. Ms.S.Elavarasi, AP / EEE

Inaugural Session:

The dignitaries on the dais during the inaugural session were Dr.P.S.Kannan, Professor (Emeritus), HoD/EEE, Chief COE Prof.A.Albert Martin Ruban, Prof.T.Kannan and the Program Coordinator Mr.C.Balaji. The program was started with Thamizh Thaa Vaazthu followed by Welcome address delivered by final year EEE student Ms.K.Gayathri. Presidential address and the introduction of resource person Dr.P.S.Kannan has been given by the Head of EEE Department. 54 participants

Handwritten signature and date 23/9/16

(29 external and 25 internal) attended the workshop. Dr.P.S.Kannan was the Chief Guest of the session and delivered the lecture about the utilization of solar power to home without inverter.

Session 1-Innovative Technology for utilizing Solar Power to home without inverter:

Dr.P.S.Kannan discussed that the power cuts and poor voltage has been a regular feature, troubling both residents and industrialists alike in the region. When inverter sales are booming due to erratic supply, a new technique is proposed to maintain uninterrupted power supply (UPS) by making use of basic direct current (DC) from solar power and batteries.

He also told that the Solar power production is DC and the power stored in batteries is also DC, hence the same DC can also be used at home for running electronic equipment without using an inverter. Most electrical appliances and electronic gadgets can be used with DC power. Running a DC system along with the AC system eliminates the need of inverters, this method is useful to avoid sine wave problem in inverter. Battery life will be high and there is lesser transmission loss. All electronic equipment / devices available in the market can directly be powered using 180 to 220 volts of DC sources instead of 230 Volts AC sources required for normal operations.

He concluded that the television, personal computer, fluorescent lamp with electronic ballast, CFL lights, mobile chargers, digital set top boxes, DVD players, and laptops can be operated using DC supply. Nowadays ceiling fans are also available for working in both AC and DC. A working model of this technique is already installed at our Electrical Machines Laboratory and is feeding 2 sets of fluorescent lamp with electronic ballast, 2 CFL lights and a computer system with LCD monitor.

Session 2: Visit to Solar Energy Lab

In this session, the participants visited the solar energy lab installed at electrical machines lab at Kings College of Engineering. Dr.P.S.Kannan and the staff of EEE department demonstrated the solar based lighting system.

Session 3: Solar PV System - Current Scenario & Status of Solar Energy Production

The session after lunch was started by Dr.S.Sivakumar, Head/EEE delivered a lecture about Solar Energy - Current scenario and status of solar energy production & its need. He explained the potential of solar energy in India, how much potential available and the research areas that can be developed under solar power system in India. He also delivered the project ideas in solar system that can be developed by the students and the possibilities of getting funds for these projects.

Session 4: Discussion and Doubt clearing

After a short break, the session was started with the resource persons Dr.P.S.Kannan and Dr.S.Sivakumar to discuss about the possibilities of such a system in home, economic factors, future trends and projects regarding this system with the participants. This session has been a very interactive session.

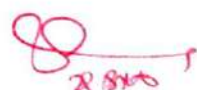
Valedictory Function:

The feedbacks from the participants regarding the workshop were collected. Then, Ms.S.Sowmiya of Third Year EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with National anthem.

Prepared by


Coordinator
29/9/16

Verified by


Head of the Department

Dr. S. Sivakumar, B.E., M.Tech., Ph.D.,
Professor & Head-EEE Department,
Kings College of Engineering,
Punaikulam-613 303.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2016-2017 / ODD SEMESTER

CIRCULAR

Date: 12.09.2016


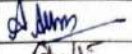

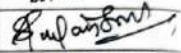

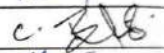



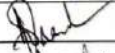
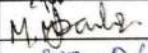
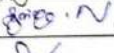



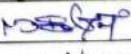


This is to inform that our department is going to organize the one day workshop on *"Inverterless Solar Power for Domestic Appliances"* on 23.09.2016. The in-charges for various activities of workshop has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the workshop.


Coordinator


Head of the Department

Encl : 1. Staff name list
2. Workshop activities in-charges list

LIST OF STAFF MEMBERS

S.NO	NAME OF THE STAFF	SIGNATURE
TEACHING STAFF		
1	Dr.S.Sivakumar	
2	Prof.A.Albert Martin Ruban	
3	Mrs.N.Hemavathi	
4	Mr.R.Sundaramoorthi	
5	Mrs.N.Rajeswari	
6	Mr.C.Balaji	
7	Mr.J.Arokia Raj	
8	Mr.S.R.Karthikeyan	
9	Mr.P.Narasimman	
10	Mrs.A.Prabha	
11	Mr.M.Mayapandi	
12	Mrs.N.Priya	
13	Ms.S.Elavarasi	
14	Mr.V.Moorthy	
NON-TEACHING STAFF		
1	Mr.R.Alex	
2	Mr.M.Palraj	
3	Mr.R.Selvasekar	
4	Mr.R.Chandrasekar	



KINGS
COLLEGE OF ENGINEERING
Pondicherry, Tamil Nadu



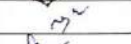




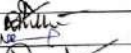
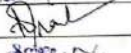

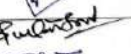


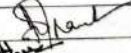


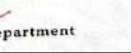


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop on
"Inverterless Solar Power for Domestic Appliances" on 23.09.2016

IN-CHARGES FOR WORKSHOP ACTIVITIES

Co-ordinators : Mr.C.Balaji & Ms.S.Elavarasi

S.NO	ACTIVITIES	IN-CHARGES	SIGNATURE
1	SFRDs Proposal & Budget	Mr.C.Balaji	
2	Design and Printing of Brochure, Covering letter & Postages	Mr.C.Balaji & Ms.S.Elavarasi	
3	Design & Printing of Flex & Certificates	Mr.V.Moorthy	
4	Postages	Ms.S.Elavarasi	
5	Purchase	Mr.R.Alex Mr.R.Selvasekar	
6	Agenda	Mr.C.Balaji	
7	Hall arrangements	Mr.S.R.Karthikeyan Mr.R.Alex Mr.R.Chandrasekar	
8	Solar Energy Lab	Mr.J.Arokia Raj Mr.M.Mayapandi	
9	Registration(details informing to office)	Ms.N.Hemavathi Mrs.N.Rajeswari	
10	Certificate (Writing & Distribution)	Mrs.A.Prabha	
11	Reception	Mrs.N.Priya	
12	Feedback Collection	Ms.S.Elavarasi	
13	Lunch and Refreshment	Mr.R.Sundaramoorthi Mr.P.Narasimman Mr.M.Palraj Mr.R.Selvasekar Mr.R.Chandrasekar	
14	Transport	Mr.S.R.Karthikeyan	
15	Compensing	Mrs.A.Prabha	
16	Xerox / Bills and Vouchers Entries	Mr.R.Alex Mr.M.Palraj Mr.R.Selvasekar	
17	CD Writing	Mr.P.Narasimman Mrs.N.Priya	

C. Balaji
Co-ordinators

Head of the Department



KINGS
COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



One Day Workshop

on

"INVERTERLESS SOLAR POWER FOR DOMESTIC APPLIANCES"

23rd September, 2016

*Jointly Organized by Department of Electrical and Electronics Engineering
&
IEEE Student Branch*

19th August, 2016

Organizing Committee

Chief Patrons

Smt.Sharmila Rajaa
Chief Financial Officer

Mr.TRS.Muthu Kumaar
Chief Executive Officer

Patron

Dr.S.Durairaj
Principal

Co-Patron

Dr.J.Arputha Vijaya Selvi
Dean (R&D)

Convenor

Dr.S.Sivakumar
Vice-Principal & HOD

Coordinators

Mr.C.Balaji
Assistant Professor

Ms.S.Elavarasi
Assistant Professor

To

The Principal / Head of the Department - EEE

Sir / Madam,

Sub: Circulation of Information brochure of One day Workshop on *"Inverterless Solar Power for Domestic Appliances"* - regarding.

I am glad to inform you that the Department of Electrical and Electronics Engineering is organizing a One day Workshop on *"Inverterless Solar Power for Domestic Appliances"* on 23rd September, 2016.

The main objective of this workshop is to impart fundamental knowledge of utilizing Solar energy to home, without inverter and Selection, Operation & Performance of microgrid connected Solar PV system. The training will be given by experts from reputed organization.

On behalf of organizing committee of workshop, I request you to circulate the enclosed brochure among the faculty members, research scholars and students of Department of Electrical and Electronics Engineering in your esteemed institution and encourage them to participate in this one day workshop.

Thank You.

Regards,

Dr.S.Sivakumar,
Vice-Principal & HOD



Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.
Ph: 04362-282474, 282395, 282396, Fax : 04362-282494

11.08.2016

From

C. Balaji,
AP/EEE,
Department of EEE,
Kings College of Engineering.

To

The principal,
Kings College of Engineering,
Punalisulam.

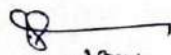
Respected Sir,

SUB: Requesting Permission to conduct one day
workshop on 23.09.2016 - reg.

The department of EEE is planned to organize a
one day workshop titled as "INVERTERLESS SOLAR
POWER FOR DOMESTIC APPLIANCES" on 23.09.2016.
Hence, we kindly request you to permit us to
organize the workshop.

Thanking You sir.

Forwarded for consideration


11/8/16

Yours faithfully,

C. Balaji
11/8/16

Participation

Faculties, Research Scholars, PG and UG Students from AICTE recognized institutions.

Workshop Contents

- ✓ Innovating Technology for utilizing Solar Energy to home without inverter.
- ✓ Grid connected Solar PV system - Selection, Operation and Performance.
- ✓ Status of Solar Energy Production

Resource Persons

Dr.P.S.Kannan, Dr.S.Sivakumar,
Professor (Emeritus), Professor & Head,
Department of ECE, Department of EEE,
Kings College of Engineering,
Punalkulam, Thanjavur.

Registration Fee per Participant : Rs.300 /-

The registration fee should be paid by cash only. Pre-registration is mandatory by sending the duly filled registration form to the college address (or) e-mail the soft copy to eeedept@kingsindia.net

Important Dates

Last date for Submitting
Registration form : 14.09.2016

Intimation of Acceptance : 16.09.2016
(through e-mail only)

Organizing Committee

Chief Patrons

Smt.Sharmila Rajaa
Chief Financial Officer

Mr.TRS.Muthu Kumaar
Chief Executive Officer

Patron

Dr.S.Duraiaraj
Principal

Co-Patron

Dr.J.Arputha Vijaya Selvi
Dean (R&D)

Convenor

Dr.S.Sivakumar
Vice-Principal & HOD

Co-ordinators

Mr.C.Balaji &
Ms.S.Elavarasi

One Day Workshop

On

**"INVERTERLESS SOLAR POWER
FOR DOMESTIC APPLIANCES"**

23rd September, 2016



Organized by

Department of
Electrical & Electronics Engineering



KINGS
COLLEGE OF ENGINEERING

An ISO 9001 Certified Institution
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Punalkulam, Thanjavur - 613 303
Phone : 04362 282474, 282676.
Fax : 04362 282494

www.kingsindia.net

About Our Institution

Kings College of Engineering (KCE) was born out of a dream and vision to provide education with unparalleled quality to the young and enthusiastic students of our nation. The College is approved by the AICTE, New Delhi and affiliated to Anna University, Chennai. The drive from our management and dedication of the faculty has seen KCE to rise to the status on one of the most prestigious institutions in this part of the country.

KCE, run by Raj Educational Trust (RET), Chennai is a fast growing Technical Institution in the state of Tamilnadu with a great promise to cater the educational demands of budding engineers in and around Thanjavur from 2001. Our institution offers five UG programmes namely EEE, ECE, CSE, Mechanical and Civil Engineering and five PG programmes namely VLSI Design, Mobile and Pervasive Computing, Thermal Engineering, Power Electronics & Drives, and Computer Science & Engineering. We strive and endeavor every passing day to build our students as technocrats.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from New Bus Stand on Thanjavur - Pudukkottai National Highway.

Genesis

The Electrical and Electronics Engineering Department is established in the year 2001. The Department of EEE offers 4 years B.E in Electrical and Electronics Engineering and 2 years M.E in Power Electronics and Drives. We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. All the laboratories are well established with the state-of-art equipment and latest licensed software for simulation studies that will help our students to achieve their goals. Our department is an approved research centre for pursuing research (Ph.D) under Anna University, Chennai.

Accommodation

Participants are requested to make their own arrangements. However, suggestions to suitable accommodation could be made on request.

Communication Address

Mr.C.Balaji, & Ms.S.Elavarasi,
Co-ordinators of Workshop,
Department of EEE,
Kings College of Engineering,
Punalkulam,
Thanjavur - 613 303
Phone : 04362 282474, 282676
Mobile: Mr.C.Balaji - 9688664222
E-mail : eeedept@kingsindia.net
Website : www.kingsindia.net

One Day Workshop

On

**"INVERTERLESS SOLAR POWER
FOR DOMESTIC APPLIANCES"**

Registration Form

(Fill up in Capital Letters)

Name :

☐ Faculty ☐ Research Scholar ☐ PG ☐ UG

Department :

Institution :

Communication
Address :

Phone/Mobile No. :

Email ID :

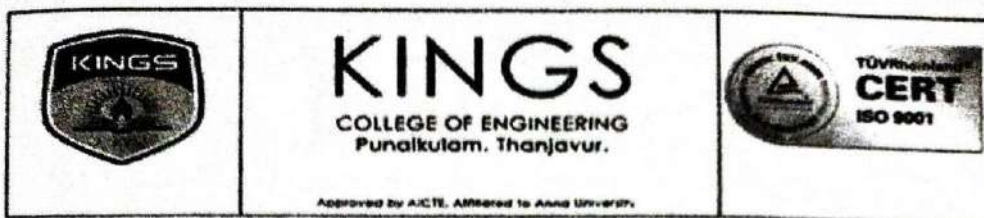
Registration Fee :

Date : Signature of the Applicant

Sponsoring Certificate

This is to certify that Dr./Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Inverterless Solar Power for Domestic Appliances" organized by department of EEE, Kings College of Engineering on 23rd September, 2016.

Date : Signature of sponsoring authority
(with seal)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Workshop

on

"Inverterless Solar Power for Domestic Appliances"

on 23.09.2016

AGENDA

- | | | |
|------------|---|---|
| 09.30 A.M | - | Registration |
| 10.15 A.M | - | Tamil Thaaai Vaazthu |
| 10.20 A.M | - | Welcome Address
K.Gayathri - Final Year EEE |
| 10.25 A.M | - | Presidential Address by
Dr.S.Sivakumar, Vice Principal & Head / EEE, KCE. |
| 10.35 A.M | - | Session I

Innovative Technology for utilizing Solar Energy to home without inverter by Dr.P.S.Kannan, Professor (Emeritus), KCE. |
| 11.45 A.M | - | Tea Break |
| 12.00 Noon | - | Session I Continues |
| 12.45 P.M | - | Session II

Visit to Solar Energy Lab |
| 01.15 P.M | - | Lunch |
| 02.00 P.M | - | Session III

Solar PV System - Current Scenario by
Dr.S.Sivakumar, Vice Principal & Head / EEE, KCE. |
| 03.30 P.M | - | Tea Break |
| 03.45 P.M | - | Session IV

Discussion / Doubt Clearing |
| 04.15 P.M | - | Valedictory Function |
| 04.30 P.M | - | Vote of Thanks
S.Sowmiya - Third Year EEE |
| 04.35 P.M | - | National Anthem |



KINGS
COLLEGE OF ENGINEERING
Punalakulam, Thanjavur.



Annexure - I

PROPOSAL FOR STUDENTS & FACULTY RESEARCH AND DEVELOPMENT SCHEMES (SFRDS)

Ref. No.: KCE/EEE/SFRDS/NS-1/16-17

Date: 19/08/2016

1	Name of the Department	EEE
2	Name of the Scheme	Financial assistance for organizing Seminars/Workshop
3	Name & Designation of Convenor / Coordinator	Dr. S. Sivakumar, Prof. in-charge / Mr. C. Balaji, AP
4	Technical Details of the programme:	
	i. Title	Inverterless Solar power for Domestic Appliances
	ii. Date	23.09.2016
	iii. Details of Resource Persons with affiliations:	
	Dr. P. S. Kannan, Professor (Emeritus) / ECE, Kings College of Engineering.	Dr. S. Sivakumar, Professor in-charge / EEE, Kings College of Engineering.
	iv. Event objective:	To impart fundamental knowledge of utilizing solar power to home without inverter.
	v. Target Audience: Faculty members,	Research scholars, PG and UG students
5	No. of participants expected	i. External : 20 ii. Internal : 15
6	Total anticipated expenditure (Head-wise Break-up):	
	Brochure & Postal charges: Rs. 1200/- Lunch & Refreshment: Rs. 7500/- (for 100 colleges)	Flex (10x8) & (8x4): Rs. 1120/-
	Certificates: Rs. 1000/-	CD with Pouch: Rs. 550/-
	Registration kit: Rs. 1400/-	Miscellaneous: Rs. 1000/-
7	Total anticipated income out of the following:	
	i. Registration Fee	Rs. 9000/-
	ii. Sponsorships, if any	-
8	Awards for Project Schemes / Paper presentation / Paper publication:	-
	i. Title of the Project / Paper	-
	ii. Project ID / Paper ID	-
	iii. Details of Journal / Proceedings	-
9	Grant requested from SFRDS (in Rs.)	Rs. 7500/-

Signature of Convenor / Coordinator

Name: C. Balaji

Date: 19/8/16

Allotted Rs. 7500/-

Approved
Dean (R&D)

J. Perumal
19/8/16.

Signature of Head of the Department

Name: Dr. S. Sivakumar

Date: 19/8/16

Signature of Head of the Institution

Name of the Department: EEE

EEE

APPROVAL INTENT FOR SFRDS

Annexure - II

Academic Year & Semester: 2016-2017 8th Sem

Name of the Scheme	Ref. No. of SFRDS	Title of the event	Activity Period		No. of participants (Internal & External)	Name of Resource persons with affiliation	Other Income			Has the same activity been conducted in this year/Sem (Specify Lr. No. & Date of SFRDS & period) If YES, whether UC is submitted?	Proposed utilization of Funds		
			From	To			Registration fee (Rs.)	Any other Sponsorships (Rs.)	Total (Col. 7+8) (Rs.)		Resource persons	Other expenses	Total (11+12)
Financial Awardees for organizing Seminars/Workshop	2	INVERTERLESS SOLAR POWER FOR DOMESTIC APPLIANCES	23/9/16	-	35	Dr. P. S. Kannan, Professor (Emeritus), Dept. of ECE / KCE Dr. S. Sivakumar, Professor & Head, Dept. of EEE / KCE	Rs. 900/-	-	Rs. 900/-	-	-	Rs. 1374/- & 1374/-	
HOD <u>[Signature]</u>		PO / VP / Dean (R&D)		Accounts Officer <u>[Signature]</u>		CEO <u>[Signature]</u>		Principal <u>[Signature]</u>					



KINGS

COLLEGE OF ENGINEERING
Pongkulam, Thanjavur.

Approved by AICTE, affiliated to Anna University



TUV Rheinland
CERT
ISO 9001

Annexure -III

UTILISATION CERTIFICATE FOR STUDENTS & FACULTY RESEARCH AND DEVELOPMENT SCHEMES (SFRDS)

1.	Name of the Department	EEE
2.	Name of the Scheme / Title of the Event	Financial Assistance for organizing Workshop/Inventorless Solar Power for Domestic Appliances
3.	SFRDS Letter No. & Date	15CE/EEE/SFRDS/HS-1/16-17 dt 19/8/16
4.	Activity Period	23/09/16
5.	Grant-in aid approved for the event (Rs.)	Rs. 7500/-
6.	Grant-in aid received (Rs.)	Rs. 7500/-
7.	Other receipts / Registration Amount (Rs.) / Other Sponsorships, if any, for the event	Rs. 6000/-
8.	Total amount that was available for expenditure for the event: (Sl. Nos. 6 + 7)	Rs. 13,500/-
9.	Actual expenditure incurred for the event (Enclose statement of expenditure & Bills)	Rs. 12,077/-
10.	Unspent balance refunded, if any	Rs. 1423/-
11.	Total grant already availed for various schemes by the Dept. in this academic year	Symposium - Rs. 5000/- Guest Lecture - Rs. 7500/-
12.	Balance amount available in the allotted Budget for SFRDS activities	Rs. 1,80,000/-
13.	Amount allowed to be carried forward to the next event	—

1. Certified that the amount of Rs. 12,077/- mentioned against Col. 9 has been utilized on the project / scheme for the purpose for which it was sanctioned and that the balance of Rs. 1423/- remaining unutilized has been given to Accounts section.

2. Certified that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised (Vouchers / Cash / Cheque / Bills / Others)

1. Lunch & Refreshment - College Canteen.
2. Flex - Bharathi Flex Prints
3. Piles, Pens, etc - Private paper stores
4. Certificate - ISE Andhra

Signature of Head of the Department

Date: 27/09/16

Countersigned by
Dean (R&D)

Signature of Head of the Institution



KINGS

COLLEGE OF ENGINEERING
Ponakulam, Thanjavur.

Approved by AICTE, Affiliated to Anna University



ISO 9001
CERT

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2016-2017 / ODD SEMESTER

*One Day Workshop on
"Inverterless Solar Power for Domestic Appliances" on 23.09.2016*

STATEMENT OF EXPENSE

Date : 27.09.2016

S.NO	PARTICULARS	AMOUNT (Rs.)
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C. S. S.
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27/9/16

27/9/16
Head of the Department

[Signature]
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KINGS
COLLEGE OF ENGINEERING
Punalikulam, Thanjavur - 613 303



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING


One Day Workshop on

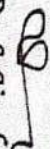
"Inverterless Solar Power for Domestic Appliances"
CERTIFICATE

This is to certify that Mr./Ms. N. VISWANATH

of TRACHY ENGINEERING COLLEGE

has participated in the one day Workshop on "Inverterless Solar Power for Domestic Appliances" on
23.09.2016 jointly organised by the Department of Electrical and Electronics Engineering and IEEE
Student Branch, Kings college of Engineering, Punalikulam, Thanjavur.


Mr. C. Balaji & Ms. S. Elavarasi
Co-ordinators


Dr. S. Sivakumar
Head of the Department


Dr. S. Gurusamy
Principal



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CRITERION: 3.2.2

Department of Mechanical Engineering

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National Conference on Energy and Manufacturing Scenario – 2021

(Through online mode)

“NCEMS – 2021”

31st March 2021

Call for Papers



**Organized by
Department of Mechanical Engineering
KINGS COLLEGE OF ENGINEERING**

Recognized under 2(f) & 12(B) of UGC
A NAAC Accredited Institution, Approved by AICTE & Affiliated to Anna University
Punalkulam, Pudukkottai Dist. -613 303.

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ABOUT THE INSTITUTION

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE has been started during 2001 and run by Raj Educational Trust (RET). KCE is approved by All India Council of Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. KCE has acquired ISO certification by TUV, Rheinland, Germany, recognized under 2(f) & 12(B) of UGC and accredited by NAAC. Five U.G. (B.E.) and four P.G. (M.E.) programmes are being offered.

The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution. The institution grows at a faster pace as it has a very sound management, willing to do everything needed for making it a great institution.

OUR DEPARTMENT

The department of **Mechanical Engineering** was started in the year 2006. The Department offers 4 year B.E. Degree Programme in 'Mechanical Engineering' and 2 year M.E. Degree Programme in 'Thermal Engineering'. The mission of the department is "to educate students to become globally competent". The department shares the mission and vision of the institution in imparting quality education to the students. The department has well established laboratories to provide practical exposure to the students and dedicated faculty team.

CONFERENCE OBJECTIVE

The conference aims at bringing researchers, academicians, practicing engineers and industrialists to a common platform which provides a national forum for researchers to exchange ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in engineering. Papers are invited from Post Graduate students / Researchers / Practicing Engineers and R & D Personnel. The NCEMS-2021 significantly benefits a wide variety of academic and industrial sectors.

CONFERENCE THEMES

MANUFACTURING

- RPT / FEA
- Unconventional Machining Processes
- Welding & Casting
- Nano Technology
- Materials-Composites
- CAD / CAM / CIM
- Advanced Manufacturing Techniques
- Lean Manufacturing/ANN

ENERGY

- Thermal Engineering
- Renewable Energy Management
- Solar Energy
- Wind Energy
- Advanced Heat Transfer
- Tidal Energy
- Energy Storage Technologies
- Biomass Gasification

PAPER SUBMISSION

Original research and unpublished papers are invited in the above list of themes. The authors are requested to submit an abstract not exceeding one page. It should carry the name and address of the author(s) with their affiliation (including phone number and E-mail). The abstract may also be sent through E-mail (ncemsmech@gmail.com).

PAPER FORMAT

Size A4, Single column, maximum no. of pages not exceeding 8 pages, Times New Roman, 12 font size with 1.5 line spaces.

REGISTRATION

At least one author per paper and all other participants should register on or before the deadline. All delegates and authors will have to confirm their participation by online registration.

REGISTRATION FEE

UG / PG Students :Rs.250

Research Scholars and Practicing Engineers :Rs.500

R&D Personnel & Faculty members :Rs.750

Registration fee includes Conference Kit, copy of the conference proceedings. Fee should be sent by Demand Draft in favor of "The Principal, Kings College of Engineering" payable at Thanjavur. For details visit <http://www.kingsindia.net>

CONFERENCE PUBLICATION

Selected papers will be published in

- International Journal of Core Engineering and Management (IJCEM)
- International Journal of Trend in Scientific Research and Development. (IJTSRD)
- International Journal of Engineering Science and Technology. (IJEST)
- International Journal of Innovating Research in Science, Engineering and Technology. (IJIRSET)
- International Journal of Advanced Research Trends in Engineering and Technology. (IJARTET)

LOCATION

The college is located 15km from Thanjavur Railway station and 10km from Thanjavur New Bus Stand.

IMPORTANT DATES

Submission of abstract : 17.03.2021

Notification of Acceptance: 22.03.2021

Submission of full paper : 29.03.2021

Conference Date : 31.03.2021

ADDRESS FOR COMMUNICATION

The Organizing chair,
NCEMS-2021, Department of Mechanical Engg.,
Kings College of Engineering, Punalkulam-613303.
Tel : 04362-282474
Web : www.kingsindia.net
Email : ncemsmech@gmail.com

CONTACT NUMBERS

- Dr.T.Pushparaj 9894484058
- Dr.P.P.Shantharaman 9944876644
- Mr.M.Melwin Jagadeesh Sridhar 9994748951

REGISTRATION FORMAT

Participants are requested to retype the given format and send it by post or by email

National Conference on Energy and Manufacturing Scenario - 2021 (NCEMS-2021)

(Reg. Link: <https://forms.gle/gopd57mePFesc15w5>)

Full Name : _____

Designation : _____

Organization : _____

Address : _____

Phone(Off) : _____

Phone(Res) : _____

Email : _____

Fee Details : _____

DD for Rs. : _____ DD Number: _____

Date : _____ Name of the Bank: _____

Registration Category: Post Graduate students / Researchers / Practicing Engineers / R & D Personnel.

Signature of the Applicant

Signature of the
Sponsoring
Authority with seal



**National Conference on
Energy and Manufacturing Scenario – 2021(NCEMS)-31st March 2021
(Through virtual mode)**

AGENDA

Inauguration		Venue: Pallava Hall
09.50 am	Welcome address – Dr.T.Pushparaj, HOD/ Mech	
10.00 am	Honoring the Chief Guest	
	Dr.N.L.Parthasarthy by Dr.T.Pushparaj	
10.05 am	Presidential Address by Principal	
10.10 am	Introduction of Chief Guest –Dr.N.L.Parthasarthy by Mr.S.Giridharan	
10.15 am	Keynote Address by Dr.N.L.Parthasarthy	
10.30 am	Releasing of Conference Proceedings by Principal	
11.15 am	Presentation session – I	
1.00 pm	Lunch Break	
1.45 pm	Presentation session - II	
3.50 pm	Tea Break	
Valedictory		
4.00 pm	Conference Report by – Mr.S.Giridharan	
4.10 pm	Issuing of Certificate by Conference Chair - Dr.T.Pushparaj	
4.30 pm	Feed Back from Participants	
4.35 pm	Vote of thanks – Mr.R.Shankar	
4.40 pm	National Anthem	



National Conference on

Energy and Manufacturing

Scenario – 2021

“NCEMS – 2021”

(Through virtual mode)

31st MARCH 2021

PROCEEDINGS

Organised by

Department of Mechanical Engineering

Kings College of Engineering

Punalkulam-613303, Pudukkottai Dt.

Website: www.kingsindia.net

Published by:

Department of Mechanical Engineering

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Send all correspondence to : The Organizing Chair

NCEMS-21

Department of Mechanical Engineering

Kings College of Engineering.

E-mail: ncemsmech@gmail.com

NCEMS-21

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8	List of research articles	
9	Abstracts	

Kings College of Engineering at a glance

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The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution. The institution grows at a faster pace as it has a very sound management, willing to do everything needed for making it a great institution.

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ADVISORY COMMITTEE

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PROGRAMME SCHEDULE

National Conference on Energy and Manufacturing Scenario – 2021

“NCEMS – 2021” (Through virtual mode)

Date: 31.03.2021

Time	Programme schedule
10.00 am	Welcome Address
10.05 am	Introduction to Chief guest
10.10 am	Presidential address by Chief guest
10.40 am	Felicitation by Vice Principal
11.15 am	Technical paper presentation Session - I
1.30 pm	Technical paper presentation Session - II
04.00 pm	Valedictory function

Dr.R.Rajendaran,
Secretary

Ref: KCE/Secretary/NCON-Message/20-21

23.03.2021



Message

It is indeed awesome that the Department of Mechanical Engineering is organizing a National Conference on “Energy and Manufacturing Scenario – 2021(NCEMS-2021)” on 31st March, 2021. The conference aims at bringing researchers, academicians, practicing engineers and industrialists on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in energy and manufacturing scenario. I am confident that it would be really essential to chip in discussions on technology and would serve the society with a fruitful end result in future.

I am in no doubt that the conference will be successful and I would like to express my sense of gratitude to the organizing chair, the organizing secretaries, the faculty members, and students for excellent work and I wish to give a warm welcome to the delegates to grace the juncture with scintillating success.

Dr.R.Rajendaran



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr. J. Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL /NCON Message/20-21

26.03.2021

Message



On behalf of the Organizing Committee, it is a great honor to invite you to the National Conference on **“Energy and Manufacturing Scenario-2021”** organized by the Department of Mechanical Engineering.

Mechanical Engineering is one of the broadest engineering disciplines and is notable for its versatility. As a result of new technological developments, this field has undergone a remarkable transformation. Hence, the emerging research issues in the Mechanical Engineering are to be focused and addressed. I hope this conference will foster a platform for the participants to exchange their ideas and establish collaboration in the promising fields of Mechanical Engineering.

Mechanical Engineering is one of the broadest engineering disciplines and is notable for its versatility. As a result of new technological developments, this field has undergone a remarkable transformation. Hence, the emerging research issues in the Mechanical Engineering are to be focused and addressed. I hope this conference will foster a platform for the participants to exchange their ideas and establish collaboration in the promising fields of Mechanical Engineering.

Have a nice time at KINGS.

Regards,

Dr. J. Arputha Vijaya Selvi
Principal



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Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr. S.Sivakumar, M.Tech., Ph.D.,
Vice Principal

Ref: KCE / VP /NCON Message/20-21

26.03.2021

Message



I feel happy to note that that the Department of Mechanical engineering is organizing the National Conference on **“Energy and Manufacturing Scenario-2021”** on 31.03.2019. As the conference is planned to deliberate the latest trends in Manufacturing engineering it will be of use to the researchers and students for validating their works. I know that the organizing committee is working hard to make the conference a successful one. I wish them all the best for the researchers and participants of this conference and let the event spread the knowledge for the benefit of all.

Have a nice time at KINGS.
Regards,

Vice Principal

Dr. T.Pushparaj
HOD/Mechanical

Ref: KCE/HOD/MECH/NCON-Message/20-21

23.03.2021



Message

Welcome to Kings College of Engineering, Punalkulam.

On behalf of the Mechanical Engineering department, I am delighted to welcome all the participants, for National “Energy and Manufacturing Scenario – 2021(NCEMS-2021)” on 31st March, 2021. Expansion of knowledge takes place when the intellectuals come together and exchange their ideas and experiences in a common forum like Conferences and Journal publications. It will give participants a platform to exchange ideas, discover novel opportunities, reacquaint with colleagues, meet friends, and broaden their knowledge.

I hope that, you will find the National Conference and your stay in kings College of Engineering both valuable and enjoyable. I congratulate all the participants of the NCEMS-2021. I believe this National Conference will be a great success and everyone will benefit from it.

With open arms and warm regards, we look forward to welcoming you
NCEMS-2021

Thank you

Dr.T.Pushparaj



LIST OF RESEARCH ARTICLES
National Conference on Energy and Manufacturing Scenario – 2021
“NCEMS – 2021” (Through virtual mode)

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NCEMS 01	Mechanical and Corrosion Behaviour of Aluminium welded metals Al6061 & Al7075.
	M.Aswin, Aravindasamy, Arjunkumar, Maheswaran, Manimaran
NCEMS 02	Mitigation of NO _x and noise in CRDI Diesel engine using multiple injection technique fuelled by Biodiesel with suitable additives.
	C.Manikandan, Syed Aalam C, Dr.S.G.Shelvaraju
NCEMS 03	Tribological behaviour and characterization studies on Metal Matrix Composites
	M.Prasanth, K.Prem kumar, N.Santhosh kumar, K.Ajith kumar, M.Melwin Jagadeesh Sridhar
NCEMS 04	Corrosion Behavior of IN625 coated Stainless Steel (SS309) at an elevated temperature of 800°C.
	M.Sathyamoorthi, K.Senthamizsudar, R.Senthil, R.Sriharan, S.Sabanayagam
NCEMS 05	Mechanical Testing and characteristics of Copper Matrix Composite through Powder Metallurgy route
	M.Prakesh, M.Sarathkumar, B.D.Senthamil priyan, R.Mukilan, M.Melwin Jagadeesh Sridhar
NCEMS 06	Efficiency Improvement in polycrystalline solar panel by thermal control
	Shankar.R, Kabilan.S, Annamalai.K, Balamurugan .M, Kathiravan.R
NCEMS 07	Experimental investigation on Petung Bamboo and Bagasee fibre with reinforced concrete
	B.Sriram prasad , A.Balaji, M.Srilasri, N.Priyanka
NCEMS 08	Performance Studies of Composite Materials
	N.Priyanka , M.Srilasri, B.Sriram prasad

NCEMS 09	Analyse the effect of welding parameter in Gas Tungsten arc welding process in Caron and Alloy steel plate.
	S.Siva, M.Subhaneshwaran, A.Suriya, J.Vijaychandru,S.Desikan
NCEMS 10	Investigation of Mechanical properties for Sisal and Abaca with Epoxy resin composite material
	K.Shriram sundar,M.Venkatesh,MV.Venkateswaran,E.Dinesh,M.Sakthivel
NCEMS 11	An Experimental investigation and optinmization of friction stir welding on AA6061 & AA5052
	D.Thirupugazh,S.Vishnu,R.L.Wilber Judson,K.Santhosh shivan
NCEMS 12	Design and fabrication of portable micro grinding machine using Carbonium wheel and analysis on different materials
	P. Enoch Ebenezer, J. Abdul Shimak, R. Hariharan, M. Karthick,S. Desikan
NCEMS 13	Solar energy and its improvement of efficiency by solar panel using different methods
	M.Srilasri, Dr.N.Stalin
NCEMS 14	An investigation on mechanical properties of combined natural fibers using epoxy resin
	S. Nelson raja, K.vadivel, R.rajadurai
NCEMS 15	Solar Powered Trolley
	Pushparaj.T,Dhivakaran.K, Hariharan.V,Manimaran.S,Muthu Manikandan.J
NCEMS 16	Application of Grey relation analysis to optimize EDM parameters for cast Aluminium Composite Plates
	P.Raghu Devan,T.Raghul,N.Renga Rajan,S.Ruban, M.Ashwin
NCEMS 17	Performance and Emission Characteristic Analyses in CI Engine by Using of Alternative Fuel of Jojoba and Juliflora with I Pentanol Additives
	Agilan.H, Dr.Pushparaj.T
NCEMS 18	Alkaline treated paddy straw fiber reinforced polyester composites and die design for tube light frame
	Aananth R, Logesh S, Dhinesh kumar M, Boobalan NP, Prabhakaran J

TECHICAL SESSION 2

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	Gokul M, Harish A, Sathya Narayanan S.S,Ragul A, Prabhakaran JS
NCEMS 20	Comparative investigation of mechanical properties Al-metal matrix spur gear with various reinforcements
	Deepan Raj S, Ragul G, Manikandan P, Krishna Kumar G, Radhika T
NCEMS 21	Investigation on Mechanical Behaviour of mild steel welded joints and effect of welding variables
	J .Danielakash, M.Deepakraj, V.Ssarabeshwaran, S.Naveenraj D.Nachimuthuraja
NCEMS 22	Post welding heat treatment strength evaluation and Optimization of OHNS Steel with Taguchi Design
	S. Selva, S. Naveen, A. Deepak
NCEMS 23	Fabrication and Properties of Magnesium Hybrid Nano Metal matrix composites using powder metallurgy
	Shantharaman.P.P, Alagesan.K, Bharath.M, Infantraja.S, Karan.K
NCEMS 24	Composite Material of bullet proof jackets using STF without using ballistic plates
	Prasath C, Rahulkumar K, Ragavan R, Pugazhendhi K,Vetrivel S
NCEMS 25	Reinforcement of Aluminium Matrix Composite With E-Glass Fiber
	Abinash S, Sankarganesh V,Vasanth V,Vasanthakumar K,Veerapandian K
NCEMS 26	Conventional heat transfer design of a steam condenser for once through Super Critical Boiler, by two shell pass and multiple tube pass
	Dr.S.Kamatchi Sankaran , K.Gunaseelan,P.Iniyan, T.Ferose Khan, R.Lakshmanan
NCEMS 27	Influence of a Non-Patterned and patterned insert on Characterization of 410 Stainless Steel in a hard turning process
	T.Prabakaran
NCEMS 28	Quality improvement by parameter optimization in laser cutting of Aluminium Alloy
	T.Prabakaran

NCEMS 29	Investigation of laser surface treated, texturing effects on nodular cast iron
	T.Prabakaran
NCEMS 30	Workability and metal forming analysis on hybrid metal Matrix Composites of Mg-Sn-TiC.
	Dr.S.Kamatchisankaran, MI. Suhail Ahamed jinna,F. Sunder Raj, J.Suriya Prakash, M.Syed Mubarak Ali
NCEMS 31	The effect of fiber length on tensile properties of Epoxy Resin
	Boobalan.A, Bharathraj.B, Balraj.G, Kingslin.A, Pradeep.M
NCEMS 32	Extraction and testing of blended bio fuel (Diesel) from natural oils, such as mustered oil and derris indica oil from their seeds
	Dr.S.Kamatchisankaran, M.Sathiyaraj, P.Sakthivel, V.Sakthivel,C.Yoganathan
NCEMS 33	Influence of nose radius tool on AA8011 in turning
	Muzammil Hussain.A.R, Mohan Raj.M.G,Mohamed Irfan.N, Peermohamed.S, Dr.T.Prabakaran
NCEMS 34	Analysis and modeling of an Nd:YAG laser microdrilling on SMSS
	Mohamed Riyas.K,Noordeen.S,Nihal Ahamed.F,Mohamed Ismail.P, Dr.T.Prabakaran
NCEMS 35	Structural Characterization on Stainless Steel (SS316) with Inconel 625 Coating by HVOF
	S.Sabanayagam,S.Abbas Mohamed,S.Abishek,A.Jerome Nicholas,D.Madesh
NCEMS 36	Performance and Emission Characteristics on Biofuel in CI Engines
	Agilan.H,AjithKumar.K,Rajarajeshwaran.B,K.VSasiKumar,VigneshKumar.J
NCEMS 37	Experimental Investigation on Di Diesel Engine Powered by orange peel oil as fuel
	Kalimuthu N, Barath I, Shajith R, Muthukaruppan M,Velappan R
NCEMS 38	Design and Fabrication of Motorized Sheet Metal Rolling Machine
	R. Shankar, S. Muthu, K. Keerthivasan, Sudarsan, K. Kannan
NCEMS 39	Pumpkin and Maize Biodiesel with Elaeocarpus Ganitrus Additive Performance Emission Analysis in CI Engine
	N.Magesh, A.Murugesan , B.Prakash, P.Kaviyarasu , R.Pragadeesh



DEPARTMENT OF MECHANICAL ENGINEERING
National Conference on
Energy and Manufacturing Scenario – 2021(NCEMS)-31st March 2021

Amount Collected		
SN	Description	Amount
1	External Papers – 17	17 x 250 = 4250
2	Internal Papers - 17	17 x 150 = 2550
Total Amount		6800
Expenses		
SN	Description	Amount
1	Certificates	2040
2	Postal Charges	180
3	Lunch	1800
4	Miscellaneous	300
Total Expenses		4320

Total Amount Collected : Rs. 6800

Total Expenses : Rs. 4320

Balance Amount : Rs. 2480

T. Rukhany

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

18.02.2021

We are planning to conduct a National Level Webinar on “**Art of Writing Research Articles**” in our department through our College YouTube Channel on 20.02.2021 (12.00pm to 01.00pm). The students are asked to attend the Webinar and get the experience from well versed resource person.

Note:

The staff members requested to attend the workshop on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
20/02/2021 (12.00pm to 01.00pm)	Art of Writing Research Articles	Dr. N. Senthilkumar Asst. Professor & Head, Mechanical NIT, Puducherry.	College YouTube Channel

College YouTube Channel:

https://www.youtube.com/channel/UCv_wHZyT-Nxxc4rbXBiciaw

T. Rukhmi

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

Agenda

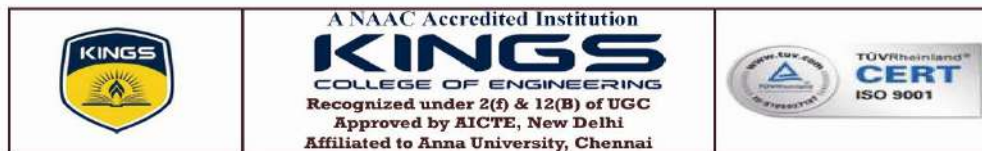
18.02.2021

S. No	Time	Particulars
1	12.00 pm to 12.05 pm	Welcome Address
2	12.05 pm to 12.10 pm	Chief Guest Introduction
3	12.10 pm to 12.50 pm	Webinar by Chief Guest
	12.50 pm to 12.55 pm	Queries
5	12.55 pm to 01.00 pm	Feedback & Vote of Thanks

Note: e-Certificate will be dispatched to the participants after getting feedback from the participants through Google Form.

T. Rukhmi

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2020-21 / EVEN SEMESTER

WEBINAR REPORT

The Department of Mechanical Engineering and Research & Development section had jointly organized a National level webinar through online mode YouTube Live (Channel: kings college of engineering punalkulam) on “**Art of Writing Research Articles**” on **20.02.2021** at **12.00 p.m. to 01.00 p.m.** Welcome address was given by **Mr. S. Sabanayagam**, Assistant Professor / Mechanical, Kings College of Engineering.

Resource person **Dr. N. Sendhilkumar**, was introduced by **Mr. S. Sabanayagam**, Assistant Professor/Mechanical, Kings College of Engineering. The resource person had given the lecture on “**Art of Writing Research Articles**”. In his lecture, he explained how to find the research gap, research findings, initiating the article writing, manuscript preparation and submission on journal by finding journals related to project work. Our resource person also explains how, the patents should be filed and gets granted.

In this webinar, **72** participants from **28** colleges have registered from various Engineering Colleges, Polytechnic colleges and Arts & Sciences Colleges and participated the webinar. As on February 22, 2021, 352 views have been progressing in “Kings College of engineering punalkulam YouTube channel”. Vote of thanks was given by **Mr.S.Sabanayagam**, AP/Mechanical. Kings College of Engineering.

All the attended participants gave their feedback after the session and E-certificate have been sent to them through email.

Webinar Brochure

A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

**Research & Development Cell (R&D) and
Department of Mechanical Engineering**
Organize

**National Webinar on
"Art of Writing Research Articles"**

On 20/02/2021 | Saturday @ 12:00 PM



Resource Person
Dr. N. Sendhil Kumar
Assistant professor & Head
Mechanical Engineering
NIT-Puducherry

E-certificate will be provided

Coordinators
Mr. S. Sabanayagam, AP/Mech
Mr. T. Pasupathi, AP/ECE

Last date for Registration
18/02/2021

Registration Link
<https://forms.gle/EMaicoSkBUkVbkMa8>

 Scan here

Dr. P. P. Shantharaman R&D Convenor
Dr. T. Pushparaj HoD/Mech
Dr. J. Arputha Vijaya Selvi Principal

*Meeting Link will be shared through mail
<https://www.facebook.com/KingsCollegeofEngineering/>

Participation Certificate – Sample Copy

A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

Certificate of Participation

This is to certify that

MAHESH KUMAR R
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET

has participated in webinar on "Art of writing research articles"
presented by **Dr. N. Sendhil Kumar**, Assistant Professor & Head, Mechanical
Engineering, NIT-Puducherry, organized by Research & Development cell
(R&D), Kings College of Engineering, Punalkulam, Thanjavur
on 20th February, 2021.

Event coordinator
Mr. S. Sabanayagam
AP/MECH
Mr. T. Pasupathi
AP/ECE

R&D convenor
Dr. P. P. Shantharaman
ASP/MECH

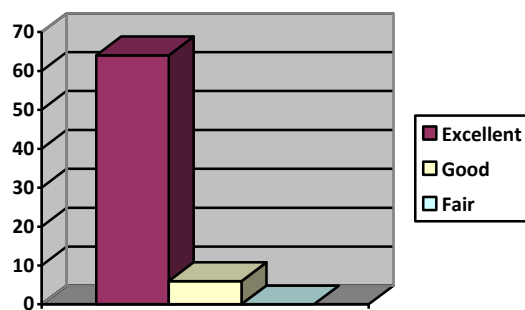
Patron
Dr. J. Arputha Vijaya Selvi
Principal

List of Attended Participants

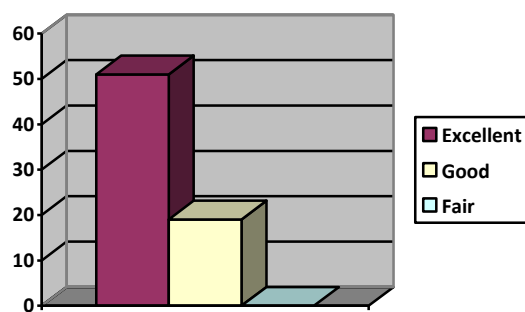
S.No	Name of the Institute/Organisation	Number of participants
1	AVC COLLEGE OF ENGINEERING	3
2	AMIETE	1
3	ANNA UNIVERSITY	1
4	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET	1
5	ANNAMALAI UNIVERSITY	1
6	ANURAG ENGINEERING COLLEGE (A)	2
7	DAYALBAGH EDUCATIONAL INSTITUTION (DEEMED UNIVERSITY), DAYALBAGH, AGRA	4
8	E G S PILLAI ENGINEERING COLLEGE (AUTONOMOUS)	4
9	ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING	1
10	GBPUAT ,PANTNAGAR	1
11	ISTS WOMENS ENGINEERING COLLEGE	3
12	ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING	1
13	JSS WOMENS COLLEGE CHAMARAJNAGAR	1
14	KHAKHARIPURA	1
15	KINGS COLLEGE. OF ENGINEERING, PUNALKULAM	32
16	V.S.B.ENGINEERING COLLEGE,KARUDAYAMPALAYAM,KARUR	1
17	SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT	1
18	ST.THOMAS' COLLEGE OF ENGINEERING & TECHNOLOGY	1
19	KUMARAGURU COLLEGE OF TECHNOLOGY	1
20	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	1
21	MOHAMED SATHAK A J COLLEGE OF ENGINEERING	1
22	SEKOLAH MENENGAH ATAS NEGERI 78 JAKARTA	1
23	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE,BALLARI	1
24	PRINCIPAL, ANJUMAN- E -QASIMIYAH, CHENNAI. INDIA	1
25	USHA MARTIN UNIVERSITY	1
26	ARIFA INSTITUTE OF TECHNOLOGY	1
27	DAYALBAGH EDUCATIONAL INSTITUTION (DEEMED UNIVERSITY), DAYALBAGH, AGRA	3
28	BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS),BAGALKOT	1

Feedback questions and responses

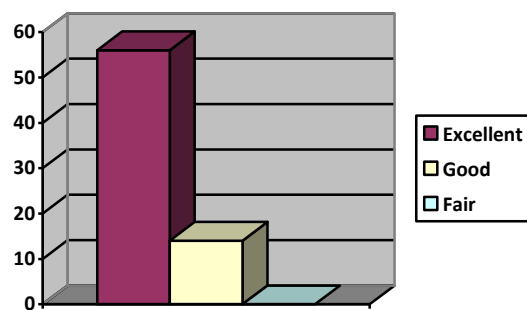
1. Content of the Program? 70 responses



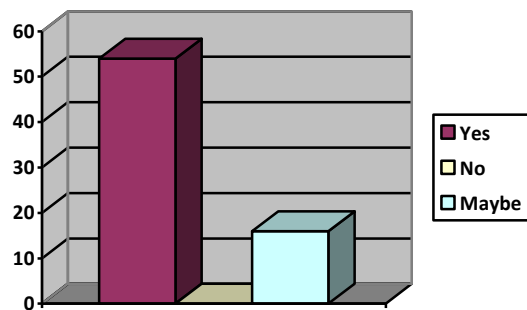
2. Quality of Audio/Video Streaming? 70 responses



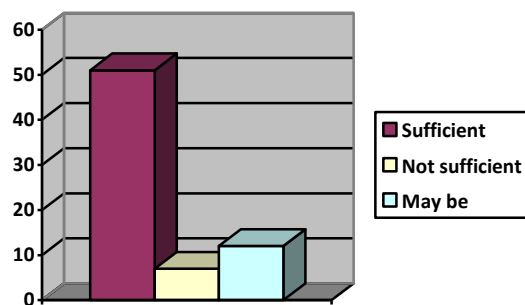
3. Way of Presentation? 70 responses



4. Will you participate in future events? 70 responses



5. Is the time sufficient for coverage of topic chosen? 70 responses



S. Sabanayagam
22/4/21

Event Coordinators

(Mr. S. Sabanayagam)

(Mr. T. Pasupathi)

T. Pushparaj
22/4/21

HOD/Mechanical

(Dr.T.Pushparaj)

J. Arputha Vijaya Selvi
23/2/2021

Principal

(Dr.J.Arputha Vijaya Selvi)



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

24.09.2020

We are planning to conduct a National Level Webinar on "**LEAD CADMIUM TIN ALLOYS AND ITS MECHANICAL AND CORROSION BEHAVIOURS**" in our department through our College YouTube Channel on 26.09.2021 (03.00pm to 04.00pm). The students are asked to attend the Webinar and get the experience from well versed resource person.

Note:

The staff members requested to attend the workshop on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
26/09/2020 (03.00pm to 04.00pm)	LEAD CADMIUM TIN ALLOYS AND ITS MECHANICAL AND CORROSION BEHAVIOURS	Dr. S. Mahendran Asst. Professor & Head, Mechanical University College of Engineering, Thirukuvalai.	College YouTube Channel

College YouTube Channel:

https://www.youtube.com/channel/UCv_wHZyT-Nxxc4rbXBiciaw

T. Purkayastha

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

Agenda

24.09.2020

S. No	Time	Particulars
1	03.00 pm to 03.05 pm	Welcome Address
2	03.05 pm to 03.10 pm	Chief Guest Introduction
3	03.10 pm to 03.50 pm	Webinar by Chief Guest
	03.50 pm to 03.55 pm	Queries
5	03.55 pm to 04.00 pm	Feedback & Vote of Thanks

Note: e-Certificate will be dispatched to the participants after getting feedback from the participants through Google Form.

T. Perumal

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YAER 2020-21/ ODD SEMESTER

WEBINAR REPORT

The Department of Mechanical Engineering and Research & Development had jointly organized a National Level Webinar on "**LEAD CADMIUM TIN ALLOYS AND ITS MECHANICAL AND CORROSION BEHAVIOURS**" for faculty, students, resource scholars and Industrial persons by online mode on **26.09.2020** at **3.00 p.m** to **4.00 p.m**. **Dr. S. Mahendran**, Assistant Professor HoD/Mechanical, University College of Engineering, Thirukkuvalai delivered the Webinar presentation.

The welcome address was given by **Mr. R. Shankar**, Assistant Professor/ Department of Mechanical, Kings College of Engineering. Resource person **Dr. S. Mahendran**, Assistant Professor HoD/Mechanical, University College of Engineering, Thirukkuvalai was introduced by **Dr.T.Pushparaj** Professor HoD/ Mechanical, Kings College of Engineering. The resource person had given the lecture on "**LEAD CADMIUM TIN ALLOYS AND ITS MECHANICAL AND CORROSION BEHAVIOURS**". In this lecture, he explained about the anti-corrosion characteristics contributed by a double reduced as the base substrate for tinplate and other tin mill small quantities from the production of another metal.

In this webinar, 134 participants registered from various Institutions. Among these, 83 participants were from Engineering Colleges. Remaining participants were from various Polytechnic College and Arts and Science Colleges in around Tamil Nadu. Vote of thanks was given by **Mr. S.Karthi**, Assistant Professor/ Department of Mechanical, Kings College of Engineering.

All the attended participants gave their feed back after the webinar session and E-certificate had been sent to them through email. The webinar brochure, copy of certificate for participants, list of participates and detailed feedback analyses are given below.

Webinar Brochure


KINGS COLLEGE OF ENGINEERING
NAAC Accredited Institution, Recognised under 2(F) & 12(B) Act of UGC
 Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai
 Puralkulam, Near Thanjavur, Pudukkottai Dt - 613 303


**Department of Mechanical Engineering
and
Research & Development Cell
Presents**

National Level Webinar
On
**Lead Cadmium Tin Alloys and its
Mechanical and Corrosion Behaviours**

**26th September 2020
Saturday
3 pm to 4 pm**



**Dr. S. Mahendran,
Prof. & HOD / Mechanical,
University College of Engineering,
Thirukkuvilai.**

Registration link
<https://forms.gle/M3L44hCjYzbecha89>

No registration fee
E-Certificate will be provided
Meeting link will be shared through mail


SCAN ME

Last Date for Registration
24.09.2020

**For Queries
Contact :**
8248866861, 9677818381

Mr. R. Shankar, asst. prof.
Mr. S. Karthi Arasu.
Coordinators

Dr. P. P. Shantharaman
Asst. Prof./Mech.
R & D Coordinator

Dr. T. Pushparaj
HOD/Mech.
Convener

Dr. J. Arputha Vijaya Selvi
Principal

Participation Certificate-Sample Copy


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 Puralkulam, Near Thanjavur, Pudukkottai Dt - 613 303


20th Year of Academic Excellence

CERTIFICATE OF PARTICIPATION

This is to certify thatof
..... has attended
the National level Webinar on "Lead Cadmium Tin Alloys and its Mechanical and
Corrosion Behaviours" organized by Department of Mechanical Engineering and
Research & Development Cell, Kings College of Engineering, Punalkulam on
26.09.2020 through online mode.

Dr. P. P. Shantharaman
R & D Coordinator

Dr. T. Pushparaj
HOD/Mech.

Dr. J. Arputha Vijaya Selvi
Principal

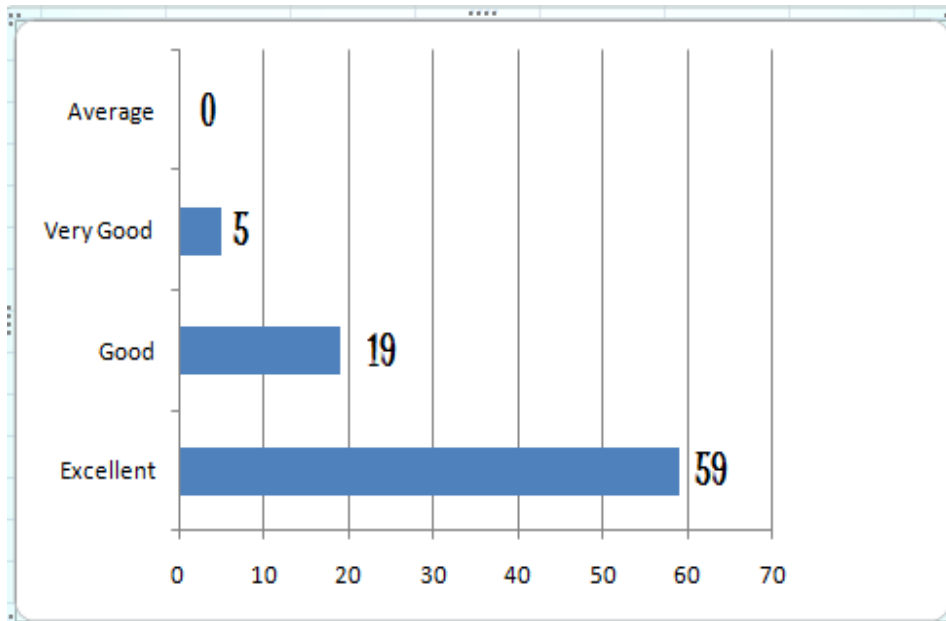
List of attended participants

S.No	Name of the Institute/ Organization	Number of Participants
1.	ARJ College of Engineering and Technology, Mannargudi, Tamilnadu.	03
2.	AVC College of Engineering, Mannampandal, Mayiladuthurai, Tamilnadu.	02
3.	Anjalai Ammal Mahalingam Engineering College, Kovilvenni	02
4.	Anna University ,Trichy, Tamilnadu	01
5.	Aarupadai Veedu Institute of Technolgy, Chennai	01
6.	Annamalai University, Chidhabaram	02
7.	C.P.S Engineering College, Mathura, Uttar Pradesh.	01
8.	E.G.S Pillay Engineering College, Nagapattinam, Tamilnadu.	04
9.	Easwari Engineering College, Chennai, Tamilnadu.	02
10.	Erode Sengunthar Engineering College, Erode, Tamilnadu.	01
11.	Francis Xavier Engineering College ,Tirunelveli, Tamilnadu.	02
12.	Freezco Corporation Rourkela	01
13.	Gayatri Vidya Parishad College of Engineering, Vishakapattinam, Andhra Pradesh.	01
14.	Government College of Engineering, Sengipatti, Tamilnadu.	03
15.	GKM College of Engineering And Technology, Chennai, Tamilnadu.	01
16.	G.Pulla Reddy Engineering College, Kurnool, Andhra Pradesh.	01
17.	Govt.Polytechnic College Trichy, Tamilnadu.	01
18.	G V Acharya College, Shelu, Mumbai	01
19.	Gnanamani College of Technology , Namakkal	03
20.	IFET College of Engineering, Chennai, Tamilnadu.	01
21.	Jeppiaar Institute of Technology, Chennai, Tamilnadu.	05
22.	JNN Institute of Engineering, Thiruvallur, Tamilnadu	02
23.	K. Ramakrishnan College of Technology, Trichy, Tamilnadu.	03
24.	K.S.K College of Engineering and Technology, Kumbokkonam, Tamilnadu.	05
25.	Kings College Of Engineering, Pudukkottidi, Tamilnadu.	15
26.	Kit-Kalaignar Karunanidhi Institute of Technology, Coimbatore, Tamilnadu.	01
27.	Knowledge Institute of Technology, Salem, Tamilnadu.	04
28.	Mookambigai College of Engineering	03
29.	MSN Institute of Management, Kerala	01
30.	National Institute of Technology, Trichy	01
31.	OBO Bettermann India Pvt ltd, Chennai	01
32.	Periyar Centenary Polytechnic College, Thanjavur	03
33.	Vignans Institute of Information Technology, Visakhapatnam	01
34.	V.O.C College, Thoothukudi	04

Feedback questions and responses

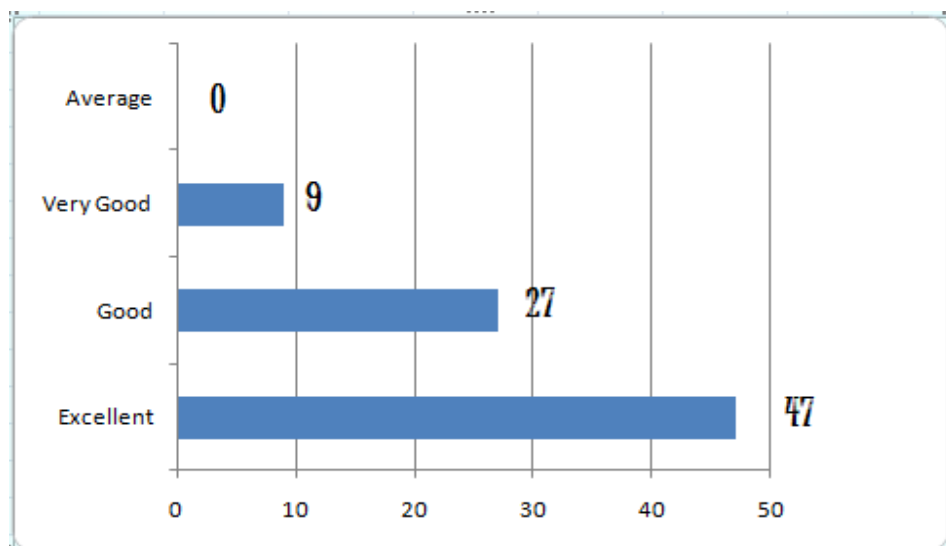
1. How Well the Program Organized.

Excellent	Good	Very Good	Average
59	19	5	Nil



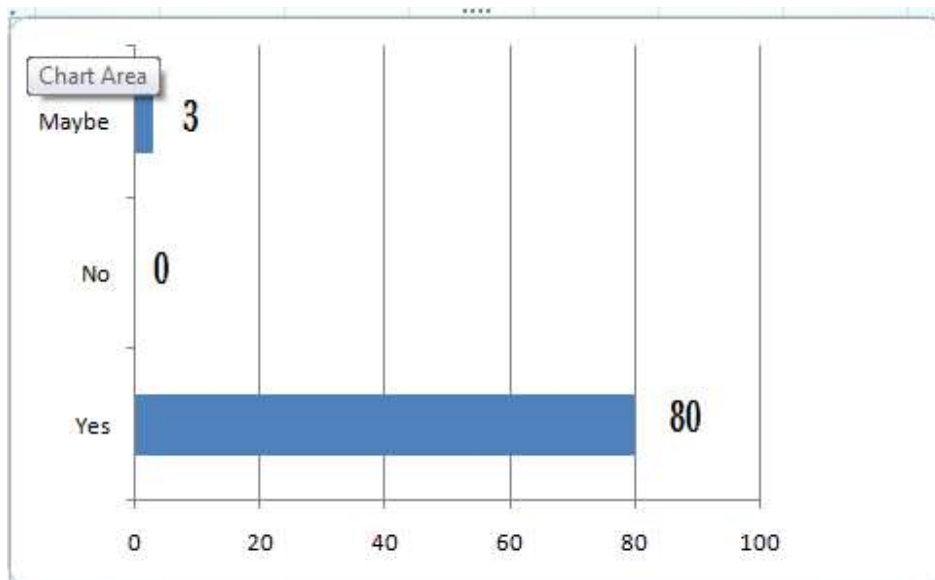
2. How about the Audio Video Quality.

Excellent	Good	Very Good	Average
47	27	9	Nil



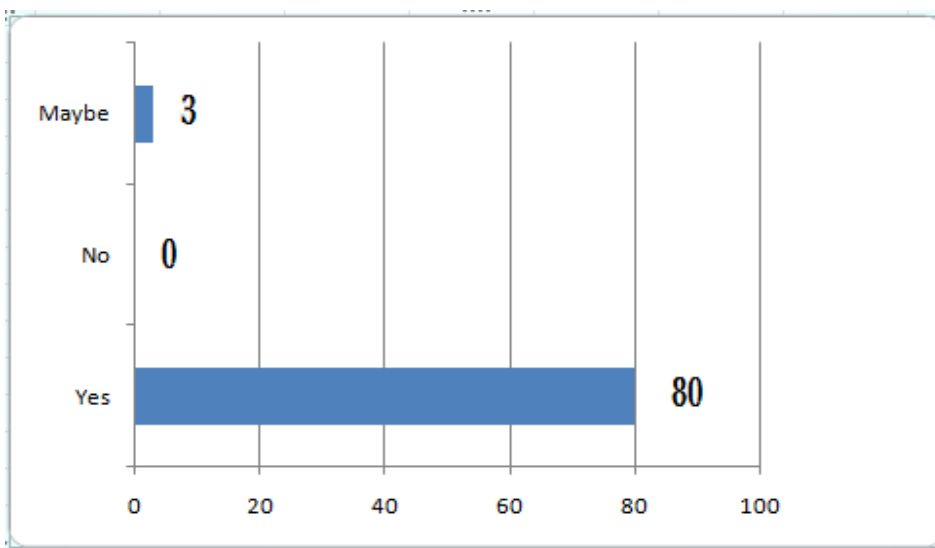
3. Did you Join future Events.

Yes	No	Maybe
80	Nil	3



4. Is the time sufficient for the content?

Yes	No	Maybe
80	Nil	3



Coordinator
(Dr.P.P.Shantharaman)

HoD/Mechanical
(Dr.T.Pushparaj)

Principal
(Dr.J.Arputha Vijaya Selvi)



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

27.07.2020

We are planning to conduct a National Level Webinar on **“Introduction on Industrial Revolution 4.0”** in our department through our College YouTube Channel on 29.07.2020 (11.00am to 12.00pm). The students are asked to attend the Webinar and get the experience from well versed resource person.

Note:

The staff members requested to attend the workshop on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
29/07/2020 (11.00am to 12.00pm)	Introduction on Industrial Revolution 4.0	Mr. T. Thirumoorthy Deputy Manager, Wheels India Ltd, Chennai.	College YouTube Channel

College YouTube Channel:

https://www.youtube.com/channel/UCv_wHZyT-Nxxc4rbXBiciaw

T. Thirumoorthy

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

Agenda

27.07.2020

S. No	Time	Particulars
1	11.00 am to 11.05 am	Welcome Address
2	11.05 am to 11.10 am	Chief Guest Introduction
3	11.10 am to 11.50 am	Webinar by Chief Guest
	11.50 am to 11.55 am	Queries
5	11.55 am to 12.00 pm	Feedback & Vote of Thanks

Note: e-Certificate will be dispatched to the participants after getting feedback from the participants through Google Form.

T. Perumal

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2019-20 / EVEN SEMESTER

WEBINAR REPORT

The Department of Mechanical Engineering and Research & Development section had jointly organized a National level webinar through online mode on “**Introduction on Industrial Revolution 4.0** ” on **29.07.2020** at **11.00 a.m. to 12.00 p.m.** Welcome address was given by **Mr. R. Shankar**, Assistant Professor /Department of Mechanical, Kings College of Engineering.

Resource person **Mr.T.Thirumoorthy**, Deputy Manager, **Wheels India Limited, Chennai**, was introduced by **Dr. P. P. Shantharaman**, Associate Professor/Mechanical, Kings College of Engineering. The resource person had given the lecture on “**Introduction on Industrial Revolution 4.0**”. In his lecture, he explained about the 3D printing, Smart Sensors, EAM Software and Digitalization of Industry

In this webinar, **88** participants in **23** colleges have been registered from various institutions. Among these, **81** participants from various Engineering College, polytechnic college and Arts College have attended the webinar. Vote of thanks was given by **Mr.Desikan**, AP/Mechanical. Kings College of Engineering.

All the attended participants gave their feedback after the session and E-certificate have been sent to them through email.

Webinar Brochure


KINGS COLLEGE OF ENGINEERING
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 Punakulam, Near Thanjavur, Pudukkottai Dt - 613 303


20th Year of Academic Excellence

**Department of Mechanical Engineering
and
Research & Development Cell
Presents
NATIONAL LEVEL
W E B I N A R
ON
"Introduction on Industrial Revolution 4.0"**



Resource Person



Mr. T. Thirumoorthy
 Dy. Manager - Methods - FAW
 WHEELS INDIA LIMITED
 Padi, Chennai-600 050.

29th July 2020 (Wednesday) @ 11.00 a.m.

Registration Link : <https://forms.gle/aLwdW5Mhxf9y413c8>

E-Certificate will be provided
No Registration Fee
Meeting Link will be shared through mail

Last Date for Registration : 27.07.2020

For Queries, Contact:
 8248646261, 8072163128

Coordinators
 Mr.R. Shankar AP/Mech.
 Mr.M. Melwin J Sridhar AP/Mech.
 Mr.S. Desikan AP/Mech.

R & D Coordinator
 Dr.P.P. Shantharaman
 Asso. Prof./Mech.

Convener
 Dr.T. Pushparaj
 HoD/Mech.

Patron
 Dr.J. Arputha Vijaya Selvi
 Principal

<https://www.facebook.com/KingsCollegeofEngineering/>

Participation Certificate – Sample Copy


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 Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai
 Punakulam, Near Thanjavur, Pudukkottai Dt - 613 303


CERTIFICATE OF PARTICIPATION

This is to certify that **K. Senthamizsudar**, Student..... of
 **Kings college of engineering** has attended
 the National Webinar on **"Introduction on Industrial Revolution 4.0"** organized
 by Department of Mechanical Engineering and Research & Development Cell,
 Kings College of Engineering, Punakulam on 29.07.2020 through online mode
 in Cisco Webex platform.

R & D Coordinator
Dr.P.P. Shantharaman
 Asso. Prof./Mech

Convener
Dr.T. Pushparaj
 HoD/Mech.

Patron
Dr.J. Arputha Vijaya Selvi
 Principal

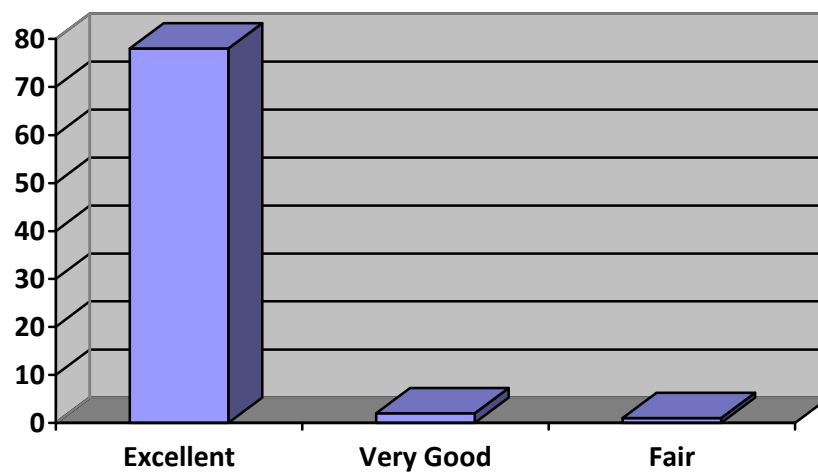
List of Attended Participants

S.No	Name of the Institute/Organisation	Number of participants
1	A.R.J College of Engineering and Technology,Kumbakonam	1
2	A.V.C.College of Engineering, Mayladuthurai.	1
3	Apollo art and science college Chennai	1
4	Balaji institute of technology and science,Chennai	1
5	Bannari Amman Institute of technology Sathyamangalam Erode	1
6	GCE Thanjavur	1
7	Jansons Institute Of Technology,Perunthurai	1
8	Joginpally B.R. Engineering College, Hydrebad	1
9	K L UNIVERSITY,Guntur	1
10	Kamatachi industries ltd, Thoothukudi	1
11	Kings College of engineering, punalkulam.	57
12	KONGU ENGINEERING COLLEGE,PERUNDURAI	1
13	Mam college, Trichy	1
14	Mohamed sathak engineering college, Ramanathapuram	1
15	PSNA College of Engineering and Technology,Dindukal	1
16	RV college of engineering, Bengaluru	1
17	Sanjivani college,Maharashtra	1
18	Saranathan college of Engineering,Trichy	1
19	SASTRA University ,Thanjavur	1
20	Sree Chaitanya college of engineering,Telangana	1
21	SRM TPR Engineering College, Trichy	1
22	The Oxford College Of Engineering,Trichy	1
23	University College of Engineering Thirukkuvalai	1
24	Wheels India Ltd,Chennai	1

Feedback questions and responses

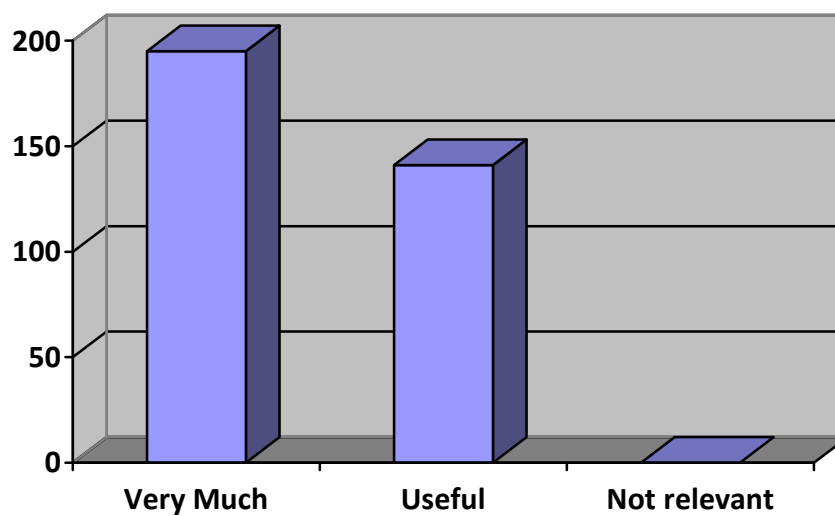
1. How satisfied were you with the session content?

Excellent	Very Good	Fair
78	2	1



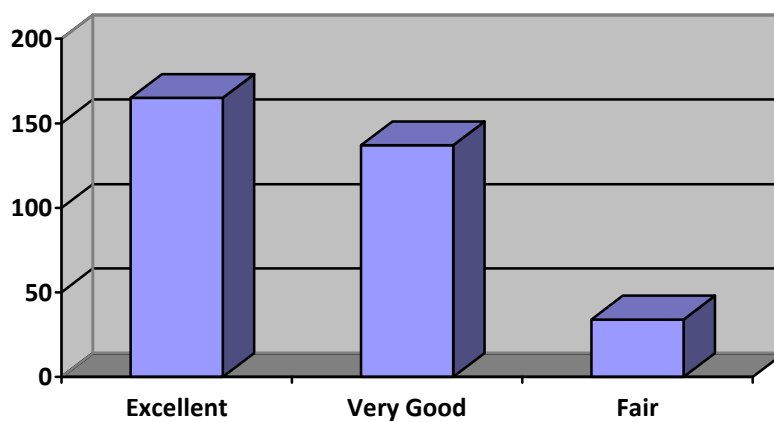
2. How relevant and helpful do you think it was for your job?

Very Much	Useful	Not relevant
195	141	0



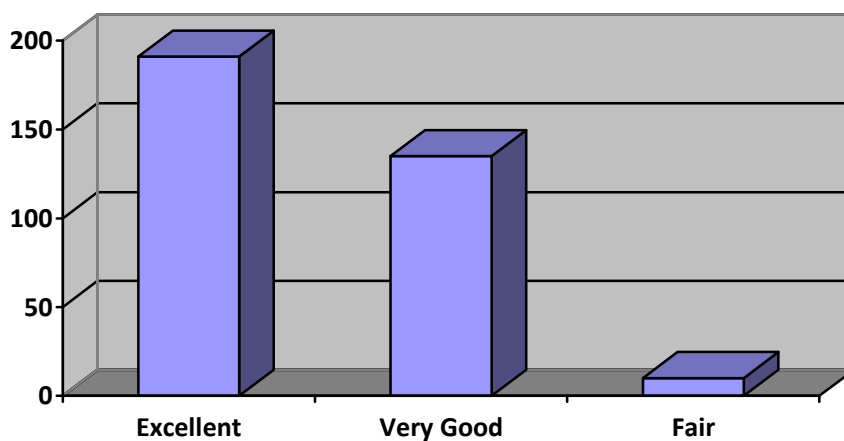
3. How satisfied were you with the session Video and Audio streaming?

Excellent	Very Good	Fair
165	137	34



4. Overall feedback for the event?

Excellent	Very Good	Fair
191	135	10



Coordinator
(Dr.P.P.Shantharaman)

HOD/Mechanical
(Dr.T.Pushparaj)

Principal
(Dr.J.Arputha Vijaya Selvi)



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

20.07.2020

We are planning to conduct a National Level Webinar on “**Application of Design Expert Software in Manufacturing Industry**” in our department through our College YouTube Channel on 22.07.2020 (11.00am to 12.00pm). The students are asked to attend the Webinar and get the experience from well versed resource person.

Note:

The staff members requested to attend the workshop on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
22/07/2020 (11.00am to 12.00pm)	Application of Design Expert Software in Manufacturing Industry	Dr. M. Varatharajulu Post-Doctoral fellow National Institute of Technology, Trichy.	College YouTube Channel

College YouTube Channel:

https://www.youtube.com/channel/UCv_wHZyT-Nxxc4rbXBiciaw

T. Rukhmi

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

Agenda

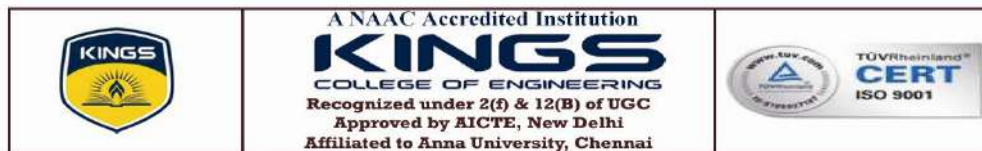
20.07.2020

S. No	Time	Particulars
1	11.00 am to 11.05 am	Welcome Address
2	11.05 am to 11.10 am	Chief Guest Introduction
3	11.10 am to 11.50 am	Webinar by Chief Guest
	11.50 am to 11.55 am	Queries
5	11.55 am to 12.00 pm	Feedback & Vote of Thanks

Note: e-Certificate will be dispatched to the participants after getting feedback from the participants through Google Form.

T. Rukhmi

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2020-21 / ODD SEMESTER

WEBINAR REPORT

The Department of Mechanical Engineering and Research & Development section had jointly organized a National level webinar through online mode on “**Application of Design Expert Software in Manufacturing Industry**” on **22.07.2020** at **11.00 a.m. to 12.30 p.m.** Welcome address was given by **Dr. T. Pushparaj**, Head of the Department / Mechanical, Kings College of Engineering.

Resource person **Dr. M. Varatharajalu**, was introduced by **Dr. P. P. Shantharaman**, Professor/Mechanical, Kings College of Engineering. The resource person had given the lecture on “**Application of Design Expert Software in Manufacturing Industry**”. In his lecture, he explained how Design Expert software will be helpful in Manufacturing Industry regarding designing the component proportions, optimizing the results, catagoric design includes various tools in design of experiments.

In this webinar, **490** participants in **116** colleges have been registered from various institutions. Among these, **335** participants from various Engineering College, polytechnic college and Arts College have attended the webinar. Vote of thanks was given by **Mr.S.Sabanayagam**, AP/Mechanical. Kings College of Engineering.

All the attended participants gave their feedback after the session and E-certificate have been sent to them through email.

Webinar Brochure



KINGS COLLEGE OF ENGINEERING
NAAC Accredited Institution, Recognized under 2(f) & 12(B) Act of UGC
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai
Punalkulam, Near Thanjavur, Pudukkottai Dt - 613 303

20th Year of
Academic Excellence

**Department of Mechanical Engineering &
Research & Development Cell
Presents**

NATIONAL LEVEL WEBINAR ON
***"Application of Design-Expert software in
Manufacturing Industry"***
On 22-07-2020 | Wednesday @ 11:00 AM



Resource Person
Dr. M. Varatharajulu
Post Doctoral Fellow
Department of Production Engineering,
National Institute of Technology,
Tiruchirappalli – 600015, TN, India

Last Date for Registration
20-07-2020

E-Certificate will
be provided

Registration Link
<https://forms.gle/h6zNsTDfH8ECUnC8>

Co-ordinators
Mr. S. Sabanayagam, Asst.Prof./Mech.
+91-9443228702
Mr. H. Agilan, Asst.Prof./Mech.
+91-7010426104
Mr. V. Vijayakumar, Asst.Prof./Mech.
+91-9952537195

*Meeting Link will be
shared through mail



R&D Coordinator
Dr. P. P. Shantharaman
ASP/Mech

Convener
Dr. T. Pushparaj
HoD/Mech

Patron
Dr. J. Arputha Vijaya Selvi
Principal

<https://www.facebook.com/KingsCollegeofEngineering/>

Participation Certificate – Sample Copy



KINGS COLLEGE OF ENGINEERING 20th Year of
Academic Excellence
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Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai
Punalkulam, Near Thanjavur, Pudukkottai Dt - 613 303

Certificate of Participation
This is to Certify that

Dr. RM.Nachiappan
Government College of Engineering, Thanjavur

**has participated in Webinar on “Application of Design-Expert software
in Manufacturing Industry” presented by Dr. M. Varatharajulu,
Post Doctoral Fellow, NIT, Trichy, organized by Department of
Mechanical Engineering and Research & Development Cell, Kings
College of Engineering, Punalkulam on 22/07/2020.**

KCE-MECH-WEB1-173

R&D Coordinator
Dr. P. P. Shantharaman
ASP/Mech

Convener
Dr. T. Pushparaj
HoD/Mech

Patron
Dr. J. Arputha Vijaya Selvi
Principal

List of Attended Participants

S.No	Name of the Institute/Organisation	Number of participants
1	A.R.J College of Engineering And Technology	7
2	Aalim Muhammed Salegh College of Engineering	2
3	Aditya Ins. Of Tech And Mgt Tekkali	1
4	Aits College	1
5	Amrita Institue of Engineering	2
6	Andhra University College of Engineering (A)	1
7	Anna University College Of Engg Thirukkuvalai	1
8	Annamacharya Ins of Tech Tirupati	7
9	Arasu Engineering College	1
10	Avs College Of Technology	1
11	Cai College Of Engineering	1
12	Christ College of Engineering, Irinjalakuda	1
13	Christ The King Engineering College	2
14	Cit Sandwich Polytechnic College	1
15	Dhanalakshmi Srinivasan Engg College Perambalur	1
16	Dktes Tei	1
17	E. G. S. Pillay Engg. College	8
18	Er.Perumal Manimekalai College Fo Engineering	4
19	Ghss.Sanarpatti.624304., Dindigul	2
20	Government College Of Technology, Coimbatore.	1
21	Government Degree College J&K	1
22	Government Engineering College Valsad Gujarat	1
23	Holy Cross Home Science College, Thoothukudi.	1
24	Hyderabad Institute Of Technology And Management	2
25	Ibra College Of Technology, Ibra, Oman	1
26	Ifet College Of Engineeing	13
27	Institute of Aeronautical Engg,(Iare), Hyderabad	1
28	Jansons Institute of Technology	8
29	Jeppiaar Institute of Technology	1
30	K Ramakrishnan College	4
31	K S R Polytechnic College	3
32	K.L.N. College of Engineering	1
33	K.S.K College of Engg And Tech,	4
34	K.S.Rangasamy College Of Technology	1
35	Kalasalingam Academy Of Research And Education	2

36	Karpagam Academy of Higher Education	1
37	Karunya Institute Of Technology And Sciences	1
38	Kings Collage of Engineering	31
39	Knowledge Institute Of Technology	2
40	Kongu Arts And Science College	23
41	Kongu Engineering College	1
42	Kumaraguru College of Technology	1
43	Lakshmi Ammal Polytechnic College	6
44	M.A.M.College of Engg And Technology	1
45	Mahendra Institute Of Engineering And Technology	2
46	Mailam Engineering College	8
47	Manoj M K	1
48	Marthandam College of Engg Tech	2
49	Mea Engineering College	2
50	Meenakshi Academy of Higher Edu And Research	1
51	Mohamed Sathak Engineering College	3
52	Morning Star Polytechnic College	1
53	Mother Terasa College of Engg And Technology	3
54	Murugesan Institute Of Technology	1
55	Muthayammal Engineering College	1
56	Nadar Saraswathi College Theni	4
57	Nandha Arts And Science College, Erode	1
58	Nandha Engineering College	9
59	Nehru College of Management	1
60	Noida Institute of Engg And Tech Greater Noida	1
61	Parisutham Institute Of Technology And Science	2
62	Pragati Engineering College	2
63	Psna College of Engg And Technology	9
64	R C Patel Institute Of Technology	1
65	Pt. Ddu Rajkeey Ashram Inter College, Deoria. U.P.	1
66	Rajalakshmi Engineering College	3
67	Rajiv Gandhi College of Engg Tech	1
68	Rajkiya Engineering College, Kannauj	1
69	Rmk College Of Engineering And Technology	1
70	S A Engineering College	2

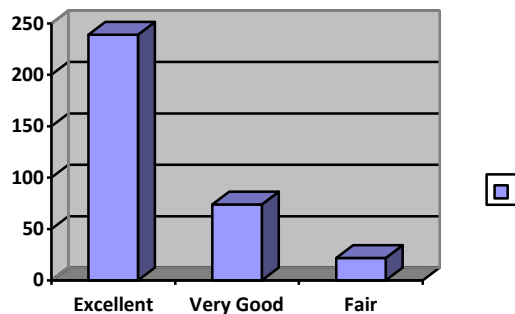
71	Sanjivani College Of Engineering Autonomous	2
72	Saranathan College of Engineering	4
73	St.Peter's Institute of Higher Education And Research	6
74	Surya Engineering College, Erode	1
75	Syed Ammal Engineering College, Ramanathapuram	1
76	Tagore Institute Of Engineering And Technology	5
77	Tamil Nadu Teachers Education University, Chennai.	1
78	Thandai Periyar Government Institute Of Technology	2
79	The Kavery Engineering College	1
80	Thiagarajar Polytechnic College	2
81	Trichy Engineering College	1
82	Uce Pattukkottai,Rajamadam	1
83	Vel Tech R&D Institute Of Science And Technology	1
84	Velammal Institute of Technology, Chennai 601204	1
85	Vignan's Institute Of Information Visakhapatnam	1
86	Velalar College of Engineering And Technology	2
87	VIT	2
88	Vsvn Poly College, Virudhunagar	1
89	Sastra Deemed To Be University	6
90	Scad College Of Engineering And Technology	4
91	Shri Mata Vaishno Devi University	16
92	Sir Issac Newton College	2
93	Sree Chaitanya College of Engg	2
94	Sree Rama Engineering College -Tirupati	1
95	Sree Sevugan College ,Devakottai	3
96	Sri S Ramasamy Naidu Poly Sattur	2
97	Sri S. Ramasamy Naidu Memorial Poly College Sattur	1
98	Sri Sairam Engineering College,	2
99	Sri Satya Sai University of Tech & Medical Sciences	1
100	Sri Venkateswaraa College	1
101	Srm Trp Engineering College	3
102	St. Joseph's Institute Of Technology	8
103	St.Peter's Institute of Higher Education And Research	6
104	St.Xavier's College, Palayamkottai	1
105	Surya Engineering College, Erode	2
106	Swarnandhra College Of Engg. Tech.	1
107	Syed Ammal Engineering College, Ramanathapuram	1

108	Tagore Institute Of Engineering And Technology	2
109	Tamil Nadu Teachers Education University, Chennai.	1
110	Thandai Periyar Government Institute Of Technology	1
111	Thanthai Roever Arts And Science College	1
112	The Kavery Engineering College	1
113	Thiagarajar Polytechnic College	1
114	Trichy Engineering College	2
115	Uce Pattukkottai,Rajamadam	1
116	Vel Tech R&D Institute Of Science And Technology	2

Feedback questions and responses

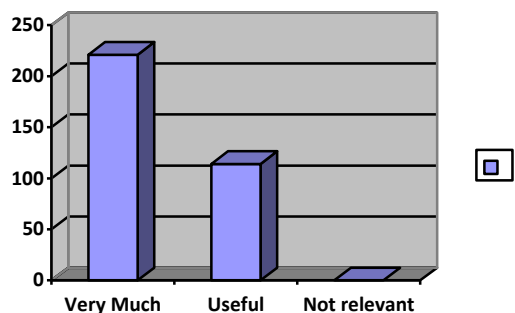
1. How satisfied were you with the session content?

Excellent	Very Good	Fair
239	74	22



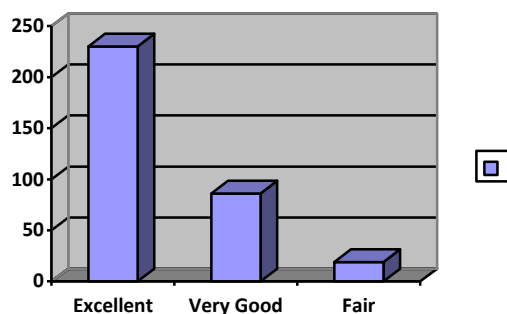
2. How relevant and helpful do you think it was for your job?

Very Much	Useful	Not relevant
221	114	0



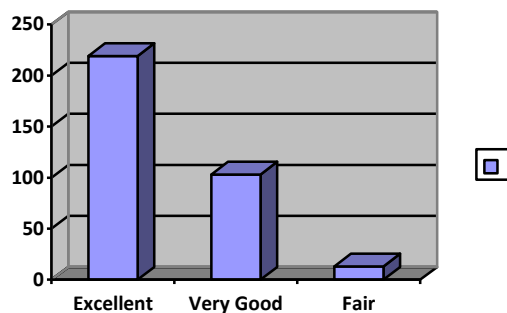
3. How satisfied were you with the session Video and Audio streaming?


Excellent	Very Good	Fair
230	86	19





4. Overall feedback for the event?

Excellent	Very Good	Fair
219	103	13




Coordinator
 (Mr.S.Sabanayagam)


HOD/Mechanical
 (Dr.T.Pushparaj)


Principal
 (Dr.J.Arputha Vijaya Selvi)



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

This is to inform, that our department is going to conduct a **national level technical symposium in mechanical Mech-O-Drone 2020** on **01.10.2020**, the in-charges for various activities of symposium has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the symposium.

A handwritten signature in blue ink, appearing to be 'SPD' followed by a flourish.

Coordinators

A handwritten signature in blue ink, appearing to be 'T. Puthiy' followed by a flourish.

Head of the Department



NATIONAL LEVEL TECHNICAL E-SYMPOSIUM

MECH ‘O’ DRONE ‘2020

01st OCTOBER 2020

PROCEEDINGS

Organized by

Department of Mechanical Engineering
Kings College of Engineering

Punalkulam-613303, Pudukkottai Dt.

Website: www.kingsindia.net

AGENDA

Inauguration		VENUE : ONLINE MODE
10.00 am	Welcome address – Dr.T.Pushparaj, HOD/ Mech	
10.10 am	Introduction of Chief Guest – Dr.D.JEYASIMMAN by Mr.R.Shankar	
10.15 am	Keynote Address by Dr.D.JEYASIMMAN	
10.35 am	Tea Break	
11.00 am	Presentation Session – I	
1.00 pm	Lunch Break	
1.45 pm	Presentation Session - II	
3.10 pm	Tea Break	
Valedictory		
3.30 pm	Symposium Report by – Mr.S.Desikan	
3.45 pm	Vote of Thanks – Mr.M.Sakthivel	

**Dr.R.Rajendaran,
SECRETARY**

Ref: KCE / Secretary/ Sympo-Message/20-21

28.09.2020



Message

It is indeed awesome that the Department of Mechanical Engineering is organizing a National level Technical e-Symposium (**MECH 'O' DRONE '2020**) on 01ST OCTOBER, 2020.

The symposium aims at bringing researchers, academicians, and practicing engineers on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational method in energy and manufacturing scenario. I am confident that it would be really essential to chip in discussions on technology and would serve the society with a fruitful end result in future.

I am in no doubt that the symposium will be successful and I would like to express my sense of gratitude to the organizing chair, the organizing secretaries, the faculty members, and students for excellent work and I wish to give a warm welcome to the delegates to grace the Juncture with scintillating success.

Best wishes

Regards

**Dr.R.Rajendaran
Secretary**



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr. J. Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL / Sympo-Message/20-21

27.09.2020

MESSAGE



On behalf of the Organizing Committee, I feel happy to invite you to the National Level Technical e-Symposium “**MECH ‘O’ DRONE 2020**” on 01st October, 2020, organized by the Department of Mechanical Engineering.

Mechanical Engineering is one of the broadest engineering disciplines and is notable for its versatility. As a result of new technological developments, this field has undergone a remarkable transformation. Hence, the emerging research issues in the design & production of mechanical systems are to be focused and addressed.

I congratulate the members of various committees and I wish them best for their successful conduct of the e-symposium. I appreciate their efforts in providing a virtual platform for dissemination of innovations, discussion on recent trends and establishing collaboration in the promising fields of Mechanical Engineering to the participants. I am sure, this Symposium will be a great success & everyone will benefit from it.

I wish all the participants a great success in their endeavors.

Regards

Dr. J. Arputha Vijaya Selvi
Principal



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

**Dr.S.Sivakumar, M.Tech., Ph.D.,
VICE PRINCIPAL**

Ref: KCE / VP/ Sympo-Message/20-21

25.09.2020



MESSAGE

It is indeed pleasure to note that, the association of Mechanical Engineering department is organizing a National level technical e-symposium (**MECH 'O' DRONE '2020**) on 01ST OCTOBER, 2020. It is appreciated that, this symposium has always attracted participants from various institutions and throws lights on various upcoming techniques pertaining to the Mechanical Engineering domains. I congratulate the efforts made by the students, faculty members of Mechanical engineering department and the Head, for their efforts and wish them a successful event.

Best wishes

Regards

Dr.S.Sivakumar

Vice Principal



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr.T.Pushparaj
HOD /Mechanical

Ref: KCE/HOD/MECH/sympo-Message/20-21

28.09.2020



MESSAGE

Welcome to Kings College of engineering, punalkulam.

On behalf of the Mechanical Engineering department, I am delighted to welcome all the participants, for national level technical e-symposium (**MECH 'O' DRONE '2020**) on 01ST OCTOBER, 2020. Expansion of knowledge takes place when the intellectuals come together and exchange their ideas and experiences in a common forum like conferences, journal publications and symposium. It will give participants a platform to exchange ideas, discover novel opportunities, reacquaint with colleagues, meet friends, and broaden their knowledge.

I hope that, you will find the National Level Technical Symposium and your stay in Kings College of Engineering both valuable and enjoyable. I congratulate all the participants of the **MECH 'O' DRONE '2020**. I believe this national level technical symposium will be a great success and everyone will benefit it from it.

With open arms and warm regards, we look forward to welcoming you **MECH 'O' DRONE**.
Thank you

Regards

Dr.T.Pushparaj
HOD-MECH



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr.D.JEYASIMMAN

Associate Professor & Head,
Department of Mechanical Engineering,
Periyar Maniammai Institute of Science & Technology
Vallam - 613403.



MESSAGE

I am extremely glad to note that the Department of Mechanical Engineering, Kings College of Engineering is Organizing ***MECH 'O' DRONE 2020*** A National Level Technical e-Symposium on 01st October 2020.

I am sure that interaction between the students from various parts of the country is sharing the knowledge and latest developments in the field.

I wish a great success for the Symposium which will provide the platform for exchanging scientific ideas.

I'm happy to see that the symposium has received overwhelming response all over India. I take this opportunity to congratulate the organizing committee, supporting staff and delegates for the initiative and wish a grand success for the ***MECH 'O' DRONE 2020***.

Thank you

Regards

Dr.D.JEYASIMMAN

LIST OF ARTICLES

S001	E.SANTHOSH, ANALYSIS OF PERFORMANCE AND EMISSION CHARACTERISTICS FOR CUCURBITA PEPOL AND TECTONA GRANDIS SEED OIL BIODIESEL BLENDS USING CI ENGINE
S002	FL.LIBIN, ENERGY AND ECONOMIC ANALYSIS OF PRODUCER GAS OPERATED PADDY DRYER
S003	R.S.GOPAL, EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPERTIES OF BIO COMPOSITE MATERIALS
S004	R.DHANUSH KUMAR, NANO TECHNOLOGY IN CONSTRUCTION MATERIALS
S005	K.MANIMARAN, ARTIFICIAL INTELLIGENCE
S006	R.MOHD YASIN SHERIFF, MECHANICAL PROPERTY AND CHARACTERISATION OF SISAL FIBER NATURAL COMPOSITE MATERIAL
S007	ENOCH EBENEZER P, ENHANCING THE POWER OF THE ENGINE
S008	KABILAN.S, ROBOT BASED FOREST FIRE DETECTION AND EXTINGUISHER SYSTEM
S009	VENKATESWAN A, INFLUENCE OF MRR AND SURFACE ROUGHNESS IN TURNING OF AL-6061 USING GREY THEORY
S010	S.PRAVEEN KUMAR, TAGUCHI DOE BASED INVESTIGATION OF MACHINING PARAMETERS IN CNC TURNING ON EN 8 STEEL
S011	S.PRASANTH, PERFORMANCE & EMISSION CHARACTERISTICS OF COTTON SEED OIL METHYL ESTER IN DIESEL ENGINE
S012	SUDIPTA ADHIKARY, CHARACTERIZATION OF PALM OIL METHYL ESTER AND ITS EMULSION ON LUBRICATION
S013	B. PRAGADESHWARAN, A HEURISTIC MODEL PROJECT SCHEDULING TO MINIMIZE THE MAKE SPAN
S014	R.ARAVINDA SAMY, POWER UTILIZATION USING ELECTRO-KINETIC ROAD RAMP
S015	J.AUGUSTINE ALBERT, CHARACTERIZATION OF WELDED JOINTS FOR DISSIMILAR ALUMINUM ALLOYS
S016	DHIPAKUMAR.R, INVESTIGATION OF SURFACE FINISH & MACHINING TEMPERATURE GENERATED IN TURNING OF LEAD ALLOY
S017	BD.SENTHAMIL ARASU, SYNTHESIZING AND CHARACTERIZATION OF COPPER MATRIX COMPOSITES
S018	SREERAJAGURU.M, EVALUATION OF ELECTRICAL DISCHARGE MACHINING PARAMETERS USING GENETIC ALGORITHM TECHNIQUE
S019	ASHIN K SUNNY, EXPERIMENTAL AND FE ANALYSES OF GFRP AND KEVLAR COMPOSITE PLATE
S020	ABDULLAH.S, ANALYSIS OF FATIGUE BEHAVIOUR IN FABRICATED GLASS FIBER REINFORCED COMPOSITES



A National Level Technical E-Symposium

(MECH 'O' DRONE 2020)

01st OCTOBER 2020

SYMPOSIUM REPORT

Organized by

**Department of Mechanical Engineering
Kings College of Engineering
Punalkulam – 613303,
Pudukkottai Dt.**

SYMPOSIUM REPORT

Mechanical Engineering Association (MEA) of Mechanical Engineering Department, Kings College of Engineering organized one day National Level Technical E-Symposium “**MECH ‘O’ DRONE 2020**” on 01st October 2020 for the Mechanical Engineering students.

The entire function was conducted through Google Meet online platform. A very good technical support was rendered by Student Organizers R.Mohd Yasin Sheriff and D.Thiruppugazh from final year Mechanical Engineering with a team of student volunteers.

LIST OF CO-ORDINATORS

S.NO	EVENT NAME	STAFF CO-ORDINATORS	STUDENT CO-ORDINATORS	YEAR
1	PAPER PRESENTATION	Dr.P.P.SHANTHARAMAN Mr.J.RAJAPARTHIBAN	S.KABILAN	IV MECH-A
			RUBAN.S	IV MECH-B
			R.KARTHIKEYAN	III MECH
			PRIYADHARSAN L	II MECH
2	CONNECTIONS	Mr.S.SABANAYAGAM	S.ABBAS MOHAMMED	IV MECH-A
			SENTHAMIL PRIYAN B D	IV MECH-B
			S.SURYA	III MECH
			R.KISHORE	II MECH
3	TECH QUIZ	Mr.B.RAM VIGNESH	P.ENOCH EBENEZER	IV MECH-A
			DINESH E	IV MECH-B
			S.TAMILARASAN	III MECH
			S.DEEPANRAJ	II MECH
4	PHOTO FEST	Mr.S.KARTHI	D.MADHESH	IV MECH-A
			SENTHAMIZSUDAR K	IV MECH-B
			FAZIL AHAMED.S	III MECH
			P.GUNAL	II MECH

The inaugural session of **MECH ‘O’ DRONE** was started with the welcome address by Dr.T.PUSHPARAJ, Head of the Department, who explained about the significance of that meeting and Mr.R.Shankar, AP/Mech introduced the chief guest Dr.D.Jeyasimman, Head of the Department, Department of Mechanical Engineering, Periyar Maniammai Institute of science and Technology, Vallam was the chief guest and he delivered special address to the participants.

EVENT NO 1: PAPER PRESENTATION:

The paper presentation was organized by the student members. Dr.PP.Shantharaman, ASP/Mech and Mr.J.Rajaparthiban, AP/Mech acted as Juries for this event. 30 papers from various institutions were scrutinized and selected for presentation. The list of prize winners in paper presentation are given below

Sno	Name of the student	College belong to	Place
1	FL. Libin	University College of Engineering, Nagercoil	I
2	E.Santhosh	Parisutham Institute of Tech & Science, Thanjavur	II
3	R.Mohd Yasin sheriff	Kings college of Engineering, Thanjavur	III

Screenshots of the event

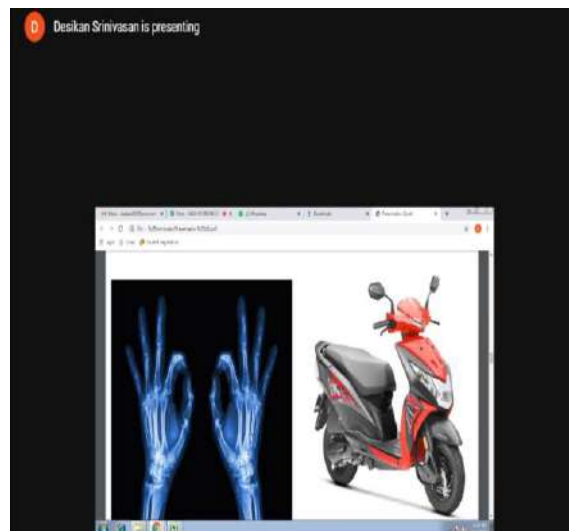
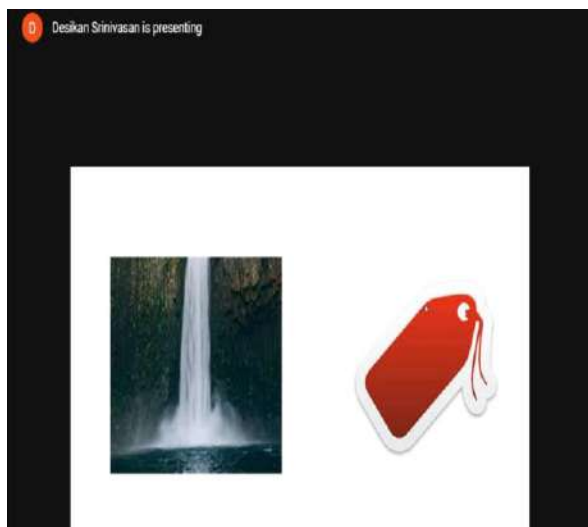


EVENT NO 2: CONNECTIONS:

The connections event was organized by student members and coordinated by Mr.S.Sabanayagam, AP/Mech and Mr.S.Desikan, AP/Mech. In this event 28 students from 6 colleges participated. Event was successfully completed. Depending upon their merits the following Students were awarded prizes

SNo	Team	Name of the Student	Place Obtained
1	Team 4	Syed Usman Ali M	I place
2		Vigneshwaran J	
3		Kabilan S	

Screenshots of the Event:



EVENT NO 3: PHOTO FEST:

The Photo fest event was organized by Mr.S.Karthi, AP/Mech with 18 students from various Institutions on the topic of “Machine & Men”. List of winners are as follows

Sno	Name of the student	College belong to	Place
1	G.Aakash	Arasu Engineering College, Kumbakonam	I
2	L.Priyadharsan	Kings college of Engineering, Thanjavur	II
3	M.Ramkumar	Kings college of Engineering, Thanjavur	III

Winning photo on the title “Machine & Men”



EVENT NO 4: TECHNICAL QUIZ:

The Technical quiz event was conducted by Mr.B.Ram Vignesh, AP/Mech about 39 students from various institutions actively participated in this event. The list of prize winners are given below

Sno	Name of the student	College belong to	Place
1	Jovin Chacko	Jawaharlal college of Engineering & Tech, Palakkad	I
2	Manimaran K	Ayya Nadar Janaki Ammal College, Sivakasi	II
3	M.S Taha Yaseen Salih	University of Anbar, Iraq	III

VALEDICTION

The National Level Technical Symposium “MECH ‘O’ DRONE 2020” came to an end with the valedictory function at 3.00 pm on the same day. Dr.T.PUSHPARAJ HoD/MECH, delivered valedictory address. Mr.S.Desikan, AP/Mech summarized the symposium report and announced the winners in the technical events. Finally Mr.M.Sakthivel, AP/Mech delivered the vote of thanks and the function was successfully completed with National Anthem.

Symposium poster

01ST OCT 2020

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COLLEGE OF ENGINEERING
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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

Department of Mechanical Engineering
Proudly Presents
NATIONAL LEVEL TECHNICAL E-SYMPOSIUM
MECH 'O' DRONE 2020

TECH EVENTS:

- PAPER PRESENTATION
- TECHNICAL QUIZ

REGISTRATION LINK: <https://forms.gle/msqY1qTFW6f79s698>

NON TECH EVENTS:

- CONNECTIONS
- PHOTO FEST

FREE REGISTRATION

S.Desikan, AP/Mech, ORGANIZER - 9578098943
M.Sakthivel, AP/Mech, ORGANIZER - 9791521437

FOR QUERIES:
R.Mohd Yasir Sherif, Student Organizer - 9790153350
D.Thiruppugazh, CO-Organizer - 9952582338

Dr.T.Pushparaj, ME., Ph.D.,
HoD/MECH

Sample certificate



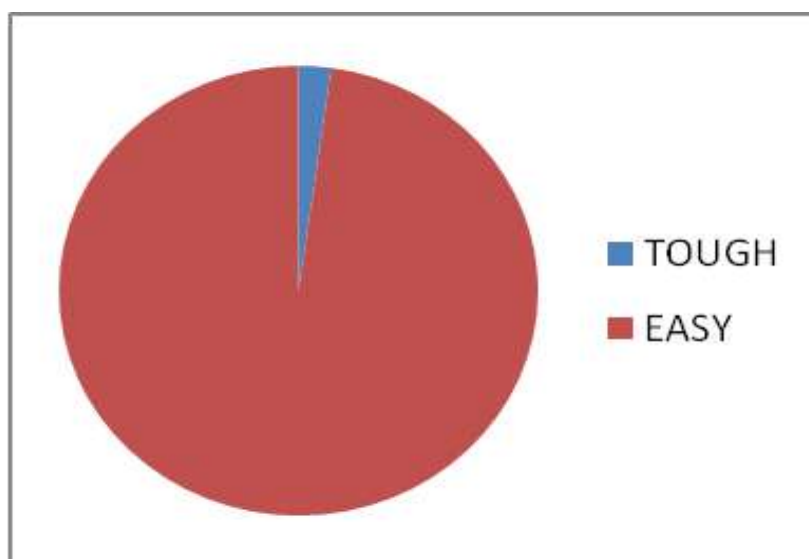
List of Institutions Participated with Students count

Sno	Name of the college	Count
1	ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE, TIRUVARUR	2
2	ANNA UNIVERSITY, VILLUPURAM	2
3	ANNAI COLLEGE OF ENGG & TECH, KUMBAKONAM	2
4	JAWAHARLAL NEHRU COLLEGE OF ENGG & TECH, PALAKKAD	1
5	ARASU ENGINEERING COLLEGE, KUMBAKONAM	4
6	AYYA NADAR JANAKI AMMAL COLLEGE, SIVAKASI	1
7	UNIVERSITY OF ANBAR, IRAQ	1
8	DHANALAKSHMI SRINIVASAN INSTITUTE OF TECHNOLOGY, PERAMBALUR	1
9	HARINGHATA MAHAVIDYALAYA, WEST BENGAL	1
10	KALASALINGAM INSTITUTE OF TECHNOLOGY, SRIVILLIPUTHUR	2
11	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY, TRICHY	1
12	MIET ENGINEERING COLLEGE, TRICHY	2
13	NANDHA ENGINEERING COLLEGE, ERODE	1
14	PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE, THANJAVUR	3
15	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY,	1

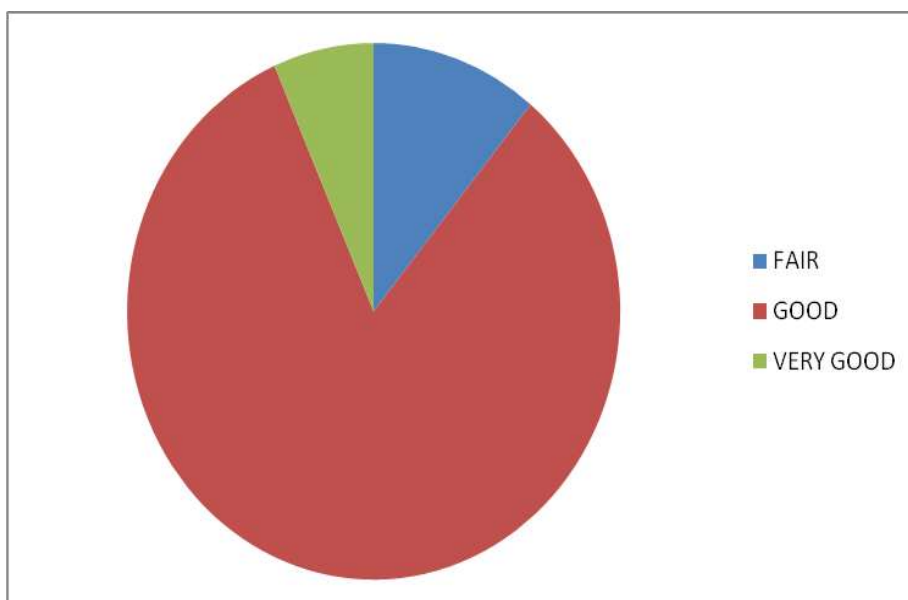
	VALLAM	
16	RAJALAKSHMI INSTITUTE OF TECHNOLOGY, CHENNAI	1
17	SRM INSTITUTE OF SCIENCE & TECH, CHENNAI	1
18	UNIVERSITY COLLEGE OF ENGINEERING NAGERCOIL	2
19	VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, KERALA	1
20	VIVEKANANDA COLLEGE OF ENGINEERING & TECHNOLOGY, KARNATAKA	1
	EXTERNAL PARTICIPANTS TOTAL	31
21	KINGS COLLEGE OF ENGINEERING	60
	TOTAL	91

Feedback from the participants

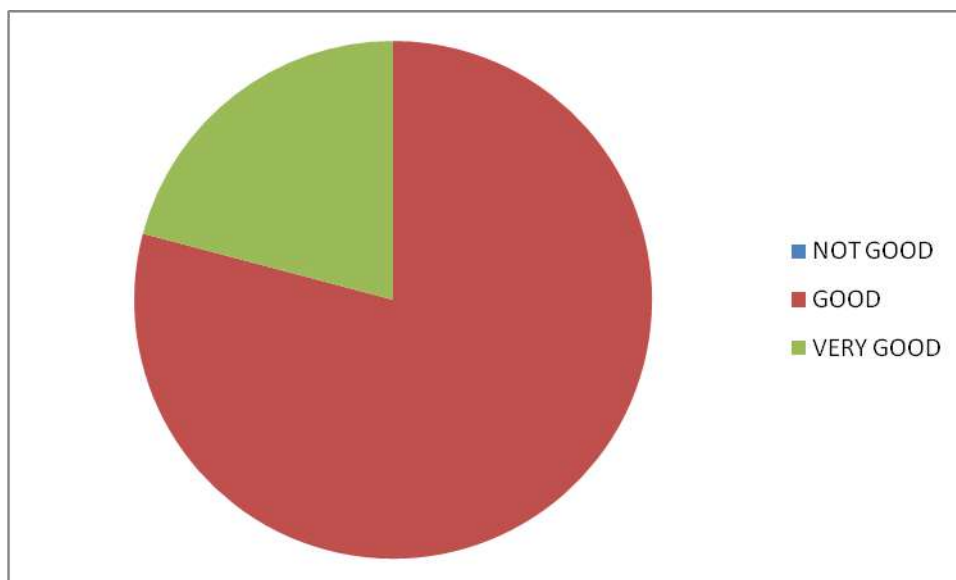
1. How do you feel about the registration process?



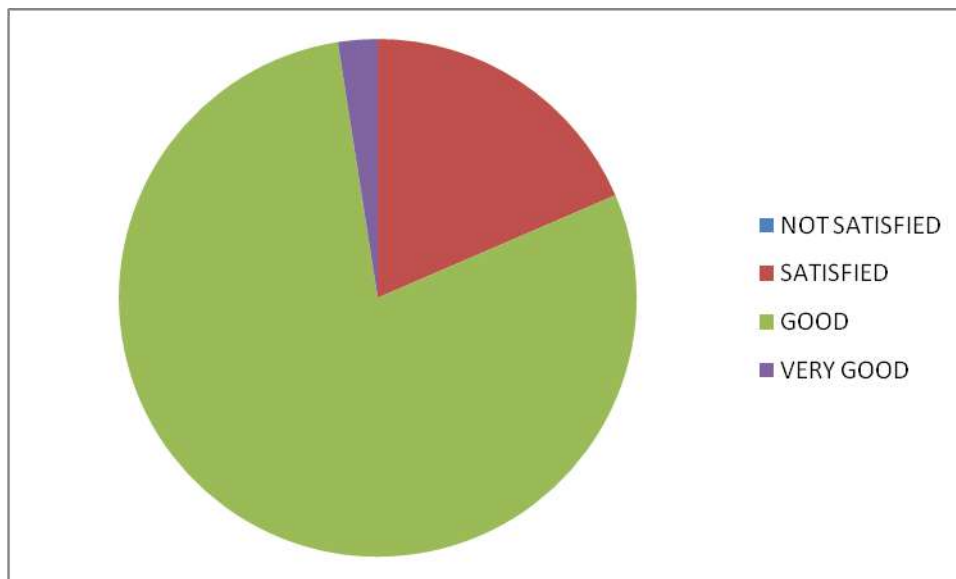
2. What is your opinion about the content of the papers presented?



3. What do you feel about the quality of audio and visual feed throughout the online programme?




4. Your opinion about overall progress of this event.



All the events have been recorded and published in college YouTube channel with running time of 60 minutes. The YouTube link is: <https://youtu.be/nehbOIMsM2E>


Staff Co-ordinator


Head of the Department



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

08.06.2020

We are planning to conduct a National Level Webinar on “**Recent Trends in Automotives**” in our department through our College YouTube Channel on 10.06.2020 (11.00am to 12.30pm). The students are asked to attend the Webinar and get the experience from well versed resource person.

Note:

The staff members requested to attend the workshop on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
10/06/2020 (11.00am to 12.30pm)	Recent Trends in Automotives	Mr. M. Sathishkumar Senior System Engineer, Continental Automotives, Singapore.	College YouTube Channel

College YouTube Channel:

https://www.youtube.com/channel/UCv_wHZyT-Nxxc4rbXBiciaw

T. Rukhmi

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

Agenda

08.06.2020

S. No	Time	Particulars
1	11.00 am to 11.05 am	Welcome Address
2	11.05 am to 11.10 am	Chief Guest Introduction
3	11.10 am to 12.20 pm	Webinar by Chief Guest
	12.20 pm to 12.25 pm	Queries
5	12.25 pm to 12.30 pm	Feedback & Vote of Thanks

Note: e-Certificate will be dispatched to the participants after getting feedback from the participants through Google Form.

T. Rukhmi

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2019-20 / EVEN SEMESTER

WEBINAR REPORT

The Department of Mechanical Engineering and Dr. A. P. J Abdul Kalam Memorial Foundation had jointly organized a National level webinar through online mode on “**Recent Trends in Automotives**” on **10.06.2020** at **11.00 a.m. to 12.30 p.m.** Welcome address was given by **Dr. P. P. Shantharaman**, Professor / Mechanical, Kings College of Engineering.

Resource person **Mr. M. Sathish Kumar**, Senior System Engineer, Continental Automotives, Singapore, was introduced by **Dr. P. P. Shantharaman**, Professor/Mechanical, Kings College of Engineering. The resource person had given the lecture on “**Recent Trends in Automotives**”. In his lecture, he explained about the various concepts of current Automotive systems such as Engine Ignition Systems, Types of vehicles (Hybrid, Electric and Gasoline), Automated door opening and closing system, Headlights and its customization and various additional features of current trends.

In this webinar, **343** participants in **153** colleges have been registered from various institutions. Among these, **140** participants from various Engineering College, polytechnic college and Arts College have attended the webinar. Vote of thanks was given by **Mr. S. Sabanayagam**, AP/Mechanical. Kings College of Engineering.

All the attended participants gave their feedback after the session and E-certificate have been sent to them through email.

Webinar Brochure

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Affiliated to Anna University, Chennai

19th Year of Academic Excellence

**Department of Mechanical Engineering
&
Dr. A. P. J Abdul Kalam Memorial Foundation
Presents**

**WEBINAR ON
"RECENT TRENDS IN AUTOMOTIVES"**

On 10-06-2020 | Wednesday @ 11:00 AM

Resource Person
Mr. M. Sathish Kumar
System Engineer,
Continental Automotive,
Singapore

E-Certificate will be provided

Co-ordinators
Dr. P. P. Shanitharaman, Assoc. Prof/Mech
+91-9944076044
Mr. S. Sabanayagam, Asst. Prof/Mech
+91-9443226702
Mr. S. Desikan, Asst. Prof/Mech
+91-6380356560

Last Date for Registration
09-06-2020

Registration Link
<https://forms.gle/GoWWy4QaEo4eLwu6>

***Meeting Link will be shared through mail**

<https://www.facebook.com/KingsCollegeofEngineering/>

SCAN ME

Participation Certificate – Sample Copy

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Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai

19th Year of Academic Excellence

Certificate of Appreciation

This is to Certify that
KARTHIK G of
Mookambigai College of Engineering

has participated in the Webinar on "Recent Trends in Automotives", presented by our Alumni, Mr. M. Sathish Kumar, System Engineer, Continental Automotive, Singapore, organized by Department of Mechanical Engineering & Dr. A. P. J Abdul Kalam's Memorial Foundation, Kings College of Engineering, Palakkulam on 10-06-2020.

KCE-MEC-WEB 3-20200610008

Coordinator
Dr. P. P. Shanitharaman

SDO
Dr. T. Padmaraj

Principal
Dr. J. Arpuka Vijaya Sathi

List of Attended Participants

S.No	Name of institute/Organisation	Number of participants
1	6230 TAGORE INSTITUTE OF ENGINEERING AND TECHNOLOGY, Attur	1
2	A B I T Institute Of Technology	1
3	A.B.I.T. Polytechnic. Shendre, Satara.	1
4	A.R.J College of Engineering and Technology	2
5	A.V.C.COLLEGE OF ENGINEERING	1
6	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY	7
7	Aalim Muhammed Salegh College of Engineering	1
8	Academy of Maritime Education and Education (AMET), Deemed to be University	4
9	ACS COLLEGE OF ENGINEERING, BANGALORE-74	1
10	Adarsha institute of technology and research centre vita Khanapur Dist Sangli	1
11	Aditya Engineering College	1
12	ADM COLLEGE FOR WOMEN AUTONOMOUS	1
13	AIHT	1
14	AITRC Vita	5
15	AITSR	1
16	Alpha College of Engineering and Technology	1
17	Amet university	1
18	Anand Institute of Higher Technology	2
19	Andhra University College of Engineering (A)	1
20	Anil Neerukonda Institute of Technology and Sciences	1
21	Anjalai Ammal Mahalingam Engineering College	1
22	Anna university	1
23	Anna University College of Engineering Thirukkuvalai 610204	1
24	Annamacharya institute of technology and sciences, Rajampet	3
25	Annamalai University	2
26	ARASU ENGINEERING COLLEGE	3
27	Arifa Institute Of Technology	1
28	Arts science and commerce college Kolhar	1
29	ARULMIGU KALASAKLIGAM POLYTECHNIC COLLEGE,KRISHNAKOIL,VIRUDHUNAGAR.	1
30	As-salam college of engineering and technology	1
31	AVS COLLEGE OF TECHNOLOGY	4
32	B.V.P.I.T. (D.S.), UMRAXH, BARDOLI, SURAT, GUJARAT	1
33	Baba Institute of technology and science	1
34	Balas Al-Wataniya Gen.Trad.Cont.Co	1
35	BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHYAMANGALAM-638401	5
36	Basaveshwar engineering college Vidyagiri Bagalkot	8
37	BASVESHWAR ENGINEERING COLLEGE BHAGALKOT	1

38	Bharathi women's college (A), chennai-108	1
39	Birajdar Institute	1
40	BIT	1
41	BIT, Sathyamangalam	1
42	Brahma valley COERI Nashik	1
43	Butler Polytechnic Vadodara	1
44	BVPIT(DS),UMRAKH, BARDOLI	2
45	CALCUTTA INSTITUTE OF TECHNOLOGY	1
46	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY	1
47	Chennai Institute of Technology	1
48	College of Fisheries Engineering	1
49	Cusrow Wadia institute of technology	2
50	Department of mechanical engineering gct	1
51	Dhanalakshmi srinivasan college of art and science for Women Autonomous	1
52	Dhanalakshmi Srinivasan engineering college	1
53	Dhanalakshmi srinivasan institute of technology	1
54	Dr. Mahalingam College of Engineering and Technology	1
55	Dr.Kalam polytechnic college	1
56	EGS PILLAY ENGINEERING COLLEGE	10
57	Er.perumal manimekalai college of engineering	5
58	Faculty of Engg & Tech, Annamalai University	1
59	G H Patel College of Engineering & Technology	1
60	Ganadipathy tulsi's Jain engineering college. Vellore	1
61	GEC VALAD	1
62	Geetanjali institute of technical studies dabok Udaipur	1
63	GH raisoni College of engineering nagpur	1
64	GITS Udaipur	1
65	Government College of engineering,sengipatti, Thanjavur	8
66	Government college of technology coimbatore	1
67	Government Engineering College Valsad	1
68	Government Polytechnic, Jalgaon	1
69	GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY,TIRUTTANI	2
70	Holy Mary Institute of Technology and Science Hyderabad	1
71	HR INTITUTE OF TECHNOLOGY, GHZ	1
72	ICICI BANK LTD	1
73	IEST SHIBPUR	1
74	Infant Jesus College Of Engineering	1
75	INSTITUTE OF MANAGEMENT SCIENCES UNIVERSITY OF LUCKNOW	1
76	Jaishri Ram Engineering college	6
77	JAWAHARLAL COLLEGE OF ENGINEERING AND TECHNOLOGY	1
78	Jeppiaar Engineering College	3
79	K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY	2
80	Karpagam Academy of Higher Education	1

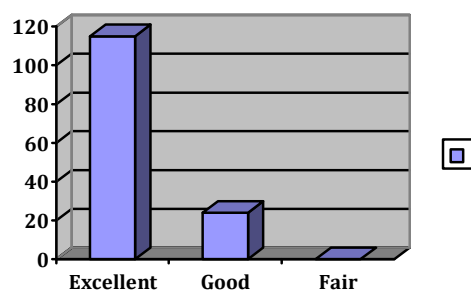
81	Karpagam institute of technology	1
82	KIIT Deemed to be University	1
83	Kings College of Engineering,,	82
84	KISHORI RAMAN PG COLLEGE MATHURA	1
85	KLN COLLEGE OF ENGINEERING, POTTAPALAYAM	1
86	Kongu Arts and Science College (Autonomous)	2
87	Kongu engineering college	2
88	KSKCET	1
89	L. S. Raheja College of Arts and Commerce	2
90	LNMU Darbhanga	2
91	Lord Jegannath College of Engineering and Technology	1
92	Madurai institute of technology	1
93	M.A.M.COLLEGE of ENGINEERING and TECHNOLOGY	2
94	M.A.M.SCHOOL OF ENGINEERING	5
95	Mahant Bachittar Singh College of Engineering and Technology Jammu	2
96	Mahendra Engineering College	1
97	Mahendra Institute of Engineering and Technology	1
98	Mam school of Engineering	1
99	Manikandam college of engineering	1
100	Maratha Mandal Engineering College	1
101	MOHAMED SATHAK ENGINEERING COLLEGE	2
102	Mookambigai College of Engineering	2
103	Motherterasa Polytechnic College, Illupur	4
104	muthayammal engineering college	2
105	NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY	1
106	NVPEMI Kanpur	1
107	P E S INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVMOGGA	1
108	P.K.R ARTS COLLEGE FOR WOMEN	1
109	Parisutham institute of technology and science	3
110	PES Institute of Technology & Management	1
111	PESITM SHIVAMOGGA	1
112	Ponnaiyah Ramajayam Polytechnic College	1
113	Prof. Ram Meghe College of Engineering and Management Badnera	1
114	PSN COLLEGE OF ENGINEERING AND TECHNOLOGY	11
115	Rajalakshmi Engineering College	1
116	RkGIT, ghazibad	1
117	RV Institute Of Technology and Management	6
118	S V R ENGINEERING COLLEGE	1
119	SAMS COLLEGE OF ENGINEERING AND TECHNOLOGY	1
120	Sarah Tucker college	1
121	SASTRA DEEMED UNIVERSITY	2
122	SEMBODAI RUKMANI VARATHARAJAN ENGINEERING COLLEGE	1
123	Seshasayee institute of technology, trichy	1
124	Sigma Institute of Engineering , Vadodara	1

125	Smt. Premilatai Chavan Polytechnic, Karad	1
126	SONA COLLEGE OF TECHNOLOGY	1
127	Spm polytechnic kumathe	1
128	Sri krishna college of engineering and technology	1
129	Sri Manakula Vinayagar Engineering College	2
130	Sri Ramakrishna Polytechnic College	2
131	Sri Satya Sai University of Technology & Medical Sciences	1
132	SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY COIMBATORE 62	1
133	Sri Venkateswaraa college of Technology	2
134	SRM Institute of Science and Technology, Kattankulathur	2
135	ST.JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY THANJAVUR	2
136	SVR ENGINEERING COLLEGE	1
137	SYED AMMAL ENGINEERING COLLEGE	1
138	Tadipatri Engineering College	1
139	Tatva Institute of Technological Studies, Modasa	1
140	Thamirabharani engineering college	1
141	TRC Mahavidyalay	1
142	UNIVERSAL COLLEGE OF ENGINEERING AND TECHNOLOGY	1
143	University College of Engineering Pattukkottai,Rajamadam	1
144	USHA RAMA COLLEGE ENGINEERING & TECHNOLOGY	1
145	V.s.b college of engineering technical campus	1
146	V.V.P. Engineering College	1
147	Vaish college of engineering	1
148	Velammal Institute of Technology	2
149	Vellalar college for women	1
150	VIGNAN INSTITUTE OF SCIENCE AND TECHNOLOGY	7
151	VIVEKANANDA POLYTECHNIC COLLEGE, KUMMANGUDI	1
152	Wollega University, Nekemte, Ethiopia	1
153	YADAVRAO TASGAONKAR COLLEGE OF ENGINEERING AND MANAGEMENT	1

Feedback questions and responses

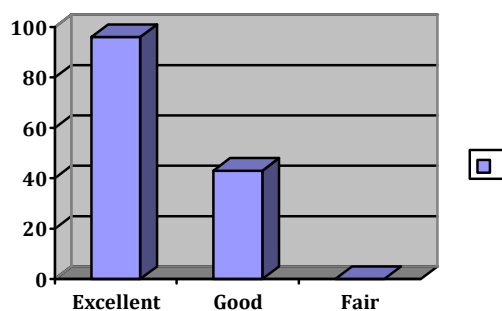
1. Content of the Program?

Excellent	Good	Fair
116	24	0



2. Quality of Audio/Video Streaming?

Excellent	Good	Fair
97	43	0



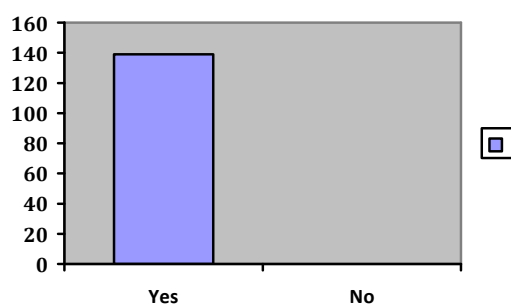
3. Way of Presentation?

Excellent	Good	Fair
114	26	0



4. Are you interested in future webinars in Kings?

Yes	No
140	0



Coordinator
(Dr.P.P.Shantharaman)

HOD/Mechanical
(Dr.T.Pushparaj)

Principal
(Dr.J.Arputha Vijaya Selvi)



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

27.02.2020

We are planning to conduct a Guest Lecture on "**Non-Destructive Testing**" in our department on 29.02.2020 (01.15pm to 03.00pm) at our CAD Lab. The students of III Year are asked to attend the Guest Lecture and get the experience from well versed resource person.

Note:

The staff members requested to attend the Guest Lecture on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
29/02/2020 (01.15pm to 03.00pm)	Non-Destructive Testing	1. Mr.S.Gowtham Raj, Executive TETA Associate Trichy 2. Mr.S.Kumar, NDT Trainer, TETA Associate Trichy	CAD Lab

T. R. Raghav

HOD/MECH

DEPARTMENT OF MECHANICAL ENGINEERING

GUEST LECTURE ON NON DESTRUCTIVE TESTING

In our department Guest lecture was conducted in the topic of Non Destructive Testing (NDT) on 29.01.2020 between 1.15 p.m. and 3.00 p.m. at our CAD Lab. The resource person Mr. S. Gowtham Raj explained about NDT Principles, types and the importance of testing methods. He explained the recent methods available in NDT and job opportunities available in this same field. Totally 66 students from third year Mechanical Engineering participated and benefited. More number of students interacted with resource person and clarified their doubts

Resource Persons:

- 1. Mr.S.Gowtham Raj,**
Executive TETA Associate
Trichy
- 2. Mr.S.Kumar,**
NDT Trainer, TETA Associate
Trichy





The resource person explained about Various Techniques in NDT

Guest Lecture Outcomes:

- Gained the knowledge about NDT in the manufacturing processes.
- **Learned the concept and process of NTD using in the Industry.**
- **Understood the mechanism used in Advanced NDT.**
- **The students were able to distinguish the conventional NDT and Advanced NDT techniques.**



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

13.02.2020

We are planning to conduct a Guest Lecture on "**Lean Manufacturing**" in our department on 15.02.2020 (02.00pm to 04.30pm) at our Chera Hall. The students of III Year and IV Year are asked to attend the Guest Lecture and get the experience from well versed resource person.

Note:

The staff members requested to attend the Guest Lecture on their respective classes and ensure the attendance and discipline of the students.

Date & Time	Topic	Resource Person	Venue
15/02/2020 (03.00pm to 04.00pm)	Lean Manufacturing	Dr. S. Mahendran Asst. Professor & Head, Mechanical University College of Engineering, Thirukuvalai.	Chera Hall

T. Purushothaman

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

GUEST LECTURE ON LEAN MANUFACTURING

In our department, Guest lecture was conducted in the topic of Lean Manufacturing on 15.02.2020 between 2.00 p.m. and 4.30 p.m. at our Chera Hall. The resource person explained about Lean Manufacturing, Various Principles followed in Lean Manufacturing as well as the various industrial applications. Totally 131 students from second and third year Mechanical Engineering participated and benefited. More number of students interacted with resource person and clarified their doubts.

Resource Persons:

1. **Dr.S.Mahendran,**
Asst.Prof/Head,
Department of Mechanical Engineering,
UCE-Thiruikuvalai.





The resource person explained about Lean manufacturing concepts

Guest Lecture Outcomes:

- Gained the knowledge about the Lean Manufacturing.
- Learned the concept of the Lean Manufacturing tools.
- Understood the Lean methodology followed in Industries.
- The students were able to distinguish the conventional Manufacturing and Lean Manufacturing.

Office Bearers List for Mechanical Engineering Association / 2019-2020

President : Dr.T.Pushparaj, HOD/Mechanical

Vice-president : AFSHAL HUSSAIN.S- IV Mech-A

Secretary : SATHISH KUMAR.S-IV Mech-B

Joint Secretary :GOBIKRISHNAN.M - IV Mech-A

RAGHUL KANNA -III Mech-B

VENKATESH.M -III Mech

AKASH.R -II Mech

Treasurer : AJITH G.K -IV Mech –A

UGHAYANIDHI.J- IV Mech-B



Staff Incharge



HOD



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

This is to inform, that our department is going to conduct a **national level technical symposium in mechanical MECHANTRA'19** on **30.08.2019**, the in-charges for various activities of symposium has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the symposium.

A handwritten signature in blue ink, appearing to read 'R. Ghant', is positioned above the title 'Coordinators'.

Coordinators

A handwritten signature in blue ink, appearing to read 'T. Raghunath', is positioned above the title 'Head of the Department'.

Head of the Department



DEPARTMENT OF MECHANICAL ENGINEERING

From

R.Shankar

Assistant Professor

Kings College of Engineering

Punalkulam.

To

The Principal

Kings College of Engineering

Punalkulam.

Respected Madam,

Sub. To get permission for conducting symposium-reg.

The Mechanical Engineering Association(MEA) would like to conduct a National level symposium “**MECHANTRA’19**” for the students of Mechanical Engineering Department. It will be held on 30.08.2019(FRIDAY), at Chera Hall. This symposium is open to all students especially with final year students. The registration fee of Rs.200/person. We will give certificate for all participation. Please kindly give us permission to conduct symposium as well.

TOPIC : Technical symposium

TIME AND DATE :30.08.2019, 9.0 am -5.0 pm

VENUE : Chera hall

Thank you for your kind consideration.

Yours faithfully



**NATIONAL LEVEL TECHNICAL SYMPOSIUM
MECHANTRA '2019**

AGENDA

DATE: 30.08.2019

VENUE: CHERA HALL

10.00 am – 10.05 am	Prayer Song	
10.06 am – 10.11 am	Lighting the lamp	Dignitaries
10.12 am – 10.20 am	Welcome Address	S. Afshal hussain, Student President, IV year / Mechanical.
10.21 am – 10.25 am	Honoring the Chief Guest	Dr.R. Rajendran Secretary, KCE.
10.26 am – 10.35 am	Presidential Address	Dr.R. Rajendran Secretary, KCE.
10.36 am – 10.45 am	Special Address	Dr.J. Arputha Vijaya Selvi, Principal, KCE.
10.46 am – 10.50 am	Introduction to chief Guest	Dr.T.Pushparaj, Head/ Mechanical Department, KCE.
10.51 am – 11.10 am	Inaugural Address	Dr.G. Elatharasan, Head / Mechanical University College of Engineering,Pattukkottai.
11.11 am – 11.15 am	Release of Proceedings	Dignitaries
11.16 am – 11.30 am	Tea Break	
11.31 am – 1.15 pm	Session I	Technical events
1.16 pm – 2.00 pm	Lunch	
2.01 pm – 3.00 pm	Session II	Non Technical events
3.01 pm – 3.10 pm	Tea Break	
3.11 pm – 4.00 pm	Session II - continues	
4.01 pm – 4.15 pm	Valedictory function	
4.16 pm – 4.30 pm	Vote of thanks	M. Sathish kumar, Student Vice President, IV year / Mechanical.



**NATIONAL LEVEL TECHNICAL SYMPOSIUM 2019
(CIVIL & MECHANICAL)
AGENDA**

DATE: 30.08.2019

VENUE: CHERA HALL

10.00 Am – 10.05 Am	Prayer Song	
10.06 Am – 10.10 Am	Welcome Address	Dr.J. Arputha Vijaya Selvi, Principal, KCE.
10.11 Am – 10.15 Am	Lighting the lamp	Dignitaries
10.16 Am – 10.25 Am	Honoring the Chief Guest	Dignitaries
10.26 Am – 10.30 Am	Presidential Address	Dr.R. Rajendran Secretary, KCE.
10.31 Am – 10.41 Am	Proceedings Release	Dignitaries
10.41 Am – 10.45 Am	Introduction to chief Guest	Mrs.R .Revathi, Head/ Civil Department, KCE.
10.46 Am – 10.50 Am	Introduction to Guest of honor	Dr.T.Pushparaj, Head/ Mechanical Department, KCE.
10.51 Am – 11.00 Am	Inaugural Address	Dr.G. Elangovan, Dean /University College of Engineering, Thirukkuvalai.
11.01 Am – 11.10 Am	Special Address	Dr.G. Elatharasan, Head / Mechanical University College of Engineering, Pattukkottai.
11.11 Am – 11.15 Am	Felicitation	Dr. S. Sivakumar Vice Principal, KCE.
11.16 Am – 11.30 Am	Tea Break	
11.31 Am – 1.15 Pm	Session I	
1.16 Pm – 2.00 Pm	Lunch	
2.01 Pm – 3.00 Pm	Session II	
3.01 Pm – 3.10 Pm	Tea Break	
3.11 Pm – 4.00 Pm	Session II - continues	
4.01 Pm – 4.15 Pm	Valedictory	
4.16 Pm – 4.30 Pm	Vote of thanks	



DEPARTMENT OF MECHANICAL ENGINEERING

FUNCTION BUDGET

MECHANTRA'19

SYMPOSIUM BUDGET

(I) EXPECTED EXPENDITURE

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	judge	1*5000	5000
2.	Flex, poster	Flex-2 ,broucher-100	6,000
3.	Certificate	300*8	2,000
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		3,000
6.	Reception		1000
7.	Food		30,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
		Total	52,500

(II) EXPECTED INCOME

S.NO	CLASS	DETAILS	AMOUNT
1.	FINAL MECH-A	47*250	11,750
2.	FINAL MECH-B	41*250	10,250
3.	THIRD MECH	70*250	17,500
4.	SECOND MECH	60*250	15,000
5.			
6.			
7.		TOTAL	54,500



INCHARGE



HOD

DEPARTMENT OF MECHANICAL ENGINEERING

MECHANTRA'19

SYMPOSIUM EXPENSES

TOTAL COLLECTED AMOUNT:

1. Collected from students - 54,500/-
 2. Amount given by management - NIL
 3. Previous year balance amount - NIL/-
- TOTAL - 54,500/-**

EXPENSES

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	Resource person	1*5000	5,000
2.	Flex, poster	Flex-4 ,broucher-120	5,000
3.	Certificate	300*8	2,000
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		3,000
6.	Reception		1000
7.	Food		30,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
10.	shield		1500
11.	courier		950
12.	Welding, drilling machine		1,000
		Total	55,950

Balance - Nil



DEPARTMENT OF MECHANICAL ENGINEERING
REGISTERED PARTICIPANTS,
MECHANTRA'19

S.No	Name	College Name	Event
1.	V.THIRUMARAN	UNIVERSITY COLLEGE OF ENGINEERING ,THIRUKKUVALAI.	Paper presentation
2.	H.T.S.MOHAMED HALEELULLA	UNIVERSITY COLLEGE OF ENGINEERING ,THIRUKKUVALAI.	Paper presentation
3.	S P POOJA	CIPET-INSTITUTE OF PLASTICS TECHNOLOGY, CHENNAI	Paper presentation
4.	R.SRIHARAN	KINGS COLLEGE OF ENGINEERING,PUNALKULAM	Paper presentation
5.	R.AJAY	UNIVERSITY COLLEGE OF ENGINEERING ,THIRUKKUVALAI.	Paper presentation
6.	S.NARASIMMAN	UNIVERSITY COLLEGE OF ENGINEERING ,THIRUKKUVALAI.	Paper presentation
7.	V.SHANKAR GANESH	CIPET-INSTITUTE OF PLASTICS TECHNOLOGY, CHENNAI,	Paper presentation
8.	V.BALAJI &	CIPET-INSTITUTE OF PLASTICS TECHNOLOGY, CHENNAI,	Paper presentation
9.	S.MATHESHSIVATHARSHAN	CIPET-INSTITUTE OF PLASTICS TECHNOLOGY, CHENNAI,	Paper presentation
10.	S.DHEVARAJ	SIR ISSAC NEWTON ENGINEERING COLLEGE.	Paper presentation

S.No	Name	College	Event
12	N. EZHILARASAN	SIR ISSAC NEWTON ENGINEERING COLLEGE.	Paper presentation
13	C.PRASATH	BANNARI AMMAN COLLEGE , ERODE	Paper presentation
13	& R.RAGAVAN	BANNARI AMMAN COLLEGE , ERODE	Paper presentation
14	RITHISH MATHAVAN	BANNARI AMMAN COLLEGE , ERODE	Paper presentation
15	G.P.Chellasivam	V.S.B.Engineering College	Paper presentation
16	A.Jerold	V.S.B.Engineering College	Paper presentation
17	P.Loganathan	University college of Engineering,Pattukottai	Paper presentation
18	S.Michelraju	Paventhara Bharathdasan,Trichy	Paper presentation
19	S.Gopinath	V.S.B.Engineering College,Karur	Paper presentation
20	S.Dhanasekar	V.S.B.Engineering College,Karur	Paper presentation
21	S,Vinoth	V.S.B.Engineering College,Karur	Paper presentation

S.No	Name	College	Event
19	L.Nithishkumar	V.S.B.Engineering College,Karur	Paper presentation
20	K.Inthirajith	A.V.C. college of Engineering,	Paper presentation
21	S.Rajagopal	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation
22	D.Balaji	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation
23	N.T.Dheepan	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation
24	T.Saravanakumar	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation
25	B.Siranjeevi	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation
26	T.Arunkumar	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation
27	P.Saravanan	A.V.C. college of Engineering, Mayiladuthurai	Paper presentation

S.No	Name	College	Event
28	S.Rajaprabu	A.V.C. college of Engineering, Mayiladuthurai	Paper Presentation
29	A.Vignesh	A.V.C. college of Engineering, Mayiladuthurai	Paper Presentation
30	M.Barthiban	A.V.C. college of Engineering, Mayiladuthurai	Paper Presentation
31	M.T.Gagatheesan	A.V.C. college of Engineering, Mayiladuthurai	Paper Presentation
32	A.Aslamkhan	MIET College,Trichy	Paper Presentation
33	A.Christoper	MIET College, Trichy	Paper Presentation
34	S.Dhinakaran	MIET College, Trichy	Paper Presentation
35	J.Karthik	MIET College, Trichy	Paper Presentation
36	G.Nadimuthu	MIET College, Trichy	Paper Presentation
37	C.Chilambarasan	MIET College, Trichy	Paper Presentation
38	D.Gopinath	MIET College, Trichy	Paper Presentation
39	N.Rafiudeen	Kurinji College	Paper Presentation

S.No	Name	College	Event
40	D.Vinoth	V.S.B Engg College ,Karur	Paper Presentation
41	D.Balaji	A.V.C College	Paper presentation
42	N.T.Deepan	A.V.C College	Event
43	T.Saran Kumar	A.V.C College	Paper presentation
44	B.Siran Jeevi	A.V.C College	Paper presentation
45	T.Arun Kumar	A.V.C College	Paper presentation
46	P.Saravanan	A.V.C College	Paper presentation
47	S.Rajaprabu	A.V.C College	Paper presentation
48	A.Vignesh	A.V.C College	Paper presentation
49	M.Parthiban	A.V.C College	Paper presentation
50	M.T.Jegathesan	A.V.C College	Paper presentation
51	A.Aslam khan	MIET College	Paper presentation
52	A.Chritoper	MIET College	Paper presentation
53	Jayabalan	MIET College	Paper presentation

S.No	Name	College	Event
54	S.Dinakaran	MIET College	Paper presentation
55	J.Karthick	MIET College	Paper presentation
56	G.Nadimuthu	MIET College	Cad modeling



DEPARTMENT OF MECHANICAL ENGINEERING

CHIEF GUEST PROFILE



Dr. G. Elatharasan , **M.E. Ph.D**

Department of Mechanical Engineering
University College of Engineering, pattukkottai,
Anna University, Chennai ·

General Details

Email elatharasan@yahoo.co.in

School University College of Engineering

Designation Assistant Professor

Department Mechanical

Educational Qualifications

Ph.D. in Mechanical Engineering, Anna University, Chennai.

M.E. Thermal Plant Engineering, Shanmugha College of Engineering, Bharathidasan University.

B.E. Mechanical Engineering, Shanmugha College of Engineering, Bharathidasan University.

Areas of Interest

Convection and Radiation Heat Transfer, Renewable energy and Production of power from low grade heat.

A Study of the Literature Review on Heat Transfer in A Helically Coiled Heat Exchanger IHMTTC-2015, ISRO, Thiruvananthapuram, India, December 2015.

Experimental and CFD estimation of heat transfer in helically coiled heat exchangers, ASME/JSME 2011, 8th Thermal Engineering Conference, Hawaii, US, March 2011.

[The Effects of Prandtl Numbers on Local and Average Convective Heat Transfer Characteristics in Helical Pipes](#)".
ISHMT-ASME Heat Transfer Conference, IIT Madras, India, December 2011.

[Experimental investigations on optimization of parameters to produce W-TiC composites using powder metallurgy route](#), First International Conference on Integrated Petroleum Engineering and Geosciences (ICIPEG 2010), Kuala Lumpur, Malaysia, June 2010.

[Published BYAENSI Publication EISSN: 1998-1090 Recent Trends In Manufacturing Processes and Property Analysis of Magnesium Matrix Composites](#)Advanced Technology congress International conference, ATCI 2009, Kualalumpur, Malaysia, Nov 2009.

[Design and Fabrication of Chamfering of Super-Critical Burner Panel Assembly](#), Advances Materials Processing Technology, AMPT2009, Kualalumpur, Malaysia, Oct 2009.

Rajamohan.G, Kumar.p, Analysis of thermal energy extraction from solar flat plate collector, 2nd International Conference of Curtin University of Technology Science and Engineering Conference, CUTSE 2009, Miri, Malaysia, Nov 2009.

Kumar.P, Rajamohan.G, Heat transfer intensification in the laminar regime with modified designs of twisted tape pipe inserts – A CFD Study, 2nd International Conference of Curtin University of Technology Science and Engineering Conference, CUTSE 2009, Miri, Malaysia, Nov 2009.

Tang.J.C.H, Rajamohan.G, Raisul Islam.M.D, Heat pump-assisted dehydration of various heat-sensitive products input: simulation results, 1st International Conference of Curtin University of Technology Science and Engineering (CUTSE 2008), Miri, Malaysia, Nov 2008.

Ling.H.Y, Rajamohan.G, Raisul Islam.M.D, Testing of an ice-storage system using encapsulated fluid, 1st International Conference of Curtin University of Technology Science and Engineering (CUTSE 2008), Miri, Malaysia, Nov 2008.

Rajamohan.G, Mohan Kumar.K.M, Reddy, M.M, Energy extraction from solar pond with the use of rankine cycle power generation system, Proceeding of 1st International Conference of the Institution of Engineering and Technology (IET), (IETBIC'08), Brunei, May 2008 .

Rajamohan.G, Thermodynamics analysis of a closed rankine cycle solar power generator, Proceeding of 1st Engineering Conference: Energy and Environment (ENCON2007), Malaysia, Dec .

Rajamohan.G, Balakrishna S, Low grade heat extraction from Ocean energy using Thermosyphon Rankine engine, Proceedings of the International Conference on Energy and Environment (ICEE2006), Malaysia, Aug 2006.

Balakrishna.S, Rajamohan.G. Chin.G.L, The study and evaluation of maximum power point tracking systems, Proceedings of the International Conference on Energy and Environment (ICEE2006), Malaysia, Aug 2006.

Rajamohan. G, Mohan Kumar.K.M, Balakrishna.S, Design optimization of an OTEC Plant, Proceedings of National Seminar on Science, Technology and Social Sciences (STSS 2006), Malaysia, May 2006.

Balakrishna.S, Kenya.C, Rajamaohan.G, Design and simulation of microcontroller based MPPT using incremental conductance algorithm, Proceedings of 2nd International Conference on Electrical and Computer Engineering (ICECE 2005), Ethiopia, November 2005.

Invited Key Note presentation

Mixed convection Heat transfer in Duct Flows, International Conference on Computing, Engineering and Information Technology (ICCEIT 2012), Bangalore, India, 2012.

Poster Presentation

Rajamohan.G, Mini Solar Thermal Power Generator” Proceeding of 1st International Conference of Curtin University of Technology Science and Engineering Conference, CUTSE 2008, Miri, Malaysia, Nov 2008 (Received best poster presentation award).

Factor of Publications

Ongoing Research Projects

International Journals

Title	Name	Date	Authors
Sustainable energy solution for cogeneration plant in a modern rice mill using paddy husk	International Journal of World Review of Science, Technology and Sustainable Development	Vol 3, PP 211–222, 2006	Rajamohan.G, Balakrishna.S, Reddy.M.M
Operation and combustion characteristics of a direct injection diesel engine fueled with esterified cotton seed oil	Journal of Modern Applied Science	Vol 2, PP 71-80, Nov 2008	Mohan Kumar.K.M., Rajamohan.G.



A National level technical symposium

(MECHANTRA'19)

30th August 2019

SYMPOSIUM REPORT

Organized by

**Department of Mechanical Engineering
Kings College of Engineering
Punalkulam – 613303,
Pudukkottai Dt.**

SYMPOSIUM REPORT

On behalf of Management, Principal and **Mechanical Engineering Association (MEA)** organized one day **National Level Technical Symposium "MECHANTRA'19"** on 30th August 2019 for the Mechanical Engineering students. We have received around 40 papers from various Institutions in the state level, from which 24 papers were selected and registered. August 30th 2019, by 9.30 am registration was started at Chera Hall. The inaugural session of **MECHANTRA '19** started with the prayer song and lightening of holy lamp at 10.00 am. The student president **Mr.S.AFSHAL HUSSAIN** delivered welcome address and explained to the gathering about the significance of that meeting and Head of the Department **Dr. T. PUSHPARAJ** introduced the chief guest.

The chief guest was honored by **Dr.S.SIVAKUMAR**, Vice Principal, KCE and gave the presidential address. **Dr.G.ELATHARASAN**, Head of the Mechanical Department, University College of Engineering, Pattukottai, was the chief guest and he delivered a special address to the gathering.



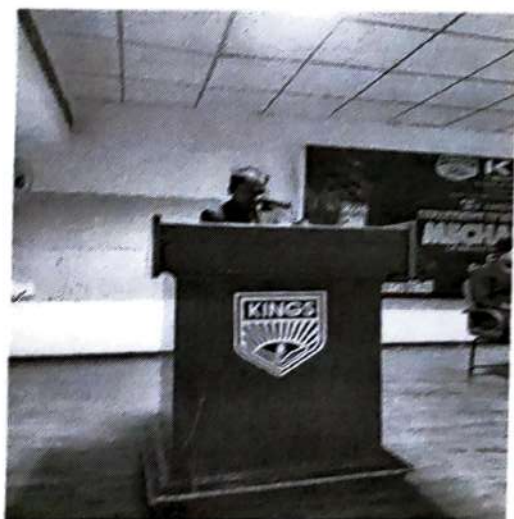
Chief guest Dr.G.Elatharasan inaugurating the symposium by lighting of kuthuvillakku, beside him Dr.S.Sivakumar, Vice principal along with them Dr.T.Pushparaj HoD/Mech and students president S.Afshal Hussain.



**S.AFSHAL HUSSAIN, Student president,
Welcoming the gathering**



**Dr.T.Pushparaj HOD/Mech, Introducing the
chief guest**



**Dr.S.Sivakumar, Vice principal, KCE., giving
presidential address**



**Dr.G.Elatharasan, HOD/Mechanical, University
college of Engineering, Pattukkottai. receiving a
memento from Dr.S.Sivakumar, Vice principal,
KCE.**



Releasing the symposium Proceedings by chief guest Dr.G.Elatharasan along with Dr.S.Sivakumar, Vice principal, Dr.T.Pushparaj HOD/Mech and Students president S.Afshal Hussain,



Chief guest Dr.G.Elatharasan giving the inaugural speech



Paper presentation



CAD Modeling contest



Nut and Bolt assembling



RC Race

Technical and Non-technical events by participants

VALEDICTION

The National level Technical symposium **MECHANTRA'19** came to an end with the valedictory function at 4.15 pm. Dr. T.PUSHPARAJ HoD/MECH, welcomed the participants for valedictory function and distributed the prizes and certificates to the winners in the technical events. Finally the Student Vice - President Mr M.SATHISH KUMAR delivered the vote of thanks and successfully concluded the symposium.



Dr. T.Pushparaj HoD/MECH distributed the prizes and certificates.

A. Shan
3/9/19
Staff Co-ordinator

T. Pushparaj 3/9/19
Head of the Department

J. Ramakrishna
3/9/19



OFFICE BEARERS LIST FOR MECHANICAL ENGINEERING ASSOCIATION / 2018-2019

President : Dr.T.Pushparaj, HOD/Mechanical

Staff Coordinators : Mr.H.Agilan

Vice-president : G.Alexraja - IV Mech-A

Secretary : R.Sivaprasath-IV Mech-B

Joint Secretary : M.Harimuruges- IV Mech-A
M.Santhosh kumar-IV Mech-B
S.Afshalhussain-III Mech-A

Treasurer : S.Ranjithkumar-IV Mech-B
T.Dhinesh-IV Mech-A

Staff Incharge

HOD



KINGS COLLEGE OF ENGINEERING

PUNALKULAM THANJAVUR -613 303
A National level technical symposium



MEUS '18 organized by
The Department of Mechanical Engineering
(19th September, 2018)

DEPARTMENT OF MECHANICAL ENGINEERING

A National Level Technical Symposium-MEA Presents (MEUS 2K18)

CHIEF PATRON

Smt. Sharmila Rajaa, B.E.,
Chief Financial Officer.

Mr.T.R.S.Muthukumaar, M.B.A.,
Chief Executive Officer.

PATRON

Dr.J.Arputha vijaya selvi, M.E., Ph.D.,
Principal.

CONVENOR

Dr.T.Pushparaj, M.E., Ph.D.,
HOD/MECH.

CO-ORDINATOR

Mr.H.Agilan AP/MECH.
Mr.R.Arun, AP/MECH

STUDENT CO ORDINATORS

G.Alex Raja,, IV/ MECH.
R.Sivaprasath IV/ MECH.
S.Harimurugesha IV, IV/ MECH.
S.Praveen immanuvel, IV / MECH.
H.Afshal Hussain III/ MECH.
M.MadeshII/ MECH.

To

The Principal,

Respected Sir / Madam,

Sub : Invitation for the NATIONAL LEVEL TECHNICAL
SYMPOSIUM "MEUS'18 " – Reg.

We are glad to inform you that the Department of Mechanical Engineering of our college is organizing a one day NATIONAL LEVEL TECHNICAL SYMPOSIUM "MEUS '18" on 19th September 2018(Wednesday).

Our symposium unites the latest innovations and the creativity of the present generation giving them a platform to show their skills in both technical and professional aspects.

In this regard, we request you to display the brochure on your notice board and motivate your students to attend the same. We would like to personally invite your college inspiring minds to participate with enthusiasm.

Thank you

Yours faithfully

(Dr.T.Pushparaj)
CONVENER



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

This is to inform, that our department is going to conduct a **national level technical symposium in mechanical MEUS-2K18** on **19.09.2018**, the in-charges for various activities of symposium has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the symposium.

Coordinators

Head of the Department



DEPARTMENT OF MECHANICAL ENGINEERING

From

H.Agilan

Assistant Professor

Kings College of Engineering

Punalkulam.

To

The Principal

Kings College of Engineering

Punalkulam.

Respected Madam,

Sub. To get permission for conducting symposium-reg.

The Mechanical Engineering Association(MEA) would like to conduct a National level symposium "**MEUS-2k18**" for the students of Mechanical Engineering Department. It will be held on 19.09.2018 (Wednesday), at Chera Hall. This symposium is open to all students especially with final year students. The registration fee of Rs.200/ person. We will give certificate for all participation. Please kindly give us permission to conduct symposium as well.

TOPIC : Technical symposium

TIME AND DATE : 19.09.2018, 9.0 am -5.0 pm

VENUE : Chera hall

Thank you for your kind consideration.

A handwritten signature in black ink, appearing to read 'H. Agilan', with a horizontal line drawn underneath it.

Yours faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan
Assistant professor,
MEUS-2K18_(Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To

The Principal,
Kings College of Engineering,
Punalkulam.

Respected Madam,

Subject: Requisition for a Felicitation Message MEUS-2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium MEUS- 2K18 on 19.09.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

Yours Faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan
Assistant professor,
MEUS 2K18_(Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To,

The Secretary,
Kings College of Engineering,
Punalkulam.

Respected Sir,

Subject: Requisition for a Felicitation Message MEUS- 2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium MEUS- 2K18 on 19.09.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to read 'H. Agilan', is written over a horizontal line.

Yours Faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan
Assistant professor,
MEUS 2K18 (Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To,

The Vice Principal,
Kings College of Engineering,
Punalkulam.

Respected Sir,

Subject: Requisition for a Felicitation Message MEUS 2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium MEUS 2K18 on 19.09.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours Faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan
Assistant professor,
MEUS 2K18 (Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To,

The HOD,
Department of Mechanical Engineering,
Kings College of Engineering,
Punalkulam.

Respected Sir,

Subject: Requisition for a Felicitation Message MEUS-2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium MEUS 2K18 on 19.09.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours Faithfully

DEPARTMENT OF MECHANICAL ENGINEERING
SYMPOSIUM
MEUS- 2K18
COMMITTEE FOR DISCIPLINE

PLACE	NAME
MANGO GARDEN	Mr.P.P.SHANTHARAMAN
	Mr.R.SHANKAR
	Mr. V.VINOTH KANNAN
	Mr.B.ADHICHELVAN
	Mr.J.RAJAPARTHIBAN
MAIN GATE	Mr.V.VIJAYAKUMAR
	Mr.R.SURIYAMURTHY
INDOOR STADIUM	Mr.J.PRABAKARAN
	Mr.M.ASWIN
	Mr.S.RAJESH KUMAR
	Mr.M.ARUN
MECHANICAL BUILDING(OLD)	Mr.M.MELWIN J SRIDHAR
	Mr.N.ANANTHARAMAN

T. Purkayastha

HOD

MEUS- 2K18

SYMPOSIUM BUDGET

(I) EXPECTED EXPENDITURE

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	judge	1*5000	5000
2.	Flex, poster	Flex-4 ,broucher-120	10,500
3.	Certificate	300*8	2,400
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		10,000
6.	Reception		1000
7.	Food		52,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
		Total	86,400

(II) EXPECTED INCOME

S.NO	CLASS	DETAILS	AMOUNT
1.	FINAL MECH-A	72*250	18,000
2.	FINAL MECH-B	69*250	17,250
3.	THIRD MECH-A	66*250	16,500
4.	THIRD MECH-B	58*250	14,500
5.	SECOND MECH-A	35*250	8,750
6.	SECOND MECH-B	35*250	8,750
7.	FROM MANAGEMENT		10,000
8.		TOTAL	93,750

DEPARTMENT OF MECHANICAL ENGINEERING

MEUS- 2K18

SYMPOSIUM EXPENSES

TOTAL COLLECTED AMOUNT:

1. Collected from students - 83,750/-
2. Amount given by management - 10,000/-
3. Previous year balance amount - 1000/-

TOTAL - 93,750/-

EXPENSES

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	Resource person	1*5000	5000
2.	Flex, poster	Flex-4 ,broucher-120	10,000
3.	Certificate	300*8	2,400
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		10,000
6.	Reception		1000
7.	Food		56,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
10.	shield		1500
11.	courier		950
12.	Welding, drilling machine		2,000
		Total	94,350/-

Balance - Nil



**A National level technical symposium
MEUS 2K18
Was organized by
The Department of Mechanical Engineering
(19th SEPT, 2018)**

SYMPOSIUM REPORT

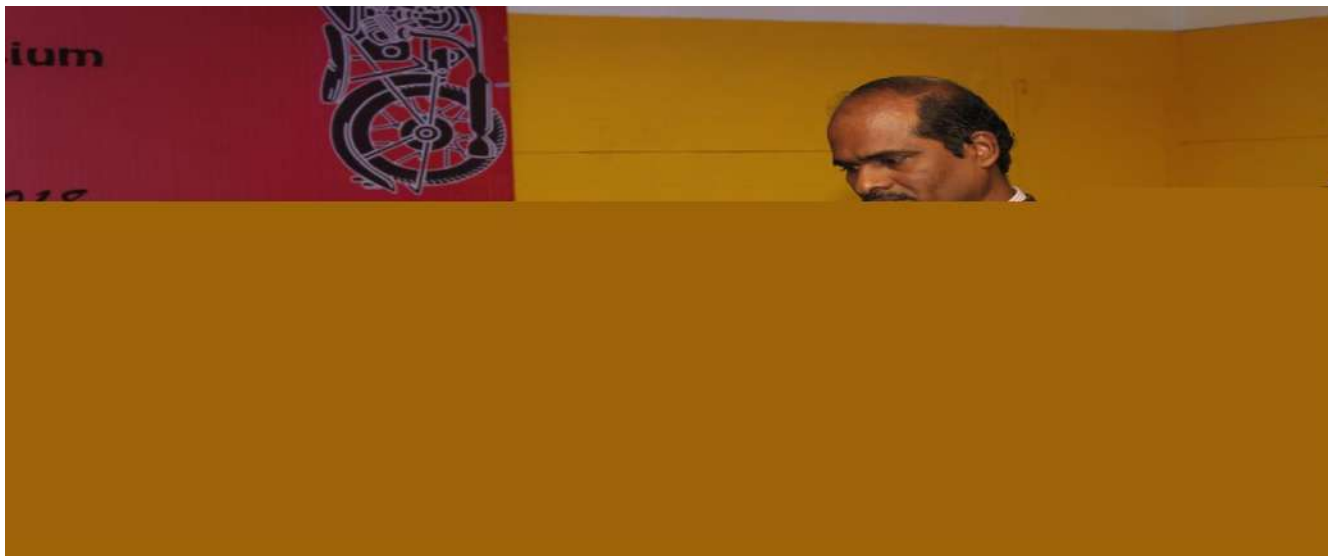
On behalf of Management, Principal and **Mechanical Engineering Association** (MEA) we are glad to inform that the National Level Technical Symposium **MEUS 2K18** was conducted on 19.09.2018 for the Mechanical Engineering students. We have received around 40 papers from various Institutions in the state level, from which 24 papers were selected and registered.

INAGURATION

Around 9.00 am registration was started at Chera Hall. The inaugural session of **MEUS 2K18** Started with the Prayer Song and Lightening of Holy lamp at 9.30 am (19.09.18). The Student vice president Mr. R. Sivaprasath delivered welcome address and explained to the gathering about the significance of that meeting. This was followed by the student President Mr. G. ALEXRAJA introducing the chief guest. The chief guest was then honored with shawl and momentum by Dr. R.RAJENDRAN (secretary of our college) and gave the presidential address.

Er. K. SRIRAM PRAKASH. Senior engineer, Boiler production, BHEL, Trichy, was the chief guest and he delivers a special address to the gathering.





GUESTORIAL SPEECH

A motivational speech of our chief guest turned every one's blood enthuse who were presented there. His tolerating speech about our department makes students to think how far their destination was. They termed warmth with his inspirational speech.



TECHNICAL AND OTHER EVENT SESSION

The forenoon session went well with the Paper presentation and CADD contest events between 11.00 am to 1.45 p.m. A team of “Paper Evaluation Committee evaluated and finalized the first, second and third prizes. Also enthusiastic students of our department exhibited some technical models and charts. The “Technical Event Committee” organized the Model Making, Mr.Mechanic, Nut and Bolt, and Technical Quiz events between 2.30 p.m to 4.15 pm.

Cash prizes were awarded for the online photography event. First, second, third prizes in paper presentation were awarded with momentum and certificates. Participation certificates were given to all participants.







VALEDICTION

The National level Technical symposium **MEUS 2K18** came to an end with the valedictory function at 4.15 pm. Dr. T.PUSHPARAJ HOD/MECH, welcomed the participants for valedictory function and distributed the prizes and certificates to the winners in the technical events. Finally the Student Vice - President Mr. R.SIVAPRASATH delivered the vote of thanks and successfully concluded the symposium.



Staff Co-ordinator

Head of the Department



Ref.No.KCE/MECH/GL/2018-19

Date:18.07.2018

From

Dr. T. Pushparaj
Head of Department
Mechanical Engineering.
Kings College of Engineering
Punalkulam, Thanjavur

To

Mr.J.Madhan
JSW, Thanjavur

Dear Sir,

Sub: Request for deliver the guest lecture Reg.

We have planned for a guest lecture for III-year Mechanical engineering students on the 24th July 2018 (9:30 AM-12:30PM) at our College. We are happy to invite you for delivering a guest lecture on this occasion. We would be very much thankful, if you accept our invitation.

Thanking you and looking forward to hear from you.

With regards,

A handwritten signature in blue ink, which appears to read 'T. Pushparaj'.

HOD/MECH

Acceptance Letter

21.07.2018

From

Mr.J.Madhan
JSW, Thanjavur

To

Dr. T.Pushparaj
Head of Department
Mechanical Engineering.
Kings college Engineering.

Dear sir,

Sub: Acceptance for guest lecture in your college.

I have received your guest lecture invitation. I really happy for the same. I accept your guest lecture request for the given date and time. Please do necessary arrangements.

Thank you

With regards,



Mr.J.Madhan

Professional Society Activity

Department of Mechanical Engineering

Title: A Seminar presentation on “Welding and its opportunities”.

Date: 24th July 2018

Description about the Seminar

Welding is one of the oldest materials processing technologies, but still an ever green technology, which has evolved day by day. The modern industrial scenario has proven that welding is inevitable to produce any product. Starting from space crafts, automobiles, mobile phones and even a small pen drive uses any one of the welding or its allied processes. The main aim of the seminar is to introduce this technology and provide an in-depth knowledge about the trends in the field of welding technology. The seminar served as an opportunity to promote welding technology which remains the most critical for industrial sectors required to assure long-term reliability across applications such as Fabrication of Building, Bridges, Process Plant Equipment, Manufacturing of Automobiles, Railways, and Ships. The seminar served as a platform to promote Japan’s latest high-precision welding technology into India. Application of advanced intelligent welding machines which synergise with the Skill of Welders to achieve superior Quality Welds with higher productivity, as being the next big thing of the future for Indian industry.



T. R. Ramesh

HoD/Mechanical



**National Conference on
Recent Advances in Mechanical Engineering (NCRAME'19) – 16th Mar '19
AGENDA**

Inauguration		Venue: Pallava Hall
09.45 am	Prayer song	
09.50 am	Welcome address – Dr.T.Pushparaj, HOD/ Mech	
09.55 am	Lighting of Lamp	
10.00 am	Honoring the Chief Guest	
	Dr.N.L.Parthasarthy by Dr.T.Pushparaj	
10.05 am	Presidential Address by Principal	
10.10 am	Introduction of Chief Guest –Dr.N.L.Parthasarthy by Mr.S.Giridharan	
10.15 am	Keynote Address by Dr.N.L.Parthasarthy	
10.30 am	Releasing of Conference Proceedings by Principal	
10.35 am	Tea Break	
11.15 am	Presentation session – I	
1.00 pm	Lunch Break	
1.45 pm	Presentation session - II	
3.50 pm	Tea Break	
Valedictory		
4.00 pm	Conference Report by – Mr.S.Giridharan	
4.10 pm	Issuing of Certificate by Conference Chair - Dr.T.Pushparaj	
4.30 pm	Feed Back from Participants	
4.35 pm	Vote of thanks – Mr.R.Shankar	
4.40 pm	National Anthem	



National Conference on Recent Advances in Mechanical Engineering – 2019

NCRAME-19

16th March 2019

PROCEEDINGS

Organised by

Department of Mechanical Engineering
Kings College of Engineering

Punalkulam-613303, Pudukkottai Dt.

Website: www.kingsindia.net

Published by:

Department of Mechanical Engineering

Kings College of Engineering

Punalkulam-613303,

Pudukkottai Dt.

Fax : 04362-282494

Phone : 04362 - 282474 / 282676

Website : www.kingsindia.net

E-mail : contact@kingsindia.net

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ISBN: 978-93-85057-16-8



Send all correspondence to : The Organizing Chair

NCRAME-19

Department of Mechanical Engineering

Kings College of Engineering.

E-mail: ncrame2019@gmail.com

NCRAME-19

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8	List of research articles	
9	Abstracts	

Kings College of Engineering at a glance

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE has been started during 2001 and run by Raj Educational Trust (RET), KCE is approved by All India Council of Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. KCE has acquired ISO certification by TUV, Rheinland, Germany and Accredited by NAAC. Five U.G. (B.E.,) and four P.G. (M.E.,) programmes are being offered. KCE has been recognized as a Research Center by the Anna University, Chennai, for Mechanical Engineering EEE and ECE Departments. The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution.

The department of Mechanical Engineering was started in the year 2006, offering both UG and PG programmes. The Department offers 4 years B.E. Degree Programme in ‘Mechanical Engineering’ and 2 years M.E. Degree Programme in ‘Thermal Engineering’. The mission of the department is “Providing Integrated Technical Expertise to the Learners and Nurturing their Strength of Characteristics Significant through value Based Education and Research” The department of Mechanical Engineering shares the mission and vision of the institution in imparting quality education to the students. We have a team of highly experienced and dedicated faculty and established laboratories to impart quality education to the students. The department has been recognized as a research center by the Anna University, Chennai to carry out Full time/Part Time research leading to Ph.D. Degree in Mechanical Engineering.

ADVISORY COMMITTEE

- Dr.P.Nagaraj Anna university, Chennai
- Dr.M.Kantha Babu, College of Engineering, Guindy.
- Dr.S.Rajkumar, SSNCE, Chennai
- Dr.N.Senthil kumar,NIT Pudhuchery
- Dr.D.Lenin Singaravelu, NIT, Trichy
- Shalingram Tiwari, IIT, Madras
- Dr.K.Panneerselvam, NIT, Trichy
- Dr.P.Hariharan, Anna university, Chennai
- Dr.Srinivas reddy, IIT ,Madras
- Dr.S.P.Asok, Anna university, Chennai
- Dr.Arumaikkannu, College of Engineering, Guindy.

TECHNICAL COMMITTEE

- Dr.V.Balasubramanian, Annamalai University
- Dr.G.Elatharasan, UCE, Pattukottai
- Dr.J.Jerald, NIT, Trichy
- Dr.S.Krishnamohan, EGSPCE, Nagapattinam.
- Dr.S.Rajakarunakaran,RIT,Virudunagar
- Dr.GL.Samuel Anna university, Chennai
- Dr.S.Siva sankar, GCE, Thanjavur
- Dr.Srividya,PMU ,Thanjavur
- Dr.T.Rajesh kannah,AAMEC Thiruvarur
- Dr.K.Sivaramakrishnan, AAMEC Thiruvarur
- Dr.M.Ravichandran, KRCE, Trichy.

ORGANIZING COMMITTEE:

CHIEF PATRONS:

Dr.R.Rajendaran, Secretary

Mr.T.R.S.Muthukumaar, Chief Executive Officer.

PATRON:

Dr.J.Arputha Vijaya Selvi, Principal.

CO-PATRON:

Dr. S.Sivakumar, Vice .Principal.

ORGANIZING CHAIR:

Dr.T.Pushparaj, HOD/Mech

ORGANIZING SECRETARY:

Prof.S.Giridharan

Prof.R.Shankar

ORGANIZING MEMBERS:

Prof. P.P.Shantharaman

Prof. H.Agilan

Prof. V.Vijayakumar

Prof. J.Rajaparthipan

Prof. J.Prabakaran

Prof. M.Aswin

Prof. Melwin J Sridhar

Prof.J.Prince j christopher

Prof. G.Mathivanan

Prof. B.Adichelvan

Prof. R.Suriyamurthy

Prof. N.Magesh

Prof. V.Vinoth kannan

Prof. S.Rajeshkumar

Prof. R.Arun

Prof.S.Sabanayagam

PROGRAMME SCHEDULE

National Conference on Recent Advances in Mechanical Engineering

Date: 16.03.2019

Hall: Pallava Hall

Time	Programme schedule
8.45 am – 9.45 am	Registration
9.45 am – 10.35 am	Inauguration function of NCRAME -19
10.35 am – 10.50 am	Tea break
10.50 am – 11.15 am	Invited Talk
11.15 am – 1.00 pm	Technical Session - I
1.00 pm – 1.45 pm	Lunch break
1.45 pm – 3.50 pm	Technical Session - II
3.50 pm – 4.00 pm	Tea break
4.00 pm – 4.40 pm	Valedictory function

Dr.R.Rajendaran,
Secretary

Ref: KCE/Secretary/NCON-Message/18-19

12.03.2019



Message

It is indeed awesome that the Department of Mechanical Engineering is organizing a National Conference on Recent Advances in Mechanical Engineering – 2019 (NCRAME' 19) on 16th March, 2019

The conference aims at bringing researchers, academicians, practicing engineers and industrialists on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in energy and manufacturing scenario. I am confident that it would be really essential to chip in discussions on technology and would serve the society with a fruitful end result in future.

I am in no doubt that the conference will be successful and I would like to express my sense of gratitude to the organizing chair, the organizing secretaries, the faculty members, and students for excellent work and I wish to give a warm welcome to the delegates to grace the juncture with scintillating success.



Dr.R.Rajendaran



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

**Dr. J. Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
PRINCIPAL**

Ref: KCE/PRL/NCON-Message/18-19

12.03.2019



Message

On behalf of the Organizing Committee, it is a great honor to invite you to the National Conference on Recent Advances in Mechanical Engineering (NCRAME'19) organized by the Department of Mechanical Engineering.

Mechanical Engineering is one of the broadest engineering disciplines and is notable for its versatility. As a result of new technological developments, this field has undergone a remarkable transformation. Hence, the emerging research issues in the Mechanical Engineering are to be focused and addressed. I hope this conference will foster a platform for the participants to exchange their ideas and establish collaboration in the promising fields of Mechanical Engineering.

I congratulate the members of various committees and I wish them best for their successful conduct of the conference.

We wish all the participants a great time at KINGS.

Regards,

J. Arputha Selvi
12/3/19.



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

**Dr. S.Sivakumar, M.Tech., Ph.D.,
Vice Principal**

Ref: KCE/VP/NCON-Message/18-19

11.03.2019



Message

I feel happy to note that that the Department of Mechanical engineering is organizing the “National Conference on Recent Advances in Mechanical Engineering” NCRAME’19 on 16.03.2019. As the conference is planned to deliberate the latest trends in Mechanical engineering it will be of use to the researchers and students for validating their works. I know that the organizing committee is working hard to make the conference a successful one. I wish them all the best for the researchers and participants of this conference and let the event spread the knowledge for the benefit of all.

Regards,

11.03.2019

Vice Principal



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr. T.Pushparaj
HOD/Mechanical

Ref: KCE/HOD/MECH/NCON-Message/18-19

11.03.2019



Message

Welcome to Kings College of Engineering, Punalkulam.

On behalf of the Mechanical Engineering department, I am delighted to welcome all the participants, for National Conference on Recent trends in Mechanical Engineering-2019 (NCRAME'19). Expansion of knowledge takes place when the intellectuals come together and exchange their ideas and experiences in a common forum like Conferences and Journal publications. It will give participants a platform to exchange ideas, discover novel opportunities, reacquaint with colleagues, meet friends, and broaden their knowledge.

I hope that, you will find the National Conference and your stay in kings College of Engineering both valuable and enjoyable. I congratulate all the participants of the NCRAME-19. I believe this National Conference will be a great success and everyone will benefit from it.

With open arms and warm regards, we look forward to welcoming you NCRAME-19

Thank you

Dr.T.Pushparaj



Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamil Nadu - 613 303. Ph : 04362 - 282474,
Email : contact@kingsindia.net, Thanjavur Information Centre : - 04362-279779

Dr.N. L. Parthasarathi
Scientific Officer E
Materials Development and Technology Division
224 MDL Building
IGCAR
Kalpakkam



Message

I take this opportunity to welcome the delegates from all over Tamilnadu and other states to the “National Conference on Recent Advances in Mechanical Engineering – 2019” organized by the Department of Mechanical Engineering, Kings College of Engineering, Punalkulam.

The prime objective of this conference is to keep abreast the researchers about the latest trends of research and development in the diversified field of mechanical engineering and to provide a platform to discuss the problems in the area of Mechanical Engineering viz. Design, CAD, CAM & CAE, Robotics & Automation, Thermal Science & Engineering, Manufacturing, Material Science and Metallurgy, Industrial Engineering & Management etc. The need of the hour is to keep pace with the changing world. Conferences like this provide a common platform for deliberations and discussion among people from both academia and industry in-house and other technical institutions.

I'm happy to see that the conference has received overwhelming response all over India. I take this opportunity to congratulate the organizing committee, supporting staff and delegates for their initiative and wish a grand success for the NCRAME-19.

Dr.N. L. Parthasarathi

To

Dr.T.Pushparaj,
The Organizing chair,
NCRAME-19,
Kings College of Engineering,
Punakulam-613303

LIST OF RESEARCH ARTICLES
National Conference on
Recent Advances in Mechanical Engineering – 2019

TECHICAL SESSION 1	
NCRAME 01	To Investigate Mechanical Characterization of Aluminum Metal Matrix Composites
	Dr.S.Mahendran
NCRAME 02	Performance and Emission of C.I Engine Using Biofuel With Additives
	H.Agilan, S.Rajeev, S.Srinath And M.Venkateshan
NCRAME 03	Finite Element Analysis Of Material Constitutive Modeling in the Machining Of Ti-6al-4v Alloy
	Little Prasanna Soundari A, Gobivel K
NCRAME 04	Design and Fabrication of Thermo Acoustic Refrigeration System
	Livingston.V, Naveen Kumar.A, Parthasarathi.K, Dheena Dhayalan.H
NCRAME 05	Design and Concoction of Eco – Recycle, Lightweight Bicycle Composition of Ochlandra Travancorica With Epoxy Resin
	G.Padmanabhan, B. Sathish Kumar, Joseph Arockiam, M. Sivarankan
NCRAME 06	Mechanical Properties Of Reinforced Fiber Metal Laminates
	P.P.Shantharaman, G.Siddharthan, P.Venkateshkumar, V.Vijay, R.Sivasurya
NCRAME 07	Optimum Design And Analysis Of Bistable Compliant Mechanism Using Flexure Hinges
	Pavan Kumar K B, Gopal V
NCRAME 08	Grey Relational Analysis To Determine the Optimum Process Parameters For Cylindrical Grinding Process on Ohns (AISI 0-1) Steel Rounds
	M.Melwin Jagadeesh Sridhar
NCRAME 09	Design And Experimental Analysis of Kevlar Clutch Plate In Two Wheeler
	Bharanitharan.V.M, S.K.Veerapandiyan

NCRAME 10	Performance And Emission Characteristic Of Icengine Using Cucurbita Pepo L. And Zea Mays Bio Diesel Blend
	B.Vishnu Dr.T.Pushparaj
NCRAME 11	Design and Fabrication of Walking Robot Mechanism
	P Parameswaran, J Ajmal Khan, S Ajith Kumar, P.L.Magzhan
NCRAME 12	Investigation of Space Rover Model In Multi Terrain
	Manikandan. E, A. Arun Kumar
NCRAME 13	Investigation Characteristics of Prosopis Juliflora Oil Blended With Diesel Fuel In a Di Diesel Engine
	M.Arangarajan, Dr.A.Raja
NCRAME 14	A Comprehensive Review On Mgo and Zno Based Nanofluids
	B. Suresh Kumar, R. Vidhya, T. Balakrishnan, S. Nivejitha, M. Pratheep, S. Priya, S. Siva
TECHICAL SESSION 2	
NCRAME 15	Design And Analysis Of Heat Transfer In Cylinder Block of IC Engine
	Muthukumaresan.A, S.Anbarasu
NCRAME 16	Experimental Investigation and The Predict The GTAW Process Parameter Process on Al 5052
	Mahalakshmi.U, Dr S.Jaisankar
NCRAME 17	An Investigation and Hard Turning By Using CNC With Cryo Inserts on D3 Steel
	S.Dinesh Kumar
NCRAME 18	Optimization of EDM Process Parameters Using Response Surface Method For Inconel 718 Super Alloy
	Elangovan Karthi.P, Dr J.Jeevemalar
NCRAME 19	Design And Fabrication Of Milling Machine For Soft Material
	Ajay Rosario. A, Jayasurya. P, Harini. G, Parthasarathi. S

NCRAME 20	Performance Appraisal Of Cryo Treated Tool by Turning operation
	S. Harirajan, P.Malaiselvaraja
NCRAME 21	Performance and Emission Studies on an Agriculture Engine on Karanja Bio Diesel With Diethyl Ether Additive
	T.Pushparaj
NCRAME 22	Design and Analysis of Rocket Propulsion System Nozzle
	C.Munishkumar, V.Vigneshwaran, Edwin,
NCRAME 23	Design and Fabrication of Grain Size Analysis By Using Cam Mechanism
	S.Abubakar Siddiq, E.Hari Prasath, R.Karthikeyan, S.Madeshwaran
NCRAME 24	Characterisation study of nicrbsi coating obtained by hvof process
	G.Mathivanan, R.Shankar, G.Leander Infant Raj, R.Madhan, M.Praveen Kumar, R.R.Pravin
NCRAME 25	An Investigation Into Biodiesel Production From Neem Oil And Evaluation Of Performance And Emission Parameters Of Diesel Engine Using Different Biodiesel Blends
	M.Parthiban
NCRAME 26	Performance And Evaluation of Thermoelectric Refrigeration By Using Peltier Effect
	H.Agilan1,M.Manohari,G.Vidhya,B.Veereshwaran,A.Venkatesh
NCRAME 27	Weld Joint Efficiency Analysis of Pressure Vessle Tube Joints On Sa210 Gra1 With Horizontal Position
	Pradeep .K, Dr S. Jaisankar
NCRAME 28	Cryogenic Rolling And Formability Of Aluminium Magnesium Silicon Alloys
	Gowtham.M, S.Bhuvaneswaran
NCRAME 29	Optimisation of Machining Parameters In Ti-6al-7nb Using Taguchi Based Grey Relation Analysis
	M. Mohamed Salim, L. Mohammed, S. Mohammed Ibrahim, Zeon Irudhyaraj



Office Bearers List for Mechanical Engineering Association / 2017-2018

President : Dr.T.Pushparaj, HOD/Mechanical

Staff Coordinator : Mr.H.Agilan

Vice-president : R.Manikandan - IV Mech-B

Secretary : S.KarthiK-IV Mech-A

Joint Secretary :M.Mahatheer mansoor- IV Mech-B

G.Alex Raja-III Mech-A

S.Afshalhussain-II Mech-A

Treasurer : S.Hariharan-IV Mech –B

H.Brainlara-IV Mech-A

Staff Incharge

HOD



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

This is to inform, that our department is going to conduct a **national level technical symposium in mechanical SPARCIENT-2K18** on **09.02.2018**, the in-charges for various activities of symposium has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the symposium.

A handwritten signature in black ink, appearing to be 'H. A. P.', with a horizontal line drawn underneath it.

Coordinators

A handwritten signature in black ink, appearing to be 'T. P. R.', with a horizontal line drawn underneath it.

Head of the Department



DEPARTMENT OF MECHANICAL ENGINEERING

From

H.Agilan

Assistant Professor

Kings College of Engineering

Punalkulam.

To

The Principal

Kings College of Engineering

Punalkulam.

Respected Madam,

Sub. To get permission for conducting symposium-reg.

The Mechanical Engineering Association (MEA) would like to conduct a National level symposium "**SPARCIENT-2k18**" for the students of Mechanical Engineering Department. It will be held on 09.02.2018(FRIDAY), at Chera Hall. This symposium is open to all students especially with final year students. The registration fee of Rs.200/person. We will give certificate for all participation. Please kindly give us permission to conduct symposium as well.

TOPIC : Technical symposium

TIME AND DATE : 09.02.2018, 9.0 am -5.0 pm

VENUE : Chera hall

Thank you for your kind consideration.

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan,
Assistant professor,
SPARCIENT 2K18_(Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To

The Principal,
Kings College of Engineering,
Punalkulam.

Respected Madam,

Subject: Requisition for a Felicitation Message SPARCIENT 2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium SPARCIENT 2K18 on 09.02.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to read "H. Agilan", with a horizontal line drawn underneath it.

Yours Faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan,
Assistant professor,
SPARCIENT 2K18_(Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To,

The Secretary,
Kings College of Engineering,
Punalkulam.

Respected Sir,

Subject: Requisition for a Felicitation Message SPARCIENT 2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium SPARCIENT 2K18 on 09.02.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours Faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan,
Assistant professor,
SPARCIENT 2K18 (Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To,

The Vice Principal,
Kings College of Engineering,
Punalkulam.

Respected Sir,

Subject: Requisition for a Felicitation Message SPARCIENT 2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium SPARCIENT 2K18 on 09.02.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours Faithfully



DEPARTMENT OF MECHANICAL ENGINEERING

From,

H.Agilan,
Assistant professor,
SPARCIENT 2K18 (Staff Co-ordinator),
Kings College of Engineering,
Punalkulam.

To,

The HOD,
Department of Mechanical Engineering,
Kings College of Engineering,
Punalkulam.

Respected Sir,

Subject: Requisition for a Felicitation Message SPARCIENT 2K18-Reg.

We are glad to inform you Madam, that our department is organizing one day national level technical symposium SPARCIENT 2K18 on 09.02.2018. We will be relishing a souvenir on that day and so we hereby request you that to give us a felicitation message.

Thanking you

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours Faithfully



Ref.No.KCE/MECH/Symposium/2017-18

Date:31.01.2018

From

Dr. T. Pushparaj
Head of Department
Mechanical Engineering.
Kings College of Engineering
Punalkulam, Thanjavur

To

Dr.G.RAJAMOHAN
SASTRA University
Thanjavur

Dear Sir,

Sub: Request for deliver the guest lecture Reg.

We have planned for a Technical Symposium on “**SPARCIENT-2K18**” 9th February 2018 at our College. We are happy to invite you for delivering a invite lecture on this occasion. We would be very much thankful, if you accept our invitation.

Thanking you and looking forward to hear from you.

With regards,

A handwritten signature in blue ink, appearing to read 'T. Pushparaj'.

(Dr. T. Pushparaj)

Dr. T. PUSHPARAJ, ME., Ph.D.,
Asst. Prof. & Head-Mechanical Engineering
Kings College of Engineering
Punalkulam-613 303

Acceptance Letter

04.02.2018

From

Dr.G.RAJAMOHAN
SASTRA University
Thanjavur.

To

Dr. T.Pushparaj
Head of Department
Mechanical Engineering.
Kings college Engineering.

Dear sir,

Sub: Acceptance for guest lecture in your college.

I have received your Symposium invitation. I really happy for the same. I accept your guest lecture request for the given date and time. Please do necessary arrangements.

Thank you

With regards,



Dr.G.RAJAMOHAN



DEPARTMENT OF MECHANICAL ENGINEERING
SYMPOSIUM
SPARCIENT 2K18
COMMITTEE FOR DISCIPLINE

PLACE	NAME
MANGO GARDEN	Mr.P.P.SHANTHARAMAN
	Mr.R.SHANKAR
	Mr. V.VINOTH KANNAN
	Mr.B.ADHICHELVAN
	S.KARIKALAN
	Mr.J.RAJAPARTHIBAN
MAIN GATE	Mr.V.VIJAYAKUMAR
	Mr.R.SURIYAMURTHY
INDOOR STADIUM	Mr.J.PRABAKARAN
	Mr.M.ASWIN
	Mr.S.RAJESH KUMAR
	Mr.M.ARUN
MECHANICAL BUILDING(OLD)	Mr.M.MELWIN J SRIDHAR
	Mr.N.ANANTHARAMAN

T. Purushotham

HOD

DEPARTMENT OF MECHANICAL ENGINEERING
SYMPOSIUM
SPARCIENT 2K18
COMMITTEE AND REPRESENTATIVE

S.NO	COMMITTEE	STAFF COORDINATOR	REPRESENTATIVES	YEAR
1.	RECEPTION	N.ANANTHARAMAN V.VIJAYAKUMAR	G.VINITHA M.MONOHARI G.VIDHYA	IV III III
2.	HALL DECORATION	V.VINOTH KANNAN S.KARIKALAN R.ARUN	K.BALAKARTHICK A.ANANTHAN M.NARENDRAN M.SETHUPATHI	IV IV IV III
3.	ORGANIZING	R.SHANKAR B.ADHICHELVAN J.RAJABARTHIBAN	V.MAGESHWARAN S.KARTHIK A.PARTHASARATHY R.KARTHICK RAJA	IV IV IV IV
4.	FOOD	S.RAJESH M.ASWIN J.PRABAKARAN	V.ALAGAR SAMY I.AKBAR ALI A.MOHAMED IMRAN S.AFSAL HUSSAIN	IV IV IV II
5.	FINANCE	N.MAGESH R.SURIYAMURTHY	H.BRAIN LARA S.HARIHARAN G.ALEX RAJA R.SIVAPRASATH	IV IV III III
6.	POSTER & TEASER DESIGN	M.MELWIN J SRIDHAR M.ASWIN	A.KISHORE KUMAR G.LEANDER INFANT NAVANEETHA KRISH	IV III IV



DEPARTMENT OF MECHANICAL ENGINEERING

SYMPOSIUM

SPARCIENT 2K18

COMMITTEE AND REPRESENTATIVE

S.NO	EVENT	STAFF COORDINATOR	ORGANIZERS	YEAR
1.	PAPER PRESENTATION	Dr.T.PUSHPARAJ Mr.G.MATHIVANAN Mr.P.P. SHANTHARAMAN Mr.S.GIRIDHARAN	S.HARIHARAN R.BALAJI G.VINITHA J.KARTHIK RAJA G.ALEX RAJA	IV IV IV IV III
2.	CAD MODELING	Mr.B.ADHICHELVAN Mr.M.MELWIN J SRIDHER SNANTHOSH KUMAR	M.NAVANEETHA KRISHNAN A.KISHORE KUMAR E.KARTHIK S.RAHUL	IV IV IV III
3.	WATER ROCKETRY	Mr.R.SHANKAR S.KARIKALAN N.MAGESH	M.VETRIVENDHAN M.MAHATHEER MANSOOR R.R.PAVIN	IV IV III
4.	TECHNICAL QUIZ	Mr.J.PRABAKARAN R.SURIYA MURTHY	H.JALALUDEEN A.VIGNESHAN S.UDHAYA KRISHNAN M.STEPHEN STANLEY	IV IV IV III
5.	GAMING CONTEST	J.RAJABARTHIBAN M.ARUN	B.BALAVIGNESH S.RADHAKRISHNAN R.SWAMINATHAN	IV IV II
6.	PHOTOGRAPHY	Mr. V.VINOTH KANNAN M.ASWIN	K.VENKATESH A.MURUGAN T.T.TAMILMARAN	IV IV III



DEPARTMENT OF MECHANICAL ENGINEERING

FUNCTION BUDGET

SPARCIENT 2K18

SYMPOSIUM BUDGET

(I) EXPECTED EXPENDITURE

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	judge	1*5000	5000
2.	Flex, poster	Flex-4 ,broucher-120	10,500
3.	Certificate	300*8	2,400
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		10,000
6.	Reception		1000
7.	Food		52,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
		Total	86,400

(II) EXPECTED INCOME

S.NO	CLASS	DETAILS	AMOUNT
1.	FINAL MECH	73*250	18,250
2.	THIRD MECH-A	72*250	18,000
3.	THIRD MECH-B	69*250	17,250
4.	SECOND MECH-A	66*250	16,500
5.	SECOND MECH-B	58*250	14,500
6.	FROM MANAGEMENT		10,000
7.		TOTAL	94,500

DEPARTMENT OF MECHANICAL ENGINEERING

SPARCIENT 2K18

SYMPOSIUM EXPENSES

TOTAL COLLECTED AMOUNT:

- | | |
|---------------------------------|--------------------|
| 1. Collected from students | - 84,500/- |
| 2. Amount given by management | - 10,000/- |
| 3. Previous year balance amount | - 2350/- |
| TOTAL | - 9, 6850/- |

EXPENSES

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	Resource person	1*5000	5000
2.	Flex, poster	Flex-4 ,broucher-120	10,500
3.	Certificate	300*8	2,400
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		10,000
6.	Reception		1000
7.	Food		57,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
10.	shield		1500
11.	courier		950
12.	Welding, drilling machine		3,000
		Total	96,850

Balance	-	Nil
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**A National level technical symposium
SPARCIENT 2K18
Was organized by
The Department of Mechanical Engineering
(09th FEB, 2018)**

SYMPOSIUM REPORT

On behalf of Management, Principal and **Mechanical Engineering Association** (MEA) we are glad to inform that the National Level Technical Symposium **SPARCIENT 2K18** was conducted on 09.02.2018 for the Mechanical Engineering students. We received around 54 papers from various Institutions in the state level, from which 42 papers were selected and registered.

INAGURATION

Around 9.00 am registration was started at Chera Hall. The inaugural session of **SPARCIENT 2K18**, Started with Prayer Song and Lightening of Holy lamp at 9.30 am (09 .02.18). The Staff Co-ordinator Mr. H.AGILAN delivered welcome address and explained to the gathering about the significance of that meeting. This was followed by the student President Mr .R. MANIKANDAN introducing the chief guest.

The chief guest was then honored with shawl and momentum by Dr. T.PUSHPARAJ HOD/MECH and gave the presidential address.

Dr.G.RAJAMOHAN. SASTRA UNIVERSITY, THANJAVUR, was the chief guest, he delivered a special address to the gathering.



TECHNICAL AND OTHER TECHNICAL EVENT SESSION

The forenoon session went well with the Paper presentation and CADD contest events between 11.00 am to 1.45 p.m. A team of “Paper Evaluation Committee evaluated and finalized the first, second and third prizes. Also enthusiastic students of our department exhibited some technical models and charts. The “Technical Event Committee” organized the Model Making, Mr.Mechanic, Nut and Bolt, and Technical Quiz events between 2.30 p.m to 4.15 pm.

Three cash prizes were awarded for paper presentation. First prize carried Rs.1200, Second prize Rs.900 and Third prize Rs.600 for other events, shields were distributed for the first and second places according to their performances. Participation certificates were given to all participants.



TECHNICAL EVENT SESSION (PAPER PRESENTATION)





VALEDICTION

The symposium **SPARCIENT 2K18** came to an end with the valedictory function at 4.15 pm. Dr. T.PUSHPARAJ HOD/MECH, welcomed the participants for valedictory function and distributed the prizes and certificates to the winners in the technical events. Finally the Student Vice - President Mr. R.R.PRAVIN delivered the vote of thanks and successfully concluded the symposium.



[Handwritten signature]

Staff Co-ordinator

[Handwritten signature]

Head of the Department



KINGS COLLEGE OF ENGINEERING

Punalkulam, Thanjavur-613 303

Accredited by NAAC

(An ISO 9001 Certified Institution)

DEPARTMENT OF MECHANICAL ENGINEERING

National conference on

Recent Advances in Mechanical Engineering–2016

(29th DECEMBER 2016)



CHIEF PATRONS

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Chief Financial Officer.

Mr.T.R.S.Muthukumaar, M.B.A.,
Chief Executive Officer.

PATRON

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BOYSCAST Fellow,
Principal.

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ORGANIZING CHAIR

Dr.T.Pushparaj,
Prof. & Head / Mechanical

ORGANIZING SECRETARY

Mr.G.Mathivanan, Asso. Prof.
Mr.R.Shankar, Asst. Prof.

COORDINATORS

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Mr. M. Babu, Asst. Prof.
Mr. H.Agilan, Asst. Prof.
Mr.N.Anantharaman, Asst. Prof.
Mr. V.Vijayakumar, Asst. Prof.
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Mr.M. Pradeep, Asst. Prof.
Mr. M.Melwin J Sridhar, Asst. Prof.
Mr..Jothi Basu, Asst. Prof.
Mr. S.Karikalan, Asst. Prof.

To
The Head of the Department,
Department of Mechanical Engineering

Dear sir/madam,

Sub: National conference on “**Recent Advances in Mechanical Engineering – 2016**”- Reg.

I would like to bring to your notice that A “Recent Advances in Mechanical Engineering – 2016 (NCRAME-16)” will be held on 29th December 2016 at the institution premises. The conference aims at bringing researchers, academicians, practicing engineers and industrialists on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in engineering science.

The papers are invited from post graduate students/ researchers/ practicing engineers/ R&D Personnel. The NCRAME-2016 significantly beneficial to wide variety of academic and industrial sectors.

The selected papers in this conference will be published in various International Journals like IJCEM, IJETST & IJRSET. In essence, I sincerely feel that the participation/paper presentation on this event would provide many useful inputs for technical education, energy applications and various innovative manufacturing techniques to faculty members and students. In this regard, please refer the enclosure for conference brochure and circulate it or display on department notice board.

I sincerely invite the faculty members and students from your precious institution to this conference.

Thanking you,

Yours sincerely,

(Dr. T.Pushparaj)
(Organizing Chair)

National Conference on

Recent Advances in Mechanical Engineering – 2016 “NCRAME-16”

29th December 2016

Call for Papers

Organized by
Department of Mechanical Engineering



KINGS COLLEGE OF ENGINEERING

(NAAC Accredited)

Punalkulam, Thanjavur-613 303.

(Approved by AICTE, New Delhi & Affiliated to Anna
University, Chennai)

ORGANIZING COMMITTEE:

CHIEF PATRONS:

Smt.Sharmila Rajaa, Chief Financial Officer.
Mr.T.R.S.Muthukumaar, Chief Executive Officer.

PATRON:

Dr.S.Duraiaraj, B.E.,M.E.,Ph.D.,PDF.,
Principal.

CO-PATRONS:

Dr.J.Arputha Vijaya Selvi, Dean, R&D.
Dr. S.Sivakumar, Vice Principal.

ORGANIZING CHAIR:

Dr.T.Pushparaj, HOD/Mech

ORGANIZING SECRETARY:

Prof.G.Mathivanan
Prof.R.Shankar

ORGANIZING MEMBERS:

Prof. P.P.Shantharaman	Prof. M.Babu
Prof. H.Agilan	Prof. N.Anantharaman,
Prof. V.Vijayakumar	Prof. R.Suriyamurthy
Prof. D.Yogendran	Prof. N.Magesh
Prof. J.Prabakaran	Prof. V.Vinoth kannan
Prof. V. Bragadeeshwaran	Prof.M. Pradeep
Prof. M.Melwin J Sridhar	Prof.k.Jothi Basu
Prof. S.Karikalan	

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Dr.M.Kantha Babu, College of Engineering, Guindy.
Dr.S.Rajkumar, SSNCE, Chennai
Dr.N.Senthil kumar,NIT Pudhuchery
Dr.D.Lenin Singaravelu, NIT, Trichy
Dr.Shalingram Tiwari, IIT, Madras
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Dr.Srinivas reddy, IIT ,Madras
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Dr.Arumaikkannu, College of Engineering, Guindy.
Dr.K.Sivaramakrishnan, AAMEC Thiruvavur.

TECHNICAL COMMITTEE:

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Dr.G.Elatharasan, UCE, Pattukottai
Dr.J.Jerald, NIT, Trichy
Dr.S.Krishnamohan, EGSPCE, Nagapattinam.
Dr.S.Rajakarunakaran,RIT,virudunagar
Dr.S.Siva sankar, GCE, Thanjavur
Dr.Srividya,PMU ,Thanjavur
Dr.T.Rajesh kannah,AAMEC Thiruvavur
Dr.K.Panneerselvam, NIT, Trichy
Dr.P.Nagaraj MSEC, Sivakasi

ABOUT THE INSTITUTION:

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE has been started during 2001 and run by Raj Educational Trust (RET), KCE is approved by All India Council of Technical Education (AICTE), New Delhi and is affiliated to the Anna University, Chennai. KCE has acquired ISO certification by TUV, Rheinland, Germany and Accredited by NAAC. Six U.G. (B.E., B.Tech.,) and four P.G. (M.E.,) programmes are being offered. KCE has been recognized as a Research Center by the Anna University, Chennai for Mechanical Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering Departments.

The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution. The institution grows at a faster pace as it has a very sound management, willing to do everything needed for making it a great institution.

OUR DEPARTMENT:

The department of **Mechanical Engineering** was started in the year 2006, offering both UG and PG programmes. The Department offers 4 years B.E. Degree Programme in 'Mechanical Engineering' and 2 years M.E. Degree Programme in 'Thermal Engineering'. The mission of the department is "Providing Integrated Technical Expertise to the Learners and Nurturing their Strength of Characteristics Significant through value Based Education and Research" The department of mechanical engineering shares the mission and vision of the institution in imparting quality education to the students. We have a team of highly experienced and dedicated faculty to impart quality education to the students. We also have well established laboratories to provide practical exposure to the students. The department has been recognized as a research center by the Anna University, Chennai to carry out Full time/Part Time research leading to Ph.D. Degree in Mechanical Engineering.

CONFERENCE OBJECTIVE:

The conference aims at bringing researchers, academicians, practicing engineers and industrialists on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in engineering sciences. The papers are invited from Post Graduate students / Researchers / Practicing Engineers and R & D Personnel. The NCRAME-2016 significantly benefits a wide variety of academic and industrial sectors.

CONFERENCE THEMES:

DESIGN	MANUFACTURING	THERMAL
FEA	Composite	Alternate Fuels
MEMS	Materials	Solar Energy
Design	Nano Tech.	Wind Energy
CAD/CAM/CIM	Welding Tech.	Waste Energy
	Advanced Mfg	Biomass Energy

PAPER SUBMISSION:

Original research and unpublished papers are invited in the above list of themes. The authors are requested to submit an abstract not exceeding one page. It should carry the name and address of the author(s) with their affiliation (including phone number and E-mail). The abstract also be sent through E-mail (ncrame2016@gmail.com).

PAPER FORMAT:

Size A4, Single column, pages not exceeding 6, Font-Times New Roman, Size-12 with 1.5 line space

REGISTRATION:

At least one author per paper should register on or before the deadline. All delegates and authors will have to confirm their participation by E-mail.

REGISTRATION FEE:

R&D Personnel :Rs.750

Research Scholars and Practicing Engineers :Rs.600

Post Graduate Students :Rs.500

Registration fee includes conference Kit, proceeding copy & refreshment.

Fee should be sent by Demand Draft in favour of "The Principal, Kings College of Engineering" payable at Thanjavur. For details visit <http://www.kingsindia.net>

CONFERENCE PUBLICATION:

Selected papers will be published in any one of the following International Journals.

- International Journal of Core Engineering and Management (IJCEM)
- International Journal of Emerging Trends Science and Technology (IJETST)
- International Journal of Innovative Research in Science, Engineering And Technology (IJRSET)

VENUE:

The college is located 15Km from Thanjavur Railway station and 10Km from Thanjavur New Bus Stand. (Between Thanjavur and Pudukkottai Highway)

IMPORTANT DATES:

Submission of full paper : **11.11.2016**

Notification of Acceptance : **18.12.2016**

Last date of registration : **03.12.2016**

Conference Date : **29.12.2016**

ADDRESS FOR COMMUNICATION:

The Organizing chair,
NCRAME-2016, Department of Mechanical Engineering,
Kings College of Engineering, Punalkulam,
Thanjavur-613303

Tel : 04362-282474,282397,282400

Website : www.kingsindia.net,

Email : ncrame2016@gmail.com

CONTACT NUMBERS:

➤ Mr.G.Mathivanan, AP/Mech. 9865664155

➤ Mr.R.Shankar, AP/Mech. 8825139587

REGISTRATION FORMAT:

Participants are requested to retype the given format and send it by post or by email

National Conference on Recent Advances in Mechanical Engineering - 2016 (NCRAME-2016)

Full Name : _____

Designation : _____

Organization : _____

Address : _____

Phone(Off) : _____

Phone(Res) : _____

Email : _____

Fee Details : _____

DD for Rs. : _____ DD Number: _____

Date : _____ Name of the Bank: _____

Registration Category: Post Graduate students / Researchers / R & D Personnel.

Signature of
the Applicant

Signature of the Sponsoring
Authority with seal



Ref.No.KCE/MECH/NCON/2016-17

Date:21.12.2016

From

Dr. T. Pushparaj
Head of Department
Mechanical Engineering.
Kings College of Engineering
Punalkulam, Thanjavur

To

Dr.N.Jawahar
AP/ Thiyagarajar College of Engineering
Madurai

Dear Sir,

Sub: Request for deliver the guest lecture Reg.

We have planned for National Conference on “Recent Advances in Mechanical Engineering-2016” 29th December 2016 at our College. We are happy to invite you for delivering a invite lecture on this occasion. We would be very much thankful, if you accept our invitation.

Thanking you and looking forward to hear from you.

With regards,

A handwritten signature in purple ink, which appears to read 'T. Pushparaj'.

(Dr. T. Pushparaj)

Dr. T. PUSHPARAJ, ME., Ph.D.,
Asst. Prof. & Head-Mechanical Engineering
Kings College of Engineering
Punalkulam-613 303

Acceptance Letter

24.12.2016

From

Dr.N.Jawahar
AP/ Thiyagarajar College of Engineering
Madurai.

To

Dr. T.Pushparaj
Head of Department
Mechanical Engineering.
Kings college Engineering.

Dear sir,

Sub: Acceptance for guest lecture in your college.

I have received your Conference invitation. I really happy for the same.
I accept your guest lecture request for the given date and time. Please do necessary arrangements.

Thank you

With regards,



Dr.N.Jawahar



National Conference on Recent Advances in Mechanical Engineering – 2016

NCROME-16

29th December 2016

Post Conference report

Organised by

Department of Mechanical Engineering
Kings College of Engineering

Punalkulam-613303, Pudukkottai Dt.

Website: www.kingsindia.net

AGENDA

Session - I	Inauguration	Venue: Chera Hall
09.45 am	Prayer song	
09.50 am	Welcome address – Dr.T.Pushparaj, HOD/Mech	
09.55 am	Lighting of Lamp	
10.00 am	Honoring the Chief Guest by Dr.T.Pushparaj, HOD/Mech	
10.05 am	Presidential Address by Dr.S.Duraiaraj, Principal, KCE.,	
10.10 am	Introduction of Chief Guest by Mr.G.Mathivanan, Asso. Prof/Mech	
10.15 am	Felicitation Address by Dr.N.Jawahar, Dean R&D, TCE., Madurai	
10.30 am	Releasing of Conference Proceedings by Principal	
10.35 am	Tea Break	
Session II	Key Note Address & Paper Presentation	Venue: AV Hall
10.50 am	Session Chair – Mr.P.P.Shantharaman Asso. Prof/Mech	
10.55 am	Key Note Address by Chief Guest	
11.15 am	Technical session - I	
1.00 pm	Lunch Break	
1.45 pm	Technical session - II	
3.50 pm	Tea Break	
Session III	Valedictory	Venue: AV Hall
4.00 pm	Conference Report by Conference Chair – HOD/Mech	
4.10 pm	Issuing of Certificate by Conference Chair - HOD/Mech	
4.30 pm	Feed Back from Participants	
4.35 pm	Vote of thanks – Organizing Secretary, NCRAME-16	
4.40 pm	National Anthem	

CONFERENCE REPORT OF NCROME-16

The Department of Mechanical Engineering organized a one-day National Conference on Recent Advances in Mechanical Engineering-2016 on 29th December 2016. This conference has provided a platform for researchers and academicians to share and exchange ideas on the various research topics in the fields such as Manufacturing, Energy and Thermal Engineering.

The Conference has two sessions spread over entire day with expert's invited talks and interactive discussions. Total number of participants who has sent their willingness through mail to attend the conference was 45. Among them 21 participants from various universities and institution across the country presented paper papers in the conference.

The experts and the resource persons were invited who have sound knowledge in the field of Manufacturing, Energy and Thermal Engineering are, Dr.N.Jawahar, Mechanical Engineering Department, Thiyagarajar College of Engineering, Madurai has addressed with their invited talk to the academicians and researchers during sessions.

On December 29th 2016, by 9.45 am, the conference started with the Tamilthai vazhthu – Inguration function. The welcome address was given by Conference Chair Dr.T.Pushparaj, HOD/Mechanical, Kings College of Engineering with a warm welcome and pleasant speech which has given a spark to the one day Nation Conference.



Dr.T.Pushparaj. HOD/Mech, Welcomes the gathering



Chief guest Dr.N.Jawahar inaugurating the conference by lighting of kuthuvillakku, beside him seen are Dr.S.Durairaj, Principal, Kings College of Engineering and along with them Conference Chair Dr.T.Pushparaj. HOD/Mech, Kings College of Engineering.

Then as every auspicious function starts with a traditional way of LIGHT, being the source of all transitions and transformations, the conference officially inaugurated by lighting of kuthuvillakku by the Chief guest Thiru.Dr.N.Jawahar Professor / Mechanical, Thiagarajar College of Engineering, Madurai, Dr.S.Durairaj, Principal, Kings College of Engineering and Dr.T.Pushparaj. HOD/Mech, Kings College of Engineering.

Then the HOD/Mechanical has presented a memento to Chief Guest Thiru. Dr.N.Jawahar Professor as a mark of respect in behalf of Kings College of Engineering.



Thiru.Dr.N.Jawahar Professor / Mechanical, Thiagarajar College of Engineering, Madurai, receiving a memento from Dr.T.Pushparaj. HOD/Mech, Kings College of Engineering.



Prof.S.Durairaj, Principal, KCE, giving presidential address

The presidential address to the gathering was given by Prof.S.Durairaj, Principal, KCE. During his speech, he highlighted the following,

- Importance of the conferences in narrated from olden days to recent day.
- We should have reasonable expectation of the problem.
- Discussed the various recent developments in Mechanical Engineering field.

The words of the principal gave so much of energy and motivated the students, faculties and the researchers to think innovatively in the field of energy sectors.



Proceedings of the conference was released by Prof.N.Jawahar, along with them Dr.S.Durairaj, Principal, Kings College of Engineering, Dr.T.Pushparaj. HOD/Mech, Kings College of Engineering

After the presidential Address, our honorable chief guest Prof.N.Jawahar, has released the proceedings of the National Conference on Recent Advances in Mechanical Engineering – 2016 and the first copy was received by the Dr.S.Durairaj, Principal. And this National Conference has been considered as a knowledge Hub for all the researchers from the various institutions across the country.

Prof.N.Jawahar, was introduced by Prof.G.Mathivanan, Department of Mechanical Engineering about his career track and the awards and achievements received by him. And also he pointed various posts held by him in different government sectors and the present post in detail the role played by him the department of higher education and the training provided to the engineering students across the state and the off campus placement recruitment drive conducted by his department.



Introduction of Chief Guest by Mr.G.Mathivanan, Asso. Prof/Mech



Chief Guest Prof.N.Jawahar giving the inaugural speech

Invited talk was given by Prof.N.Jawahar, Mechanical Department, TCE, Madurai. In his speech, pointed out that the new technology regarding decisions science alternatively known as operation research is the discipline of applying advanced analytical methods for the analysis and evaluation of research options to make better decisions. Gave an overview of various techniques of decision science, particularly multi-criteria decision models, and their characteristics.



Prof.N.Jawahar, gives the Invited Talk in the first session of the conference

Technical session – I: (11.15 am to 1.00 pm)

Mr.P.P.Shanthraman, Prof./Mech., KCE and Mr.H.Akilan Prof./Mech., KCE, the chairpersons of the Technical Session I and Mr.R.Suriyamurthy, Prof./Mech., KCE and Mr.N.Mahesh Prof./Mech., KCE, to judge the papers. Participants from various institutions had presented 21 research articles in both the sessions.



Technical presentation with active interaction with the Chairpersons of the session



KINGS COLLEGE OF ENGINEERING

PUNALKULAM THANJAVUR -613 303

A National level technical symposium

SPARCIENT '2K16 organized by

The Department of Mechanical Engineering

(17th September, 2016)



DEPARTMENT OF MECHANICAL ENGINEERING

A National Level Technical Symposium-MEA Presents

(SPARCIENT '2K16)

CHIEF PATRON

Smt. Sharmila Rajaa, B.E.,
Chief Financial Officer.

Mr.T.R.S.Muthukumaar, M.B.A.,
Chief Executive Officer.

PATRON

Dr.S.DURAIRAJ B.E.,M.E.,Ph.D.,PDF.,
Principal.

CONVENOR

Dr.T.Pushparaj, M.E., Ph.D.,
HOD/MECH.

CO-ORDINATOR

Mr.H.Agilan AP/MECH.

STUDENT CO ORDINATORS

R.Manikandan , IV/ MECH.

S.Karthik, IV/ MECH.

H.Brain Lara, IV/ MECH.

V.Maheswaran, IV / MECH.

G.Alex Raja, III/ MECH.

H.Afshal Hussain II/ MECH.

S.Hariharan IV/ MECH.

G.Alexraja, ,III/ MECH.

To

The Principal,

Respected Sir / Madam,

Sub : Invitation for the NATIONAL LEVEL TECHNICAL
SYMPOSIUM "SPARCIENT '2K16 " – Reg.

We are glad to inform you that the Department of Mechanical Engineering of our college is organizing a one day NATIONAL LEVEL TECHNICAL SYMPOSIUM "SPARCIENT '2K16" on 17th September 2016 (Friday).

Our symposium unites the latest innovations and the creativity of the present generation giving them a platform to show their skills in both technical and professional aspects.

In this regard, we request you to display the brochure on your notice board and motivate your students to attend the same. We would like to personally invite your college inspiring minds to participate with enthusiasm.

Thank you

Yours faithfully

(Dr.T.Pushparaj)
CONVENER



Office Bearers List for Mechanical Engineering Association / 2016-2017

President : Dr.T.Pushparaj, HOD/Mechanical

Staff coordinator : Mr.H.Agilan, AP/Mech

Vice-president : S.Venkatesh - IV Mech-B

Secretary : S.Mathan –IV Mech-A

Joint Secretary : S.Subash - IV Mech-A
R.Manikandan - III Mech-B

Treasurer : S.Hariharan-IV Mech –B
H.Brainlara- III Mech-B
S.KarthiK III Mech-B
G.Alex Raja-II Mech-A



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

This is to inform, that our department is going to conduct a **national level technical symposium in mechanical SPARCIENT-2K16** on **17.09.2016**, the in-charges for various activities of symposium has been formed and enclosed with this. The in-charges are requested to cooperate for the success conduct of the symposium.

A handwritten signature in black ink, appearing to be 'H. A. P.', with a horizontal line drawn underneath it.

Coordinators

A handwritten signature in black ink, appearing to be 'T. P. R. R. R.', with a horizontal line drawn underneath it.

Head of the Department



SPARCIENT 2K16

National Level Technical Symposium

AGENDA

INAUGURAL FUNCTION

Time: 9.15 to 10.00 am

Venue: Chera Hall

Tamizhthai vaazthu	9.15 to 9.20 am
Welcome note	9.20 to 9.21 am
Lamp Lighting	9.21 to 9.24 am
Sparcient 2k16 trailer	9.24 to 9.30 am
Releasing of proceedings and logo	9.30 to 9.31 am
Principal/VP/DEAN Addressing on Sparcient 2k16	9.31 to 9.35 am
HOD Addressing on Sparcient 2k16	9.35 to 9.40 am
Chief Guest Introduction	9.40 to 9.42 am
Chief Guest Special notes	9.42 to 9.48 am
Vice president Addressing about Sparcient 2k16 And Achievement of Mechanical	9.48 to 9.51 am
Pillars of Mech video releasing	9.51 to 9.57 am
Vote of thanks	9.57 to 10.00 am
TEA BREAK (10.00 to 10.15 am)	

EVENTS

S.No.	Event Name	Venue	Time
1a.	Paper presentation (Batch 1)	Chera Hall	10.15AM-12.00PM
1b.	Paper presentation (Batch 2)	Metrology Lab	10.15AM-12.00PM
2.	CAD Modelling	CAD lab.	11.00AM-12.00PM
3.	Poster presentation	Indoor Stadium	10.00AM-11.00AM
4.	Speed cubing	Hall No.: 301	12.00PM-12.30PM
5.	Technical Quiz	Chera Hall	12.30PM-1.00PM
Lunch 1.00PM-1.30PM			
6.	Assembly & Dismantle	Hall No.: 302	1.30PM-2.00PM
7.	Delination	Drawing Hall	2.00PM-2.30PM
8.	Nuts And Bolts	Drawing Hall	2.30PM-3.00PM
9.	Treasure Hunt	Cafeteria	3.00PM-3.30PM
10.	Complete Your Task	Metrology Lab	3.30PM-4.00PM
11.	Mech Meshing	Chera Hall	4.00PM-4.30PM
12.	Mr.Mechanic	Manufacturing Technology Lab	4.30PM-5.00PM

13.	Fun Events	Mechanical Dept.	-
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VALEDICTORY FUNCTION

Time: 5.00 to 5.30 pm

VENUE : Chera Hall

Welcome Note	5.00 to 5.01 pm
Chief Guest Addressing	5.01 to 5.02 pm
Chief Guest Speak About Employment	5.02 to 5.07 pm
Distribution of prizes	5.07 to 5.20 pm
Feedback Session	5.20 to 5.25 pm
Vote of Thanks	5.25 to 5.26 pm
National Anthem	5.26 to 5.30 pm



Staff co-ordinator



HOD



DEPARTMENT OF MECHANICAL ENGINEERING

From

H.Agilan

Assistant Professor

Kings College of Engineering

Punalkulam.

To

The Principal

Kings College of Engineering

Punalkulam.

Respected Madam,

Sub. To get permission for conducting symposium-reg.

The Mechanical Engineering Association(MEA) would like to conduct a National level symposium “**SPARCIENT-2K16**” for the students of Mechanical Engineering Department. It will be held on 17.09.2016 (FRIDAY), at Chera Hall. This symposium is open to all students especially with final year students. The registration fee of Rs.200/person. We will give certificate for all participation. Please kindly give us permission to conduct symposium as well.

TOPIC : Technical symposium

TIME AND DATE : 17.09.2016, 9.0 am -5.0 pm

VENUE : Chera hall

Thank you for your kind consideration.

A handwritten signature in black ink, appearing to be 'H. Agilan', written over a horizontal line.

Yours faithfully

Dr.S.DURAIRAJ B.E.,M.E.,Ph.D.,PDF.,

BOYSCAST Fellow

Principal



MESSAGE

Welcome to Kings College Of Engineering, Punalkulam.

On behalf of the Kings college of Engineering, I am delighted to welcome all the participants, for National level Technical Symposium SPARCIENT-2016. Expansion of knowledge takes place when the intellectuals comes together and exchange their ideas and experiences in a technical forum like symposium and Conferences. It will give participants a platform to exchange ideas, discover novel opportunities, reacquaint with colleagues, meet new friends, and broaden their knowledge.

I hope that, your stay in Kings College of Engineering will be valuable and enjoyable. I congratulate all the participants of the National level Technical Symposium SPARCIENT-2K16. I wish you all a great success.

With open arms and warm regards, we look forward to welcome you all.

Thank you



DEPARTMENT OF MECHANICAL ENGINEERING
SYMPOSIUM
SPARCIENT 2K16
COMMITTEE FOR DISCIPLINE

PLACE	NAME
MANGO GARDEN	Mr.P.P.SHANTHARAMAN
	Mr.R.SHANKAR
	Mr. V.VINOTH KANNAN
	Mr.B.ADHICHELVAN
	S.KARIKALAN
	Mr.J.RAJAPARTHIBAN
MAIN GATE	Mr.V.VIJAYAKUMAR
	Mr.R.SURIYAMURTHY
INDOOR STADIUM	Mr.J.PRABAKARAN
	Mr.M.ASWIN
	Mr.S.RAJESH KUMAR
	Mr.M.ARUN
MECHANICAL BUILDING(OLD)	Mr.M.MELWIN J SRIDHAR
	Mr.N.ANANTHARAMAN

T. Parthiban

HOD



DEPARTMENT OF MECHANICAL ENGINEERING
SYMPOSIUM
SPARCIENT 2K16
COMMITTEE AND REPRESENTATIVE

S.NO	COMMITTEE	STAFF COORDINATOR	REPRESENTATIVES	YEAR
1.	RECEPTION	N.ANANTHARAMAN V.VIJAYAKUMAR	G.VINITHA M.MONOHARI G.VIDHYA	III II II
2.	HALL DECORATION	V.VINOTH KANNAN S.KARIKALAN R.ARUN	K.BALAKARTHICK A.ANANTHAN M.NARENDRAN M.SETHUPATHI	IV IV IV II
3.	ORGANIZING	R.SHANKAR B.ADHICHELVAN J.RAJABARTHIBAN	V.MAGESHWARAN S.KARTHIK A.PARTHASARATHY R.KARTHICK RAJA	III III IV III
4.	FOOD	S.RAJESH M.ASWIN J.PRABAKARAN	V.ALAGAR SAMY I.AKBAR ALI A.MOHAMED IMRAN	III III IV
5.	FINANCE	N.MAGESH R.SURIYAMURTHY	H.BRAIN LARA S.HARIHARAN G.ALEX RAJA R.SIVAPRASATH	III IV II II
6.	POSTER & TEASER DESIGN	M.MELWIN J SRIDHAR M.ASWIN	A.KISHORE KUMAR G.LEANDER INFANT NAVANEETHA KRISH	IV II IV



DEPARTMENT OF MECHANICAL ENGINEERING

SYMPOSIUM

SPARCIENT 2K16

COMMITTEE AND REPRESENTATIVE

S.NO	EVENT	STAFF COORDINATOR	ORGANIZERS	YEAR
1.	PAPER PRESENTATION	Dr.T.PUSHPARAJ Mr.G.MATHIVANAN Mr.P.P. SHANTHARAMAN Mr.S.GIRIDHARAN	S.HARIHARAN R.BALAJI G.VINITHA J.KARTHIK RAJA G.ALEX RAJA	IV IV III IV II
2.	CAD MODELING	Mr.B.ADHICHELVAN Mr.M.MELWIN J SRIDHER SNANTHOSH KUMAR	M.NAVANEETHA KRISHNAN A.KISHORE KUMAR E.KARTHIK S.RAHUL	IV IV IV III
3.	WATER ROCKETRY	Mr.R.SHANKAR S.KARIKALAN N.MAGESH	M.VETRIVENDHAN M.MAHATHEER MANSOOR R.R.PAVIN	IV IV II
4.	TECHNICAL QUIZ	Mr.J.PRABAKARAN R.SURIYA MURTHY	H.JALALUDEEN A.VIGNESHAN S.UDHAYA KRISHNAN M.STEPHEN STANLEY	IV IV IV II
5.	GAMING CONTEST	J.RAJABARTHIBAN M.ARUN	B.BALAVIGNESH S.RADHAKRISHNAN R.SWAMINATHAN	IV IV II
6.	PHOTOGRAPHY	Mr. V.VINOTH KANNAN M.ASWIN	K.VENKATESH A.MURUGAN T.T.TAMILMARAN	IV IV II



DEPARTMENT OF MECHANICAL ENGINEERING

SPARCIENT-2K16

SYMPOSIUM BUDGET

(I) EXPECTED EXPENDITURE

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	judge	1×3000	3,000
2.	Flex, poster	Flex-4 ,broucher-200	10,500
3.	Certificate	200×15	3,000
4.	Cash prize (technical)	1 st prize-2000 2 st prize-1500 3 rd prize-1000	4,500
5.	Decoration		10,000
6.	Reception		1000
7.	Food		70,000
8.	Cash prize (Non tech) 12 Events	1 st prize-2,500 2 st prize-2,000	4,500
9.	invitation	25×20	500
		Total	1,07,000 /-

(II) EXPECTED INCOME

S.NO	CLASS	DETAILS	AMOUNT
1.	FINAL MECH-A	70×350	24,500
2.	FINAL MECH_B	70×350	24,500
3.	THIRD MECH-A	61×350	21,350
4.	THIRD MECH-B	61×350	21,350
5.	SECOND MECH-A	64×350	22,400
6.	SECOND MECH-B	64×350	22,400
7.	FROM MANAGEMENT		5,000
8.		TOTAL	1,41,500 /-

DEPARTMENT OF MECHANICAL ENGINEERING

SPARCIENT-2K16

SYMPOSIUM EXPENSES

TOTAL COLLECTED AMOUNT:

1. Collected from students - 84,500/-
 2. Amount given by management - 5,000/-
 3. Previous year balance amount - nil/-
- TOTAL - 9, 6850/-**

EXPENSES

S.NO	CONTENT	DETAILS	APPROX AMOUNT
1.	Resource person	1×5000	5000
2.	Flex, poster	Flex-4 ,broucher-120	10,500
3.	Certificate	300*8	2,400
4.	Cash prize (technical)	1 st prize-1,500 2 st prize-1,000	2,500
5.	Decoration		10,000
6.	Reception		1000
7.	Food		57,000
8.	Cash prize (Non tech)	1 st prize-1,500 2 st prize-1,000	2,500
9.	invitation	25*20	500
10.	shield		1500
11.	courier		950
12.	Welding, drilling machine		3,000
		Total	96,850

Balance - Nil



DEPARTMENT OF MECHANICAL ENGINEERING

National level technical symposium Sparcient-2k16

FEEDBACK REPORT

The national level technical symposium has been conducted by our mechanical department and 66 nos participants were attended from various colleges. Feedback form was issued to all the participants, forgetting guidelines and improving our department association of mechanical, from that we are analysis that our symposium was very good

- 1. Program - 55 persons**
- 2. Hospitality- 40 persons**
- 3. Facilities- 64 persons**
- 4. Refreshment and food- 62 persons**



DATE: 17.09.2016

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2016-2017 / ODD SEMESTER

NATIONAL LEVEL TECHNICAL SYMPOSIUM SPARCIENT-2K16

REGISTRATION DETAILS

S.NO	NAME OF THE EVENTS	NO.OF PARTICIPANTS		AMOUNT PER BATCH	TOTAL AMOUNT
		NO.OF BATCH	NO. OF STUDENTS		
1	PAPER PRESENTATION	27	66	200	13,200.00
2.	NON TECHNICAL	33			
	TOTAL AMOUNT				13,200.00
Sum Of Rupees Thirteen Thousand Two Hundred Only					

SYMPOSIUM COORDINATOR

HOD/MECH



DEPARTMENT OF MECHANICAL ENGINEERING

SPARCIENT-2K16

NATIONAL LEVEL TECHNICAL SYMPOSIUM

VOUCHER

DEPARTMENT : MECHANICAL

EVENT : SYMPOSIUM SPARCIENT-2K16

AMOUNT : 3000/-

NAME OF THE RESOURCE PERSON : Dr.V.Anandakrishnan,

DESIGNATION &OFFICIAL ADDRESS : Assistant professor,
Department of production Engineering,
NIT-Trichy
Email:krishna@nitt.edu

RESOURCE PERSON SIGNATURE

CO.ORDINATOR

HOD/MECH



A National level technical symposium
SPARCIENT 2K16
Was organized by
The Department of Mechanical Engineering
(17th SEB, 2016)

SYMPOSIUM REPORT

On behalf of Management, Principal and **Mechanical Engineering Association (MEA)** we are glad to inform that the National Level Technical Symposium **SPARCIENT 2K16** was conducted on 17.09.2016 for the Mechanical Engineering students. We received around 56 papers from various Institutions in the state level, from which 42 papers were selected and registered.

INAGURATION

Around 9.00 am registration was started at Chera Hall. The inaugural session of **SPARCIENT 2K16** started with Prayer Song and Lightening of Holy lamp at 9.30 am (09.02.18). The Staff Co-ordinator Mr. H.AGILAN delivered welcome address and explained to the gathering about the significance of that meeting. This was followed by the student President Mr .S.VENKATESH introducing the chief guest.

The chief guest was then honored with shawl and momentum by Dr. T.PUSHPARAJ HOD/MECH and gave the presidential address.

Dr.V.ANANDHAKRISHNAN. NIT, Trichy, , was the chief guest, he delivered a special address to the gathering.



GUESTORIAL SPEECH

A motivational speech of our chief guest turned every one's blood enthuse who were presented there. His tolerating speech about our department makes students to think how far their destination was. They termed warmth with her inspirational speech.



TECHNICAL AND OTHER TECHNICAL EVENT SESSION

The forenoon session went well with the Paper presentation and CADD contest events between 11.00 am to 1.45 p.m. A team of "Paper Evaluation Committee evaluated and finalized the first, second and third prizes. Also enthusiastic students of our department exhibited some technical models and charts. The "Technical Event Committee" organized the Model Making, Mr.Mechanic, Nut and Bolt, and Technical Quiz events between 2.30 p.m to 4.15 pm.

Three cash prizes were awarded for paper presentation. First prize carried Rs.1200, Second prize Rs.900 and Third prize Rs.600 for other events, shields were distributed for the first and second places according to their performances. Participation certificates were given to all participants.

TECHNICAL EVENT SESSION (PAPER PRESENTATION



VALEDICTION

The symposium **SPARCIENT 2K16** came to an end with the valedictory function at 4.15 pm. Dr. T.PUSHPARAJ HOD/MECH, welcomed the participants for valedictory function and distributed the prizes and certificates to the winners in the technical events. Finally the Student Vice - President Mr.S.Vasanth delivered the vote of thanks and successfully concluded the symposium.

A. Sankar Raja

Student Co-ordinator

T. Pushparaj

Staff Co-ordinator

T. Pushparaj

Head of the Department



Ref.No.KCE/MECH/GL/2016-17

Date:24.7.2016

From

Dr. T. Pushparaj
Head of Department
Mechanical Engineering.
Kings College of Engineering
Punalkulam, Thanjavur

To

Dr.S.Kumaragurbaran
AP/ Thiyagarajar College of Engineering
Madurai

Dear Sir,

Sub: Request for deliver the guest lecture Reg.

We have planned for a guest lecture for III year Mechanical engineering students on the 30th July 2016 (9:30 AM-12:30PM) at our College. We are happy to invite you for delivering a guest lecture on this occasion. We would be very much thankful, if you accept our invitation.

Thanking you and looking forward to hear from you.

With regards,

A handwritten signature in blue ink, appearing to read 'T. Pushparaj', is written over a light blue rectangular stamp.

(Dr. T. Pushparaj)

Dr. T. PUSHPARAJ, ME., Ph.D.,
Asst. Prof. & Head-Mechanical Engineering
Kings College of Engineering
Punalkulam-613 303

Acceptance Letter

28.07.2016

From

Dr.S.Kumaragurbaran
AP/ Thiagarajar College of Engineering
Madurai.

To

Dr. T.Pushparaj
Head of Department
Mechanical Engineering.
Kings college Engineering.

Dear sir,

Sub: Acceptance for guest lecture in your college.

I have received your guest lecture invitation. I really happy for the same. I accept your guest lecture request for the given date and time. Please do necessary arrangements.

Thank you

With regards,

A handwritten signature in blue ink, reading "S. Kumaragurbaran / 28.07.16", is written over a light yellow rectangular background.

Dr.S.Kumaragurbaran



DEPARTMENT OF MECHANICAL ENGINEERING
INDIAN SOCIETY OF MECHANICAL ENGINEERS (ISME)
REPORT

In our Department of Mechanical Engineering, under the Indian Society of Mechanical Engineers (ISME), a Guest Lecture conducted in **Heat and Mass Transfer and It's Applications** by Dr.S.Kumaragurbaran AP/TCE Madurai on 30/07/2016 in our college. This resource person explained about the available Heat Transfer methods and its technical facts. This Guest Lecture is very useful to our mechanical engineering III year students. In this event totally 104 students participated.



Lecture by Dr.S.kumaragurbaran to the III year MECH students.

ISME Coordinator

R. Suriyamurthy / 28.07.16

(R.SURIYAMURTHY)

HOD/MECH

T. Pushparaj

(Dr.T.PUSHPARAJ)



Ref.No.KCE/MECH/GL/2016-17

Date:24.7.2016

From

Dr. T. Pushparaj
Head of Department
Mechanical Engineering.
Kings College of Engineering
Punalkulam, Thanjavur

To

Dr.A.Samuel Raja
AP/ Thiagarajar College of Engineering
Madurai

Dear Sir,

Sub: Request for deliver the guest lecture Reg.

We have planned for a guest lecture for III year Mechanical engineering students on the 30th July 2017 (9:30 AM-12:30PM) at our College. We are happy to invite you for delivering a guest lecture on this occasion. We would be very much thankful, if you accept our invitation.

Thanking you and looking forward to hear from you.

With regards,

A handwritten signature in purple ink, which appears to read 'T. Pushparaj'.

(Dr. T. Pushparaj)

Dr. T. PUSHPARAJ, ME, Ph.D.,
Asst. Prof. & Head-Mechanical Engineering
Kings College of Engineering
Punalkulam-613 303

Acceptance Letter

28.07.2016

From

Dr.A.Samuel Raja
AP/ Thiyagarajar College of Engineering
Madurai.

To

Dr. T.Pushparaj
Head of Department
Mechanical Engineering.
Kings college Engineering.

Dear sir,

Sub: Acceptance for guest lecture in your college.

I have received your guest lecture invitation. I really happy for the same. I accept your guest lecture request for the given date and time. Please do necessary arrangements.

Thank you

With regards,

A. Samuel Raja / 28.07.16

Dr.A.Samuel Raja



DEPARTMENT OF MECHANICAL ENGINEERING
INDIAN SOCIETY OF MECHANICAL ENGINEERS (ISME)
REPORT

In our Department of Mechanical Engineering, under the Indian Society of Mechanical Engineers (ISME), a Guest Lecture conducted in **Advanced IC Engines** Dr.A.Samuel Raja AP/TCE Madurai on 30/07/2016 in our college. This resource person explained about the recent technology developed in internal combustion engines. This Guest Lecture is very useful to our mechanical engineering IV year students. In this event totally 116 students were participated.



Lecture by Dr.A.Samuel Raja to the IV MECH students.

ISME Coordinator

R. Suriyamurthy / 28.07.16

(R.SURIYAMURTHY)

HOD/MECH

T. Pushparaj

(Dr.T.PUSHPARAJ)



INDEX

CRITERION: 3.2.2

Research and Development Section

Academic year	Details of the event	Page No.
2020-21	National Webinar on “Patents And Trademarks	507
	Kings Project Expo’21	510
2019-20	Seminar on Soft Skills	516
	Kings Science Expo - 2020	517
2018-19	One day Seminar on Aero Engines and Air Frames	520
	Seminar on Industrial Automation	529
	Special Lecture on Dos and Don’ts in drafting Proposals	532
2017-18	Seminar on Art of Writing a Paper	533
	ISRO – SPACE EXPO	541
	CCEEMTECHEXPO’2K17	550
2016-17	Workshop on Research Methodology & Statistical Tools for Research	555
	Workshop on Soft Computing	566



RESEARCH AND DEVELOPMENT SECTION AND INSTITUTION'S INNOVATION CELL

WEBINAR REPORT

Research and Development section in association with Institution's Innovation Cell has organized a national webinar on **"Patents and Trademarks"** on 19th January, 2021.

Beneficiaries : **Students, Research scholars and Faculty**
Session : **12.30 A.M to 1.30.P.M**
Venue : **Online (Google meet)**
Resource Person : **Dr. A. Balaji Ganesh**
Dean Research
Velammal Engineering College, Chennai

The objective of this webinar is to impart in depth knowledge on Patents, trademarks and copyrights. Dr. M. Meenalochani, Assistant Professor/ Department of EEE, Kings College of Engineering welcomed the participants and introduced the Resource person. The resource person had given the lecture on Intellectual Property Rights. In this lecture, he clearly explained about patent, types of patent and the difference between patent and copyright. His lecture clearly depicted how to identify problems, idea/solution for a problem and the methodology of developing a product/service for the problem. He also explained how to patent the developed product/service. In this webinar, 200 participants registered from various Institutions all over India. Participants had their queries answered by the resource person at the end of the session. All the attended participants gave their valuable feed back after the webinar session and E-certificate has been sent to them through email. The webinar brochure, copy of certificate for participants, list of participants and feedback analyses are given below.

Webinar Brochure



IEEE
STB16621



NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved By AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Gandarvakottai (tk), Near Thanjavur, Pudukkottai - 613303



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)
**20th Year of
Academic Excellence**
SEEK*STRIVE*SUCCEED

Webinar on Patents and Trademarks (An IIC Driven Activity)

Jointly organized by
Research & Development Section
and
MHRD's Institution Innovation Council



Dr. A. Balaji Ganesh,
Dean Research,
Velammal Engineering College,
Chennai

19.01.2021
Tuesday
12:30 p.m.



Registration link: <https://forms.gle/3zb6Dyj8Q74dDTfG9>

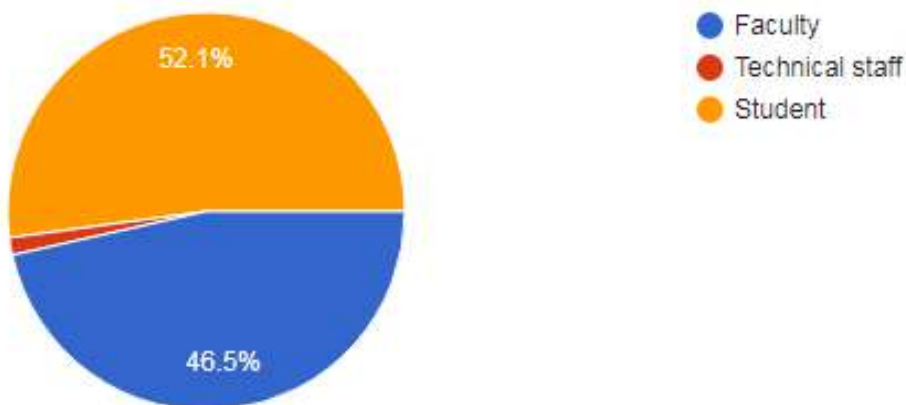
Coordinators
Dr. M. Meenalochani, AP/EEE
Mr. J. Niranjana Samuel, JRF/R&D

Convener
Dr. P.P. Shantharaman
Assoc.Prof/Mech

Vice President-IIC
Mr. R. Sundaramoorthi,
AP/EEE

President - IIC
Dr. J. Arputha Vijaya Selvi
Principal

Details of Participants



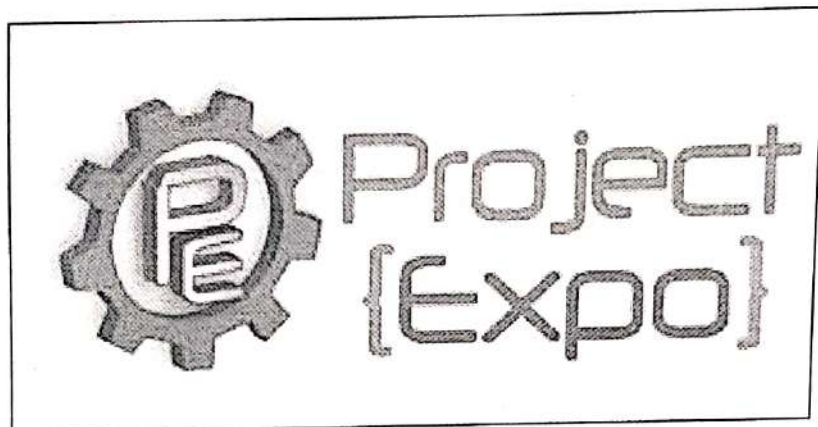
Sample Certificate

Cert. No :FAG8B8-CE000105 Date : 23-1-2021	 KINGS COLLEGE OF ENGINEERING NAAC Accredited & ISO Certified Institution Recognized by UGC under 2(f) & 12(B) Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai Punakulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.	 
Webinar on Patents & Trademarks <u>Certificate of Participation</u>		
This is to certify that Mr.S. R. KARTHIKEYAN		
from KINGS COLLEGE OF ENGINEERING ,		
has actively participated in the online webinar on Patents & Trademarks held on 19 th January - 2021, organized by R&D Section & MHRD's - IIC.		
Co-ordinators Dr.M.Meenalochini & Mr.J.Niranjana Samuel AP/ECE JRF/ECE-R&D	R&D Coordinator Dr.P.P.Shantharaman	Principal Dr.J.Arputha Vijaya Selvi
<i>This is an electronically generated certificate and does not need any signature.</i>		Made for free with Certify'em



KINGS PROJECT EXPO'21

09.04.2021



EXPO REPORT

**ORGANIZED BY
RESEARCH & DEVELOPMENT SECTION
KINGS COLLEGE OF ENGINEERING
PUNALKULAM - 613303
PUDUKKOTTAI DT**

YouTube live stream: <https://youtu.be/0LU-9BhrWE8>

BACKGROUND & OBJECTIVE:

Kings College of Engineering, Research & Development section in association with IIC & IEEE organized the "Kings Project Expo'21" for Engineering students on 09.04.2021. The main objective of this project expo is to provide a platform for the students to use their Engineering knowledge and bring the best inventions from their brains. It also allows students to work together in group to learn from each other. They shared their ideas and collectively galvanize those ideas to bring something innovative into implementation.

INAUGURAL SESSION

The Conference was inaugurated by the Chief Guest Dr.M.Kavitha, AP/Department of CSE, University College of Engineering, Rajamadam.



WELCOME ADDRESS

The welcome address was given by Dr.D.Sivakumar, Coordinator of Kings Science Expo'21. He welcomed the dignitaries, faculty members and the students from various educational Institutions across the state. Ms.T.Bhuvaneswari, Coordinator of Kings Science Expo'21 introduced about the chief guest. She elaborated the qualification and work experience of the chief guest. She also detailed about his project works and various responsibilities held by the chief guest

PRESIDENTIAL ADDRESS

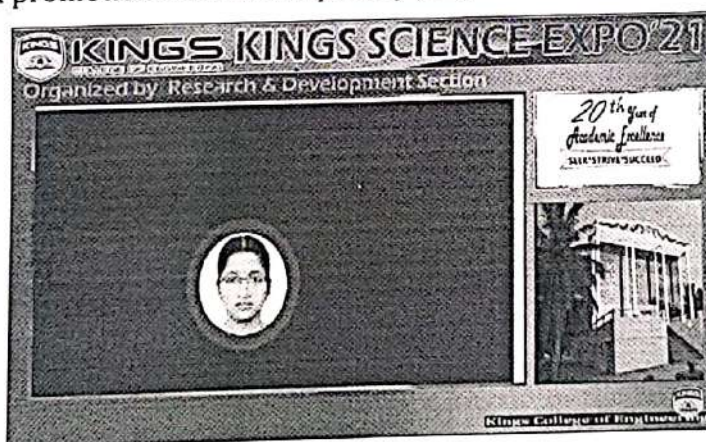
Dr.M.Kavitha, AP/Department of CSE, University College of Engineering, Rajamadam graced the occasion as chief guest and delivered the presidential address.

In her address, she lauded the Management and the academic administration of the institute for hosting Science expo. She insisted the students to make use of this platform as a rehearsal for their job. Students have to be clear with their ideas and to coordinate with the team members.



FELICITATION ADDRESS

Dr.J.Arputha Vijaya Selvi, Principal of our college delivered the felicitation address. She appreciated all the final year students for their involvement. She insisted the students to show their technical knowledge in software and hardware tools, presentation skills, creativity, scope for further enhancement and promotion of interdisciplinary projects.



After the inaugural session project expo were conducted individually by all departments.

EXPO DETAILS

71 batches participated in the Project expo. Students presented about their project through Google Meet. Each batch was given 10 - 15 minutes duration to explain their project. A Jury panel comprising of two senior faculty members evaluated the projects and gave feedback & valuable comments to the students. Based on the presentation, PPT content and outcome, marks were awarded by the Jury panel and 1 project was selected for rewards from each department.

PARTICIPANT DETAILS

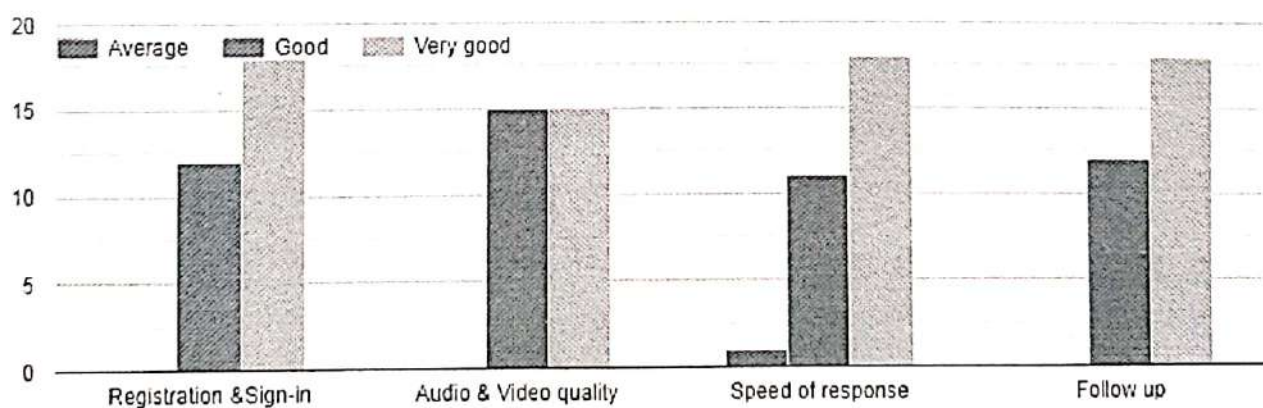
S.NO	DEPT	INTERNAL BATCHES	EXTERNAL BATCHES	TOTAL	WINNER
1	CIVIL	10	8	18	EXT(ARJCET)
2	CSE	10	---	10	INTERNAL
3	ECE	09	09	18	EXT(CKCET)
4	EEE	04	02	06	EXT(AAMEC)
5	MECH	17	02	19	INTERNAL
TOTAL		50	21	71	

OUTCOME:

Final year students from various department and PG students were eagerly participated in the Project Expo'2021. Students gained knowledge about online presentation and got valuable feedback from the faculty members which will be very much useful for their viva voice examinations.

FEEDBACK FROM THE PARTICIPANTS:

How did you find the Expo



Winners of the Kings Project Expo'21

Track	Title of the Project	Name of the Participants
Civil	Experimental Investigation of Self Cleaning Concrete by using Calcium Carbonate as Photocatalyst	C.Abirami, J.Bairavi, A.Sulomiya, A.R.J. College of Engineering And Technology, Mannargudi
CSE	Wireless IoT Based Solution for Women Safety"	Ms.Supritha C, Ms.Deepa N, Ms.Shiyamala R, Ms.Shalini P Kings College of Engineering
ECE	Automated crop protection system using different sounds	Ms.Saranraj K, Ms. Siva G, Ms.Reno S, Mr.Vishwa N CK College of Engineering & Technology, Cuddalore
EEE	Maximum Power Point Tracking Algorithms For Photovoltaic Systems	Ms.Akila S, Ms.Dhanalakshmi R Ms.Gobikha M, Ms.Latha M Anjalai Ammal Mahalingam Engineering College,Kovilvenni
MECH	Synthesis of Magnesium Metal Matrix Composites using Powder Metallurgy	J. Augustine Albert, N. Kaviyarasan S. Krishna, R. Mohammed Yasin Sharif Kings College of Engineering

E	F	G	H	I
How did you find the Exp	How did you find the Exp	How did you find the Exp	How did you find the Exp	Are you interested in part
Very good	Very good	Very good	Very good	Yes
Very good	Very good	Very good	Very good	Yes
Very good	Good	Very good	Very good	Yes
Good	Good	Good	Good	Yes
Very good	Very good	Very good	Very good	Yes
Very good	Very good	Very good	Very good	Yes
Good	Good	Good	Good	Yes
Very good	Very good	Very good	Very good	Yes
Good	Good	Good	Good	Yes
Good	Good	Good	Good	Yes
Good	Very good	Very good	Very good	Yes
Very good	Very good	Good	Good	Yes
Very good	Very good	Very good	Very good	Yes
Very good	Very good	Very good	Very good	Yes
Very good	Very good	Very good	Very good	Yes
Very good	Very good	Very good	Very good	Yes
Very good	Very good	Very good	Very good	Yes
Good	Good	Good	Good	Yes
Very good	Very good	Very good	Very good	Yes
Good	Good	Good	Good	Yes


COORDINATOR

(P. BHUVANESWARI)


CONVENOR


22/4/2021
PRINCIPAL



R & D Section

Seminar on “Soft Skills”

A Seminar on “**Soft Skills**” was organized on 24th January, 2020. Mr. J. Rajaparthiban, Assistant Professor/Mech and DRC Member welcomed the gathering. Mr. PP. Shantharaman, Associate Professor/Mech and DRC Convenor presided over the function. Mr. T. Pasupathi, AP/ECE, introduced the resource person to the gathering.



Mr. R. Ramachandran, Soft Skill Trainer, PWD (Retd), Govt. of Tamil Nadu was the resource persons. In his lecture, he briefed the students on the techniques and ways to improve their soft skills.

Details of Students Participated:

Mechanical Engineering	- 46
ECE	- 20
CSE	- 23
EEE	- 08
Civil	-15
I year	- 36
Total	- 148

J. Pasupathi

Principal



KINGS SCIENCE EXPO – 2020

Report

Kings Science Expo-2020, an online Project Exposition is planned on 05.06.2020 with an exceptional idea to showcase the research talents, innovativeness, and creativity of all final year Engineering students. The main aim for conducting such a program is to enhance the knowledge of students and motivate them to compete in the global competitive engineering field. The Expo acted as a forum to bring together students of various Engineering colleges to discuss innovative ideas and diverse topics on next generation technologies. Students are encouraged to develop prototype projects on recent societal issues with better efficiency and low-cost.

Objectives of the Expo:

- To provide a forum for sharing new design and alternative technologies.
- To promote affable interactive environment leading to exchange of new research ideas.

Topics of interest:

- (i) Renewable Energy-Green Energy
- (ii) Bio-medical Instrumentation
- (iii) Power Electronics
- (iv) Power Systems
- (v) Modern Power Systems
- (vi) Smart Grids
- (vii) VLSI in Power Electronics/Systems
- (viii) Embedded Systems
- (ix) Electrical Machines and Drives
- (x) Control Systems and Instrumentation

The Expo for Electrical and Electronics Engineering is scheduled at 10.30 A.M through online mode using Cisco Webex platform. Totally five batches registered for the Expo out of which one is

external and the remaining four batches are internal. Each batch is provided 15 minutes for their project demonstration.

The details of participants are as follows:

Batch ID	Participants	College	Title of the Projects
1.	M.Jai Sai Ram J. Mohamed Kalifa T. Veeramani	Kings College of Engineering	Automatic Fish Feeder Using An Intelligent Feeding Controller
2.	A.Praveen kumar S.Parthiban P.Aravindan	Kings College of Engineering	Implementation of battery monitoring system using IoT for electric vehicle applications
3.	R.Pavithra M.Rasika R.SakthiSridevi	Kings College of Engineering	Prediction of Fault and Protection of Single Phase motor
4.	T.Mutharasan A.Pavithran R.Raguraman	Kings College of Engineering	Implementation of GSM based Control and Monitoring of Substation
5.	S.Vimalraj V.Sathish S.Arul selvan M.Kabilan	Anjalai Ammal Mahalingam Engineering college	A Novel approach for EFOP: Analysis and Control of Electrolytic-less LED driver

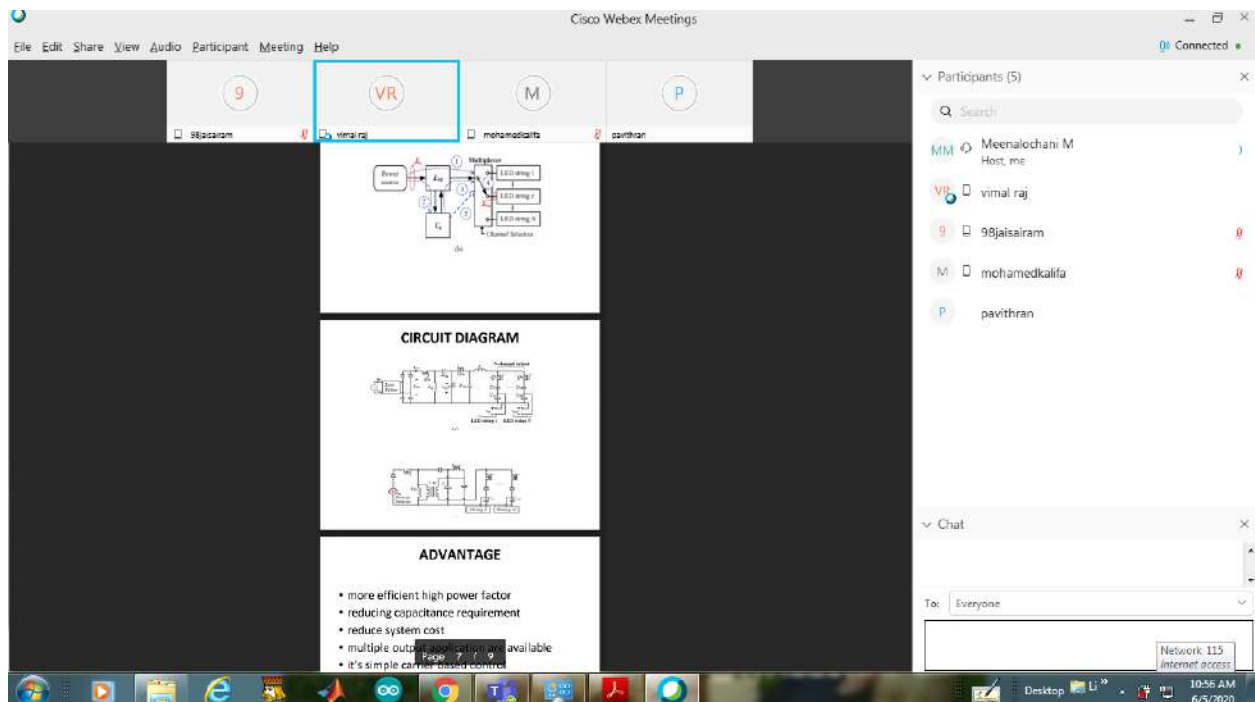
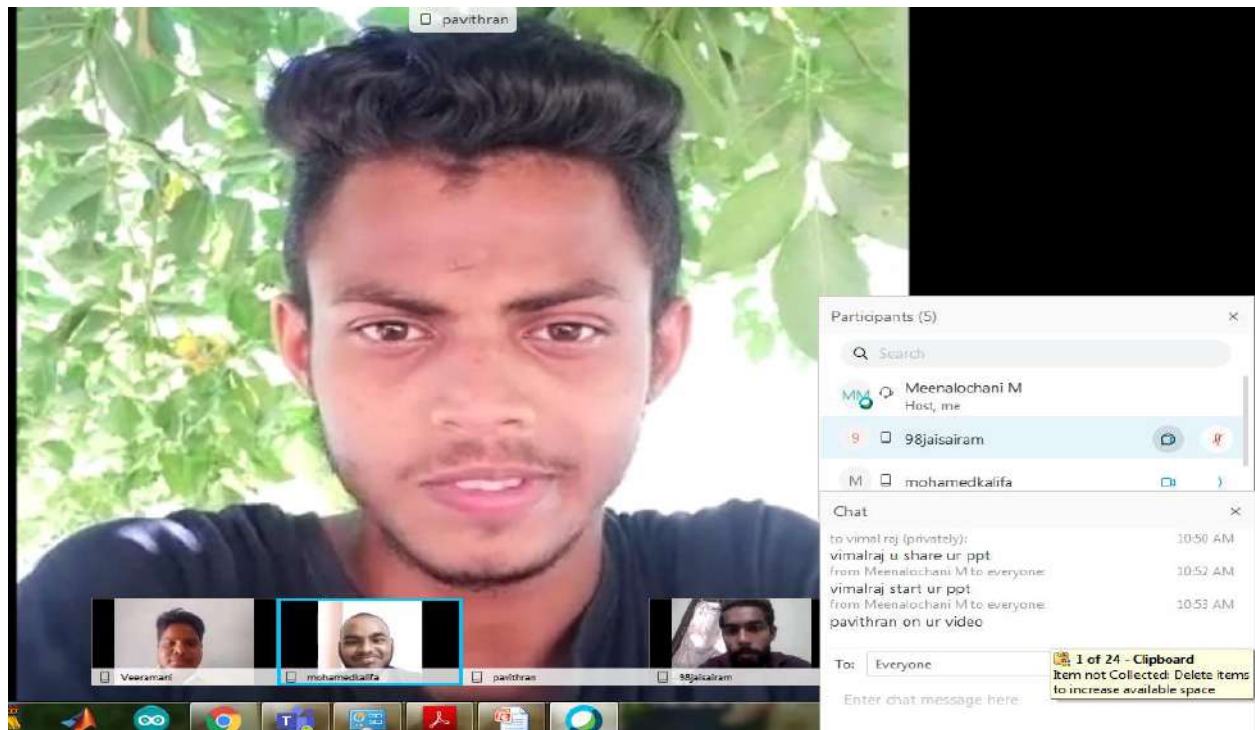
The participants are judged based on the following criteria:

- Design (Compactness and the efficiency of work done)/Model of the project
- Innovation/Novelty
- Relevance with practical need
- Presentation skills
- Clarification of queries

Outcomes of the Project Expo

- Develop professionals having good skills, self-learning ability and confidence to support and contribute to the growth of relevant industries.
- This provides opportunity for the students to demonstrate their learning experience.

Snapshots





05.09.18

Dr.J.Arputha Vijaya Selvi M.E.,Ph.D.,
Principal

To

The Commanding Officer

3 (TN) Air Sqn. Tech NCC. 7,

Emily Street, Crawford,

Thiruchirappalli-620012

Sir,

Sub: Request for deputing resource persons – Reg.

Greetings from Kings College of Engineering!

The Research and Development Cell of Kings College of Engineering is organizing a one day seminar on 28.09.18 titled **"Aero Engines and Air Frames"**. The purpose of this seminar is to provide an exposure to researchers and students on the current trends in Aero Engines and Air Frames. We would be thankful if you could kindly depute resource persons from your Air SQN (Tech.).

Looking forward to hear from you,

Thanking You

Yours Sincerely,

[Signature]
Dr.J.Arputha Vijaya Selvi

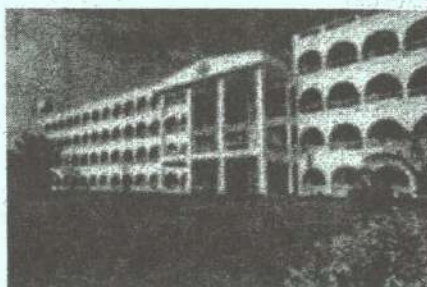
PRINCIPAL
Kings College of Engineering
Punalkulam- 613 303.

One day National Seminar on

Aero Engines & Air Frames – 2018

“NSAEAF-18”

28th September 2018



**Organized by
Research & Development Section**

KINGS COLLEGE OF ENGINEERING

NAAC Accredited Institution
(Approved by AICTE, New Delhi & Affiliated to Anna
University, Chennai)
Punalkulam -613303

Website: www.kingsindia.net

ORGANIZING COMMITTEE:

CHIEF PATRONS

Dr.R.Rajendran, Secretary
Mr.T.R.S.Muthukumaar,
Chief Executive Officer.

PATRON

Dr.J.Arputha Vijaya Selvi, Principal.

CO-PATRON

Dr. S.Sivakumar, Vice Principal.

ORGANIZING CHAIR

Prof. P.P.Shantharaman, AP/Mech.,

ORGANIZING COMMITTEE:

Prof.T.Pasupathi, AP/ECE
Prof.R.Ranitha, AP/CSE
Prof.K.Arun, AP/CIVIL
Prof.M.Mayapandi, AP/EEE
Prof.J.Rajaparthiban, AP/Mech.
Dr.A.L.Kavitha, AP/Chemistry.

Please mail your registration form to;

The Organizing Chair,
Seminar on Aero Engines & Air Frames,
R&D Section, Kings College of Engineering,
Punalkulam-613303

For further information contact :

Mr.P.P.Shantharaman - 9944876644

Mr.T.Pasupathi - 9894104645

SEMINAR CONTENT:

The seminar will be conducted in two sessions namely **Aero Engines & Air Frames**. The resource persons are **Defence personnel from Indian Air Force, 3 TN Air Sqn (Tech), NCC, Trichy.**

WHO CAN PARTICIPATE:

- UG/PG students
- Academicians
- Research scholars



REGISTRATION FEE:

UG/PG students	: Rs.200
Academicians	: Rs.250
Research scholars	: Rs.300

Registration fee includes workshop kit & refreshments

VENUE:

The college is located 15km from Thanjavur Railway station and 10 km from Thanjavur New Bus Stand. (Between Thanjavur and Pudukkottai Highway)

ABOUT THE INSTITUTION

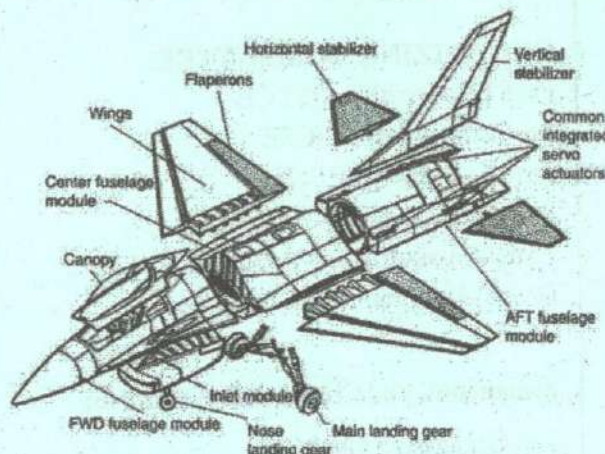
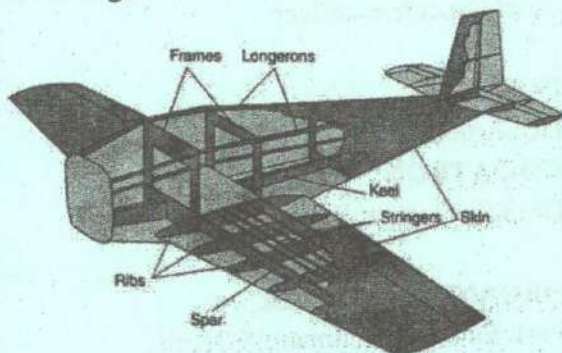
Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE was established during 2001 and run by Raj Educational Trust (RET). KCE is approved by All India Council of Technical Education (AICTE), New Delhi and is affiliated to the Anna University, Chennai. KCE has acquired ISO certification by TUV, Rheinland, Germany and Accredited by NAAC. Five U.G. (B.E.,) and four P.G. (M.E.,) programmes are being offered.

The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution.

OUR DEPARTMENT

The department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized centers for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCIT, AICTE-New Delhi, TNSCST-Chennai, Analog Devices-USA and Texas Instruments-USA are successfully carried out. Faculty members are

encouraged to participate in the faculty development programs, Workshops and Seminars organized by other institutions in their research area as a step towards strengthening their domain knowledge.



SEMINAR OBJECTIVE

The main objective of this seminar is to update the recent trends in Aero Engines and Air Frames for UG/PG students, faculty members and research scholars. The recent trends include the various types of Aero Engines & Air Frames used in Defence and their merits and demerits.

REGISTRATION FORMAT:

Participants are requested to provide the following details in the given format and send it by post or by email to: randd@kingsindia.net

One day National Seminar on "Aero Engines & Air Frames"

Registration Form

Full Name : _____

Qualification : _____

Organization : _____

Address : _____

Phone (Off) : _____

Phone (Res) : _____

Email : _____

Fee Details : _____

**Signature of
the Applicant**

**Signature of the
Sponsoring
Authority with seal**



**One day National level Seminar
on
“Aero Engines & Air Frames”**

Date: 28.09.2018

Venue: Chera Hall

Agenda

10.00 – 10.02	Tamil thai vaazhthu
10.02 – 10.04	Welcome Address by DRC Coordinator Mr.P.P.Shantharaman
10.05 – 10.10	Presidential Address by Principal
10.11 – 10.25	Inaugural Address by Vice Principal
10.26 – 10.28	Introduction to the Resource person
10.05 – 10.20	Honoring the Resource person by Principal
10.31 – 11.30	Technical Session –I
11.30 – 11.45	Tea Break
11.45 – 01.00	Technical Session – I continues
01.00 – 01.59	Lunch Break
02.00 – 03.00	Technical Session – II
03.00 – 03.15	Tea Break
03.15 – 04.00	Technical Session – II continues
04.01 – 04.10	Distribution of certificates
04.10- 04.15	Vote of Thanks
04.15- 04.20	National Anthem

Research & Development Section
National Seminar on

"Aero Engines & Air Frames"



NAAC Accredited Institution

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Gandarvakottai Taluk, Pudukkottai Dist. - 613 303.



CERTIFICATE OF PARTICIPATION



This is to certify that Mr. / Ms. _____
of _____
has participated in the National Seminar on "Aero Engines & Air
Frames" on 28th September, 2018, jointly organized by Research
and Development Section, Kings College of Engineering,
Punalkulam.



ORGANIZING CHAIR

PRINCIPAL

R & D Section and IEEE STB

Seminar on “Aero Engines and Air Frames”

A Seminar on “Aero Engines and Air Frames” was organized on 28th September, 2019. Mr. PP Santharaman, Associate Professor/Mechanical and DRC convener welcomed the gathering. Dr. S. Sivakumar, Vice Principal presided over the function and delivered presidential address. Mr. T. Pasupathi, AP/ECE, introduced the resource person to the gathering.

Sergeant **B. Rajesh**, Indian Air Force, 3TN Air Sqn (Tech). National Cadet Corps, Tiruchirappalli was the resource person. In his lecture, he briefed on the types of various engines and its applications in aircrafts. Also he shared his experience in assembling, testing of aircrafts and challenges faced during the work.



Traditional Welcoming of Guests



Dignitaries on the dais



Welcome Address by Mr. PP Santharaman



Presidential Address by Dr. S. Sivakumar, VP, KCE



Mr. T. Pasupathi, introducing the resource person to the gathering



Dr. S. Sivakumar, honouring the guest with shawl



Dr. S. Sivakumar, honouring the guest with memento



Sergeant B. Rajesh during the lecture



A view of the participants



Participants shared their experiences during seminar as feedback. Sergeant B. Rajesh, issued certificates to the participants.



One of the participant sharing the feedback



Distribution of Certificates



Mr. K. Arun, AP - DRC/Civil delivering vote of thanks




Organizing committee – AEAF'18

Mr. K. Arun, AP & DRC – Civil delivered vote of thanks. 104 participants from other institutions and 74 internal participants participated and got benefitted. The programme was concluded with national anthem.

Details of Participants		
External		
S. No	Name of the Institution	Number of Participants
1	MIET, Trichy	13
2	MAM College of Engg, Trichy	01
3	CARE, Trichy	06
4	UCE, Pattukkottai	21
5	Arasu Engineering College, Kumbakonam	24
6	AAMEC, Kovilvenni	01
7	J.J CET, Trichy	14
8	KSK College of Engg., & Tech., Thanjavur	06
9	SJCET, Thanjavur	18
Subtotal		104
Internal		
S. No	Dept	Number of Participants
1	Civil Engineering	13
2	Computer Science Engg	13
3	Electronics & Communication Engg.,	12
4	Electrical & Electronics Engg.,	07
5	Mechanical Engineering	29
Subtotal		74
Total (External and Internal)		178


 Organizing Chair 3/10/18


 03/10/18
 Principal



RESEARCH & DEVELOPMENT SECTION

One day National Seminar on Aero Engines & Air Frames – 2018

Budget Details of AEA-18 held on 28.09.18

Income particulars (Rs.)		
1	External participants 104*200	20,800.00
2	Internal participants 74*150	11,100.00
3	Total income	31,900.00

Expenditure particulars (Rs.)		
1	Lunch & Refreshment 200 Nos.	14,400.00
2	Resource person Gift & Honorarium	3,300.00
3	Flux for outside and chera hall	1,400.00
4	Seminar kit including notepad and pen	1,600.00
5	Certificate 200 Nos.	1,600.00
6	Postal, Decoration, snacks & water bottle	500.00
7	Total Expenditure	22,800.00

Total income = Rs.31,900.00

Total Expenditure = Rs.22,800.00

Balance amount = Rs. 9,100.00

[Signature]
29/9/18
DRC coordinator

[Signature]
01/10/18
PRINCIPAL

R & D Section

Seminar on “Industrial Automation”

A Seminar on “Industrial Automation” was organized on 02nd January, 2019. Mr. J. Rajaparthiban, Assistant Professor/Mech and DRC Member welcomed the gathering. Mr. PP. Shantharaman, Associate Professor/Mech and DRC Convenor presided over the function and honoured the chief guest. Mr. K. Arun, AP/Civil, introduced the resource person to the gathering.

Mr. I. Karthic Subramaniyan, Assistant Professor, Department of Aerospace Engineering, Periyar Maniammai Institute of Science and Technology, Thanjavur, and Mr. R. Rakesh, Assistant Professor, Department of Electronics and Communication Engineering, Periyar Maniammai Institute of Science and Technology, Thanjavur were the resource persons. In their lecture, they briefed the various kinds of automation technologies including hydraulics, pneumatics, PLC and sensors in the forenoon session.



Welcome Address by Mr. J. Rajaparthiban, AP/Mech



Mr. K. Arun, AP/Civil introducing the resource person to the gathering



Mr. P. P. Shantharaman, Associate Professor and DRC Convenor honouring the guest with shawl and Memento



Mr. T. Pasupathi, AP/ECE honouring the guest with shawl and Memento



Mr. I. Karthic Subramaniyan during the lecture



Mr. R. Rakesh during the lecture



A view of the participants

During the afternoon session, students visited the Centre of excellence for Training and Research in Automation Technologies (CETAT) at Periyar Maniammai Institute of Science and Technology, Thanjavur and learned the real time automation process with necessary tools.

Number of Students Participated:

Mechanical Engineering	- 63
ECE	- 32
CSE	- 25
EEE	- 05
Total	- 125



During demonstration at CETAT, PMIST, Thanjavur



RESEARCH & DEVELOPMENT SECTION

One day Workshop on Industrial Automation-2019

Expenditure Details of Workshop held on 02.01.19

Income particulars (Rs.)		
SN	Dept.	Total
1	Mech. - 63	6,300.00
2	ECE - 32	3,200.00
3	CSE - 25	2,500.00
4	EEE - 05	500.00
Total Income		12,500.00

Expenditure particulars(Rs.)		
SN	Details	Total
1	Flux	300.00
2	Transport facility	1,000.00
3	Certificate	1,040.00
4	Refreshments	1,560.00
5	Miscellaneous	164.00
Total Expenditure		4,064.00

Total Income = Rs.12,500.00

Total Expenditure = Rs. 4,064.00

Balance amount = Rs. 8,436.00

I. R. S. S.
4/1/19
DRC Convener

J. R. R. R.
18/1/19
Principal

Report - Special Lecture

R&D section and ISTE Staff Chapter (TN 205) organized a special lecture **“Dos & Don’ts in drafting Proposals”** on 16.03.2019. Dr. S. Krishna Kumar, Senior Technical Officer, DRDO, Avadi, Chennai, was resource person. In his lecture, he insisted the staff members to prepare proposals according to the guidelines of the funding agency. In addition, he briefed on the smart technologies and innovations that are deployed for the surveillance of our nation. While concluding, he insisted the staff to advise the students to contribute their technical knowledge in an effective way for the betterment of our Nation.



Dr. S. Krishna Kumar delivering lecture.

Prepared by

J. Ananthan
16/3/19

17.01.2018

From
T. Pasupathi & J. Niranjana Samuel
R & D Section,
Kings College of Engineering,
Punalkulam.

To
The Principal,
Kings College of Engineering,
Punalkulam.

Respected Madam,

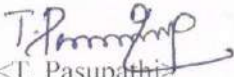
Sub: Requisition for permission – Seminar on Art of writing a paper – reg.,

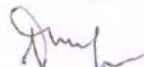
With reference to the above, hereby we wish to bring to your kind notice that R & D section is organizing a workshop on “**Art of Writing a Paper**” on 29th January, 2018.

In this regard, we request you to kindly grant us permission towards the same. Also let us be permitted to collect Rs. 3,000/- towards the workshop expenses from IEEE student branch savings account.

Thank you,

Yours faithfully,


<T. Pasupathi>


<J. Niranjana Samuel>

Submitted to Secretary Sir
J. Doncker
18/1/18

18/1/18

Don
20/01/18

Contents:

The seminar focuses on:

- Definition of Research
- Research theme search
- Citation writing practice
- Experiments and Analysis
- Research article writing
- Language issues
- Plagiarism
- Presentation

Resource Persons:

Faculties from reputed institutions like NITs and Faculty of Kings College of Engineering.

Registration fees:

Spot registration is permitted. Scanned copy of the registration form must be sent through e-mail qp@r before 28.01.2018.

IEEE Members	Rs.100
Non IEEE Member	Rs.250

The registration fee includes course material, lunch and refreshment.

Transport:

Participants can avail the transport facilities of the college.

Chief Patron:

Dr. R. Rajendran
Secretary

Mr. T.R.S. Mathakumar, MSc,
Chief Executive Officer

Patron:

Dr. J. Anupama Vijaya Selvi
Principal

Co-Patron:

Dr.S.Sivakumar
Vice Principal

Coordinators:

Mr. T. Pangathi
ADVICE - RAD

Mr. J. Niranjan Samuel
RI/R&D



Please mail your registration form to,

The Coordinator,
Seminar on Art of Writing a Paper,
R & D Section, Kings College of Engg.,
Punalakulam - 613303,
Phone : 04362 - 282474

For further information contact :

Mr. T. Pangathi : 98941 04645
Mr. J. Niranjan Samuel : 99947 18168



KINGS
COLLEGE OF ENGINEERING

NAAC Accredited Institution

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

SEMINAR ON ART OF WRITING A PAPER

Organised by

IEEE Student Branch
and
R & D Section
Kings College of Engineering

On
29th January, 2018

@
Kings College of Engineering
Punalakulam - 613 303
website: www.kingsindia.net

About our Institution:

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudakkottai Highway and run by Raj Educational Trust (RET). The institution offers six U.G and four PG programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

About R & D Section:

The Department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized as research centres for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCTE, AICTE, New Delhi, TNSCST, Chennai, Analog Devices, USA & Texas Instruments, USA are successfully carried out.

Faculty members are encouraged to participate in the faculty development programs, workshops and seminars organized by other institutions in their research area as a step towards strengthening their domain knowledge.

About the seminar:

Writing a scientific research paper is a pre-requisite for undertaking research. Substantial research effort is required to draft a scientific research paper by researchers. However scholars do not know how to draft a paper with the experimental results, required by the peer reviewed journals leading to rejection. Writing a research paper is an knowledge based skill.

This seminar offers a platform for the scholars to enrich their art in writing research papers. This workshop helps to emphasize the value of research and enables them to have an opportunity to publish their research findings in journals and understand the best practices of publishing journal papers.

Target Audience:

The seminar is open to Faculty Members, Students, Research Scholars and persons working in R&D Organizations and Industries.

Kings College of Engineering
Punalakulam - 613 303
Seminar
on
"Art of Writing a Paper"

Registration Form

Please fill this form and send it to qp@rdd@kingsindia.net.

1. Name (in block letters) _____
2. Qualification _____
3. Designation _____
4. Institution / Organization _____
5. Address for Communication : _____
6. Phone No. / Mobile _____
7. E-mail _____

Signature of the applicant

Signature of the Head of the Department



NAAC Accredited Institution
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Punalkulam, Gandarvakottai Taluk, Pudukkottai Dist. - 613 303.

CERTIFICATE

This is to certify that Mr. / Ms. _____
of _____ has participated in the seminar on "Art of
Writing a Paper" on 29th January, 2018, organized by R & D Section and IEEE Student
Branch, Kings College of Engineering, Punalkulam.

COORDINATOR

PRINCIPAL



KINGS
COLLEGE OF ENGINEERING

(Managed by Raj Educational Trust)
A NAAC Accredited Institution
Punalkulam Village, Gandarvakottai Taluk, Pudukkottai District - 613 303



Date : 29.01.2018

Head of A/c

Name of Payee Dr. S. Bhavathi Raju, Principal, I.G.C.E., Trichy.

DETAILS

Towards . Honorarium - Seminar on Art of writing a paper.

Rupees Three Thousand only

Rs. 3,000/-

Accountant

J. Arunkumar
20/1/18

Chairman

[Signature]
29/1/18

Receiver's Signature

Dr. J. Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL / Thanks / 17-18

29.01.2018

To

Dr. S. Bharathi Raja

Principal,

Indra Ganesan College of Engineering,
Tiruchirappalli.

Dear Sir,

On behalf of the organizing committee, I express my sincere thanks for your visit to our campus and delivering lecture in the one day seminar on **"Art of Writing a Paper"** on 29.01.2018 inspite of your busy schedule. The lecture was very informative and all the participants got benefited. I sincerely thank you for the efforts you have taken to make this lecture fruitful.

Regards,

J. Arputha Selvi
29/1/18

PRINCIPAL

Kings College of Engineering

PUNALKULAM-613 303.

Dr. J. Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL / Thanks / 17-18

29.01.2018

To

Dr. R. Amirtharajan,
Associate Professor, Department of ECE,
SEEE - SASTRA University,
Thanjavur.

Dear Sir,

On behalf of the organizing committee, I express my sincere thanks for your visit to our campus and delivering lecture in the one day seminar on “**Art of Writing a Paper**” on 29.01.2018 inspite of your busy schedule. The lecture was very informative and all the participants got benefited. I sincerely thank you for the efforts you have taken to make this lecture fruitful.

Regards,

J. Arputha Selvi
29/1/18

Dr. J. Arputha Vijaya Selvi

PRINCIPAL
Kings College of Engineering
PUNALKULAM-613 303.



R & D Section and IEEE STB

Seminar on “Art of Writing a Paper”

A Seminar on “**Art of Writing a Paper**” was organized on 29th January, 2018. Mr. T. Pasupathi, AP/ECE, welcomed and introduced the resource person to the gathering. Dr. J. Arputha Vijaya Selvi, Principal and IEEE SBC presided over the function and delivered presidential address. In her presidential address, she briefed the importance of research for students of engineering and technology. Also, she insisted the participants to undertake research and publish their findings in conferences and reputed journals and stressed that the research paper should reveal the uniqueness of the work carried out and clearly describe the strategies adopted in the work.

Dr. S. Bharathi Raja, Principal, Indra Ganesan College of Engineering, Tiruchirappalli, delivered inaugural address. In his address, he stressed on the importance of doing research. During the session I, he delivered talk on “**Research to Reward**”. In his lecture, he briefed on the methods of research: Scientific method, Engineering method, Empirical method and Analytical method. Also he explained the steps involved in research: Literature survey, open problem, need for present research, experimentation, analysis, validation and results & discussion.



Dignitaries on the dais



Dr. S. Bharathi Raja delivering inaugural address

In addition, he advised the students to refer ‘www.issn.org’ which reveals the format of universally accepted research papers. Also, he stressed the importance of literature survey and points to be cited as: what author did, what methodology has been followed and results of the research work. Finally, he shared how to make an attractive power point presentation and intellectual property rights.



A view of the participants



One of the participant sharing the feedback

Dr. R. Amirtharajan, Associate Professor/SEEE, SASTRA University, Thanjavur delivered talk on **“How to make an effective oral presentation without Plagiarism”** during session-II. In his lecture, he briefed about making an effective presentation with case study on “Image steganography”. During his lecture he demonstrated freeware plagiarism/grammar checking tools.



Dr. R. Amirtharajan delivering lecture



Dr. R. Amirtharajan issuing certificates to the participants

Dr. S. Sivakumar, Vice Principal presided over the valedictory function. Dr. R. Amirtharajan, issued certificates to the participants. Ms. Jaishree, student III ECE delivered vote of thanks. The programme was concluded with national anthem.

T. Pasumpon
Dr. S. Sivakumar
 Coordinators

J. Pasumpon
 3/2/18
 Principal

Dr. J.Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
PRINCIPAL

Ref: KCE /PRL/Proposal-Expo-2018/17-18

30.10.2017

To

Scientific Secretary,
ISRO Indian Space Research Organization HQ,
Department of Space,
Government of India Antariksh Bhavan,
New BEL Road Bangalore 560 231

Sir,

Greetings from Kings College of Engineering

Sub: Submission of Proposal – Project Expo 2018 – reg.,

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is an NAAC accredited institution approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET). The institution offers five U.G and five P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

We wish to inform you that we are organizing a two day Project Expo on “Engineering and Technology” during 29th – 30th March, 2018. Herewith, we are submitting a proposal of the same for your kind perusal. In this regard, we seek your consent to let us be permitted to include ISRO as technical partner in organizing the KINGS EXPO’2018 tentatively during March, 2018.

Regards,


30/10/17

PRINCIPAL **PRINCIPAL**

Kings College of Engineering

Encl. **PUNALKULAM-613 303.**

Proposal seeking partial technical assistance with necessary documents.

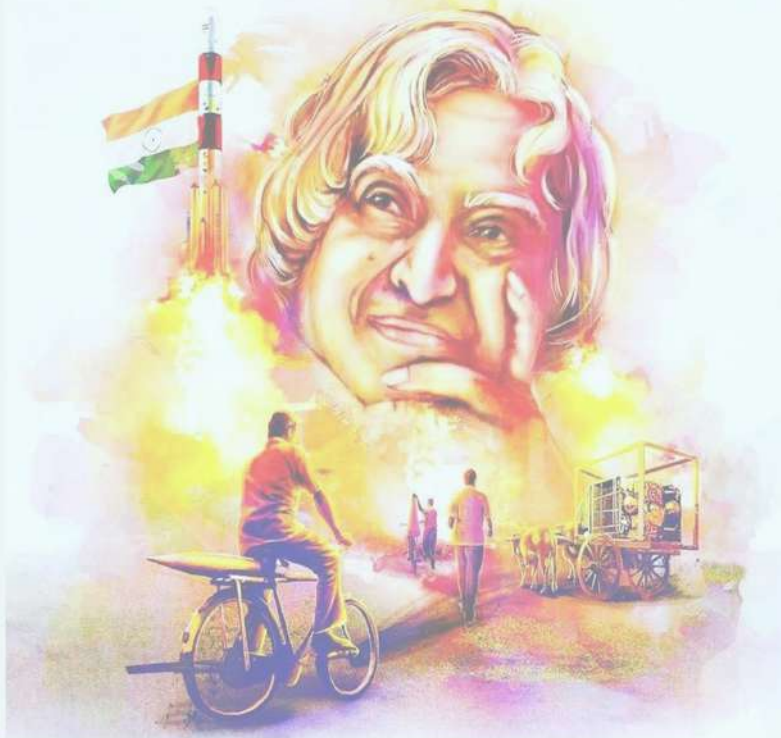


KINGS
COLLEGE OF ENGINEERING
NAAC Accredited Institution
Punalkulam, Thanjavur.



Proudly presents

ISRO - SPACE EXPO



Shri. S. Pandian

Director

ISRO Propulsion Complex

Mahendragiri

has kindly consented to inaugurate the Expo

All are invited

Venue: Kings College Campus, Chera Hall on 23rd March, 2018

Management, Principal, Staff & Students



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



ISRO SPACE EXPO

INAUGURAL FUNCTION

Date: 23.03.2018

Time : 10: 00 a.m.

Venue: Chera Hall

PROGRAMME SCHEDULE

Invocation

Lighting of Ceremonial Lamp

Welcome address

Introducing the Chief Guest

Honouring the Guests

Presidential Address

Keynote Address

Vote of Thanks

Press Meet

Inaugurating the EXPO

Dignitaries

Dr.J.Arputha Vijaya Selvi,

Principal, KCE

Dr. S. Sivakumar,

Vice Principal, KCE

Dr. R. Rajendran,

Secretary, KCE

Shri.T.R.S.Muthukumaar,

Chief Executive Officer

Dr. R. Rajendran,

Secretary, KCE

Shri. S. Pandian,

Director, IPRC (ISRO)

Dr. V. Suresh Kumar,

HOD/S&H, KCE

@ Chera Hall

Shri. S. Pandian,

Director, IPRC (ISRO)



ISRO – SPACE EXPO

Kings College of Engineering, Thanjavur organized Space Expo in association with ISRO – Propulsion Complex (IPRC), Mahendragiri on 23rd March, 2018. This event has been organized to cherish the achievements of ISRO in space science and to make awareness among the school and college students regarding the achievements of India in space technologies. The main focus of the SPACE EXPO organized by KCE in association with IPRC is to exhibit the latest technological advancement, related systems and technical services in the area of space science and engineering. Students have been made to know the opportunities for pursuing studies and career at ISRO.

Dr.J.Arputha Vijaya Selvi, Principal, welcomed the gathering. Dr.R.Rajendran, Secretary, presided over the function and delivered presidential address. In his presidential address, he briefed on the advancements made by ISRO on satellite development. Also he noted that Indian scientists are talented to develop low cost launch vehicles compared to NASA.

Shri. S.Pandian, Director, IPRC, Mahendragiri inaugurated the exhibition and delivered the keynote address. In his keynote address, he briefed on the future plans of ISRO in space technology. ISRO is in the process of developing satellites that helps the fishermen to navigate and detect cyclones locations. Finally, while concluding he stated ISRO has started working on sending human to space.

Shri.T.R.S.Muthukumaar, Chief Executive Officer, Dr.S.Sivakumar, Vice Principal, Shri.R.Annamalai, PRO, Heads & students of various departments of the college were present. Dr.V.Sureshkumar, Head – S&H delivered vote of thanks. More than 4,000 Students from various schools and colleges in and around Thanjavur and Pudukkottai districts visited the exhibition and got benefitted.

GLIMPSES OF ISRO SPACE EXPO



Shri. S. Pandian, Director, IPRC, Mahendragiri is being received by Dr. R. Rajendran, Secretary, KCE



Shri.S. Pandian receives honour by NCC



Shri. S. Pandian led by NCC to the expo venue



Shri. S. Pandian inaugurates the expo. Secretary, CEO, Principal, Vice Principal and PRO are seen in picture



Shri. S. Pandian viewing the expo along the dignitaries



Shri. S. Pandian explains the happenings at IPRC to the dignitaries



Shri. S. Pandian interacting with faculties



School students viewing the expo



School students viewing the expo



School students viewing the expo



Dignitaries on the dais



A view of the participants at the seminar hall



Shri. S. Pandian inaugurating the expo



Dr. J. Arputha Vijaya Selvi, Principal delivering welcome address



Dr. S. Sivakumar introduces Shri. S. Pandian to the august gathering



Dr. R. Rajendran honours Shri. S. Pandian



Shri.T.R.S Muthukumaar,CEO, KCE honours Shri. S. Pandian



Dr. R. Rajendran, delivering presidential address



Shri.S. Pandian, delivering keynote address



Dr. V. Suresh Kumar, HOD/S&H and convenor-space expo delivering vote of thanks



Organizing Committee with the Director - IRPC

*J. Murugesan
3/1/18*



R Rajendran <secretaryret@kingsindia.net>

Participation in Kings Expo-2018

1 message

rs_kannu@iprc.gov.in <rs_kannu@iprc.gov.in>

2 January 2018 at 19:16

To: secretaryret@kingsindia.net

Dear Sir,

With reference to the letter, dated 31.10.2017, from the Principal of Kings College of Engineering, Pulatkulam to Director, IPRC, and your telephonic discussion, Director, IPRC has kindly consented to participate in the subject expo in your college, to enlighten the students community.

Your are requested to inform us the finalised date and detailed programme of the function for making necessary arrangements.

With regards,

RS Kannu
DM, PPED, IPRC
ISRO, Mahendragiri
Mob : 9442150183
Ph : 04673-281210, 211

To
Mr. J. Nizharajan
J. Nizharajan
31/1/18

This message has been scanned for viruses and dangerous content by MailScanner, and is believed to be clean.

30-03-2017

From
T.Pasupathi
AP/ECE
KCE.

To
The Principal
Kings College of Engineering
Punalkulam

Respected sir,

Sub: Project Expo - Juries - Reg.,

I bring to your to your kind notice that R&D section of our institution is organizing **CCEEM TECHEXPO'2K17** on 31st Mar 2017. In this regard I request your good self to utilize the following staff members as juries for the expo. Also request you to permit us to utilize pallava hall towards the prize distribution.

1. Ms. R. Revathi- AP/Civil.
2. Mrs. S. Puvaneswari- AP/CSE
3. Mr. T. Jeya Seelan- AP/ECE
4. Mr. J. Arokiaraj- AP/EEE
5. Mr. H. Agilan - AP/Mech

Thank you

Yours faithfully,



Submitted to Principal.
J. Puvaneswari
30/3/17.

okay
4/3/17



KINGS
COLLEGE OF ENGINEERING

Punalkulam

CCEEM TECH EXPO'2K17

31st March, 2017

Agenda

01.30 p.m. to 02.15 p.m.	Registration
02.30 p.m. to 03.45 p.m.	Demonstration & Evaluation
03.45 p.m. to 04.00 p.m.	Tea Break
04.05 p.m. to 04.30 p.m.	Prize distribution

*Submitted to Principal.
J. Monu
30/3/17.*

GA.

R & D Section

CCEEM2K'17 TECH EXPO

CCEEM2K'17 Tech Expo was jointly organized by Research & Development Section and IEEE Student Branch (STB16621) on 31st March, 2017. It was formally inaugurated by Dr. J. Arputha Vijaya Selvi, Dean (R&D).



A view of the projects displayed at the Project EXPO



Experts reviewing the projects displayed



Experts reviewing the projects displayed

Students of various streams of engineering from institutions all over the state came out with ~~30~~ working models and exhibited them. A team of experts reviewed the projects based on Innovation/ Novelty, Working model/ Simulation result and Relevance to the field / social needs.

Based on the experts review report, cash prizes were awarded. The Best Domain Award – Civil won by Kings College of Engineering for the project titled **‘Behaviour of Expanded Polystyrene Brick’**, Best Domain Award – CSE won by Mepco Schlenk Engineering College, Sivakasi for the project titled **‘Efficient Scientific Workflow Scheduling in Multitenant Cloud Environment’**, Best Domain Award – ECE won by P.R. Engineering College, Thanjavur, for the project titled **‘Base Transceiver Station with Auto Power Generation using Renewable Energy Sources’**, Best Domain Award – EEE won by Kings College of Engineering for the project titled **‘Homemade Gyromill Power Generation (HGPG)’**, Best Domain Award – MECH won by Kings College of Engineering for the project titled **‘Extraction of Hydrogen from Water from Carbon Graphite Method and used as a Fuel’**. The First prize was won by the team from civil engineering, Kings College of Engineering for the project titled **‘Experimental Investigation of Influence of Marble Powder on Concrete as Partial Replacement of Cement’** and Second prize was won by the team from Mepco Schlenk Engineering College, Sivakasi for the project titled **‘Efficient Scientific Workflow Scheduling in Multitenant Cloud Environment’**.



Team receiving First Prize from Dr. J. Arputha Vijaya Selvi



Team receiving Second Prize from Dr. J. Arputha Vijaya Selvi



Team receiving Best Domain Award – Civil from Dr. J. Arputha Vijaya Selvi



Team receiving Best Domain Award – EEE from Dr. J. Arputha Vijaya Selvi



Team receiving Best Domain Award – ECE from Dr. J. Arputha Vijaya Selvi



Team receiving Best Domain Award – Mechanical from Dr. J. Arputha Vijaya Selvi

Mr. T. Pasupathi, AP/ECE proposed Vote of Thanks.

List of Institutions - Participated

Internal	External
<ul style="list-style-type: none"> • Kings College of Engineering <ul style="list-style-type: none"> ○ Civil – 08 (31 students) ○ CSE – NIL ○ ECE – 05 (20 students) ○ EEE – 04 (12 students) ○ MECH –04 (14 students) 	<ul style="list-style-type: none"> • Mepco Schlenk Engineering College, Sivakasi - 01 batch (03 students) • P.R. Engineering College, Thanjavur – 05 (17 students) • Arasu Engineering College, Kumbakonam - 01(03 students) • Government College of Engineering, Sengipatti -02 (07 students)

Income & Expenditure

Income	INR	Expenditure	INR
Registration Fees: Rs.300 x 30	9000	I Prize	1000 ✓
		II Prize	500 ✓
		Best Domain Rs. 500 x 4	2000
		Flex	600
		Certificate	1125
		Refreshment	800
Total	9000	Total	6025

T. Praveen Kumar
Coordinator

J. Praveen Kumar
Dean
4/4/17

S. S. S.
Principal

Dr. J. Arputha Vijaya Selvi M.E., Ph.D.,
Dean

Ref.: KCE/Dean/Workshop/16-17

Date: 18.02.2017

To

Dr. V. R. Sarma Dhulipala,
Assistant Professor,
Anna University BIT Campus,
Trichy

Dear Sir,

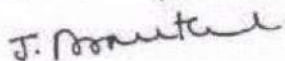
Sub: Request for Consent – Workshop on Research Methodology– reg.,

Greetings to you from Kings College of Engineering

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET). The institution offers six U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

In this regard, we request your consent to deliver lecture in the workshop on “**Research Methodology**” on 25th February 2017.

Regards,



Dr. J. Arputha Vijaya Selvi,
B.E., M.E., Ph.D.,
DEAN - R&D
Kings College of Engineering,
Punalkulam, Gandarvakottai Tk,
Pudukkottai District - 613 303,
Tamilnadu.

Request for Consent - workshop on research methodology - reg.,

VR SARMA Dhulipala <dvrarma@gmail.com>

Tue, Feb 21, 2017 at 6:24 PM

To: "Kings College of Engg., R & D" <randdece@gmail.com>

Dear Coordinator,

Greetings. Thanks for the invitation. I am pleased to be the speaker for the event.

[Quoted text hidden]

Dr. J. Arputha Vijaya Selvi M.E., Ph.D.,
Dean

Ref.: KCE/Dean/Workshop/16-17

Date: 24.11.2016

To
Dr. Vasumathi,
Assistant Professor,
Production, Operations, Systems and Quantitative Methods,
VIT Business School,
Vellore.

Dear Madam,

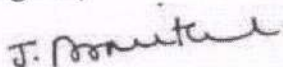
Sub: Request for Consent – Workshop on Research Methodology– reg.,

Greetings to you from Kings College of Engineering

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET). The institution offers six U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

In this regard, we request your consent to deliver lecture in the workshop on “**Research Methodology**” scheduled on 17th February 2017.

Regards,



Dr. J. Arputha Vijaya Selvi,
B.E., M.E., Ph.D.,
DEAN - R&D
Kings College of Engineering,
Punalkulam, Gandarvakkottai Tk,
Pudukkottai District - 613 303,
Tamilnadu.

Requisition of Consent - Workshop on Research Methodology - reg.,

Vasumathi A <avasumathi@vit.ac.in>

25 November 2016 at 18:16

To: research develop <randd@kingsindia.net>

Cc: charan charan <charanyame@gmail.com>

Dear Madam,

Warm Greetings!

Thanks for inviting me as a Resource Person. PFA of my resume. How many hours I have to deliver lecture in FDP? Can I take the session in Computer Lab. So that the participants will get hands on experience on SPSS.

Thanks and Regards,

Dr.A.Vasumathi
Associate Professor & MBA Program Coordinator,
VIT Business School,
VIT University,
Vellore-14,
Tamil Nadu, India
9443192736

From: research develop <randd@kingsindia.net>**Sent:** Thursday, November 24, 2016 2:38 PM**To:** Vasumathi A**Cc:** charan charan**Subject:** Requisition of Consent - Workshop on Research Methodology - reg.,

[Quoted text hidden]



Dr.A.Vasumathi Resume.doc

176K

Contents:

- Problem Identification
- Planning the prerequisites
- Methodology for research
- Concepts of Validation
- Analysis of results and concluding remarks
- Overview of statistical analysis tools

Resource Persons:

Dr. A. Vasumathi,
Assistant Professor,
VIT Business School,
Vellore.

Faculty of Kings College of Engineering.

Registration fees:

Spot registration is permitted. Scanned copy of the registration form must be sent through e-mail on/or before 20.02.2017.

IEEE Members : Rs.200
Non IEEE Member : Rs.300

The registration fee includes course material, lunch and refreshment.

Transport:

Participants can avail the transport facilities of the college.



KINGS
COLLEGE OF ENGINEERING

NAAC Accredited Institution

(Approved By AICTE, New Delhi & Affiliated to Anna University, Chennai)

Chief Patrons:
Mr.T.R.S.Muthukumar, MBA,
Chief Executive Officer

Patron:
Dr.S. Durairaj, B.E., M.E., Ph.D., PDF.,
Principal

Co-Patron:
Dr.S.Sivakumar, B.E., M.Tech., Ph.D.,
Vice Principal

Convenor:
Dr. J. Arputha Vijaya Selvi, B.E., M.E., Ph.D.,
Dean (R & D)

Coordinator:
Mr. T. Pasupathi, M.E., (Ph.D.),
AP/ECE - R&D

Mr. A. Herald, M.E., (Ph.D.),
AP/ECE



Please mail your registration form to:

The Coordinator,
Workshop on Research Methodology &
Statistical Tools for Research,
R & D Section, Kings College of Engg.,
Punalkulam- 613303.
Mobile : 04362 - 282474

For further information contact :

Mr. T. Pasupathi - 98941 04645
Mr. A. Herald - 94868 02587

Workshop on Research Methodology & Statistical Tools for Research



Organised by

IEEE Student Branch
and

R & D Section
Kings College of Engineering

On

25th February - 2017

@

Kings College of Engineering
Punalkulam - 613 303
website: www.kingsindia.net

About our Institution:

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET). The institution offers six U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

About R & D Section:

The Department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized as research centres for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCIT, AICTE, New Delhi, TNSCST, Chennai, Analog Devices, USA and Texas Instruments, USA are successfully carried out. Faculty members are encouraged to participate in the faculty development programs, workshops and seminars organized by other institutions in their research area as a step towards strengthening their domain knowledge.

About the workshop:

The aim of this workshop is to provide an initiative towards the complex research methods, either pursuing or planning to initiate research in any area of engineering. The orientation of the workshop is aimed towards understanding research in multiple perspectives and helps the participants to acquaint with recent developments.

Eligibility:

The workshop is designed to cater to the needs of research scholars, final year UG/PG students and faculty members in engineering, science and management and allied fields pursuing or aspiring to do research.

Outcome:

The participants will get a hands-on-session and will learn how to carry out statistical data analysis using them. By the end of the programme they will be able to develop their conceptual clarity and practical knowledge to run the software for analysis and interpreting the data for their research.



Kings College of Engineering
Punalkulam - 613 303
Workshop

on

"Research Methodology & Statistical Tools for
Research"

Registration Form

Please fill this form and send it to us by email
randd@kingsindia.net

1. Name (in block letters) ;
2. Qualification ;
3. Designation ;
4. Institution / Organization ;
5. Address for Communication ;
6. Phone No. / Mobile ;
7. E-mail:

Signature of the applicant

Signature of the Head of the Department



Research and Development
Workshop
on
“Research methodology and Statistical tool for research”

Date: 25.02.2017

Venue: Pallava Hall

AGENDA

10.15 – 10.18	Invocation Song
10.19 – 10.22	Welcome Address – Dr. J.Arputha Vijaya Selvi, Dean, KCE
10.23 – 10.25	Honoring the Guest
10.26 – 10.30	Introduction to guest – Mr. T.Pasupathi, AP/ECE, KCE
10.31 – 10.40	Inaugural Address – Dr.A. Vasumathi, Professor, VIT-BS, Vellore
10.41 – 11.00	Tea Break
11.00 – 01.00	Session-1 “Hands on session on SPSS tool” <i>Dr.A. Vasumathi, Professor, VIT-BS, Vellore</i>
01.00 – 02.00	Lunch
02.01 – 02.05	Introduction to guest – Ms. E.Suganya, AP/R&D, KCE
02.00 – 03.00	Session-2 “Research methodology” <i>Dr. V.R.Sarma Dhulipala, Asst. Professor/S&H, AU BIT, Trichy</i>
03.00 – 03.15	Tea Break
03.15 – 04.00	Session-2 Continues

Valedictory Function

04.01 – 04.05	Feedback from participants
04.06 – 04.10	Distribution of Certificates
04.11 – 04.13	Vote of Thanks – Mr. A.Herald, AP/ECE, KCE
04.14 – 04.15	National Anthem

*Submitted to Principal
J. Perumal
23/2/17.*



Research & Development Section
Workshop on "Research methodology and Statistical tool for research"
25-02-2017

Details of Income, Expenditure & Participants

S.No	Registration category	No.of participants	Amount
1	External(300)	14	4200
2	Internal(150)	13	1950
Total			6150

Expenditure

S.No	Particulars	Amount(Rs)
1	Flex	100
2	Certificate	400
3	Postage	200
4	Canteen	1440
5	Remuneration	7500
6	Room rent	605
7	Refreshment	400
Total		10645

Participants List

S.No	Name of the college	No.of Participants
1	K.Ramakrishna College of Technology, Trichy	4
2	Jairam College of Engineering, Trichy	3
3	P.R.Engineering College, Thanjavur	1
4	VBIT, Hyderabad	1
5	Kuppam College of Engineering, Kuppam	1
6	University College of Engineering, Pattukottai	1
7	Sengunthar Engineering College, Erode	1
8	Periyar Maniammai University, Thanjavur	2
9	Kings College of Engineering	13

Report - Workshop on "Research Methodology and Statistical Tools for Research"

IEEE Student Branch and R & D section of our college organized a one day workshop on "Research Methodology and Statistical Tools for Research" on 25th February, 2017. **Dr. J. Arputha Vijaya Selvi**, Dean (R & D) welcomed the gathering. **Mr. T. Pasupathi**, Assistant Professor, ECE, introduced the resource person to the gathering. **Dr. J. Arputha Vijaya Selvi**, honored **Dr. A. Vasumathi**, Professor & Programme Coordinator-MBA, VIT Business School, VIT University, Vellore.



Dr. J. Arputha Vijaya Selvi, Dean (R&D) delivering welcome address



Mr. T. Pasupathi introducing the resource person



Dr. J. Arputha Vijaya Selvi honoring Dr. A. Vasumathi, Professor, VIT B School, Vellore

Dr. A. Vasumathi, delivered inaugural address. In her inaugural address, she briefed the three essentials for doing research: Hard work, Punctuality and Dedication. Also she stressed the importance of publishing the findings in reputed journals and research work should be time bound.



A view of participants



Dr. A. Vasumathi delivering inaugural address

Dr. A. Vasumathi, gave an introduction on using IBM SPSS for statistical analysis. A hands-on-session on using IBM Statistical Package for the Social Sciences (SPSS) for analyzing results obtained during experimentation was given. An empirical study on “The impact of Emotional Intelligence on Work Life Balance among the Faculty Members’ Performance in the Educational Institutions, Tamil Nadu, India” was briefed. During the hands-on-session analysis, the above study was carried out using the questionnaire and datasets.



Dr. A. Vasumathi during Hands-on-session

Dr. J. Arputha Vijaya Selvi, honored **Dr. V. R. Sarma Dhulipala**, Assistant Professor, AU BIT Campus, Trichy. **Ms. E. Suganya**, Assistant Professor, R&D, introduced the resource person to the gathering.



Dr. V. R. Sarma Dhulipala at the dias



Ms. E. Suganya introducing the resource person

During Session – II **Dr. V. R. Sarma Dhulipala**, Assistant Professor, AU BIT Campus, Trichy delivered lecture on “**Research in Modern Era**”. In his lecture, he briefed about Systematic – research process, Logical – induction/deduction, Empirical – evidence based, Reductive – generalisation and Replicable – methodology. During the session III **Dr. V.R. Sarma Dhulipala** Tiruchirappalli, delivered lecture on “**Paper Writing: Nitty – Gritty**”. In his lecture, he briefed that the title of the paper should be catchy, conceptual and scientific. He stressed the importance in writing abstract of the article and choosing keywords. He discussed that result and analysis part should be graphically illustrated and not descriptive.



Dr. V.R Sarma Dhulipala delivering lecture



Ms. E. Suganya delivering Vote of thanks

Dr. V.R. Sarma Dhulipala presided over the valedictory function issued the certificates to the participants. Ms. E. Suganya, Asst.Prof, R&D proposed the vote of thanks. 14 delegates from other institutions and 13 internal participants attended the workshop. The workshop was concluded with National Anthem.

T. Pasamurthy

submitted to Principal
J. Monu Kumar
27/2/17

SUBMITTED TO THE PRINCIPAL

Date: 27.10.2016

Respected Sir,

SUB: Seeking Permission to conduct Two day workshop on "Soft Computing Techniques for Optimization"- reg.

With reference to the above, I wish to bring to your kind notice that R & D section of our college has planned to organize a two day workshop on "Soft Computing Techniques for Optimization" for UG & PG students , Research Scholars and Faculty members during 20.01.2017 & 21.01.2017.


In this regard, I request you to kindly grant permission to organize the same.

Thank You.

Yours Faithfully,

J. Arputha Vijaya Selvi
27/10/16.

Dr.J.Arputha Vijaya Selvi





research develop <randd@kingsindia.net>

Invitation Workshop on Soft Computing- Kings College of Engineering

amir@ece.sastra.edu <amir@ece.sastra.edu>
To: research develop <randd@kingsindia.net>

18 January 2017 at 11:18

Dear Arputhavijayaselvi mam

Greetings & Thanks for the invitation

My Topic is "Soft Computing Techniques for Information security"

With Warm Regards

R. Amirtharajan M.Tech., Ph.D.,
Associate Professor
Department of Electronics & Communication Engineering
School of Electrical & Electronics Engineering
SASTRA University
Thanjavur 613 401
India

http://www.sastra.edu/staffprofiles/schools/seee.php?staff_id=C227
<http://orcid.org/0000-0003-1574-3045>
<http://scholar.google.com/citations?user=jinufVsAAAAJ>
<http://www.livedna.net/?dna=91.1782>
<http://www.researcherid.com/rid/C-6471-2011>

From: "research develop" <randd@kingsindia.net>**To:** amir@ece.sastra.edu**Sent:** Friday, January 13, 2017 11:52:19 AM**Subject:** Invitation Workshop on Soft Computing- Kings College of Engineering

[Quoted text hidden]

Workshop
on
Soft Computing
21st January, 2017

IEEE Student Branch and R&D Section
Kings College of Engineering

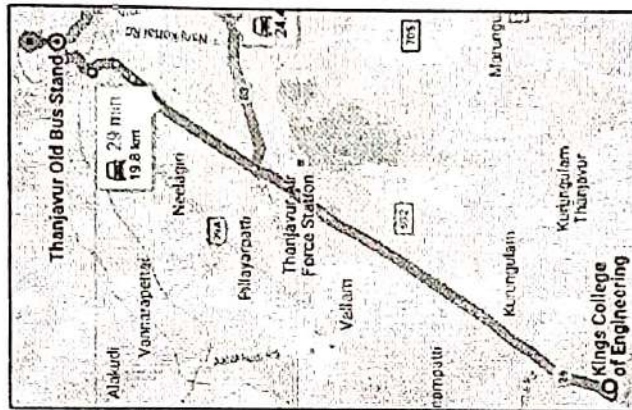
Registration Form

Name :
Designation :
Institution :
Mobile No.:
Email Id.....
IEEE Student Member : Yes / No
(If yes enclose photocopy of membership card)
IEEE Membership No. :
Address for Communication :

Phone :
E-mail :
Signature of the Applicant
Signature of the Head of the Institution
(Photocopies of this form may also be used)

Registration
IEEE Member : Rs.200/-
Non IEEE Member : Rs.300/-

Registration should be made by sending the scanned copy of the application form before 13.01.2017.IEEE members should enclose photocopy of membership card along with the registration form to avail discount in registration fee.

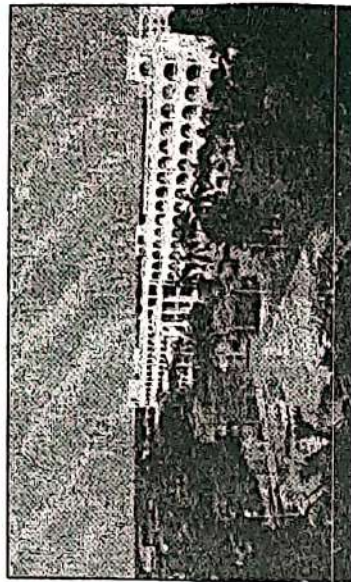


Contact
The Coordinator
Workshop on Soft Computing
R&D Section
King College of Engineering
Punalkulam, Thanjavur-613 303.
e-mail : randd@kingsindia.net

For further information
Mr. J. Niranjan Samuel : 99947 18168



(Approved by AICTE, New Delhi,
Affiliated to Anna University, Chennai)
Punalkulam, Thanjavur -613 303
Tamil Nadu.



Workshop on
Soft Computing
21st January, 2017

Technically sponsored by
IEEE Madras Section CIS



Jointly Organized by
IEEE Student Branch and R&D Section

About Kings

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET). The institution offers six U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

R & D Section

The Department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized as research centres for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCI, AICTE, New Delhi, TNSCST, Chennai; Analog Devices, USA and Texas Instruments, USA are successfully carried out. Faculty members are encouraged to participate in the faculty development programs, workshops and seminars organized by other institutions in their research area as a step towards strengthening their domain knowledge.

About the workshop

Soft computing is a vital area of research due to the tremendous advances in the spectrum of technologies. The integration of soft computing techniques such as Artificial Neural Networks, Fuzzy Logic, Genetic Algorithm, Evolutionary Computation and Machine Learning offers solutions where conventional approaches fail.

Unlike the normal computing, soft computing strives for exactness, accuracy, robustness and overall performance of the system. The capability of soft computing techniques in handling nonlinear data and optimization serves as a promising avenue for researchers in resolving greater challenges. This workshop aims to provide a forum to have an extensive discussion in the state-of-the-art approaches of soft computing techniques, applications & recent research issues by eminent experts in the field. Computing techniques in handling nonlinear data and optimization serves as a promising avenue for researchers in resolving greater challenges.

Course Contents

- ▶ Introduction to fuzzy logic.
- ▶ Fuzzy logic based applications.
- ▶ Genetic algorithm and its applications.
- ▶ Introduction to neural network.
- ▶ Recent trends in neural network.

About IEEE Madras Section

The Institute of Electrical and Electronics Engineers Inc. (IEEE), a nonprofit organization, is the world's leading professional association for the advancement of technology. IEEE Madras Section came into existence in 1973 and has crossed its silver jubilee year. The IEEE Madras Section conducts symposiums, conferences and technical lectures by eminent personalities from several fields. There are 24 societies registered through IEEE Madras section.

Resource Persons

Dr. N. Kumarappan,
Professor/EEE,
Anna Maria University,
Chidambaram.

Dr. P.S. Kannan,
Professor Emeritus,
Thiagarajar College of Engineering,
Madurai.

Dr. G. Giftson Samuel,
Professor/EEE,

Sir Isaac Newton College of Engineering,
Nagapattinam.

and faculty members from Kings College of Engineering.

Organizing Committee

Chief Patron
Mr. T. R.S. Muthukumaar,
Chief Executive Officer.

Patron
Dr. S. Durairaj,
Principal.

Co-Patron
Dr. S. Sivakumar,
Vice-Principal.

Convenor
Dr. J. Arputha Vijaya Selvi,
Dean.

Coordinators
Ms E. Suganya,
AP / ECE

Mr. J. Niranjan Samuel,
JRF / R&D





KINGS
COLLEGE OF ENGINEERING
(N-LAC Accredited Institution)
(Approved by AICTE New Delhi Affiliated to
Anna University Chennai)



ISO 9001
CERT

Research and Development
One day Workshop
on
"Soft Computing"

Date: 28.01.2017

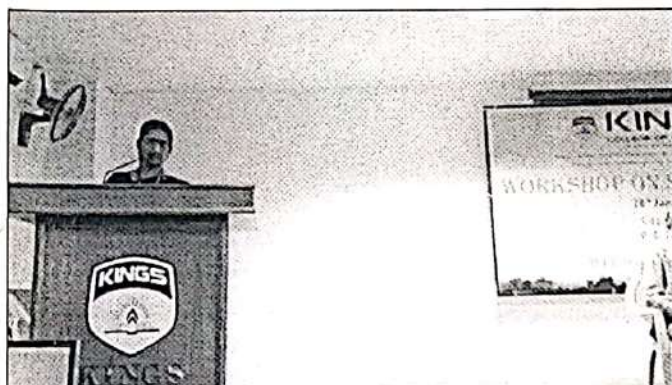
Venue: Pallava Hall

AGENDA

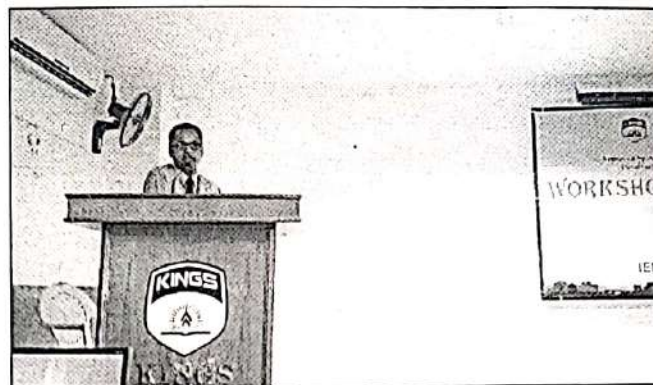
10.15 a.m – 10.20 a.m	Invocation Song
10.20 a.m – 10.25 a.m	Welcome Address – Dr. J. Arputha Vijaya Selvi, Dean, KCE.
10.25 a.m – 10.35 a.m	Inaugural Address – Dr. S. Sivakumar, Vice Principal, KCE.
10.35 a.m – 10.45 a.m	Felicitation- Prof. A. Albert Martin Ruban, CCE, KCE.
10.45 a.m – 11.00 a.m	Tea Break
11.00 a.m – 11.05 a.m	Introduction to Resource Person - Mr.T.Pasupathi, AP/ECE, KCE.
11.05 a.m – 01.00 p.m	Session-1 "Genetic Algorithm & its Applications" <i>Dr. S. Sivakumar, Vice Principal, KCE.</i>
01.00 p.m – 02.00 p.m	Lunch
02.00 p.m – 02.05 p.m	Honoring the Guest
02.05 p.m – 02.10 p.m	Introduction to Chief guest –Ms. E.Suganya, R&D ,KCE
02.10 p.m – 03.00 p.m	Session-2 "Soft Computing Techniques for Information Security" <i>Dr. R. Amirtharajan, Assoc. Professor/SEEE, SASTRA University, Thanjavur</i>
03.00p.m – 03.15p.m	Tea Break
03.15p.m – 03.20p.m	Introduction to Resource Person – Mr.A.Herald, AP/ECE, KCE
03.20p.m – 04.00p.m	Session-3 "Fuzzy Logic & its Applications" <i>Ms. N. Hemavuthi, Asst. Professor/FEE, KCE</i>
Valedictory Function	
04.00p.m – 04.05p.m	Feedback from participants
04.05p.m – 04.10p.m	Distribution of Certificates
04.10p.m – 04.13p.m	Vote of Thanks –Mr. J.Niranjana Samuel, R&D, KCE.
04.14p.m – 04.15p.m	National Anthem

Report – One Day Workshop on “Soft Computing”

IEEE Student Branch and R&D section, organized a one day workshop on “Soft Computing” on 28th January, 2017. Dr. J. Arputha Vijaya Selvi, Dean (R&D) welcomed the gathering. Mr. T. Pasupathi, Asst. Professor, ECE - R&D introduced the resource persons to the gathering. Dr. S. Sivakumar, Vice Principal, presided over the function and delivered the Inaugural address. In his address, he stressed the importance of soft computing and solutions to engineering problems.



Dr. J. Arputha Vijaya Selvi, Dean (R&D) delivering welcome address during inaugural function.



Dr. S. Sivakumar, Vice Principal, KCE delivering the inaugural address.



Dr. S. Sivakumar, Vice Principal, KCE delivering lecture.

Dr. S. Sivakumar, Vice Principal, Kings College of Engineering delivered a lecture on “*Genetic Algorithm and its Applications*”. In his lecture, he briefed about the Holland’s original Genetic Algorithm, Traditional algorithms, multiple optimal solution, basic components of genetic algorithm and its representation and flow of genetic algorithm. Also he demonstrated the concept of genetic algorithm with case studies.



Ms. E. Suganya, AP/ECE-R&D, introduced Dr. R. Amirtharajan



Dr. R. Amirtharajan, SASTRA University, Thanjavur during the session.

Ms. E. Suganya, AP/ECE-R&D, introduced Dr. R. Amirtharajan, Associate Professor, School of Electrical and Electronics Engineering, SASTRA University, Thanjavur, to the participants. **Dr. R. Amirtharajan**, delivered a lecture on *"Soft Computing Techniques for Information Security"*. In his lecture, he stressed the importance of transferring the information securely. Also he briefed on the motivation and specific aims in information security. At the end of his lecture, he briefed with an example of transferring an image file securely over the network using soft computing techniques.



Mrs. N. Hemavathi, AP/EEE, KCE delivering lecture.



A view of participants

Ms. E. Suganya, AP/ECE-R&D, introduced Mrs. N. Hemavathi, AP/EEE to the participants. **Mrs. N. Hemavathi**, delivered a lecture on *"Fuzzy Logic & its Applications"*. In her lecture, she briefed about the basic ideas of fuzzy sets, difference between crisp and fuzzy sets, process involved in fuzzy logic controller, examples for fuzzy logic based applications. In addition, she gave a demonstration on Fuzzy Logic using MATLAB.



Mr. S. Baskaran, Research Scholar, VELS University, Chennai sharing his feedback



Distribution of Certificates

Participants shared their feedback about the workshop. Certificates were distributed to the participants. 16 delegates from other institutions and 29 internal participants attended the workshop. Mr. J. Niranjana Samuel, JRF-R&D, proposed the vote of thanks. The workshop was concluded with National Anthem.

Submitted to Principal.
J. Donnetan
31/1/17.

2/2/17



Details of Income, Expenditure & Participants

Income through Registration fee

S. No	Registration Type	No. of Participants	Amount
1	External (300)	16	4800
2	Internal (100)	29	2900
Total			7700

Expenditure

S. No	Particulars	Amount
1.	Flex	500
2.	Certificate	500
3.	Kit	450
4.	Postage	100
5.	Cover	40
6.	Canteen	3205
7.	Remuneration	4000
Total		Rs. 8795

Participants List

S. No	Name of the College	No. of Participants
1.	Kongunadu College of Engineering and Technology	2
2.	Star Lion College of Engineering and Technology	6
3.	Government College of Engineering	3
4.	PRIST University	1
5.	Kuppam Engineering College	1
6.	University College of Engineering, Dkt.	1
7.	V3 Technologies / <i>Tamiraparani</i>	2
8.	Kings College of Engineering	29
Total		45

*Submitted to Principal.
J. Manicki
31/1/17.*

54/2/17



INDEX

CRITERION: 3.2.2

Entrepreneurship Development Cell

Academic year	Details of the event	Page No.
2020-21	Awareness Programme	575
2019-20	Three days Entrepreneurship Awareness Camp	591
2018-19	Motivational and Awareness Programme	599
	Orientation Programme on Entrepreneurship	604
2017-18	Motivational and Awareness Programme	610

13/03/2021

From

Dr. J. Sudhakar,
Co-ordinator, E D cell,
Kings College of Engineering
Punakkulam.

To

The Principal,
Kings College of Engineering,
Punakkulam.

Respected Madam,

Sub: Requesting permission to conduct awareness programme-Reg.

I kindly request to permit me to conduct
an awareness programme for 2nd year students on 16/03/2021
[Tuesday] 2.30 p.m. to 4.00 p.m. [Off-line mode].

Also, permit to avail the following requirements:-

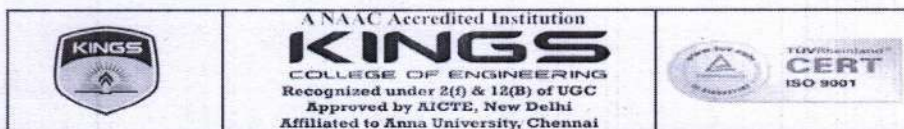
- ① Pallava Hall
- ② Shawl - 1 no.
- ③ Uninterrupted power supply.
- ④ Tea & snacks for one person.

Thanking You

J. Sudhakar
13/3/2021.

Yours faithfully,

R. J. [Signature]
13/03/21.



Ref.No. KCE/Principal/ED Cell - Circular/001/2020-2021

Date: 15.03.2021

CIRCULAR

Entrepreneurship Development Cell of our college organizes "Awareness Programme" for our Second year students. All the student members of ED Cell are instructed to attend the programme without fail.

Date & Time	: 16.03.2021 & 2.30 p.m. to 4.00 p.m.
Venue	: Pallava Hall (Block I - Second Floor)
Name of the resource person	: Mr. M. Martin, Field Coordinator, IEDP EDII Hub, SASTRA University, Thanjavur.

J. Perumal
15/3/2021.
PRINCIPAL

Copy to

Secretary, CEO, AO, V.P and All HODs (with a request to be read in all classrooms)

Entrepreneurship Development Cell

A report on Awareness Programme for Second Year Students

ED Cell of our college organized an "Awareness Programme" for all the second year students on 16.03.2021 (Tuesday). Mr. M. Martin, Field Coordinator, Field Coordinator, IEDP EDII Hub, SASTRA University, Thanjavur was invited as resource person and he handled the session with the concept of Entrepreneurship and also had shown various examples of renowned entrepreneurs who have been successful in their career. Students interacted with him and clarified their doubts. In that programme students from various departments attended and got benefited.



Mr. M. Martin delivering his speech to the students

[Signature]

Coordinator, ED Cell

[Signature]
18/3/2021

Principal

Entrepreneurship Development Cell

"Awareness Programme" (Second Year ED Cell Members)

Date: 16.03.2021

Attendance Sheet

Venue: Pallava Hall

S. No	Name of the Student	Department	Signature
1.	K. VETRIVEI	EEE / II - Year	K. Vetrivei
2.	A. SARATH KUMAR	EEE / II - Year	A. Sarath
3.	M. VIKRAMADHITHAN	CSE / II - Year	M. Vikram
4.	S. SELVABHARATHI	CSE / II - Year	S. Selva
5.	A. MOHAMED YASIR	CSE / II - Year	A. Md. Yasir
6.	M. SHAKTHIVEL	CSE / II - Year	M. Shaktivel
7.	R. SACHIN	CSE / II - Year	R. Sachin
8.	AJAY PRASANNA G S	CSE / II - Year	Ajay Prasanna
9.	Viswa . A	CSE / II - Year	Viswa . A
10.	Muralidharan . N	CSE / II - Year	N. Murali
11.	Avudaiappan . A . B	CSE / II - Year	Avudaiappan
12.	Vicky . K	CSE / II - Year	Vicky . K
13.	Sathya . P	Civil / II - Year	P. Sathya
14.	Rubika . M	Civil / II - Year	M. Rubika
15.	Rengesh Jasi . R	Civil / II - Year	R. Rengesh
16.	Monika . M	Civil / II - Year	M. Monika
17.	Tanani . T . S	Civil / II - Year	T. S. Tanani
18.	Agalya . B	Civil / II - Year	B. Agalya
19.	Madhunisitha . R	Civil / II - Year	R. Madhunisitha
20.	Nandhini . J	CSE / II - Year	J. Nandhini
21.	A. Baijayalakshmi	CSE / II - Year	A. Baijayalakshmi
22.	G. Jaisudhakar	EEE / II - Year	G. Jaisudhakar
23.	C. Dharshini	EEE / II - Year	C. Dharshini
24.	S. Devipriya	CSE / II - Year	S. Devipriya
25.	R. Aarthi	CSE / II - Year	R. Aarthi
26.	T. Rethinapriya	CSE / II - Year	T. Rethinapriya
27.	K. Kamali	CSE / II - Year	K. Kamali
28.	S. Sneha	CSE / II - Year	S. Sneha
29.	N. Harikuzhal	CSE / II - Year	N. Harikuzhal
30.	K. Tharanika	CSE / II - Year	K. Tharanika
31.	R. Karthika	CSE / II - Year	R. Karthika
32.	G. Akshayalakshmi	CSE / II - Year	G. Akshayalakshmi
33.	P. Parvitha	CSE - II - Year	P. Parvitha
34.	S. Suguna	CSE - II - Year	S. Suguna
35.	T. Bhavatharani	CSE - II - Year	T. Bhavatharani
36.	P. Deepika	CSE - II - Year	P. Deepika

31/01/2019

From

J. Sudhakar, co-ordinator,
ED cell,
Kings College of Engineering
Punalakulam.

To

The Principal,
Kings College of Engineering
Punalakulam,

Respected Madam,

Sub: Seeking permission to Submit EAC proposal-reg

Kindly give permission to Submit two EAC
proposal to DST-NIMAT. for the year 2019-2020.
[Entrepreneurship Awareness Camp].

Thanking You

Sub. to Secretary

J. Sudhakar
31/1/19.

RE
31/1/19

Yours Faithfully,

Rish
31/01/19



ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

Near Village Bhat, Via Ahmedabad Airport & Indira Bridge, P.O. Bhat - 382 428, Dist. : Gandhinagar, Gujarat. India.

Tel. : +91-79-23969153, 23969158, 23969159, 23969161

E-mail : info@ediindia.org

Telefax : +91-79-23969164

Website : www.ediindia.org

To Mr. K. Sudhakar.
J. Arputha
22/8/19



S. B. Sarcen

Sr. Faculty & Project Director: DST-NIMAT

EDI/DST-NIMAT/19-20/331

Date: 12/08/2019

SPEED POST

Dr. (Mrs.) J. Arputha Vijaya Selvi

Principal

Kings College of Engineering

Village: Punalkulam, Taluka: Gandharvakkottai

District: Pudukottai - 613 303

Tamil Nadu

Kind Attention: Prof. K. Sudhakar, Assistant Professor

Dear Madam,

Sub: DST-NIMAT Project 2019-20: Sanction Order

Greetings from Entrepreneurship Development Institute of India, Ahmedabad!

This is with reference to your proposal submitted for conducting activities / programme(s) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India, New Delhi.

We are happy to inform you that the following activities / programmes have been sanctioned:

Sr. No.	Activity / Programme	No.	Amount in Rs.	Locations
1	Entrepreneurship Awareness Camp (EAC)	1	20000	As mentioned in proposal
Total		1	20000	

You are requested to please go through the enclosed **Guidelines / Terms & Conditions** as it is **mandatory** to follow the same.

Please note that the **first installment is to be released on receipt of the following documents:**

1. Duly Signed Agreement
2. Duly Signed "Terms & Conditions"
3. Action Plan [Annexure-I]
4. Bank Details [Annexure-IA]

The funds will be transferred through RTGS/NEFT. Please make sure that the above said documents must reach us as early as possible, but not later than **ONE MONTH** of receiving this sanction letter. Non receipt of the same may be considered as your unwillingness to take up the programme(s).



For any additional information, please contact either me (Email ID: sareen@ediindia.org, Mobile: **09925110040**) or my colleague **Mr. Prakash Solanki** (Email ID: psolanki@ediindia.org, Mobile: **09723816384**).

We look forward to have a long term professional relationship.

Thanking you, with regards,

(S. B. Sareen)

Encl.: a. a



Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,
PRINCIPAL

Ref: KCE / PRL / EAC/60/19-20

22.08.2019

To

Mr. S. B. Sareen,

Project Director & Member Secretary DST-NIMAT Project,

Entrepreneurship Development Institute of India,

P. O. Bhat 382 428,

Dist. Gandhinagar, Gujarat.

Dear Sir,

Ref: EDII/DST-NIMAT/19-20/331 dt. 12.08.2019

With reference to the above, herewith I am forwarding the signed copy of the items listed below:

- i. Duly signed Agreement
- ii. Duly signed Terms and Conditions
- iii. Action Plan (Annexure – I)
- iv. Bank Details (Annexure – IA)
- v. Cancelled Cheque

Thank you,

Regards,

J. Arputha Selvi
 22/8/19

PRINCIPAL
Kings College of Engineering
Punalkulam- 613 303.

Encl. as listed above.

Activity/ Programme	No.	Amount in Rs.	Location
Entrepreneurship Awareness Camp (EAC)	1	30000	As mentioned in proposal
Total	1	30000	

Please go through the enclosed Guidelines / Terms & Conditions which is mandatory to follow the same.

Please note that the first installment is to be released on receipt of the following documents:

1. Duly Signed Agreement
2. Duly Signed "Terms & Conditions"
3. Action Plan (Annexure-I)
4. Bank Details (Annexure-IA)

The funds will be transferred through BGS/NEFT. Please note that the amount must reach us as early as possible, but not later than ONE MONTH of receipt of the documents. Non receipt of the same may be considered as your unwillingness to take the programme.

DST – NIMAT PROJECT 2019 – 20

Implemented by:

Entrepreneurship Development Institute of India (EDII), Ahmedabad

Under the aegis of:

The National Science & Technology Entrepreneurship Development Board, DST, Govt. of India

Agreement between EDII and Programme Implementing Agency (PIA)

Entrepreneurship Development Institute of India (henceforth referred to as EDII) having its Head Office at Village & P.O. Bhat 382 428, Dist. Gandhinagar (Gujarat) and Kings College of Engineering, Punalkulam, Grandavakkottai - Tk. Pudukkottai (District) - 613 303.

[Name & address of the Programme Implementing Agency (PIA)] hereby enter into the following Agreement on 22/08/19 (Date) at Punalkulam (Place).

Kings College of Engineering, Punalkulam (Name of the PIA) has agreed to conduct ☒ EAC(s) / ☐ EDP(s) / ☐ WEDP(s) / ☐ TEDP(s) / ☐ FDP(s). The programme (s)/ activity are to be conducted as per the terms and conditions enclosed.

General Guidelines

1. The grant being released should be exclusively spent on the specified purpose for which it has been sanctioned within stipulated time. Any unspent balance out of the amount sanctioned would be surrendered to EDII, Ahmedabad. Carry forward of unspent funds to the next financial year for utilisation for the same purpose may be considered only with the specific approval of the EDII, Ahmedabad.
2. The Programme Implementing Agency will furnish progress report of the work on the programme from time to time. In addition, appropriate persons may visit the Programme Implementing Agency periodically for ascertaining the progress of work and resolve any difficulties that might be encountered in the course of implementation. During the progress of the project, the PIA will provide all facilities to the Visiting Persons. On completion of the programme, consolidated report of the work done on the subject in a bond form shall be sent to EDII, Ahmedabad.
3. The Programme Implementing Agency shall furnish to EDII, Ahmedabad, Utilisation Certificates (copy enclosed) and an Audited Statement of Accounts pertaining to the grant within three months of completion of the programme / activity sanctioned.
4. The Programme Implementing Agency will maintain separate audited accounts for this project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to the EDII, Ahmedabad. The interest thus earned will be treated as a credit to the PIA and the same to be refunded to NSTEDB through EDII.
5. The Programme Implementing Agency will not outsource the work for which the grant is being sanctioned. In case the PIA itself is not in a position to execute or complete the project, it would be required to refund the entire amount of grant-in-aid received by it to EDII, Ahmedabad.

[P.T.O.]



Now in witness whereof the parties to this present have here unto signed in this respective names and affixed their respective seal, the date and the year herein above written.

Signed, Sealed and Delivered by:

For J. Mankar
22/8/19
(Programme Implementing Agency)

For _____
(EDII)

PRINCIPAL
Kings College of Engineering
Punalkulam- 613 303.



Place: Punalkulam

Date: 22/08/2019

Witnesses:

1. Signature: [Signature]
(on the behalf of the PIA)

2. Signature: _____
(on the behalf of EDII)

Name & Address of the Witness:

Name & Address of the Witness:

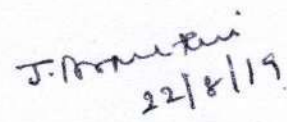
Dr. S. S. Kumar
Vice Principal
Kings College of Engg.
Punalkulam - 613 303

**TERMS AND CONDITIONS FOR CONDUCTING
ENTREPRENEURSHIP AWARENESS CAMP (EAC)**

1. Each camp of three days duration to be conducted in the premises of the academic institution.
2. Each EAC should have minimum 75 students having S & T background i.e., S&T graduate/diploma holders, students of degree/diploma in Science & Technology.
3. Industrial visit to be organized as part of EAC.
4. Programme Implementing Agency may like to provide inputs as per the suggested schedule placed at EDII website (www.ediindia.org>Projects>Ongoing Major Project>DST-NIMAT).
5. Reading/reference material to be provided to the participants and the same can be downloaded from EDII website.
6. Financial assistance will be made available to the PIA @ Rs. 20,000/- per EAC as per the budget break-up given below:

Sr. No.	Expenditure Head	Amount in Rs.
1	Manpower including honorarium to experts	5000.00
2	Travel & Factory visit	4500.00
3	Miscellaneous & Contingency	7500.00
4	Administrative overheads	3000.00
	Total	20,000.00

7. First installment i.e., 80% to be released on receipt of the duly signed Agreement, Terms & Condition along with the Action Plan (as per **Annexure-I**) and Bank detail (**Annexure-I(A)**).
8. **Activity Completion Statement (ACS)** (as per **Annexure – II**) should be submitted **within one week** after completion of each activity.
9. Second and final installment i.e., 20% to be released on successful completion of EAC(s), submission of **Post Programme Report (PPR) within one month (Soft Copy in Microsoft Word Format on CD & Hard Copy in Spiral Binding)** and **List of Participants (in excel format)** as per the Proforma placed at EDII website, submission of statement of audited expenditure (as per **Annexure-III**) and utilization certificate (as per **Annexure-IV**).


PRINCIPAL
Kings College of Engineering
Punakulam- 613 303.

Signature of Head of the Institute

Annexure - I

DST NIMAT Project 2019 - 20

ACTION PLAN FORMAT

(To be submitted with Agreement)

Name of the Programme Implementing Agency

: Kings College of Engineering, Pundalkulam.

Name of the Chief Programme Coordinator

: Dr. J. Arpitha Vijaya Selvi, Principal.

Mobile

: 9442590002

Email

: principal@kingsindia.net.

Sr. No.	Activity / Program	Location	Coordinator's Name, Mobile Number & Email ID	Trade (for TEDP only)	Date of Signing Agreement	Date of Launching Promotional Activities	Date of Selection Interview	Date of Comment	Date of Completion	Date of First Follow-up Meeting
1	EAC	Kings College of Engg	K. SUDHAKAR 9443586722 sksudhakar@gmail.com	N.A.*	22/08/19	N.A.*	N.A.*	22/01/20	24/01/20	N.A.*
2	EDP			N.A.*						
3	WEDP			N.A.*						
4	TEDP									
5	FDP			N.A.*			N.A.*			N.A.*

*N.A. = Not Applicable

K. S. SUDHAKAR
22/08/19

J. Arpitha
22/08/19

PRINCIPAL
Kings College of Engineering
Pundalkulam- 613 303.

Annexure – I (A)

DST NIMAT Project 2019 – 20

BANK DETAILS

(To be submitted with Agreement)

- Name & Postal Address of Programme Implementing Agency (with Phone, Mobile, Fax, Email) : Kings College of Engineering,
Punalkulam, Chandarvalcottai (TK)
Pudukkottai - (DT) - 613 303
04362 - 282 474, 9442590002
principal@Kingsindia.net.
1. Name of the Account Holder : Kings College of Engineering - Research & Development
2. Saving Bank Account No. : 136402000000661
3. Name of Bank : Indian Overseas Bank.
4. Address of Bank : IOB, North Main Street, Thanjavur.
5. 9 Digit Branch MICR Code : 613020004
6. Bank IFSC Code : IOBA0001364
7. Branch Code : 1364

(Note: Please enclose a Cancelled Cheque with this information)

J. Muttam
22/8/19

Seal and Signature of Head of the Institute

PRINCIPAL
Kings College of Engineering
Punalkulam - 613 303.

Permission Letter

11/01/2020

From

J. Sudhakar, Co-ordinator,
ED Cell,
Kings College of Engineering,
Punalikulam.

To The Principal,
Kings College of Engineering
Punalikulam.

Submitted to Secretary Sir
J. Praveen
11/1/2020.

11/1/2020

Respected Madam,

Sub: Requesting permission to avail the requirements towards

EAC - Reg.

A our ED cell is organising Three Days
Entrepreneurship Camp from 22nd January 2020 to 24th January 2020.
I kindly request your permission to avail the following requirements

- ① Flex Printing - Invitation printing.
- ② Pallava Hall for 3 days.
- ③ Shawl & memento for the chief guest - 10 nos. each.
- ④ Water bottles, Tea & Snacks for the guest - 10 persons.
- ⑤ Transport :-
(a) Pick up & Drop of the guests
(b) Industrial visit to Trichy.

No. of students : 63 (63)
participating

- ⑥ Tea for the participants for 3 days 63 tea tokens per day.
- ⑦ Certificate Printing
- ⑧ Uninterrupted power supply for 3 days.
- ⑨ Photography.

Thanking You

J. Praveen
25/1/2020

Yours Faithfully,
Rishu
11/1/2020.

Note: Remuneration for the chief guest & Resource persons.

PROPOSED BUDGET

DST sponsored EAC
22.01.2020 - 24.01.2020

S. No	Work / Expense detail	Amount
1	Printing expense a. Poster (10 Nos) b. Banner -2 numbers (10 x 2-1; 12 x 6-1) c. Certificate - 100 numbers d. Invitation - 16	100 1,000 8,00 80
2	Communication to college Postal expense	50
3	Resource Person honorarium (including travel expense)	8,000
4	Refreshment Tea (100 participants) * 3 Days Guest Lunch & Refreshments	2,400 1,000
5	Local Visit (Diesel)	4,000
6	Shawl	2,100
7	Miscellaneous expenses	500
Total expenses (approximately)		19,230

Expected Number of participants : 100 approximately

Sponsor (DST) : Rs. 20,000

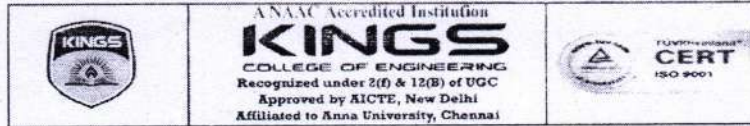
Advance Amount received from DST : Rs. 16,000

[Signature]
Ed cell Coordinator

Submitted to Secretary Sir
[Signature]
11/1/2020

[Signature]
11/1/2020

[Signature]
11/1/2020



Ref.No. KCE/Principal/Circular/043/2019-2020

Date: 20.01.2020

CIRCULAR

Entrepreneurship Development Cell is organizing a three days **Entrepreneurship Awareness Camp**, funded by **EDII- NIMAT (DST)** during 22nd to 24th January, 2020.

All ED Cell members are asked to participate.

Venue: Pallava Hall

J. Prakash
20/1/2020

PRINCIPAL

Copy to
Secretary, CEO, AO, V.P, All HODs, through edumate



A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai



Entrepreneurship Awareness Camp (22.01.2020 to 24.01.2020)

Report

The Entrepreneurship Development Cell of Kings College of Engineering organized *Department of Science and Technology, Entrepreneurship Development Institute of India, Ahmedabad*, sponsored “Entrepreneurship Awareness Camp” from 22nd to 24th January 2020. Shri. R. Ellango, President, TIDITSSIA inaugurated the camp. Mr. K. Sudhakar, Coordinator welcomed the gathering. Ms. K. Abhirami, IQAC coordinator introduced the guests. Dr. R. Rajendran, Secretary, RET, delivered presidential address. Dr. J. Arputha Vijaya Selvi, Principal gave the highlights of the Camp. Dr. S. Sivakumar, Vice Principal felicitated.



Mr.K. Sudhakar, Coordinator, ED Cell Welcomed the gathering



During the invocation



Ms. K. Abhirami, IQAC coordinator introducing the guests



Dr. R. Rajendran, Secretary, RET, honouring the chief guest with shawl



Dr. R. Rajendran, Secretary, RET, delivering presidential address



Dr. J. Arputha Vijaya Selvi, Principal, summarizing the highlights of EAC



Mr. R. Ilango delivering inaugural address



Mr. Gopalakrishnan felicitating the gathering

During Session-I, Mr. P. Rajappa, Proprietor, M/s Mughil Engineering Works, Trichy on ***“Importance of Entrepreneurship”***.



Mr. P. Rajappa talks about importance of entrepreneurship



During session-II, Dr. M. Vasan, AP/ Commerce, A.V.V.M Sri Pushpam College, Poondi, Thanjavur handled on ***“Personality Characteristics/Traits of an Entrepreneur”***. Mr. Martin, Field Coordinator, EDII, Govt. of Tamil Nadu handled on ***“Emerging Business Opportunities”***



Dr. M. Vasan delivering lecture on the traits of an entrepreneur



Mr. M. Martin elaborates the business Opportunity

On 23rd January, 2020, during Session-I, Mr. K. Sushil Kumar, General Manager, Tamil Nadu Industrial Investment Corporation handled on ***“Govt. Schemes of Assistance and policy for Setting-up Small Business Venture”***. During session-II, Mr. R. Michael, Retd. Manager, Punjab National Bank explained the ***“Support and financial assistance from Govt. agencies, banks, financial institutions, SFCs etc.”***

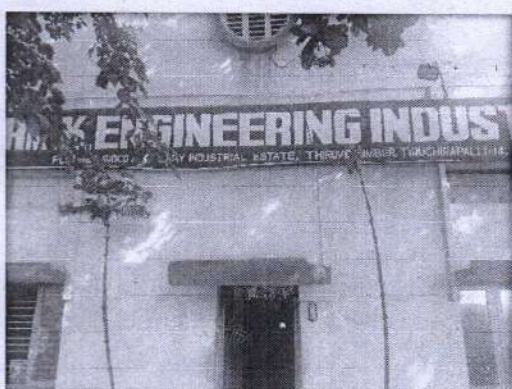


Mr. Sushil kumar delivering lecture About Government Schemes



Mr. R. Michael giving tips about to obtain Financial assistance from Govt. agencies and banks

As a part of the camp an industrial visit to ***"M/s. Nagabushanam Associates, CNC Centre, Trichy M/s. RMK Engineering Industries, Trichy and M/s. Finlay CNC Centre, Trichy"*** was arranged for the participants.



Students at the industries during the visit

On 24th January, 2020, during session – I, Mrs. Bindu Balakrishnan, Assistant General Manager, TREC STEP, NIT, Trichy on ***"Network of Support Institutions and legal formalities to setting-up Enterprise"***. During Session-II, Mr. K. Ramachandran, Former Professor, Irrigation Management Training Institute, Trichy on ***"Developing soft skills in creativity, developing communication skills and problem solving"***.



Mrs. Bindu delivering information about Legal formalities to setting-up enterprise

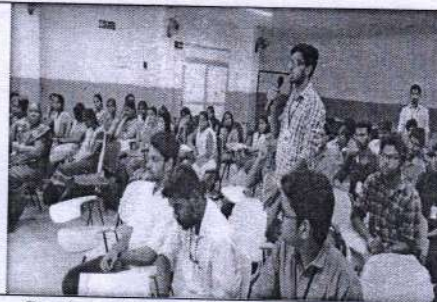


Mr. R. Ramachandran imparting soft skills about the developing of communication, problem-solving skills

During Session-III, Entrepreneur Mr. Pagutharivu Muthusamy on ***"Successful entrepreneur"***. Mr. K. Vijay, Student member, ED Cell proposed the vote of thanks, Feedback from the participants. Final year students of Kings College of Engineering participated.



Mr. Pagutharivu sharing his entrepreneurial experience with the participants



Student during the feedback session



Participants of the Camp along with the Dignitaries during the valedictory function

[Signature]

Coordinator ED Cell

[R. SUDHAKAR]

[Signature]
29/4/2020

Principal



KINGS

COLLEGE OF ENGINEERING

A NAAC Accredited & ISO Certified Institution

Recognized by UGC under 2(f) & 12(B)

Approved by AICTE New Delhi, Affiliated to Anna University, Chennai.
Punalkulam, Pudukottai-613 303



Entrepreneurship Awareness Camp

CERTIFICATE

This is to certify that Mr./Ms. S. Arith
of **Kings College of Engineering** has participated in the three day
"ENTREPRENEURSHIP AWARENESS CAMP" held between 22nd to 24th
January, 2020 organized by Entrepreneurship Development Cell in
association with *Entrepreneurship Development Institute of India,*
Ahmedabad.

Coordinator

Principal



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Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai



DST – NIMAT PROJECT

1. Name & Address of Programme : Kings College of Engineering, Punalkulam Village (PO),
Implementing Agency Gandarvakottai (Taluk), Pudukkottai – District,
Pin Code – 613 303, Telephone Number – 04362-282474
Fax - , E-mail: contact@kingsindia.net
2. Programme Location : Kings College of Engineering, Punalkulam.
3. Programme Date : From 22/01/2020 To 24/01/2020
4. Name of the Coordinator : Mr. K. Sudhakar
5. No. of candidate attended the programme : 63 (Male: 42 Female: 21)

K. Sudhakar
14/01/2020
Programme Co. ordinator

THE HINDU 23.01.2020 PAGE 2

ENGAGEMENTS

PUDUKOTTAI

Kings College of Engineering: DST-NIMAT sponsored 'Entrepreneurship Awareness Camp', 10 a.m.

ANNEXURE – V

FEEDBACK ANALYSIS OF PARTICIPANTS

Programme Location: Kings College of Engineering, Punalkulam, Pudukkottai.

Date : From 22/01/2020 to 24/01/2020

Q.1) From where you got the information about this programme?

- | | |
|--|------------------|
| a) Pamphlets / Broacher | 20 Nos. (31.74%) |
| b) Newspaper Advertisement | 00 Nos. (00%) |
| c) Posters/ Hand Bills | 00 Nos. (00%) |
| d) Other (Please Specify) – Circular from E D Cell,
Kings College of Engineering,
Punalkulam | 43 Nos. (68.25%) |

Q.2) What is your opinion about the duration of Programme?

- | | |
|-------------|-----------------|
| a) Short | 10 Nos.(15.8%) |
| b) Adequate | 41 Nos.(65.07%) |
| c) Long | 11 Nos.(17.46%) |

Q.3) Did you find the Programme useful?

- | | |
|-------------------|------------------|
| a) Very much | 51 Nos. (83.08%) |
| b) To some extent | 11 Nos. (17.46%) |
| c) Not useful | 00 Nos.(00%) |

Q.4) Did it fulfill your expectations?

- | | |
|-------------------|------------------|
| a) Yes | 55 Nos. (87.30%) |
| b) To some extent | 07 Nos. (11.11%) |
| c) No | 00 Nos. (00%) |

Q.5) Planning of the Programme

- | | |
|-----------------|------------------|
| a) Excellent | 52 Nos. (82.53%) |
| b) Very good | 09 Nos. (14.28%) |
| c) Good | 02 Nos. (0.031%) |
| d) Satisfactory | 00 Nos. (00%) |
| e) Poor | 00 Nos. (00%) |

K. S. S.
14/01/2020
Programme Co-ordinator.

J. M. M.
14/12/2020

27/03/19

From

K. Sudhakar, co-ordinator,
ED cell,
Kings College of Engineering
Punalikulam.

Submitted to Secretary
J. Prasad
27/3/19.

To The Principal,
Kings College of Engineering
Punalikulam.

27/3/19

Respected Madam,

Sub: Requesting permission to conduct ED programme - Reg

I kindly request your permission to conduct a motivational & entrepreneurship concept oriented programme to our students on 28/03/2019 [Thursday]. And also request for the following requirements:-

- ① Shawl - 1 nos.
- ② Refreshment - 1 nos.
- ③ A/V hall or Pallava Hall.
- ④ uninterrupted power supply.

Thanking You

Yours faithfully,

K. Sudhakar
27/03/19



Ref.No. KCE/Principal/Circular/45/2018-2019

Date: 27.03.2019

CIRCULAR

ED cell of our college is organizing a programme on 28.03.2019 at AV Hall by 12.00 noon. Mr. P. Rajasekar, proprietor, V3 Technologies, Thanjavur will share his experiences. Interested students and members of ED Cell are asked to attend the programme.

J. Perumal
27/3/19
PRINCIPAL

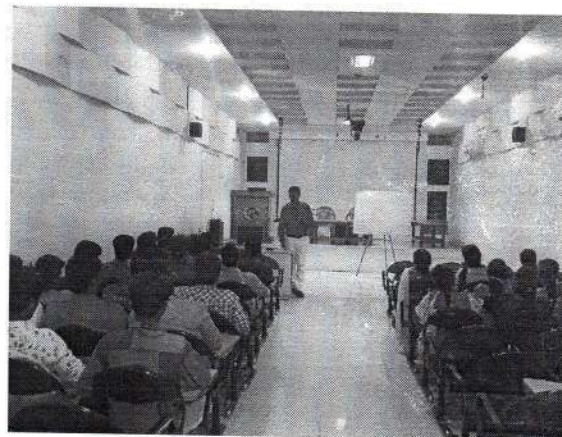
Copy to
Secretary, CEO, V.P and All HODs through edumate
To be read in all final year classrooms



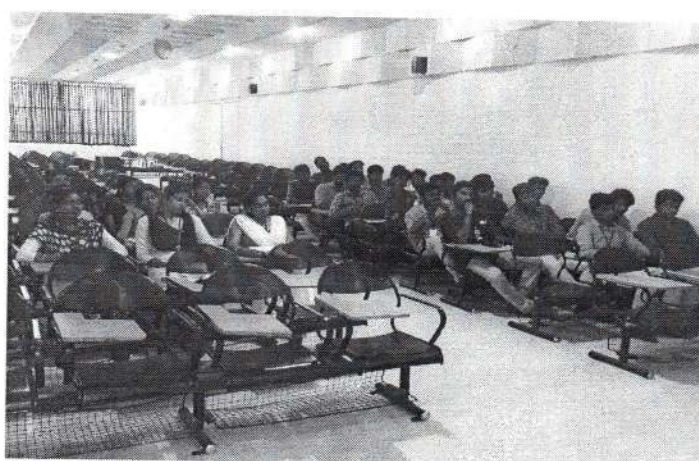
A report on Motivational and Awareness Programme organised by ED Cell
 ED Cell of our college organized a motivation programme for the ED Cell Club members and students on 28.03.2019 (Thursday). Mr. R. Rajasekar, Properitor, V3 Technologies, Thanjavur, invited as resource person and he preached about the concept of business and the role of Micro, Small and Medium Scale, Innovation Driven Enterprises which helps in starting new business. Students were interacted with him actively and clarified their doubts. In that programme 31 students from various departments attended and got benefited.



Honoring the Resource Person



Mr. R. Rajasekar delivering his speech



A view of participants listening to the speech


 Coordinator, ED Cell


 11/4/19
 VP


 11/4/19
 Principal

Date: 28/03/2019

Venue: AlV Hall

S.No	Roll No	Student Name	Dept.	Signature
1	24	P.S. Kanishka Thiruni	ECE-IV	P.S.K
2	30	M. Pragadeshwari	CSE-IV	M. Prasad
3	02	R. AKASH	EEE-IV	R. Akash
4	46	N. Vibinraj	EEE-IV	N. Vibinraj
5	35	M. Suriya	E.E.E-IV	M. Suriya
6	36	Prakash	E.E.E-IV	Prakash
7	27	J. Tamil Selvan	E.E.E-IV	J. Tamil Selvan
8	03	P. Kishore Kumar	Mech-IV	P. Kishore Kumar
9	54	C. Anandh	Mech-IV	C. Anandh
10	56	R. VIGNESH	IV MECH	R. Vignesh
11	53	K. YOUNESHWARAN	IV MECH	K. Youshwaran
12	28	K. Vignesh	IV-Mech	K. Vignesh
13	02	N. LAKSHMANAN	IV MECH	N. Lakshmanan
14	30	G. ALEXRAJA	IV-MECH	G. Alexraj
15	28	M. Sreeram	IV-mech	M. Sreeram
16	16	S. SRINATH	IV-mech.	S. Srinath
17	16	A. Gowtham	IV-mech	A. Gowtham
18	16	Knishwan		Knishwan
19	16	S. Deepan		S. Deepan

S.No	Roll NO.	Name	Dept	Signature
17)	11	S. Deepam	IV-Mech A'	S. Deepam
18)	35	M. Mullai Selvam	"	P. Vinodini
19)	34	S. Surriya	IV-ECE-B	S. Surriya
20)	24	S. Saran Kumar	IV-ECE-B	S. Saran Kumar
21)	31	R. Mahalakshmi Bai	IV-ECE-A	R. Mahalakshmi Bai
22)	36	K. Kavi Bharathi	IV-ECE-A	K. Kavi Bharathi
23)	32	Maheswari G.	IV-ECE-A	Maheswari G.
24)	28	S. Langer Alisha	IV-ECE-A	S. Langer Alisha
25)	43	R. Priyatharini	IV-ECE-A	R. Priyatharini
26)	30	K. Mahalakshmi	IV-ECE-A	K. Mahalakshmi
27)	34	S. MANISHA	IV-ECE A	S. MANISHA
28)	24	G. Karthick	IV-Mech A	G. Karthick
29)	43	S. Pravin Immanuel	IV-Mech A	S. Pravin Immanuel
30)	19	M. Hari Mungath	IV-Mech A	M. Hari Mungath



Ref.No. KCE/Principal/Circular/47/2018-2019

Date: 08.04.2019

CIRCULAR

An Orientation Programme on “**Entrepreneurship**” by **Dr. J. Swaminathan**, AP/Management Studies, AVC College of Engineering, Mayiladuthurai, is arranged for Second year students at Pallava Hall on 10.04.2019 by 10.00 a.m.

J. Swaminathan
8/4/19

PRINCIPAL

Copy to

Secretary, CEO, V.P and All HODs through edumate

To be read in all second year classrooms

EDC - ORIENTATION PROGRAMME

VENUE - PALLAVA HALL

DATE - 10.04.19

S.No	Name	Branch	Signature
1	M. Ezhilarasi	II - ECE	M. Ezhilarasi
2	M. Srithala	II - ECE	M. Srithala
3	A. Sivasaranya	II - ECE	A. S. Sivasaranya
4	M. Veeralakshmi	II - ECE	M. Veeralakshmi
5	K. Soundharya	II - ECE	K. Soundharya
6	S. Hemamalini	II - ECE	S. H. Lin
7	U. Udhayarani	II - ECE	U. Udhayarani
8	V.G. Amirtha	II - ECE	V.G. Amirtha
9	M. Senthamarai	II - ECE	M. Senthamarai
10	S. Nandhini	II - ECE	S. Nandhini
11	P. LincyFreeda	II - ECE	P. LincyFreeda
12	P. Jayabharathi	II - ECE	P. Jayabharathi
13	R. Priyadharshini	II - ECE	R. Priyadharshini
14	M. Iswarya	II - ECE	M. Iswarya

S.No	Name	Branch	Signature
15.	R. Santhashini	II - ECE	R. Santhashini
16.	G. Keerthana shai	II - ECE	G. Keerthana shai
17.	K. B. Harish	II - ECE	K. B. Harish
18.	V. Sathya	II - ECE	V. Sathya
19.	R. Saran Kumar	II - ECE	R. Saran Kumar
20.	M. Vijay	II - ECE	M. Vijay
21.	K. Ajith	II - ECE	K. Ajith
22.	Sivakumar	II - ECE	Sivakumar
23.	R. Vishwanath	II - ECE	R. Vishwanath
24.	T. Nisha	II - ECE	T. Nisha
25.	M. Manushya	II - ECE	M. Manushya
26.	R. Soundarya	II - ECE	R. Soundarya
27.	M. Nandhini	II - ECE	M. Nandhini
28.	S. Sindhu	II - ECE	S. Sindhu
29.	R. Prithvishini	II - ECE	R. Prithvishini
30.	P. Raghav	II - ECE	P. Raghav
31.	A. YUVARAJ	II - CIVIL	A. YUVARAJ

NO	Name	Branch	Signature
30	J. AUGUSTINE ALBERT	II - mech	[Signature]
31.	N. KAVIYARASAN	II - mech	[Signature]
32.	R. MOHAMED YASIN SHERIF	II - mech	[Signature]
33.	K. Prabhakaran	II - EEE	[Signature]
34.)	S. Harikaran	II - EEE	[Signature]
35.)	M. MANO	II - EEE	[Signature]
36	S. Sudharani	II - EEE	[Signature]
37	S. Aravind	II - EEE	[Signature]
38.	Divya Prashanth R.	II - EEE	[Signature]
39.	E. Ganeshan	II - EEE	[Signature]
40	R. Hariharan	II - EEE	[Signature]
41.	V. HARIHARAN	II - MECH	[Signature]
42.	J. JARAN	II - MECH	[Signature]
43-	X. JERALD EDWIN	II - MECH	[Signature]
44.	C. MAGESHWARAN	II - MECH	[Signature]
45-	D. Sandesh Arandh.	II CIVIL	[Signature]
46.	K. Rajitha	II CIVIL	[Signature]
47.	Suriga Prashanth K.S.	II CIVIL	[Signature]
48	V. Sathya.	II - ECE	[Signature]
49	R. Sivakumar	II - ECE	[Signature]
50.	Gune Sivathir K.S.	II - CIVIL	[Signature]

S.No	Name	Branch	Signature
50	K. Alagesan.	II - Mech - 'A'	K. Alagesan 10/4/19
52	Aakash Kaushal S	II - Mech	Aakash Kaushal
53	M. Sathya Moorthi	II - Mech - B	M. Sathya Moorthi
54	K. Senthambiz Sudar	II - Mech - B	K. Senthambiz Sudar
55	R. Srinivasan	II - Mech - B	R. Srinivasan
56	R.L. Wilber Judson	II - Mech - B	R.L. Wilber Judson
57	R. Senthil	II - Mech - B	R. Senthil
58	D. Thirupuggeh	II - Mech - B	D. Thirupuggeh
59	Prakash M	II - Mech - B	Prakash M
60	Karthikeyan	II - Mech - B	Karthikeyan
61	Santhosh sivan B.	II - Mech - B	Santhosh sivan B.
62	B.D. Senthambiz priyan	II - Mech - B	B.D. Senthambiz priyan
63	Sarath Kumar	II - Mech - B	Sarath Kumar
64	Satish Vishnu S	II - Mech - B	Satish Vishnu S
65	M. Karthick	II - Mech - A.	M. Karthick

16/08/17.

From

J. Sudhakar, AP, Co-ordinator - ED cell,
Kings College of Engineering
Punalkulam.

To

The Principal,
Kings College of Engineering,
Punalkulam.

Respected Madam,

Sub: Requesting permission to Conduct a motivational
and awareness programme for ED club-rg.

I request your permission to organize
a motivational and awareness programme for our
ED cell members on 19/08/17. [Saturday]

And also I request permission for the following
requirements.

- | | |
|------------------------|--------|
| 1. Shawl and Memento - | 1 each |
| 2. Tea and Snacks - | 1 nos. |

Thanking You,

J. Sudhakar
16/8/17.

Yours Truly,
K. S. S. S.
16/8/17.



Ref: KCE/PRL/EDC /17-18

17.08.2017

CIRCULAR

Entrepreneurship Development Cell of our college is organizing a motivational and awareness programme for our ED Cell - Club members. Hence, all the club members are instructed to attend the programme without fail.

Resource person : Adarsh Mittal A., FC, EDI Hub, SASTRA University

Venue : Pallava Hall

Time : 3.00 p.m. to 4.30 p.m.

Date : 19/08/17

J. Donnetti
17/8/17
PRINCIPAL

Copy to:

1. Secretary
2. All HODs
3. To be read in all class rooms

A report on Awareness and Motivational Programme organised by ED Cell

ED Cell of our college organized an awareness and motivation programme for the ED Cell Club members (Final Year) on 19.08.2017 (Saturday). Mr. A. Adarsh Mittal, Field Coordinator, EDII Hub, Govt. of Tamil Nadu (SASTRA) was invited as resource person and he delivered his speech with practical applications in the field of entrepreneurship. In that programme more than 130 students from various departments attended and got benefited.



Honoring the Resource Person



Mr. A. Adarsh Mittal delivering the lecture



A view of participants listening to the lecture



Co ordinator, ED Cell



Principal



Entrepreneurship Development Cell
Motivational and Awareness Programme

19.08.2017

Time : 3.00 p.m to 4.30 p.m

Venue : A/V Hall

CSE

Sl.No	Name	Signature
1	H. Sudha Sudharsan Rao.	H. Sudha
2	S. Madhavan	S. Madhavan
3	S. Vijai Aravind	S. Vijai
4	S. Shangeetha	S. Shangeetha
5	D. Abirami	D. Abirami
6	T. Ramya	T. Ramya
7	V. SUBATHRA	V. Subathra
8	Gr. Anusuya	Gr. Anusuya
9	K. Yogeshwari	K. Yogeshwari
10	P. Gayathri	P. Gayathri
11	T. Jyvarani	T. Jyvarani
12	N. Abhivaniya	N. Abhivaniya
13	R. Varshini	R. Varshini
14	T. Shalini	T. Shalini
15	K. Suvitha	K. Suvitha
16	R. Siva Sangeetha	R. Siva Sangeetha
17	A. Abihael	A. Abihael
18	N. Tamilneethi	N. Tamilneethi
19	B. Abirami	B. Abirami
20	S.R. Banumathi	S.R. Banumathi
21	Deivanai. M	Deivanai. M
22	AISHWARYA. S	AISHWARYA. S
23	T. Abinaya	T. Abinaya
24	R. Nagalakshmi	R. Nagalakshmi
25	M. Barapithavan	M. Barapithavan
26	A. Adarsh	A. Adarsh
27	M. Arulselvi	M. Arulselvi
28	S. Vikram	S. Vikram
29	K. Rajuvaran	K. Rajuvaran
30	R. Raja Prasanth	R. Raja Prasanth
31	R. Vijay	R. Vijay
32	M. Dhivaha	M. Dhivaha
33		
34		

[Handwritten signature]

CIVIL A

Sl.No	Name	Signature
1	C. Ajith Kumar	C. Ajith Kumar
2	P. Manikandan	P. Manikandan
3	M. Kamalraj	M. Kamalraj
4	G. Gunaseelan	G. Gunaseelan
5	D. JOEL ROHAN	D. JOEL ROHAN
6	N. INDIRA KUMAR	N. INDIRA KUMAR
7	Mohamed A Zarudeen	Mohamed A Zarudeen
8	R. Nivassuelhan	R. Nivassuelhan
9	N. Ajith	N. Ajith
10	B. Dinesh	B. Dinesh
11	K.R. Gurusubrahakaram	K.R. Gurusubrahakaram
12	C. Anandh	C. Anandh
13	S. Dharmasubramanian	S. Dharmasubramanian
14	Z. Mohanud Ashiq	Z. Mohanud Ashiq
15	K. Gunaseelan	K. Gunaseelan
16	N. Ajith H. Prabhakar	H. Prabhakar
17	Mukilan Durai	Mukilan Durai
18	G.K. Monish	G.K. Monish
19	T. Arun	T. Arun
20		
21		
22		
23		

CIVIL B

Sl.No	Name	Signature
1	P. VIGNESH	P. Vignesh
2	R. Thirunavukarasu	R. Thirunavukarasu
3	V. Vijayaraja Cholan	V. Vijayaraja Cholan
4	K. Manikandan	K. Manikandan
5	R. Abhishek	R. Abhishek
6	M. Sahithi Kumar	M. Sahithi Kumar
7	K. ARUNMOZHI	K. Arunmozhi
8	D. Thangapandian	D. Thangapandian
9	M. Thirupathy	M. Thirupathy
10	K. Vignashwaran	K. Vignashwaran
11	P. Vignesh	P. Vignesh
12	M.P. Sakthimanimagudam	M.P. Sakthimanimagudam
13	M.S. Manikandan	M.S. Manikandan
14	R. Venkateshwaran	R. Venkateshwaran
15	S. Raguvaran	S. Raguvaran
16		
17		
18		


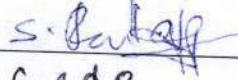
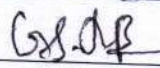
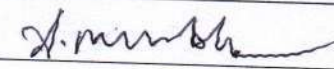

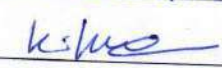


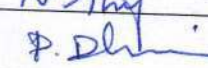
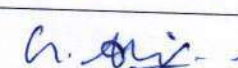
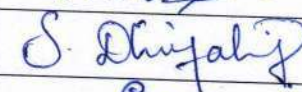
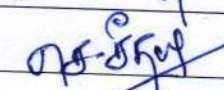
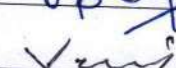
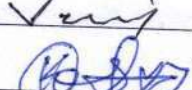

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EEE

Sl.No	Name	Signature
1	P. Partha Singh	P. Partha Singh
2	S. Karthick	S. Karthick
3	B. Insathullah	B. Insathullah
4	K. Dharmu	K. Dharmu
5	R. Kishore Kumar	R. Kishore Kumar
6	U.R. Uma Kanth	U.R. Uma Kanth
7		
8		
9		
10		

R. Kishore Kumar

ECE

Sl.No	Name	Signature
1	A. Aravind Armstrong	
2	S. Balaji	
3	Saravara Bhavan . GS	
4	Mahibaalan . A	
5	J. Karthick .	
6	K. Kiruthika	
7	R. Swathipriya	
8	N. Abenayavandani	
9	P. Dharamaswari	
10	Gr. Abinaya	
11	S. Dhivyalakshmi	
12	S. Seetha .	
13	Venkat ramani	
14	Venkatesh . K	
15	M. JANANI	
16		
17		
18		
19		
20		

 19/8/19

MECHANICAL A

Sl.No	Name	Signature
1	S. Vinodh Kumar	S. Vinodh Kumar
2	V. Vinodhagan	V. Vinodhagan
3	M. Devah	M. Devah
4	K. Subash	K. Subash
5	H.A. Akilan Amirdarg	H.A. Akilan
6	V. Alagar samy	V. Alagar samy
7	E. Ajeeth kumar	E. Ajeeth kumar
8	D. daniel	D. daniel
9	N. TAMIL MARAN	N. TAMIL MARAN
10	D. STEPHEN RAS	D. STEPHEN RAS
11	R. Sotiya	R. Sotiya
12	R. Balaji	R. Balaji
13	A. Ananthan	A. Ananthan
14	A. Arun	A. Arun
15	A. Anuth Raj	A. Anuth Raj
16	S. AVINASH	S. AVINASH
17		
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19/8/18



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IEEE Madras Section – Student Branch Activities

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IEEE Madras Section -- Student Branch Activity Report - 2020

This Activity report is to be submitted by all SBs Madras Section for evaluation & consideration to receive the Certificate of Appreciation and Cash Awards during the IEEE Annual Meet 2019
All information should be related to the period 1st Jan 2020 to 31st Dec 2020

Please email the report to ieeemas.docs@gmail.com latest by **31st Jan 2021**

PART A

1. Student Branch Code : 16621
2. Name of the Institution : Kings College of Engineering
3. Address of the Institution : Punalkulam, Gandarvakottai tk
4. City/Town of the Institution : Pudukottai - Dt.
5. Website of the Institution : www.kingsindia.net
6. Website address of the SB : www.kingsindia.net/ieee.htm
7. Year of SB establishment : 2014
8. A/C No. of the SB & Bank : 136401000021966 / Indian Overseas Bank
9. No. of Professional Members : 06
10. No. of Student Members : UG Student Members: 0 Graduate Student Members: 12
11. SB Counsellor Name : Dr. J. Arputha Vijaya Selvi
12. SB Counsellor Email ID : vijayas_02@yahoo.co.in
13. SB Counsellor Contact Phone : +91 94425 90002
14. SB Chairperson Name : Mr. S.V. Vijaya Karthik
15. SB Chairperson Email ID : visitvijay@rocketmail.com
16. SB Chairperson Contact Phone : +919443344434
17. SB Advisor Name : Dr. S. Sivakumar
18. SB Advisor Email ID : vpkings@gmail.com
19. SB Advisor Contact Phone : +91 94425 90003
20. Principal Name : Dr. J. Arputha Vijaya Selvi
21. Principal Email ID : principal@kingsindia.net
22. Principal Contact Phone : + 91 94425 90002

PART B

23. Please provide the details of Affinity Groups (AGs) & Society Chapters (SCs) in your institution. Add the names of AGs & SCs

Name of AG / SC	Year of starting	No. of members	Chapter Chairperson Name & Email ID
WIE AG			
Computer Society			
Communication Society			

24. Has your SB received any financial support for organising events at the institution from IEEE Madras Section? If yes provide the event details & amount of financial support received. No

25. Has your SB received financial support for IEEE Madras Section Student Project Funding? If yes pl. provide details of the project & amount of financial support received. No

26. Have your SB members received any financial travel support for presenting papers in IEEE approved conf. / project competition held abroad / sponsored for any events by the Section? If yes pl. provide details. No

27. Has your SB hosted any of the IEEE Madras Section Events such as FDP / Hub Congress / Contest / Competition / Technical Meetings / Conference etc? If yes pl. provide details. No

PART C

Summary of Events (Type wise) conducted by your institution SB, Affinity Groups & Society Chapters during the year. (in the chronological order – latest first) If the space is inadequate, insert rows in the table and add the information on events. Pl. include only events conducted during 1st Jan 2020 – 31st Dec 2020

28. Conferences

Sl. No.	Event Date/s	Event Type National Conference / Intl. Conference	Topic of the Event	Resource Persons
1	13 th March, 2020	National Conference	National Conference of "Emerging Trends in Computing, Control & Communication Technologies (ETCCCT'2020)	Dr. Arun K. Majumdar, Adjunct Professor, Colorado State University, Pueblo, Colorado, USA.

29. Workshops / Seminars / FDPs

Sl. No.	Event Date/s	Event Type Workshop /Seminar/ FDP	Topic of the Event	Resource Persons
1 ✓	14 th February, 2020	Workshop	Machine Learning using Python	Mr. Karthi Renganathan, Business Head, IFANDFOR Endeavours, Chennai
2 ✓	15 th February, 2020	Workshop	Graphic Design and Automation	Mr.G.Vaitheeswaran, Graphic Designer & 3D Modeler, Olir Designs Mr.Royal Ricard, Graphic Designer and Director, Olir Designs
3	21 st February, 2020	Workshop	Advanced Control Techniques in Industrial Engineering	Dr.S.Sivakumar, Assoc.Prof/EEE Mr.R.Sundaramoorthi, AP/EEE Mr.J.Arokiaraj, AP/EEE Dr.M.Meenalochani, AP/EEE Kings College of Engineering
4	13 th to 17 th July, 2020	FDP	Recent Advancements and Technologies in Electrical Engineering- A Research Perspective	Dr.S.Rama Reddy, Rajalakshmi Engineering College, Chennai Dr.A.Dheepan Chakkravarthy, Bannari Amman Institute of Technology, Sathyamangalam. Mr.M.Vijayakumar, E.G.S Pillay Engineering College Nagapattinam Dr. S. Sivakumar, Kings College of Engineering Pudukottai Mr. S. Selvakumar, Head Engineering and Design Power Projects

30. Technical Talks / Guest Lectures / DVP Talks

Sl. No.	Event Date/s	Event Type Technical Talk/ Guest lecture / DVP Talk/	Topic of the Event	Resource Persons
1	15 th February, 2020	Guest Lecture	Wireless Communications	Mr. Abhishek Kumar, Junior Research Fellow/ECE, National Institute of Technology - Karnataka, Surathkal
2	30 th April, 2020	Webinar	Role of Embedded Systems in Data Processing	Mr. P. Rajasekar, V3 Technologies, Thanjavur
3	12 th May, 2020	Webinar	Webinar on Design of Solar PV System for Home	Dr. S. Albert Alexander Kongu Engineering College Perundurai
4	20 th & 21 st May 2020	Webinar	Webinar on Accelerate your Internet of Things Vision	Mr. A. Jeevanantham Kongu Engineering College Perundurai
5	15 th May 2020	Webinar	Optimization Techniques	Dr. M. Meenalochani Kings College of Engineering

6	27 th May 2020	Webinar	Research Trends in Multirate Signal Processing	Dr. V. Sakthivel National Institute of Technology, Calicut.
7	08 th to 10 th June 2020	Webinar	Embedded and Real-Time Systems using Arduino	Mr. P. Raja Pirian Mr. T. Jayaseelan Mr. T. Pasupathi Kings College of Engineering
8	10 th June, 2020	Webinar	Antennas for Healthcare Application	Dr. T. Anita Jones Mary Pushpa, Karunya Institute of Technology and Sciences, Coimbatore.
9	19 th June 2020	Webinar	FSOC : Design Challenges	Dr. K. Prabhu National Institute of Technology-K Surathkal
10	19 th June 2020	Webinar	Design of Overhead Transmission Lines	Mr. Vinit Mehta MBM Engineering College Jodhpur
11	22 nd June 2020	Webinar	Robotics	Mr. E. Venugopal Sri Eshwar College of Engineering Coimbatore
12	29 th June 2020	Webinar	Amazon Web Services with EC2, EB and S3	Dr. V. Bala Dhandayuthapani Shinas College of Technology Omen
13	06 th to 10 th July, 2020	Webinar	Alumni Series	Ms. S. Sharmila Thagore, Bangalore Mr. R. Surendhar, England Mr. A. Athiraja, Coimbatore Ms. N. Vaishnavi, Singapore Mr. P. Arvind Preshant, USA
14	17 th & 18 th July, 2020	Webinar	Design Procedures for Patent and IT Industry Revolution	Mr. A. Terance Ruban, WNS Global Services Pvt. Ltd. Chennai Prof. R. Kaja Bantha Navas, Sathyabama Institute of Science & Technology, Chennai
15	01 st October, 2020	Technical Talk	National Level Technical e-symposium	Mr. K. Dhinesh Kumar, Head - Software Engineering Department, Kirizom Institute of Technology, Cambodia
16	03 rd October, 2020	Technical Talk	National Level Technical e-symposium	Mr. Balakumar Kanagasapathi, Headcare Innovation Head, TCS, Chennai
17	24 th November, 2020	Webinar	Women in Engineering	Ms. G. Indhumathi Senior Development Engineer Accenture, India

31. Other Events (such as Awareness Pgms / Competitions / Field Visits / Quizzes / Discussion Meetings etc) Pl. include only the activities organised by the IEEE SBs and NOT by the institution / other Depts.

Sl. No.	Event Date/s	Event Type Awareness Pgm/ Competition/Field Visit/Quiz/ Discussion Meeting	Topic of the Event	Resource Persons
1	24 th January'2020	Skill development	Soft Skills	Mr. R. Ramachandran, Former Professor, Irrigation Management

				Training Institute, Trichy
2	05 th March, 2020	Field Visits	Visit to BSNL, TNJ	Mr. A. Herald, AP/ECE, Kings College of Engineering
3	06 th March, 2020	Awareness Programme	Higher Education & Role of Engineers in Future India	Dr. A. Senthilkumar, Project scientist, IIT Chennai
4	29 th May, 2020	Quiz	Electrical Engineering	-
5	05 th June 2020	EXPO	Kings Science Expo 2020	Dr. M. Meenalotchini, AP/EEE, Mr. T. Pasupathi, AP/ECE
6	16 th & 17 th June 2020	Online Quiz	Electronics	-

32. Details of Extension / Humanitarian activities conducted – such as Awareness on Energy Saving, Electricity safely etc. to the public; Helping the farmers to adopt the technology in the farming activities; Digital Literacy camp; Community service etc.

Sl. No.	Activity Date/s	Activity Awareness camp/ Community Service/ Offering help	Activity Details	Impact on such activity including no. of people benefited
1	03 rd March, 2020	Awareness camp	Electricity safety Resource Person: Mr. S.R. Karthikeyan, AP/EEE, Kings College of Engineering	Created awareness on electrical safety to school students and staffs

PART D

33. Have you submitted reports of the above events for publishing in IEEE MAS LINK? If yes for How Many? Provide your feedback on their publishing in the MAS LINK.

Type of Event	Conducted (nos)	Reported to MAS LINK (nos)	Published in MASLINK (nos)	Remarks / Feedback on publishing in the MAS LINK
34. Conferences	1	1	1	
35. Workshops/ Seminars/ FDPs	4	3	3	
36. Technical Talks/ Guest Lectures/ DVP Talks	17	8	7	
37. Other Events (such as Awareness Pgms/ Competitions/ Field Visits/ Quizzes/ Discussion	06	03	02	

Meetings etc)				
38. Extension / Humanitarian activities	1	1	1	

39. Has your SB utilised the services of the IEEE Madras Section Office in publicizing the events organised?. If Yes provide details No

40. Have any Execom Members of Madras Section or the Society Chairpersons of Madras Section visited your SB? If yes, pl. provide the details such as date, occasion. No

41. Remarks and any additional information of relevance to the activities of SB such as Achievements by your members, Participation in Xtreme Contest, National events, Awards received from IEEE R10, HQ etc., Funding received from IEEE OUs No

42. Have you done Student Branch Reporting at <https://sbr.vtools.ieee.org/> to report your activities and receive your annual rebate for 2020? Yes

43. Have you reported your current(2021) Student Branch Chair and Student Branch Counselor at the IEEE vTools Officer Reporting at <https://officers.vtools.ieee.org/>

31/12/2020
J. Muthu
31/12/2020

KINGS COLLEGE OF ENGINEERING
IEEE STUDENTS BRANCH STB 16621

Webinar Report

A two days webinar on "Design Procedures for Patent and IT Industry Revolution" was organized by Department of Electrical & Electronics Engineering in association with IEEE Student Branch STB 16621 on 17th & 18th July, 2020. On day 1 Mr. C. John Selvaraj, AP/EEE welcomed the participants and Mr. S.R. Karthikeyan, AP/EEE introduced the resource person. **Mr. A. Terance Ruban**, WNS Global Services Pvt. Ltd. Chennai delivered lecture. On Day 2, Mr. Sakthivel introduced the resource person. **Prof. R. Kaja Bantha Navas**, Sathyabama Institute of Science & Technology, Chennai delivered lecture. Mr. S.R. Karthikeyan, AP/EEE proposed vote of thanks. Around 120 people participated in the webinar.

R. Sundaramoorthi
Report by
Mr. R. Sundaramoorthi
Membership No. 93086892
Kings College of Engineering

S. Sakthivel
14/10/2020



TWO DAYS WEBINAR SERIES
ON
"DESIGN PROCEDURES FOR PATENT AND IT INDUSTRY
REVOLUTION"

17th & 18th JULY 2020
11.00 a.m to 12.30 p.m
Registration Link <https://forms.gle/sNdTLHYtGPTTtjaQ8>

DAY 1:



RESOURCE PERSON
A. Terence Ruban
Assistant Vice President,
WNS Global Services Pvt Limited,
Chennai.
Title: Walk Through IT/ITES Industry

DAY 2

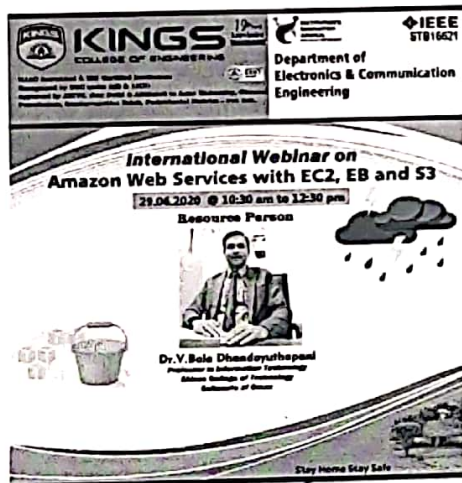


RESOURCE PERSON
Prof. R. Kaja Bantha Navas
Assistant Professor,
School of Mechanical Engineering,
Sathyabama Institute of Science and Technology,
Chennai
Title: Patent Drafting and Procedure

KINGS COLLEGE OF ENGINEERING
IEEE STUDENTS BRANCH STB 16621

WEBINAR REPORT

Department of Electronics and Communication Engineering and IEEE Student Branch (16621) was jointly organized its First International webinar on "Amazon Web Services with EC2, EB and S3" on 29th June, 2020. A total of 377 registrations were received from various institutions spread over India and abroad. Dr. J. Arputha Vijaya Selvi, Principal, presided over the webinar. The convener of this webinar, Mrs. N. Mangaiyarkarasi, HOD/ECE, welcomed the participants and introduced the resource person to the participants. Dr. V. Bala Dhandayuthapani, Professor in Information Technology, Shinas Institute of Technology, Oman delivered the lecture. In his lecture, he briefed on Cloud Computing, AWS Global Cloud infrastructure, Creating an account in AWS, Elastic Compute Cloud, Simple Storage Service and Elastic Bean Stack with live demonstrations. Dr. V. Bala Dhandayuthapani clarified the queries raised by the participants. Mr. P. Raja Pirian, AP/ECE, delivered the vote of thanks. Mr. J. Niranjana Samuel, JRF/ECE-R&D, moderated the session. A total of 327 members from various institutions at India, Denmark, Indonesia, Oman and Singapore were participated in this programme.



Report by

Pl
9/8/20
Mr. P. Raja Pirian, AP/ECE
Kings College of Engineering,
Punalkulam, Pudukkottai
rajapirian@gmail.com
94349595

Workshop on "Graphic Designing and Animation - 2D & 3D"

A one day workshop on "Graphic Designing and Animation - 2D & 3D" was jointly organized on 15.02.2020 by Department CSE and IEEE Students Branch (STB-16621) for the students with a objective to offer a better understanding of animation and also to empower their creativeness. **Mr.G.Vaitheeswaran**, Graphic Designer and 3D Modeler, Olir Designs and **Mr.Royal Ricard**, Graphic Designer and Director, Olir Designs were the resource persons of the workshop. The students of the workshop obtained a working knowledge on Photoshop, Illustrator and Premier Pro which is graphic and animation software through hands on session. A total of **87(External: 48, Internal: 39)** students attended the programme. The workshop was coordinated by Ms.R.Sugantha Lakshmi AP/CSE and Mrs.G.Chandra Praba AP/CSE. The workshop highlighted on the basics of graphics and animation software's through hands-on experience with the industry standard.



Report by *K. Abhirami* 22/2/20
Ms.K.Abhirami
Membership No. 96021784
Kings College of Engineering

J. Praveen
22/2/2020



Workshop on “Machine Learning using Python”

A workshop on Machine Learning using Python was organized by IEEE STB 16621 and Department of ECE on 14th February, 2020. Mr. P. Raja Pirian, Assistant Professor/ECE welcomed the gathering. Mrs. N. Mangaiyarkarasi, HOD/ECE presided over the function and delivered presidential address. Mrs. P. Thirumagal, AP/ECE, introduced the resource person to the gathering. Mr. Karthi Renganathan, Business Head, IFANDFOR Endeavours, Chennai delivered inaugural address. In his inaugural address, he motivated the students to involve themselves in IoT Domain and carry out their project work in the area of Machine Learning for their career development.

During the session, Mr. Karthi, briefed on the basics of Machine Learning and introduction to python. Also he illustrated Linear Regression, Trees and forests can be used for statistical analysis in ML. During the hands-on-session, he demonstrated the applications, such as clustering concept, Neural network in a detailed manner. A total of 77 students (including participants from other institutions) participated and gained knowledge in the area of machine learning and python.



Report by
Mr. P. Raja Pirian
Membership No. 94349595
Kings College of Engineering
rajapirian@gmail.com

ph
14/2/20

J. Ranganathan
18/2/2020

IEEE Madras Section -- Student Branch Activity Report - 2019

This Activity report is to be submitted by all SBs Madras Section for evaluation & consideration to receive the Certificate of Appreciation and Cash Awards during the IEEE Annual Meet 2019
All information should be related to the period 1st Jan 2019 to 31st Dec 2019

Please email the report to ieeemas.docs@gmail.com latest by **20th Jan 2020**

PART A

1. Student Branch Code : 16621
2. Name of the Institution : Kings College of Engineering
3. Address of the Institution : Punalkulam, Gandarvakottai tk
4. City/Town of the Institution : Pudukottai - Dt.
5. Website of the Institution : www.kingsindia.net
6. Website address of the SB : www.kingsindia.net/ieee.htm
7. Year of SB establishment : 2014
8. A/C No. of the SB & Bank : 136401000021966 / Indian Overseas Bank
9. No. of Professional Members : 06
10. No. of Student Members : UG Student Members: 01 Graduate Student Members: 11
11. SB Counsellor Name : Dr. J. Arputha Vijaya Selvi
12. SB Counsellor Email ID : vijayas_02@yahoo.co.in
13. SB Counsellor Contact Phone : +91 94425 90002
14. SB Chairperson Name : Ms. K. Nithya
15. SB Chairperson Email ID : nithyak2101@gmail.com
16. SB Chairperson Contact Phone : +916383686995
17. SB Advisor Name : Dr. S. Sivakumar
18. SB Advisor Email ID : vpkings@gmail.com
19. SB Advisor Contact Phone : +91 94425 90003
20. Principal Name : Dr. J. Arputha Vijaya Selvi
21. Principal Email ID : principal@kingsindia.net
22. Principal Contact Phone : + 91 94425 90002

PART B

23. Please provide the details of Affinity Groups (AGs) & Society Chapters (SCs) in your institution. Add the names of AGs & SCs

Name of AG / SC	Year of starting	No. of members	Chapter Chairperson Name & Email ID
WIE AG			
Computer Society			
Communication Society			

24. Has your SB received any financial support for organising events at the institution from IEEE Madras Section? If yes provide the event details & amount of financial support received. **No**

25. Has your SB received financial support for IEEE Madras Section Student Project Funding? If yes pl. provide details of the project & amount of financial support received. **No**

26. Have your SB members received any financial travel support for presenting papers in IEEE approved conf. / project competition held abroad / sponsored for any events by the Section? If yes pl. provide details. **No**

27. Has your SB hosted any of the IEEE Madras Section Events such as FDP / Hub Congress / Contest / Competition / Technical Meetings / Conference etc? If yes pl. provide details. **No**

PART C

Summary of Events (Type wise) conducted by your institution SB, Affinity Groups & Society Chapters during the year. (in the chronological order – latest first) If the space is inadequate, insert rows in the table and add the information on events. Pl. include only events conducted during 1st Jan 2019 – 31st Dec 2019

28. Conferences

Sl. No.	Event Date/s	Event Type National Conference / Intl. Conference	Topic of the Event	Resource Persons
1	15 th March, 2019	National Conference	National Conference on Emerging Trends in Electronics and Communication Engineering (NCETECE'19)	Dr. S. Krishnakumar Senior Technical Officer, DRDO, Chennai Dr.S.Albert Alexander, Asso. Prof/EEE, Kongu Engineering College, Perundurai

29. Workshops / Seminars / FDPs

Sl. No.	Event Date/s	Event Type Workshop /Seminar/ FDP	Topic of the Event	Resource Persons
1 ✓	01 st & 02 nd November, 2019	FDP	Research Issues and Solutions in Sustainable Energy Conversion and Renewable Energy Sources	Dr.M.Venkatakirthiga Associate Professor/EEE, National Institute of Technology, Trichy Dr.S.Sivakumar, Professor/EEE, Kings College of Engineering Dr.V.Mohan, Professor/EEE, E.G.S Pillay Engg. College, Nagappattinam. Dr.M.Meenalochani, Assistant Professor/EEE, Kings College of Engineering
2 ✓	19 th July 2019	Workshop	IoT using Raspberry Pi	Mr.A.Jeevanantham, Assistant Professor/ IT, Kongu Engineering College Erode
3	27 th & 28 th February, 2019	Workshop	Biomedical Interventions	Dr. K. Damodaran, Senior Consultant & Interventional Cardiologist, Apollo Hospital, Chennai Dr. S. Baskaran, Biomedical Engineer, Gentech Marketing Pvt. Ltd., New Delhi Dr. Kiran George, Assoc. Professor, Electronics and Instrumentation Engineering, Annamalai University, Chidambaram Dr. G. Shanthi, Scientist, Manager Preclinical, Microtherapeutics Research Labs, Chennai Dr. S. Shanthi, Professor & Head/ECE, Adithya Institute of Technology, Coimbatore

30. Technical Talks / Guest Lectures / DVP Talks

Sl. No.	Event Date/s	Event Type Technical Talk/ Guest lecture / DVP Talk/	Topic of the Event	Resource Persons
1	09.08.2019	Guest lecture	Antennas for Defence Applications	Dr. D. C. Pande, DRDO Distinguished Fellow Electronics & Radar Development Establishment Bangalore Dr. S. Raghavan Professor/ECE, National Institute of Technology, Trichy
2	07.08.2019	Guest lecture	Biomedical Instrumentation	Dr. Raji Sundararajan, Professor /Electrical Engineering, Purdue University, Indiana, USA
3 ✓	02.02.2019	Guest lecture	Research Opportunities	Dr. Rominus Valsalam, Professor, APJ Abdul Kalam Technological University, Thiruvananthapuram
4 ✓	01.02.2019	Guest lecture	BioMedical Image Processing	Prof. Eric A. Hoffman, Professor /Biomedical Engineering, Iowa Institute for Biomedical Imaging, Iowa, USA Prof. Emma Stapleton Iowa Institute for Biomedical Imaging, Iowa, USA Prof. Abilash Iowa Institute for Biomedical Imaging, Iowa, USA

31. Other Events (such as Awareness Pgms / Competitions / Field Visits / Quizzes / Discussion Meetings etc) Pl. include only the activities organised by the IEEE SBs and NOT by the institution / other Depts.

Sl. No.	Event Date/s	Event Type Awareness Pgm/ Competition/Field Visit/Quiz/ Discussion Meeting	Topic of the Event	Resource Persons
1	04.10.2019	Competition	Project Expo	Dr. J. Arputha Vijaya Selvi, Principal
2	26.08.2019	Field Visit	Neyveli Lignite Corporation	Dr. S. Sivakumar, Prof/EEE Mr.J.Arockiaraj, AP/EEE

3	14.08.2019	Competition	PROJECT EXHIBITION	Smt. Sharmila Rajaa, Chairperson, Kings College of Engg Dr. R. Rajendran, Secretary Dr. J. Arputha Vijaya Selvi, Principal
4	29.01.2019	Field Visit	NIT SIEMENS LAB VISIT	Mr. T.Pasupathi, AP/ECE, Mr.J.Arockiaraj, AP/EEE, Mr.R.Shankar, AP/Mech and Mrs.Chandraprabha, AP/CSE

32. Details of Extension / Humanitarian activities conducted – such as Awareness on Energy Saving, Electricity safely etc. to the public; Helping the farmers to adopt the technology in the farming activities; Digital Literacy camp; Community service etc.

Sl. No.	Activity Date/s	Activity Awareness camp/ Community Service/ Offering help	Activity Details	Impact on such activity including no. of people benefited

PART D

33. Have you submitted reports of the above events for publishing in IEEE MAS LINK? If yes for How Many? Provide your feedback on their publishing in the MAS LINK.

Type of Event	Conducted (nos)	Reported to MAS LINK (nos)	Published in MASLINK (nos)	Remarks / Feedback on publishing in the MAS LINK
34. Conferences	1	0		
35. Workshops/ Seminars/ FDPs	3	2	1	
36. Technical Talks/ Guest Lectures/ DVP Talks	4	2	2	
37. Other Events (such as Awareness Pgms/ Competitions/ Field Visits/ Quizzes/ Discussion Meetings etc)	4	1	1	
38. Extension / Humanitarian activities				

39. Has your SB utilised the services of the IEEE Madras Section Office in publicizing the events organised?. If Yes provide details No

40. Have any Execom Members of Madras Section or the Society Chairpersons of Madras Section visited your SB? If yes, pl. provide the details such as date, occasion. No

41. Remarks and any additional information of relevance to the activities of SB such as Achievements by your members, Participation in Xtreme Contest, National events, Awards received from IEEE R10, HQ etc., Funding received from IEEE OUs No

42. Have you done Student Branch Reporting at <https://sbr.vtools.ieee.org/> to report your activities and receive your annual rebate for 2018? Yes

43. Have you reported your current(2020) Student Branch Chair and Student Branch Counselor at the IEEE vTools Officer Reporting at <https://officers.vtools.ieee.org/> Yes

J. Ramesh
31/12/2019.

J. Ramesh
31/12/2019



IEEE STUDENT BRANCH 16621

REPORT- TWO DAY FDP on "Research Issues and Solutions in Sustainable Energy Conversion and Renewable Energy Sources"

The Department of Electrical and Electronics Engineering, IEEE Student branch, ISTE Student branch and MHRD'S Institutions Innovation Cell have jointly organized a two day Faculty Development Programme on "Research Issues and Solutions in Sustainable Energy Conversion and Renewable Energy Sources" on 01.11.19 & 2.11.19.

Dr.S.Sivakumar, Vice Principal presided over Inaugural session. Dr.M.Venkatakirthiga Associate Professor/EEE, National Institute of Technology, Trichy delivered the Inaugural address.

In the first session, resource person has started about the general Introduction about Optimization Algorithms classification such as Genetic Algorithm, Particle swarm optimization techniques. Then she has given complete overview of Genetic Algorithm principles, flowchart, codings basics and implementation. She also has given how optimization Algorithms can be used in research Problems. During this session, the participants were actively interacted with the resource person.

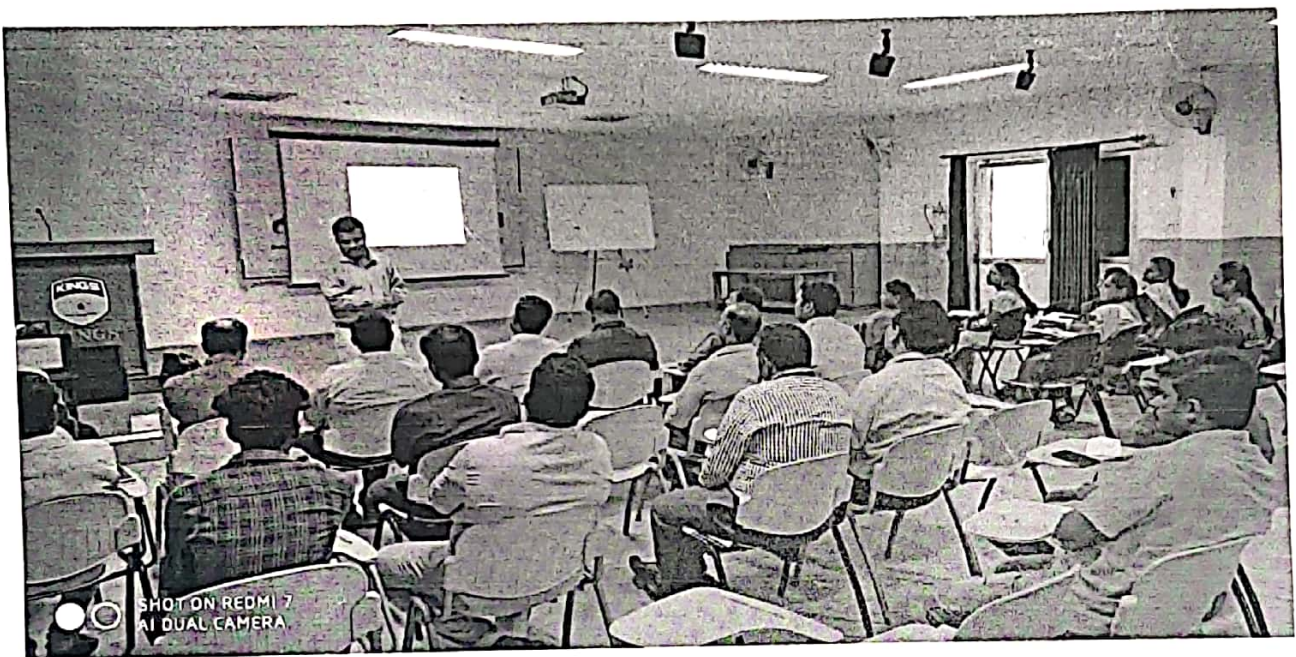
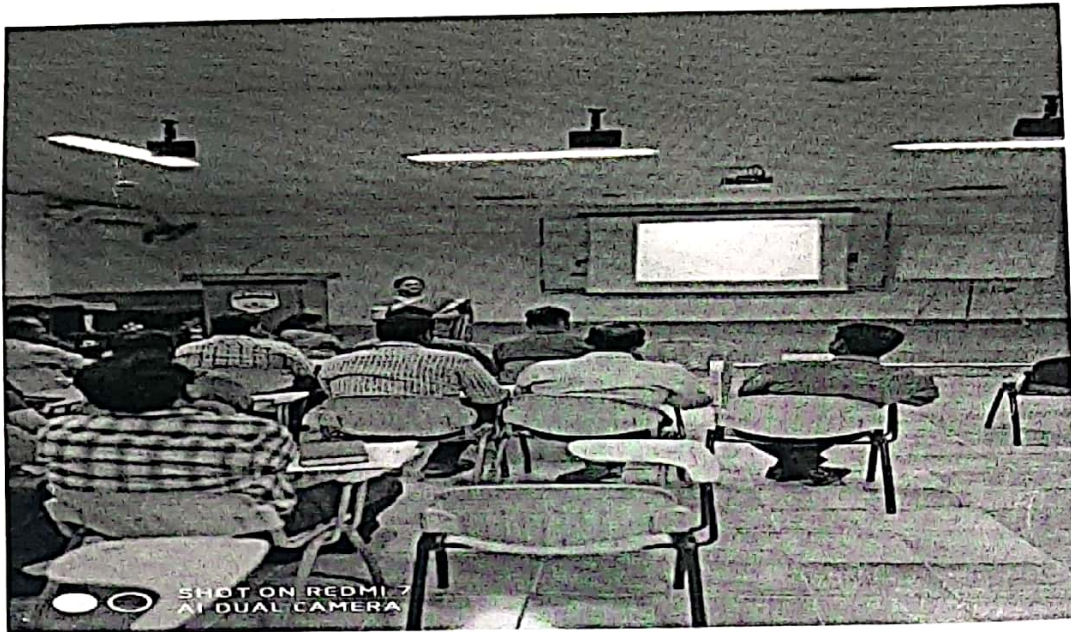
During the second session resource person has given an idea about Distributed Generation and she has explained how Islanding detection techniques can be used in Micro Grid. Through demonstrated pictures of distributed Generation she has given idea about how to solve the research problems in distributed Generation. Finally she has mentioned that research problems and solutions in Distributed Generation. The session was very informative and the participants were interacted with the resource person.

Dr.S.Sivakumar, Vice Principal, Kings College of Engineering has delivered a lecture on "Applications of Genetic Algorithms". He has given detailed concepts of Genetic Algorithms flow chart and basic definitions etc. He also demonstrated testing of GA Codings using Matlab. During this session, resource person has elaborated the GA tools for various research problems. This session was very interactive.

In the second day of FDP, Dr.V.Mohan, Professor/EEE, E.G.S Pillay Engineering College, Nagappattinam. He started the lecture from basics of Power Electronics, different types of converters, research module, research problems in Renewable Energy and AI tools used in converters. He also given a complete module of Research perspective in Smart Grid and Renewable Energy Sources and structured research steps. After the session he has interacted with the participants. This session was very interactive and informative.

Dr.M.Meenalochani, Assistant Professor/EEE, Kings College of Engineering has delivered a lecture on "Soft Computing techniques". She has given detailed basic concepts of soft switching and hard switching. Then, she has explained about Fuzzy logic systems, Membership functions, formation of rules. She has also given an idea about how to design Fuzzy Controllers for various Applications. This session was very informative.

Mr.C.John selvaraj,AP/EEE delivered the vote of thanks. The dignitaries issued certificates to all the participants. Finally the program ended with the National anthem



Pranav
10/12/2019.

J. Pradeep
10/12/2019.



IEEE STUDENT BRANCH 16621

Department of Electronics and Communication Engineering and IEEE Student Branch (16621), organized a one day workshop on "IoT using Raspberry Pi" on 19th July 2019. Totally 60 students have enthusiastically participated from various institutions. The objective of this workshop was to motivate the students and to involve them in IoT domain and also the students to get more ideas about IoT and Raspberry Pi and its interfacing systems.

Mr.A.Jeevanantham, Assistant Professor, IT, Kongu Engineering College was the resource person. In his lecture, he briefed on IoT, Architecture of Raspberry Pi, hardware specifications of IoT, GPIO and its uses. During the forenoon session, he demonstrated Interfacing of LED and AC appliances with Raspberry Pi and also controlled them via cloud.

Report by 

Mr. P. Raja Pirian

Membership No. 94349595

Kings College of Engineering

rajapirian@gmail.com

J. Jeevanantham
19/7/2019

IEEE Madras Section -- Student Branch Activity Report - 2017

Activity report submitted for evaluation & consideration to receive the Certificate of Appreciation and Cash Awards during the IEEE Annual Meet in Jan 2018.

Details of Activities during 1st Jan 2017 to 15th Dec 2017
2017-report-16621-Kings College of Engineering

PART A

1. Student Branch Code : 16621
2. Name of the Institution : Kings College of Engineering
3. Address of the Institution : Kings College of Engineering
Punalkulam, Thanjavur – 613 303
4. City/Town of the Institution : Thanjavur
5. Website of the Institution : www.kingsindia.net
6. Website address of the SB : www.kingsindia.net/ieee.htm
7. Year of SB establishment : 2014
8. A/C No. of the SB & Bank : 136401000021966 / Indian Overseas Bank
9. No. of Professional Members : 02
10. No. of Student Members : UG Student Members: 08 Graduate Student Members: 07
11. SB Counsellor Name : Dr. J. Arputha Vijaya Selvi
12. SB Counsellor Email ID : vijayas_02@yahoo.co.in
13. SB Counsellor Contact Phone : +91 94425 90002
14. SB Chairperson Name : Ms. S. Sowmiya
15. SB Chairperson Email ID : sowmiyasekar25@gmail.com
16. SB Chairperson Contact Phone : +91 9677343916
17. SB Advisor Name : Dr. S. Sivakumar
18. SB Advisor Email ID : vpkings@gmail.com
19. SB Advisor Contact Phone : +91 94425 90003
20. Principal Name : Dr. J. Arputha Vijaya Selvi
21. Principal Email ID : principal@kingsindia.net
22. Principal Contact Phone : + 91 94425 90002
23. Have you updated your SB particulars in the google form at <https://goo.gl/QK426B>: Yes

PART B

31. Please provide the details of Affinity Groups (AGs) & Society Chapters (SCs) in your institution. Add the names of AGs & SCs

Name of AG / SC	Year of starting	No. of members	Chapter Chairperson Name & Email ID
WIE AG	NIL	NIL	NIL
Computer Society	NIL	NIL	NIL
Communication Society	NIL	NIL	NIL

32. Has your SB received any financial support for organising events at the institution from IEEE Madras Section? If yes provide the event details & amount of financial support received.

NIL

33. Has your SB received financial support for IEEE Madras Section Student Project Funding? If yes pl. provide details of the project & amount of financial support received.

NIL

34. Have your SB members received any financial travel support for presenting papers in IEEE approved conf. / project competition held abroad / sponsored for any events by the Section? If yes pl. provide details.

NIL

35. Has your SB hosted any of the IEEE Madras Section Events such as FDP / Hub Congress / Contest / Competition / Technical Meetings / Conference etc? If yes pl. provide details.

NIL

PART C

Summary of Events (Type wise) conducted by your institution SB, Affinity Groups & Society Chapters during the year. (in the chronological order – latest first) If the space is inadequate, insert rows in the table and add the information on events. Pl. include only events conducted during 1st Jan 2017 – 15th Dec 2017

41. Conferences

Sl. No.	Event Date/s	Event Type National Conference / Intl. Conference	Topic of the Event	Resource Persons
-	-	-	-	-

42. Workshops / Seminars / FDPs

Sl. No.	Event Date/s	Event Type Workshop /Seminar/ FDP	Topic of the Event	Resource Persons
1	21.11.2017 & 22.11.2017	Workshop	Robotics – An Introduction	Mr. T.Jeyaseelan, Asst. Prof/ECE Mr. P.Narasimman, Asst. Prof/EEE Kings College of Engg., Punalkulam
2	27.09.2017	Workshop	Smart Grid –Future Electric Grid	Mrs. N. Hemavathi, Assistant Professor/EEE, Kings College of Engg., Punalkulam Mrs.M.Meenalochani, AP/ECE, ARJ College of Engineering and Technology, Mannargudi
3 ✓	29.08.2017	Workshop	Wireless Optical Communication	Dr. K. Prabhu, Associate Professor/SEE, VIT University, Vellore
4	24.08.2017	Workshop	Soft Computing Techniques for Renewable Energy Sources	Dr. S. Albert Alexander, AP(Sr.G)/EEE, Kongu Engineering College, Perundurai, Erode
5 ✓	08.08.2017	Workshop	What we do not teach about research in college	Dr. K. Balachandran, Associate Professor, School of Mechanical Engineering, SASTRA University, Thanjavur.
6	04.03.2017	Workshop	Inverterless Solar Energy Based Microgrid Systems	Dr.P.S.Kannan Professor Emeritus/EEE, Kings College of Engg., Punalkulam Dr. S. Sivakumar, Professor/EEE, Kings College of Engg., Punalkulam
7	25.02.2017	Workshop	Research Methodology and Statistical Tools for Research	Dr. A. Vasumathi, Professor & Programme Coordinator-MBA, VIT Business School, VIT University, Vellore Dr. V. R. Sarma Dhulipala, Assistant Professor, Anna University BIT Campus, Trichy

8 ✓	28.01.2017	Workshop Technically sponsored by IEEE CIS	Soft Computing	Dr. S. Sivakumar, Professor/EEE, Kings College of Engg., Punalkulam Dr. R. Amirtharajan Associate Professor/EE, SASTRA University, Thanjavur Mrs. N. Hemavathi, Assistant Professor/EEE, Kings College of Engg., Punalkulam
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43. Technical Talks / Guest Lectures / DVP Talks

Sl. No.	Event Date/s	Event Type Technical Talk/ Guest lecture / DVP Talk/	Topic of the Event	Resource Persons
1	31.07.2017	Guest lecture	Satellite Communications	Ms. M. Jehosheba Margaret, Assistant Professor/ECE, Sethu Institute of Technology, Virudhunagar
2 X	07.03.2017	Guest lecture	Data Converters	Mrs. R. Sowmyalakshmi, Assistant Professor/ECE, Anna University, BIT campus, Thiruchirapalli

44. Other Events (such as Awareness Pgms / Competitions / Field Visits / Quizzes / Discussion Meetings etc) Pl. include only the activities organised by the IEEE SBs and NOT by the institution / other Depts.

Sl. No.	Event Date/s	Event Type Awareness Pgm/ Competition/ Field Visit/ Quiz/ Discussion Meeting	Topic of the Event	Resource Persons
1	05.12.2017	Awareness Pgm	IEEE Membership & How to receive grants for projects	Mr. E. Venugopal Executive Committee member IEEE YPs – Madras Section Assistant Professor/EEE Sri Eshwar College of Engineering Coimbatore
2	30.10.2017	Field Visit	Science EXPO 2017	NA
3	30.06.2017	Awareness Pgm	IEEE Membership & Its Benefits	Mrs. N. Hemavathi, Assistant Professor/EEE,

				Kings College of Engg., Punalkulam
4	31.03.2017	Competition	CCEEM2K'17	Dr. J. Arputha Vijaya Selvi, Dean (R&D) Kings College of Engg., Punalkulam
5	17.03.2017	Competition	Innovative Technologies for Specially Abled Persons	Dr. V. Sureshkumar, HOD/ S&H Kings College of Engg., Punalkulam

45. Details of Extension / Humanitarian activities conducted – such as Awareness on Energy Saving, Electricity safely etc. to the public; Helping the farmers to adopt the technology in the farming activities; Digital Literacy camp; Community service etc.

Sl. No.	Activity Date/s	Activity Awareness camp/ Community Service/ Offering help	Activity Details	Impact on such activity including no. of people benefited
-	-	-	-	-

PART D

51. Have you submitted reports of the above events for publishing in IEEE MAS LINK? If yes for How Many? Provide your feedback on their publishing in the MAS LINK.

Type of Event	Conducted (nos)	Reported to MAS LINK (nos)	Published in MASLINK (nos)	Remarks / Feedback on publishing in the MAS LINK
41. Conferences	Nil	NA	NA	NIL
42. Workshops/ Seminars/ FDPs	8	6*	5	*Out of the six reports submitted and one will be published in December 2017 Issue
43. Technical Talks/ Guest Lectures/ DVP Talks	2	2	2	NIL
44. Other Events (such as Awareness Pgms/ Competitions/ Field Visits/ Quizzes/ Discussion	5	4*	3	*Out of the four reports submitted and one will be published in January 2018 Issue

Meetings etc)				
45. Extension / Humanitarian activities	NIL	NA	NA	NIL

52. Has your SB utilised the services of the IEEE Madras Section Office in publicizing the events organised?. If Yes provide details

Yes

1. One day workshop on "Research Methodology and Statistical Tools for Research" on 25th February, 2017.

53. Have any Execom Members of Madras Section or the Society Chairpersons of Madras Section visited your SB? If yes, pl. provide the details such as date, occasion.

No

54. Remarks and any additional information of relevance to the activities of SB such as Achievements by your members, Participation in Xtreme Contest, National events, Awards received from IEEE R10, HQ etc., Funding received from IEEE OUs

Yes, STB funding for 2016 (Rebate) – Rs. 5,129/-

55. Have you done Student Branch Reporting at <https://sbr.vtools.ieee.org/> to report your activities and receive your annual rebate for 2017?

Yes

56. Have you reported your current (2018) Student Branch Chair and Student Branch Counselor at the IEEE vTools Officer Reporting at <https://officers.vtools.ieee.org/>

Yes

S. Praveen
31/12/2017

Shrey
31/12/2017

KINGS COLLEGE OF ENGINEERING
IEEE STUDENTS BRANCH STB 16621

Guest Lecture on "Data Converters"

IEEE Student Branch and Dept. of Electronics & Communication Engineering organized a guest lecture on "Data Converters" on 07th March, 2017. Dr. J. Arputha Vijaya Selvi, IEEE SBC & Dean (R & D) welcomed the gathering. Mrs. R. Sowmyalakshmi, Assistant Professor/ECE, Anna University, BIT campus, Thiruchirapalli, delivered lecture. In her lecture, she briefed on overview of Data converters, ADC architectures, DAC architectures, comparator calibration techniques and precision techniques. Mr.P.Rajapirian, AP/ECE delivered the vote of thanks.



Reported by
Dr. J. Arputha Vijaya Selvi,
SBC & Dean,
Kings College of Engineering,
Punalkulam, Pudukkottai
Member ID: 90234387
vijayas_02@yahoo.co.in

J. Arputha
08/04/2017

Dr. J. Arputha
08/04/2017

IEEE Madras Section -- Student Branch Activity Report - 2016

This Activity report is to be submitted by all the student branches in Madras Section for consideration to receive the Certificate of Appreciation and Cash Awards during the IEEE Annual Meet in Jan 2017.

All information should be related to the period Jan 2016 to Nov 2016

PART A

1. Student Branch Code : STB16621
2. Name of the Institution : Kings College of Engineering
3. Address of the Institution : Kings College of Engineering,
Punalkullam
Pudukkottai-613303
4. City/Town of the Institution : Pudukkottai
5. Website of the Institution : www.kingsindia.net
6. Website address of the SB : www.kingsindia.net
7. Year of SB establishment :2014
8. A/C No. of the SB & Bank :136401000021966 / Indian Overseas Bank
- 9.No. of Professional Members : 1
10. No. of Student Members : UG Student Members: 4 Graduate Student Members: NIL
11. SB Counsellor Name : Dr.J.Arputha Vijaya Selvi
12. SB Counsellor Email ID :dean@kingsindia.net
13. SB Counsellor Contact Phone : 9894726897
14. SB Chairperson Name : B.Madhavan
15. SB Chairperson Email ID :bmathavanp@gmail.com
16. SB Chairperson Contact Phone :9944525103
17. SB Advisor Name : Dr.J.Arputha Vijaya Selvi
18. SB Advisor Email ID : dean@kingsindia.net
19. SB Advisor Contact Phone : 9894726897
20. Principal Name : Dr.S.Duraiaraj
21. Principal Email ID : principal@kingsindia.net
22. Principal Contact Phone : 04362-282474

PART B

31. Please provide the details of Affinity Groups (AGs) & Society Chapters (SCs) in your institution. Add the names of AGs & SCs

Name of AG / SC	Year of starting	No. of members	Chapter Chairperson Name & Email ID
WIE AG	NIL	NIL	NIL
Computer Society	NIL	NIL	NIL
Communication Society	NIL	NIL	NIL

32. Has your SB received any financial support for organising events at the institution from IEEE Madras Section? If yes provide details of the event & amount of financial support received.

Yes,

Details of the event : International Conference on Emerging Trends in Engineering,
Technology and Science

Amount Sanctioned: Rs.7500 (not received)

33. Has your SB received financial support for IEEE Madras Section Student Project Funding? If yes pl. provide details of the project & amount of financial support received.

NIL

34. Have your SB members received any financial travel support for presenting papers in IEEE approved conf. in India / abroad? If yes pl. provide details.

NIL

35. Has your SB hosted any of the IEEE Madras Section Events such as Technical meeting / Contests / Hub Congress / Conference etc? If yes pl. provide details of the project & amount of financial support received.

NIL

PART C

Summary of Events (Type wise) conducted by your institution SB, Affinity Groups & Society Chapters during the year. (in the chronological order = latest first) If the space is inadequate, insert rows in the table and add the information on events. Pl. include the events conducted during the period (Jan 2016 – Nov 2016)

41. Conferences

Sl. No.	Event Date/s	Event Type National Conference/ Intl. Conference	Topic of the Event	Resource Persons
1.	24.02.2016	International Conference	Emerging Trends in Engineering	1. Dr. Kim Kyung-tae Professor Emeritus Hannam University South Korea. 2. Dr. N. Kumarappan, Vice Chairman IEEE-Madras Section Chennai. 3. Dr. D. Viswanathan Former Vice Chancellor Anna University Chennai 4. Dr. S. Raghavan National Institute of Technology Tiruchirappalli 5. Dr. S. R. Pandian Visiting Faculty Indian Institute of Information Technology, Design and Manufacturing Kancheepuram Chennai 6. Mr. R. V. Balasubramaniam Iyer Vice President, Reliance Industries Limited, Reliance Jio Infocomm Ltd, Mumbai.

42. Workshops / Seminars / FDPs

Sl. No.	Event Date/s	Event Type Workshop /Seminar/ FDP	Topic of the Event	Resource Persons
1.	29.03.2016	Workshop	Hands on Training on Calibration	Mr.J.Prasad S Calibration laboratory Coimbatore
2.	23.09.2016	Workshop	Inverter less Solar Power for Domestic Appliances	Dr.P.S.Kannan Visiting Faculty Kings College of Engineering Punalkulam

43. Technical Talks / Guest Lectures / DVP Talks

Sl. No.	Event Date/s	Event Type Technical Talk/ Guest lecture / DVP Talk/	Topic of the Event	Resource Persons
1.	15.07.2016	Guest Lecture	Electromagnetic Interference and Compatibility	Dr.P.S.Kannan Visiting Faculty Kings College of Engineering Punalkulam
2.	06.08.2016	Guest Lecture	How to do projects	Mr.E.Venugopal AP/EEE Sri Eshwar College of Engineering Coimbatore
		Technical talk	Microwave Essentials	Mr.R.Sathiyaraj AP/ECE Kings College of Engineering Punalkulam
3. ✓	25.08.2016	Guest Lecture	High Frequency Analysis of Transistors and FET Amplifiers	Dr.P.S.Kannan Visiting Faculty Kings College of Engineering Punalkulam

44. Other Events (such as Awareness Pgms / Competitions / Field Visits / Quizzes / Discussion Meetings etc)

Sl. No.	Event Date/s	Event Type Awareness Pgm/ Competitions/ Field Visit/ Quiz/ Discussion Meeting	Topic of the Event	Resource Persons
1.	02.04.2016	Competitions	Project Competitions	Dr.J.Arputha Vijaya Selvi Dean Kings College of Engineering Punalkulam Dr.S.Sivakumar HOD/EEE Kings College of Engineering Punalkulam
2. ✓	16.08.2016	Technical Awareness Program	Neural Networks and Education in Abroad	Ms.S.R.Revathy Gandhigram Rural Institute Dindugal
3.	17.09.2016	Competitions	Mini Project Expo	Dr.S.P.Balasubramaniyan Deputy Controller of patterns Chennai
4.	20.09.2016	Field Visit	Lanco Tanjore Power Generation Ltd.	NIL

45. Details of Extension activity conducted – such as Awareness on Energy Saving, Electricity safely etc. to the public; Helping the farmers to adopt the technology in the farming activities; Digital Literacy camp; Community service etc.

Sl. No.	Activity Date/s	Activity Awareness camp/ Community Service/ Offering help	Activity Details	Impact on such activity including no. of people benefited
1.	04.03.2016	Awareness program	Awareness program on Basic Electricity for Everyone and Electrical Safety	230 Students of St.Mary's High School Thirukanurpatti village, Thanjavur District.

PART D

51. Have you submitted reports of the above events for publishing in IEEE MAS LINK? If yes for How Many? Provide your feedback on their publishing in the MAS LINK.

Type of Event	Conducted (nos)	Reported to MAS LINK (nos)	Published in MASLINK (nos)	Remarks / Feedback on publishing in the MAS LINK
Conferences	1	1	1	NIL
Workshops/ Seminars/ FDPs	2	2	2	NIL
Technical Talks/ Guest Lectures/ DVP Talks	4	4	4	NIL
Other Events (such as Awareness Pgms/ Competitions/ Field Visits/ Quizzes/ Discussion Meetings etc)	5	5	5	NIL

52. Has your SB utilised the services of the IEEE Madras Section Office in publicizing the events organised?. If Yes provide details

Yes, As Listed above

53. Have any Execom Members of Madras Section or the Society Chairpersons of Madras Section visited your SB? If yes, pl. provide the details such as date, occasion.

Yes,

Dr.N.Kumarappan, Vice Chair of IEEE Madras Section visited on 24.02.2016 for International Conference as Keynote Speaker

54. Remarks and any additional information of relevance to the activities of SB such as Achievements by your members, Participation in Xtreme Contest, Awards received from IEEE R10, HQ etc., Funding received from IEEE OUs

Mr.B.Madhavan and Mr.N.Sanjeev participated in the 5 days IEEE SIGHT Camp held at Eraviputhenthurai, Thoothoor, Kanyakumari District from June 26th to 30th 2016

J. Manjula
31/12/2016

Dr. N. Sanjeev
31/12/2016

KINGS COLLEGE OF ENGINEERING
IEEE STUDENTS BRANCH STB 16621

Awareness Talk

An Awareness Talk on "Neural Networks & Education in Abroad" was delivered to IV year ECE on 16th August 2016. Mrs. S.R. Revathy, Research Scholar, Gandhigram Rural Institute, Gandhigram, delivered lecture. In her lecture, she briefed basic concepts of neural network. The session was more interactive and students got benefitted.



Reported by
Dr. J. Arputha Vijaya Selvi,
(IEEE STB Counselor)
Dean,
Kings College of Engineering,
Punalkulam, Pudukkottai
Member ID: 90234387
vijayas_02@yahoo.co.in

J. Arputha Selvi
12/9/2016.

Dr. J. Arputha Selvi
12/9/2016



INDEX

CRITERION: 3.2.2

INSTITUTION'S INNOVATION COUNCIL (IIC)

Academic year	Details of the event	Page No.
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	Workshop on "Entrepreneur and Innovation as career opportunity"	
	My Story-Motivational session by successful Entrepreneur	
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ACADEMIC YEAR 2020-21(ODD SEMESTER)

THREE DAYS ONLINE WEBINAR

On

"Motivational sessions and Workshop"

4.12.2020 to 07.12.2020

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized a three days webinar on **"Motivational sessions and workshop"** during 4.12.2020 - 7.12.2020.

Objective:

The main objective of this webinar is to provide ideas & the latest research and innovations by successful Entrepreneur and Innovators. It provides a platform for the Teaching Faculties and students to upgrade and know about the Innovation and Entrepreneur skills. In addition, this programme will help to improve the student's ability in carrying out simple innovation and Entrepreneurship to bring up professional discussions.

Resource persons:

04.12.2020: Session 1: **"Mystory-Motivational session by Successful Innovators"** by
Mr.S.Sachin, In-Gen Motor cycles

05.12.2020: Session 2: **Workshop on "Entrepreneurship and Innovation as Career Opportunity"** by
Mr.K.Amirtha Ganesh, Armada Industrial Automation

07.12.2020: Session 3: **"Mystory-Motivational session by Successful Entrepreneur"** by
Mr.M.Senthilkumar, Geomeo&Jio Vio Healthcare

President:

Dr.J.Arputha vijaya selvi,Principal,KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Member

Mr.R.Shankar, Assistant Professor / MECH

Quarter series-I

Programme Type: Motivational sessions and workshop

Promotion in social media: Facebook and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 10.50 A.M presided over by Dr.J.ArputhaVijaya Selvi, President,Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by Mr.R.Shankar AP/Mechanical and Introduction about IIC Quarter-I Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 125; Internal :45 Total :170

Session 1- "Mystory-Motivational session by successful Innovators" by Mr.S.Sachin, In-Gen Motorcycles

In the first day of IIC Quarter-I Series, resource person has started general Introduction about Electric Vehicles. During the session he has explained about all the basics of IC Engines, Motor classifications and applications. Then he has given complete overview of Vehicles principles, types and how to get patents. He also has given how to design vehicle and can be used in research applications. During the session, the participants have actively interacted with the resource person.

Session 2:Workshop on "Entrepreneurship and Innovation as career opportunity" by Mr.K.Amirtha Ganesh, Armada Industrial Automation

In the second day of IIC Quarter-I Series, session was started by 11.00 a.m. Introduction about the resource person was delivered by Mr.R.Balakrishnan, Convener, IIC. During the session, resource person has given an idea about how to start the Innovation and Entrepreneur. He has started from the basics of research and patents through his practical exposure. He has explained about Entrepreneur skills and ideas how to build a simple product through videos. Through demonstrated pictures of Defense field he has given idea about how to start the innovation and products. The entire session was interactive through snapshots pictures and live examples. The session was very informative and the participants have interacted with the resource person.

Session 3:" Mystory-Motivational session by Successful Entrepreneur" by Mr.M.Senthilkumar, Geomeo & Jio Vio Healthcare

In the Day-3, session has started by 6.00 p.m after the Resource person Introduction. During the session resource person has started from his career experience and given an idea about how to become an Entrepreneur through simple examples. Initially he has started with the story of his journey at a Product Management Company and how different types of products are designed. Finally he has mentioned that general Instructions and guidelines to solve real world problems to become an Entrepreneur. The session was very informative and the participants have interacted with the resource person.

Benefits Intermis of Learning/Skills/Knowledge obtained:

- All the participants have benefitted about Innovation start ups and Entrepreneur skill set.
- Programme helped to initiate how to be a successful Entrepreneur.
- Portrays the accelerated learning curve for students in involving innovation start ups and Product development.
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges, and keeps your neural pathways active.

Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Sundaramoorthi, Vice President, IIC delivered the vote of thanks.

Event Photographs



Event Photograph-1



Event Photograph-2



Event Photograph-3



Event Photograph-4

R. Sundaramoorthi
23/12/2020
Vice President-IIC & AP/EEE

J. Arputha Vilaya sothi
23/12/2020
President-IIC & Principal



ACADEMIC YEAR 2020-21(ODD SEMESTER)
THREE DAYS ONLINE WEBINAR
On
"WORKSHOP ON ENTREPRENEURSHIP"
22.1.2021 to 25.1.2021

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized a three days webinar on "**Workshop on Entrepreneurship**" during 22.1.2021 - 25.1.2021.

Objective:

The main objective of this webinar is to motivate a person for entrepreneurial career and to make him capable of perceiving and exploiting opportunities for enterprises and become a successful Entrepreneur. It provides a platform for the Teaching Faculties and students to upgrade and to know about the Entrepreneur skills. In addition, this programme will help to improve the student's ability in carrying out Entrepreneurship to bring up professional discussions.

Resource persons:

22.1.2021: Session 1: "Design Thinking, Critical thinking and Innovation Design" by
Mr.S.Mukeshwaran, HOD/Management studies, ARJCET, Mannargudi

23.1.2021: Session2: "Awareness talk on Entrepreneurship" by
Mr.E.Kishorekumar, Managing Partner, KAM Motors, LLP Thanjavur

25.1.2021: Session3: "Entrepreneurship Development Phases" by
Mr.M.Martin, Field Coordinator, IEDP-EDII, SASTRA University

President:

Dr.J.Arputha Vijaya Selvi, Principal, KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Member

Mr.R.Shankar, Assistant Professor / MECH

Quarter series-I

Programme Type: Workshop on Entrepreneurship

Promotion in social media: Face book and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 10.50 A.M presided over by Dr.J.ArputhaVijaya Selvi, President, Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by Mr.R.Balakrishnan AP/ECE and Introduction about IIC Quarter-II Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 105; Internal :40 Total :145

Session 1- "Design Thinking, Critical thinking and Innovation Design" by Mr.S.Mukeshwaran, HOD/Management studies, ARJCET, Mannargudi

In the first day of IIC Quarter-II Series, resource person started with general Introduction about design process of successful Innovators. During the session he explained about thinking capabilities and various design process. Then he has given complete overview of critical thinking abilities and how to develop simple design to get patents. He also briefed about how to design simple product and that can be used in research applications. During the session, the participants actively interacted with the resource person.

Session 2:"Awareness talk on Entrepreneurship" by Mr.E.Kishorekumar, Managing Partner, KAM Motors, LLP Thanjavur

In the second day of IIC Quarter-II Series, the session was started by 11.00 a.m. Introduction about the resource person was delivered by Mr.R.Balakrishnan, Convener, IIC. During the session, resource person has given a general idea about how to start the Entrepreneur and explained general information. He started from the basics of Entrepreneur skills through his practical exposure. The session enlightens the mindset of students regarding the field of entrepreneurship. He also shared some tips like how to manage resources wisely, become a self-promoter and the level playing field of technology and much more. The entire session was interactive through snapshots pictures and live examples. The session was very informative and the participants interacted with the resource person.

Session 3:"Entrepreneurship Development Phases" by Mr.M.Martin, Field Coordinator, IEDP- EDII, SASTRA University

In the third day of IIC Quarter-II Series, the session was started by 11.00 a.m after the Resource person Introduction. During the session resource person has started from his career experience and given an idea about how to become an Entrepreneur through simple examples. and explained about development phases. He talked about the various personality traits that are required to be an entrepreneur, quoting the examples of some inspiring and established entrepreneur. He also discussed the importance of 4 p's that are PLAN, PREPARE, PRACTICE and PROCESS. He also talked about the right connections needed in a business world and also how exit planning is also important.

Finally he has mentioned that general Instructions and guidelines to solve real world problems to become an Entrepreneur. The session was very informative and the participants have interacted with the resource person.

Benefits in terms of Learning/Skills/Knowledge obtained:

- To understand the historical background of entrepreneurship in Tamilnadu and India.
- Identification of opportunities in entrepreneurship
- All the participants have benefited about Innovation start ups and Entrepreneur skill set.
- Programme helped to initiate how to be a successful Entrepreneur.
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges.

Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Shankar AP/Mech, Member of IIC delivered the vote of thanks.

Event Photographs



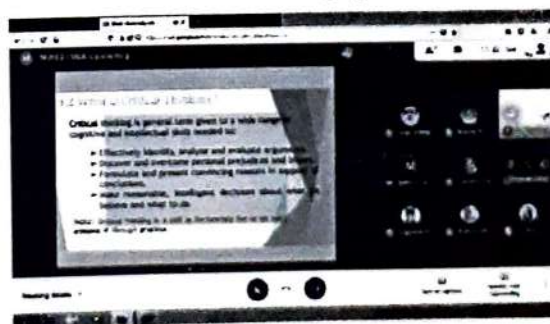
Event Photograph-1



Event Photograph-2



Event Photograph-3



Event Photograph-4

Prof. Anantharaman
30/01/2021
Vice President-IIC & AP/EEE

J. M. M. M. M.
30/1/2021
President-IIC & Principal

PRINCIPAL
Kings College of Engineering
Punalakulam- 613 303

ACADEMIC YEAR 2020-21(ODD SEMESTER)
ONLINE WEBINAR

On

**"WORKSHOP ON NATIONAL EDUCATION POLICY AND NATIONAL INNOVATION
AND STARTUP POLICY"**

27.1.2021

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized webinar on "Workshop on National Educational Policy and National Innovation and start up policy" on 27.1.2021.

Objective:

The main objective of this webinar is to provide awareness about National Educational Policy for Innovation and start up policy among the students. It provides a platform for the Teaching Faculties and students to know about the Policy rules and general Guidelines.

Resource persons:

Session 1: "Orientation Session on National Education Policy (with a focus on Innovation and Entrepreneurship)" by Dr.K.Sudhakar, Assistant Professor, T&P, Kings College of Engineering.

Session 2: "Orientation Session on National Innovation and Startup Policy (NISP) " by Mr.B.Suresh Babu , Assistant Professor, T&P, Kings College of Engineering

President:

Dr.J.Arputha Vijaya Selvi,Principal,KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Member

Mr.R.Shankar, Assistant Professor / MECH

Quarter series-I&II

Programme Type: workshop on National Educational policy

Promotion in social media: Facebook and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 10.50 A.M presided over by Dr.J.ArputhaVijaya Selvi, President, Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by Mr.R.Balakrishnan AP/ECE.

Participants:

External : 55; Internal :40 Total :95

Session 1: " Orientation Session on National Education Policy (with a focus on Innovation and Entrepreneurship)" by Dr.K.Sudhakar, Assistant Professor, T&P, Kings College of Engineering

In the first session of IIC Quarter-I Series, the resource person started general Introduction about National Educational Policy(NEP) is a comprehensive framework to guide the development of education in the country. NEP Which explains elementary education to higher education as well as vocational training in both rural and urban India. The policy aims to transform India's education system by 2021. During the session he explained about all the NEP Procedures. He also explained the NEP proposes sweeping changes including opening up of Indian higher education to foreign universities, dismantling of the UGC and the All India Council for Technical Education (AICTE), introduction of a four-year multidisciplinary undergraduate programme with multiple exit options, and discontinuation of the M Phil programme. During the session, the participants have actively interacted with the resource person.

Session 2: "Orientation Session on National Innovation and Startup Policy (NISP) "
by Mr.B.Suresh Babu , Assistant Professor, T&P, Kings College of Engineering

In the second day of IIC Quarter-II Series, session was started by 11.00 a.m. Introduction about the resource person was delivered by Mr.R.Balakrishnan, Convener, IIC. The resource person started general Introduction about National Innovation and start up policy. The National Innovation and Startup Policy 2019 for students and faculty of Higher Education Institutions (HEIs) is a guiding framework to enable the institutes to actively engage students, faculties and staff in innovation and entrepreneurship related work. The policy aims to transform India's education system by 2021. During the session he explained about all the NISP Procedures. During the session, the participants have actively interacted with the resource person.

Benefits interms of Learning/Skills/Knowledge obtained:

- All the participants have benefited about National Educational Policy for start up and Innovation .
- Programme helped to know about general Instructuions about National Educational Policy.

Feedback session:

The feedbacks from the participants were collected. Mr.R.Shankar AP/Mech, Vice President, IIC delivered the vote of thanks.

Event Photographs

Event Photograph-1

Event Photograph-2

Event Photograph-3

Event Photograph-4

S. Shankar
30/01/2021
Vice President-IIC & AP/EEE

J. Arputha Vijaya Selvi
30/1/2021
President-IIC & Principal

PRINCIPAL
Kings College of Engineering
Punalikulam- 613 303.



ACADEMIC YEAR 2020-21(EVEN SEMESTER)
WEBINAR

On
"Business Model Canvas"
28.5.2021

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized webinar on "Business Model Canvas" on 28.5.2021

Objective:

The main objective of this webinar is to provide ideas of business model canvas & the latest research and innovations by successful Entrepreneur and Innovators. It provides a platform for the Teaching Faculties and students to upgrade and know about the business and Process. In addition, this programme will help to improve the student's ability in carrying out how to start the business and Entrepreneur to bring up professional discussions.

Resource persons:

28.05.2021: "Business Model Canvas" by
Mr. Aditya Nath Mishra Founder & Director (Optasia Foundation)

President:

Dr.J.Arputha vijaya selvi, Principal, KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Members

Mr.R.Shankar, Assistant Professor / MECH

Dr.K.Sudhakar, Assistant Professor / T&P

Mr.J.Niranjana J. Niranjana Samuel, JRF/R&D.

Quarter series-III

Programme Type: Webinar on Business Model canvas

Promotion in social media: Facebook and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 05.50 P.M presided over by Dr.J.ArputhaVijaya Selvi, President,Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by G.Latchayasri, IIC Student Member and Introduction about IIC Quarter-II and Quarter-III Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 125; Internal :45 Total :170

Session 1- "Business Model Canvas" by

Mr. Aditya Nath Mishra Founder & Director (Optasia Foundation)

The session was started by 6.00 p.m . Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. Resource person started general Introduction about his carrier and development. During the session, he has explained about his own company Optasia Foundation process and functions. In his lecture, he explained what is business Modal Canvas? and other functions of business. He mentioned that how different businesses successfully run by different managing partner. He also described business plan and different models such as value propagation, customer relationship, customer segment and channel. Then he has given complete overview of each and every segments of business model process with lots of examples. Particularly, he pointed out Ola and face book. He also has given how to design model for business and can be used in innovation. In addition, he delivered the complete details of value reposition which involves Innovation, service ,boosting sales, customer acquisition, customer retention and organization. During the session, the participants have actively interacted with the resource person.

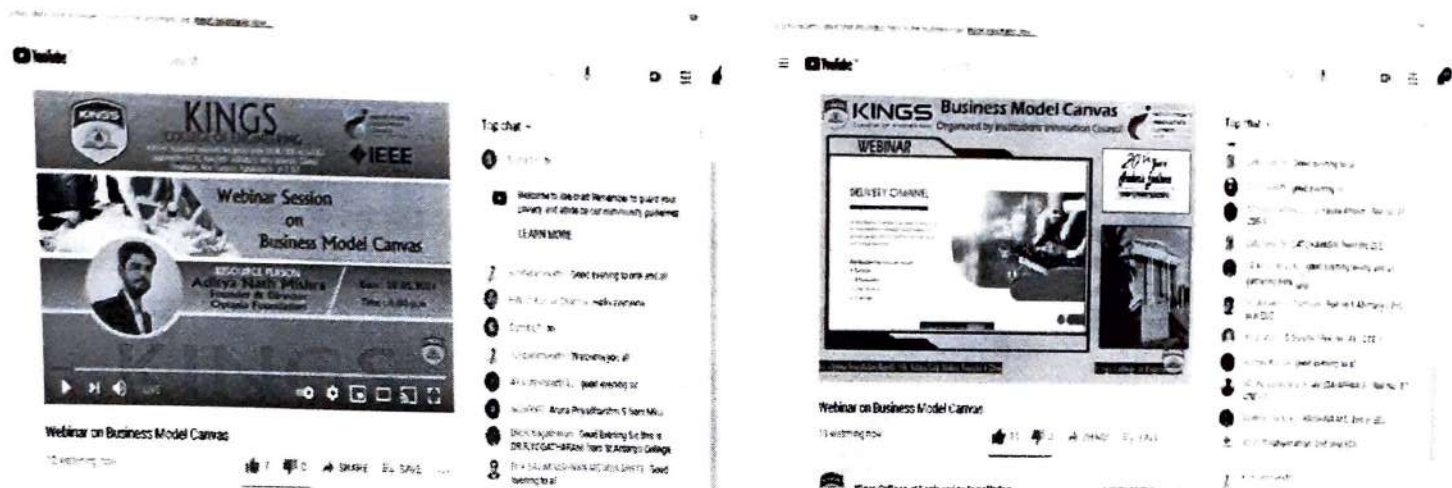
Benefits Intermis of Learning/Skills/Knowledge obtained:

- All the participants have benefitted about Business model idea and Process of Business.
- Webinar helped to initiate different modules of Business.
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges, and keeps your neural pathways active.

Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Sundaramoorthi, Vice President, IIC delivered the vote of thanks.

Event Photographs



Event Photograph-1



Event Photograph-3

P. Ramasundaram
2/08/2021
Vice President-IIC& AP/EEE

J. Manjula
3/8/2021
President-IIC&Principal



ACADEMIC YEAR 2020-21(EVEN SEMESTER)
WEBINAR

On
"ORIENTATION SESSION ON IPR"
29.5.2021

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized webinar on "Orientation session on IPR" on 29.5.2021

Objective:

The main objective of this webinar is to provide ideas of Intellectual Property Rights. It provides a platform for the Teaching Faculties and students to upgrade and know about the IPR and Procedures of Copyrights and Trade mark. In addition, this programme will help to improve the student's ability in carrying out simple innovation and how to convert to Patent.

Resource persons:

29.05.2021: Orientation session for all students and faculties of Institute by Innovation Ambassadors " by Mr.K.Suresh Babu AP/Management, Kings College of Engineering

President:

Dr.J.Arputha vijaya selvi,Principal,KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Members

Mr.R.Shankar, Assistant Professor / MECH

Dr.K.Sudhakar, Assistant Professor / T&P

Mr.J.Niranjan J. Niranjan Samuel, JRF/R&D.

Quarter series-III

Programme Type: Orientation session

Promotion in social media: Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 05.50 P.M presided over by Dr.J.ArputhaVijaya Selvi, President,Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by G.Latchayasri, IIC Student Member and Introduction about IIC Quarter-II and Quarter-III Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 111; Internal :45 Total :156

Orientation session for all students and faculties of Institute by Innovation Ambassadors " by Mr.K.Suresh Babu AP/Management, Kings College of Engineering

The session was started by 6.00 p.m. Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. In the initial part of his lecture, he has mentioned that IP Introduction and what he gathered information at Innovation Ambassador training at Chennai. During the session, he categorized as different section such as categories of Intellectual property, Important of IPRs, Kinds of IPRs, Patent, Copyright, Trade mark and Geographical Indicators. He has given broad idea related to Intellectual property and functions such as Problem identification, Ideation, novelty and IP. He has given clear explanation about important of IPRs and patents. He also explained criteria of patentability such as home appliances related to novelty, Inventive steps and utility. The session was very informative and the participants have interacted with the resource person.

Benefits Intermis of Learning/Skills/Knowledge obtained:

- All the participants have benefitted about IPR and copy rights.
- Webinar helped to initiate how to get Patent rights and developing Product.
- Portrays the accelerated learning curve for students in involving Intellectual Property Rights and Product development
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges, and keeps your neural pathways active.

Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Sundaramoorthi, Vice President, IIC delivered the vote of thanks.

Event Photographs



Event Photograph-1



Event Photograph-2

Pranav Kumar
31/8/2021
Vice President-IIC & AP/EEE

J. Manjunath
03/8/2021
President-IIC & Principal

ACADEMIC YEAR 2020-21(EVEN SEMESTER)

WEBINAR

On

"Workshop on Prototype/Process Design and Development-Prototyping "
31.5.2021

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized webinar on **"Workshop on Prototype/Process Design and Development-Prototyping "** on 31.5.2021

Objective:

The main objective of this webinar is to provide ideas of Prototype and Process Design and innovations projects by Research fellow. It provides a platform for the Teaching Faculties and students to upgrade and know about the Innovation and product development. In addition, this programme will help to improve the student's ability in carrying out simple innovation and to bring to product through professional discussions.

Resource persons:

31.05.2021: **"Workshop on Prototype/Process Design and Development-Prototyping "** by
Dr.P.Narasimman AP/EEE, Kings College of Engineering

President:

Dr.J.Arputha vijaya selvi,Principal,KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Members

Mr.R.Shankar, Assistant Professor / MECH

Dr.K.Sudhakar, Assistant Professor / T&P

Mr.J.Niranjana J. Niranjana Samuel, JRF/R&D.

Quarter series-III

Programme Type: workshop

Promotion in social media: Facebook and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 05.50 P.M presided over by Dr.J.ArputhaVijaya Selvi, President,Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by G.Latchayasri, IIC Student Member and Introduction about IIC Quarter-II and Quarter-III Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 140; Internal :45 Total :185

"Workshop on Prototype/Process Design and Development-Prototyping" by Dr.P.Narasimman AP/EEE, Kings College of Engineering

The session was started by 6.00 p.m. Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. During the session resource person has started from his research experience and different tools are used in Prototype design and process design in order to develop the prototype. He has broadly given the agenda such as Introduction about prototype; free software's available to develop a prototype, basic circuit designing, Tinker CAD software and applications etc. He clearly explained from basics of prototype through some practical examples such as LED TV and Refrigerator. In addition with, other practical examples were also given such as agriculture field and real world problem COVID-19 .He has given plenty of problems and solutions in order to get product through flowchart. Finally he has mentioned that general Instructions and guidelines to solve real world problems to convert prototype to product. The session was very informative and the participants have interacted with the resource person.

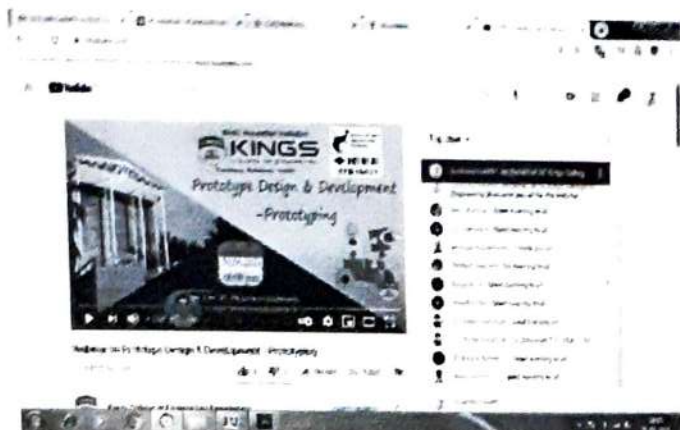
Benefits Intermis of Learning/Skills/Knowledge obtained:

- All the participants have benefitted about product design.
- Webinar helped to initiate how to get developing Product.
- Portrays the accelerated learning curve for students in involving Product development
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges, and keeps your neural pathways active.

Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Sundaramoorthi, Vice President, IIC delivered the vote of thanks.

Event Photographs



Event Photograph-1



Event Photograph-2



Event Photograph-3



Event Photograph-4

Infantino
2/8/2021
Vice President-IIC& AP/EEE

J. ...
3/8/2021
President-IIC&Principal

ACADEMIC YEAR 2020-21(EVEN SEMESTER) WEBINAR

On

**"BUILDING AN INNOVATION/ PRODUCT FIT FOR MARKET, ANGEL
INVESTMENT/VC FUNDING OPPORTUNITY FOR EARLY STAGE ENTREPRENEURS"
&
ORIENTATION SESSION**

4.6.2021-7.6.2021

REPORT

Institution's Innovation Council (IIC) of Kings College of Engineering organized webinar on "Building an Innovation/Product fit for Market, "Angel Investment/VC Funding opportunity for Early stage Entrepreneurs" and "Orientation session on Innovation "from 4.6.2021 to 7.6.2021.

Objective:

The main objective of this webinar is to provide ideas of building an Innovation/Product fit for Market ,Idea of Angel Investment/VC Funding opportunity for Early stage Entrepreneurs and Idea of Innovation. It provides a platform for the Teaching Faculties and students to upgrade and know about the Innovation and Entrepreneur skills. In addition, this programme will help to improve the student's ability in carrying out how to build Product through simple innovation and Entrepreneurship to bring up professional discussions.

Resource persons:

- 04.06.2021: Session 1: "Building an Innovation/Product fit for Market" by
RK.Mishra, Director of Destarity Entertainment Pvt Ltd
Bhubaneshwar, Orissa, India
- 05.06.2021: Session 2: Session on "Angel Investment/VC Funding Opportunity for Early
Stage Entrepreneurs "by
Prof.B.Srisundar, Assistant Professor in Management studies,
Annai college of Arts&Science, Kovilacheri, Kumbakonam
- 07.06.2021: Session 3: Orientation session for all students and faculties of Institute by
Innovation Ambassadors " by
Mr.T.Pasupathi, AP/ECE, Kings College of Engineering

President:

Dr.J.Arputha vijaya selvi,Principal,KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Members

Mr.R.Shankar, Assistant Professor / MECH

Dr.K.Sudhakar, Assistant Professor / T&P

Mr.J.Niranjan J. Niranjan Samuel, JRF/R&D.

Quarter series-III

Programme Type: Webinar and Orientation session

Promotion in social media: Facebook and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 05.50 P.M presided over by Dr.J.ArputhaVijaya Selvi, President,Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by G.Latchayasri IIC Student Member and Introduction about IIC Quarter-II and Quarter-III Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 125; Internal :45 Total :170

Session 1- "Building an Innovation/Product fit for Market" by
RK.Mishra,Director of Destarity EntertainmentPvt Ltd
Bhubaneshwar, Orissa, India

The session was started by 6.00 p.m. Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. During the session, resource person raised to fundamental questions such as what is product? What is Innovation? How to fit for market? .He has broadly explained different products and market value procedures. He also discussed innovation concepts and how to convert Innovation ideas to product. He has given broad idea related to product fit for market and functions. He also explained current trend in Innovation through his experience.The session was very informative and the participants have interacted with the resource person.

Session 2: Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs "by Prof.B.Srisundar, Assistant Professor in Management studies, Annai college of Arts&Science, Kovilacheri, Kumbakonam

The session was started by 6.00 p.m. Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. In the initial part of his lecture, he has mentioned that general Introduction about Entrepreneurs role and development. During the session, he explained about Angel Investment and VC funding opportunity for Entrepreneur. He has given broad idea related to different types of Angel Investment such as types of business, partnership, types of Investing like Incubators and Accelerators, Venture capital and private equity. He also explained how to become an Entrepreneur and roles. The session was very informative and the participants have interacted with the resource person. The session was very informative and the participants have interacted with the resource person.

Session 3: "Orientation session for all students and faculties of Institute by Innovation Ambassadors" by Mr.T.Pasupathi, AP/ECE, Kings College of Engineering

The session was started by 6.00 p.m. Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. In the initial part of his lecture, he has mentioned that simple introduction about Innovation basics also shared information gathered at Innovation Ambassador training at Chennai. During the session, he broadly explained difference between Innovation and Invention. He also described Innovation types and different Innovators and top 10 greatest innovators of all time. He has given broad idea related to Innovation and how to convert to product in to Patents. He has exposed pictures related to various Innovations types and awarded persons. The session was very informative and the participants have interacted with the resource person.

Benefits Intermis of Learning/Skills/Knowledge obtained:

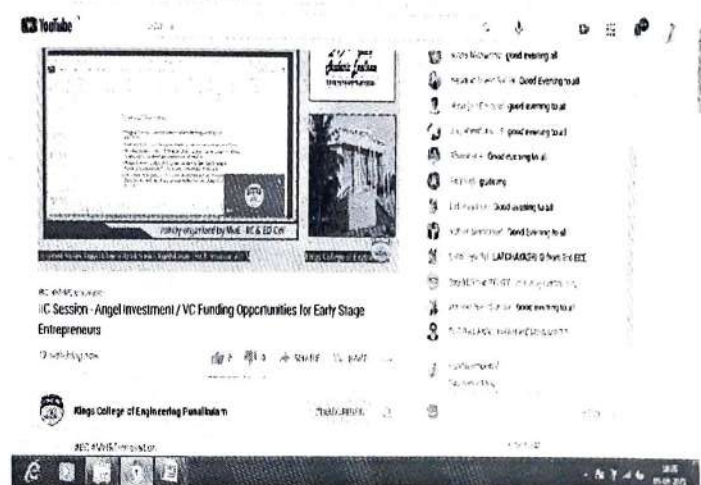
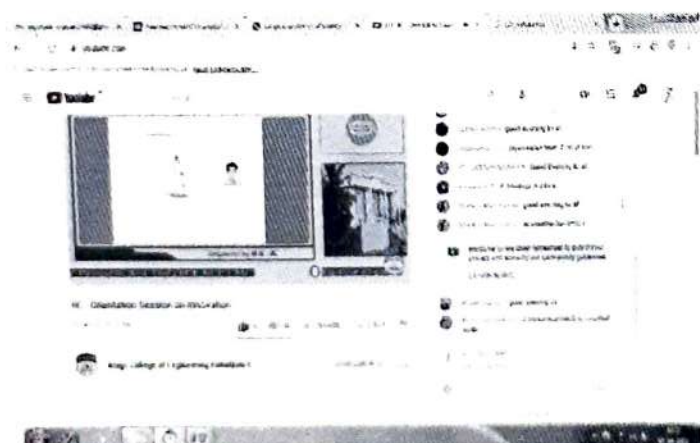
- All the participants have benefitted about Angel Investment Innovation and Entrepreneur skill set through Angel Investment concepts.
- Programme helped to initiate how to be a successful Entrepreneur.
- Portrays the accelerated learning curve for students in involving innovation and Product development through practical examples
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges, and keeps your neural pathways active.

Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Sundaramoorthi, Vice President, IIC delivered the vote of thanks.

Event Photographs

Source: www.kingscollege.edu.in/eng/academic/online/online-programmes/



B. Srisundar
T8 To 09/2021
Vice President-IIC & AP/EEE

J. Narayanan
10/01/2021
President-IIC & Principal

NAME OF THE EVENT : SMART INDIA INTERNAL HACKATHON - 2020

NAME OF THE DEPT : INSTITUTION INNOVATION COUNCIL(IIC)

NUMBER OF BENEFICIARIES : 22 Teams-(132 Members)

NAME OF THE RESOURCE PERSONS :1.Dr.J.Arputha Vijaya Selvi, Principal
2.Dr.S.Sivakumar,Vice Principal

NAME OF THE JURY MEMBERS : 1.Ms.R.Revathi, AP/CIVIL
2.Dr.S.M.Uma, Asso. Prof /CSE
3.Mr.P.Rajapirian,AP/ECE
4.Mr.J.Arokiaraj, AP/EEE
5.Dr.P.P.Santharaman, Asso. Prof /MECH

DATE : 13.1.2020

PHOTOS:



Fig 1:Participants presenting the Ideas



Fig 2:Participants presenting the Ideas



Fig 3:Resource persons& Jury members interacting with presenters



Fig 4 CISCO Devnet Logo Contest Publicity

Dr. S. Sivakumar
IIC-Vice President 13/01/2020

Dr. J. Arputha Vijaya Selvi
IIC- President