





6.3.3

FACULTY ENRICHMENT PROGRAMME DETAILS





FACULTY ENRICHMENT PROGRAMME DETAILS

S.No	Date	Activity	Title			
	Academic Year 2020 - 2021					
1.	21.5.2021	Workshop	IoT & its Application			
2.	24.3.2021	Internal seminar	Handwritten Digit recognition using Machine Learning Techniques			
3.	3.3.2021	Internal seminar	An Introduction to Animation software			
4.	17.2.2021	Internal seminar	Developing an Animation Application using SCRATCH			
5.	29.1.2021	Internal seminar	Demystifying Block Chain Hype			
6.	11.1.2021	Internal seminar	Web Page Development in various platforms			
7.	31.12.2020	Internal seminar	MIT App Inventor			
8.	8.12.2020	Internal seminar	Bloom's Taxonomy			
9.	25.7.2020	International	Research Challenges, issues and Counter measures in IoT Security			
10.	26.7.2020	Webinar Series	IoT and Its Security			
11.	27.7.2020		Introduction to Machine learning			
12.	20.07.2020 - 24.07.2020	FDP	Design Thinking			
13.	29.6.2020 & 30.6.2020	Webinar cum Workshop	Machine Learning Techniques			
14.	26.6.2020	Webinar	Inspiring at workplace: sure-shot approach to success			
15.	6.6.2020	Webinar	Emerging Technology Trends in Life-Sciences Industry			
		Academic Y	ear 2019 - 2020			
16.	22.5.2020		Tools for research and how to write a research paper			
17.	23.5.2020	Webinar Series	Online teaching learning tools			
18.	24.5.2020		Effective communication			
19.	29.4.2020	FDP	Spoken Tutorial on Latex			
	·	•	ear 2018 - 2019			
20.	22.02.19 & 23.02.19	FDP	Robotics and Automation			
21.	5.10.2018	Workshop	IOT using Arduino and Raspberry Pi			
		•	ear 2017 - 2018			
22.	11.12.2017 - 17.12.2017	Anna University Sponsored Seven Days FDTP	CS6660 – Compiler Design			
	1	Academic Y	/ear 2016 - 2017			
23.	27.12.2016	National Conference	National Conference on Innovations in Computing and Information Technology - NCICIT'16			

ACADEMIC YEAR 2020 - 2021



ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER

Online Workshop on "IoT & its Application" on 21.05.2021

Department of Computer Science & Engineering and students branch of IEEE jointly organized an online workshop on "IoT & its Application" on 21.05.2021

OBJECTIVE

The objective of the workshop is to enhance the technical skills of faculties and students and get them aligned with the current requirements of IT industry.

RESOURCE PERSON DETAILS

Dr.K.Santhi, M.E., Ph.D.,

Associate Professor / Dept of CSE,

Srinivasa Institute of Technology and Management Studies,

Chittoor, Andra Pradesh

SESSION DETAILS

Dr.K.Santhi Asso.Prof/CSE handled the session in the topic of "IoT & its Applications". She explained the basic concepts of IoT and also listed down the types of sensors used in IoT projects. She demonstrated IoT projects such as Traffic Light Simulation, Glowing a bulb using timer. She used the website namely Tinkercad.com which is freeware for IoT Projects. Tinkercad.com provides a platform to develop or simulate IoT projects.

Totally 61 participants registered and actively participated in this online workshop. The session was broadcasted live in our college Youtube channel. The event was co-ordinated by Ms.S.Puvaneswari AP/CSE under the guidance of our Head of the Department Dr.S.M.Uma & by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management.

ANNEXURE - I

POSTER



ANNEXURE - II

Internal Participant Details

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	K.Rajesh	CSE
5.	S.Rajarajan	CSE
6.	Dr.D.Sivakumar	CSE
7.	R.Suganthalakshmi	CSE
8.	R.Sriramkumar	CSE
9.	M.Arun	CSE
10.	G.Chandrapraba	CSE

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has active	y participated in the On	line Workshop on TOT are	s as Applications" organite	ai an
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		project in this domain		
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ACADEMIC YEAR 2020-21 (EVEN SEM)

CIRCULAR

17.3.2021

Staff members are requested to attend the staff seminar.

Resource Person: Mr.S.Rajarajan AP/CSE

Venue: CSE Lab - II

Timing: 1.00 pm - 1.30 pm

Date:24.3.21

S. Pur 113/21 Staff Seminar Incharge (Ms.S.Puvaneswari AP /CSE)

13/4 HOD/CSE



ACADEMIC YEAR 2020 - 2021 EVEN SEMESTER

INTERNAL STAFF SEMINAR REPORT

Department of Computer Science & Engineering and students branch of IEEE jointly organized an 6th internal staff seminar on 24.03.2021 at CSE Lab – II.

OBJECTIVE

The objective of the seminar is to enhance the technical skills of faculties and get them aligned with the current requirements of IT industry.

SESSION DETAILS

Mr.S.Rajarajan AP/CSE handled the session in the topic of "Handwritten Digit recognition using Machine Learning Techniques". He explained the basic concepts of Machine Learning Techniques and also listed down the types of algorithms available. Machine Learning algorithms implemented in Jupyter Notebook environment. Jupyter Notebook provides an easy-to-use, interactive data science environment across many programming languages that doesn't only work as an IDE, but also as a presentation or education tool. He demonstrated how to create python program in Jupyter Notebook program using pandas which is a fast, powerful, flexible and easy to use open source data analysis and manipulation tool, built on top of the Python programming language. He explained each and every instruction of a program and its functionalities. He had given the handwritten digit image as input. He used the logistic regression technique to recognize the handwritten digit. 80% of input can be used as training data and remaining 20% can be used as test data. Accuracy of recognition was calculated. He also cleared doubts during the session.

OUTCOME OF THE EVENT

- Understand about machine learning algorithms
- Acquired skills to develop python program and its execution process in Jupyter Notebook
- Understand the functionalities of each command in pandas
- Assist the students to develop project in this domain
- Acquired Jupyter notebook based project implementation skills



Internal seminar session snapshot

St . Kin Co-ordinator (Ms.S.Puvaneswari AP / CSE)

HOD/CSE 25/8/4

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

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: Handwritten Digit recognition using Machine Learning Techniques

DATE: 24.3.21

S.NO	STAFF NAME
1.	Dr.S.M.Uma
2.	K.Abhirami
3.	S.Puvaneswari
4.	S.Rajarajan
5.	Dr.D.Sivakumar
6.	R.Suganthalakshmi
7.	R.Sriramkumar
8.	M.Arun
9.	G.Chandrapraba

24/3/21 S-Tw INTERNAL STAFF SEMINAR COORDINATOR

HOD/CSE²⁴/2)21



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2020-21 (EVEN SEM)

CIRCULAR

24.2.2021

Staff members are requested to attend the staff seminar.

Resource Person: Mr.R.Sriramkumar AP/CSE

Date:3.3.21

Venue: CSE Lab - I

Timing: 1.00 pm - 1.30 pm

-S. Pur 24/2/21

Staff Seminar Incharge (Ms.S.Puvaneswari AP /CSE)

HOD/CSE HOD/CSE



ACADEMIC YEAR 2020 - 2021 EVEN SEMESTER

INTERNAL STAFF SEMINAR REPORT

Department of Computer Science & Engineering and students branch of IEEE jointly organized an internal staff seminar on 03.03.2021 at CSE Lab – I.

OBJECTIVE

The objective of the seminar is to enhance the technical skills of a staff and aligned the capability with current requirements of IT industry.

SESSION DETAILS

Mr.R.Sriramkumar AP/CSE handled the session in the topic of "An Introduction to Animation software". He explained the features of FLASH software and its current version. He developed a small animation that transformed the shape from one form to another. He used buttons and coding for button was written and taught. Animation was done based on functions of a button. He had given the idea of creating an animation using FLASH software.

OUTCOME OF THE EVENT

- Understand the features of FLASH software
- Know the functionalities of FLASH key components
- Develop animation application
- Assist the students to develop animation project



Mr.R.Sriramkumar demonstrated the transformation of an object

& . Rw 8|3/202) Co-ordinator (Ms.S.Puvaneswari AP / CSE)

HOD/CSE¹³201

3/2024 2.00 چ و Principal



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

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: An Introduction to Animation software

DATE: 3.3.21

S.NO	STAFF NAME
1.	Dr.S.M.Uma
2.	K.Abhirami
3.	S.Puvaneswari
4.	K.Rajesh
5.	S.Rajarajan
6.	Dr.D.Sivakumar
7.	R.Suganthalakshmi
8.	R.Sriramkumar
9.	M.Arun
10.	G.Chandrapraba
11.	J.Chandrapriya

S. Ru 33/21 INTERNAL STAFF SEMINAR COORDINATOR

h HOD/CSE







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2020-21 (EVEN SEM)

CIRCULAR

10.02.2021

Staff members are requested to attend the staff seminar.

Resource Person: Ms.R.Suganthalakshmi AP/CSE

Date: 17.02.2021

Venue: CSE Lab - II

Timing: 1.15 pm – 1.45 pm

S. Pur 10/2/21 Staff Seminar Incharge (Ms.S.Puvaneswari AP /CSE)

HODICS



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER SEMINAR REPORT

(Jointly Organized by Dept.CSE & IEEE Students Branch STB 16621)

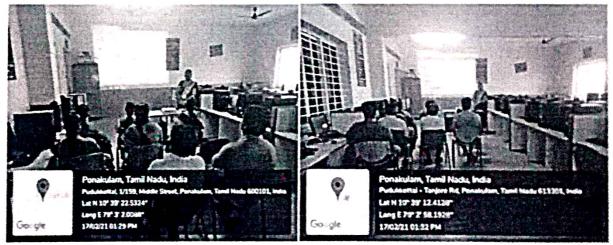
Department of Computer Science & Engineering had organized internal staff seminar on "Developing an Animation application using SCRATCH" on 17.02.2021 at 1.15pm. The session was handled by Ms.R.Suganthalakshmi AP/CSE. The purpose of the seminar was to equip the knowledge of the faculty members. All faculty members were present in the seminar.

Content Coverage

- Basic requirements of SCRATCH Software
- Steps to be taken to create an Animation application
- Implementation & Execution of the application

Outcome

- Know the basic concepts of SCRATCH software
- Understand the steps to create an application
- Know the usage of controls
- Encourage the students to do more application using this software
- Assist the students to do their mini project in this domain

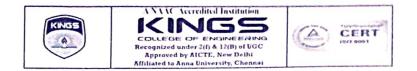


Ms.R.Sugantha Lakshmi AP / CSE explained the building blocks of SCRATCH software

Co-ordinator

HOD/CSE 1874-1

(Ms.S.Puvaneswari AP / CSE)



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

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: Developing an Animation Application using SCRATCH

DATE: 17.2.21

S.NO	STAFF NAME
1.	Dr.S.M.Uma
2.	K.Abhirami
3.	S.Puvaneswari
4.	S.Rajarajan
5.	Dr.D.Sivakumar
6.	R.Suganthalakshmi
7.	R.Sriramkumar
8.	M.Arun
9.	G.Chandrapraba
10.	J.Chandrapriya

S. Ru 17/2/21 **INTERNAL STAFF SEMINAR COORDINATOR**

HOD/CSE 72/2





ACADEMIC YEAR 2020-21 (EVEN SEM)

CIRCULAR

22.1.2021

Staff members are requested to attend the staff seminar.

Resource Person: Ms.J.Chandrapriya AP/CSE

Date: 29.01.2021

Venue: CSE Lab - II

Timing: 3.00 pm - 3.30 pm

Staff Seminar Incharge (Ms.S.Puvaneswari AP /CSE)

HOD/CSE





ACADEMIC YEAR 2020 - 2021 EVEN SEMESTER

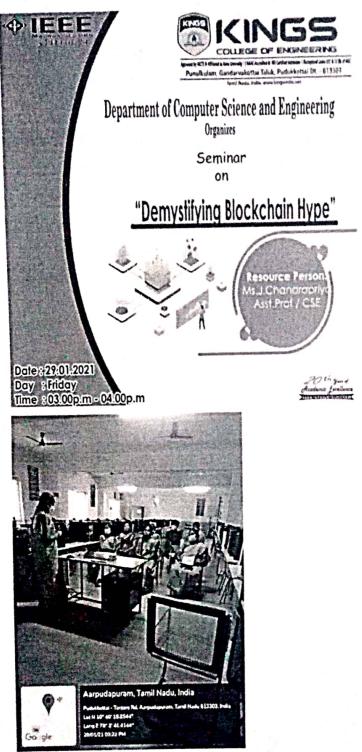
SEMINAR REPORT

(Jointly Organized by Dept.CSE & IEEE Students Branch STB 16621)

1.	Type of the Event	:	Internal Staff Seminar
2.	Topic	:	"Demystifying Block Chain Hype"
3.	Objective	:	Provided an overview of Blockchain Technology & its
			Application
4.	Date	:	29.01.2021
5.	Resource Person	:	Ms.J.Chandrpriya., AP /CSE

- 6. Outcome
 - Know the basic concepts of Blockchain Technology
 - Understand the working mechanism of Blockchain Technology
 - Know the applications of Blockchain Technology
 - May attend the FDP, Workshop based on this technology
 - Assist the students to do their project in this domain

Poster



Ms.J.Chandrapriya AP / CSE explained the concepts of Blockchain Technology

S. Rw 30/1/21 Co-ordinator (Ms.S.Puvaneswari AP / CSE)

HOD/CSE 3011 24



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

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: Demystifying Block Chain Hype

DATE: 29.1.21

S.NO	STAFF NAME
1.	Dr.S.M.Uma
2.	K.Abhirami
3.	S.Puvaneswari
4.	S.Rajarajan
5.	Dr.D.Sivakumar
6.	R.Suganthalakshmi
7.	R.Sriramkumar
8.	M.Arun
9.	G.Chandrapraba
10.	J.Chandrapriya

X-Ru 2a/1/21 INTERNAL STAFF SEMINAR COORDINATOR

f Jappy HOD/CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2020-21 (EVEN SEM)

CIRCULAR

9.01.2021

Staff members are requested to attend the staff seminar.

Resource Person: Mr.M.Arun AP/CSE

Venue: CSE Lab - II

Timing: 3.00 pm - 4.00 pm

Date: 11.01.2021

Staff Seminar Incharge (Ms.S.Puvaneswari AP /CSE)

HOD/CSE 1)21







DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER INTERNAL STAFF SEMINAR REPORT

1. Type of the Event	:	Internal Staff Seminar
2. Topic	:	"Web Page Development in various platforms"
3. Objective	:	Provided an overview of current version of Software used for Web Development and know about Wordpress.com website functionalities
4. Date	:	11.01.2021
5. Resource Person	:	Mr.M.Arun., AP /CSE

6. Outcome

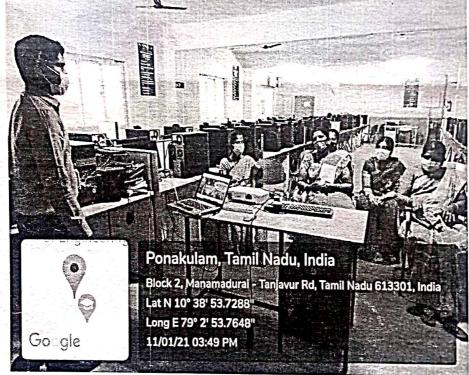
- Know the various types of language used for webpage development
- Compare the usage of various software
- Know the functionalities of wordpress.com
- Assist the students to design a webpage for small scale vendors
- Got an idea to initiate student startup for website development



Mr.M.Arun AP / CSE started his session



winnanden im 7 esti explained the various software used for web development



Mr.M.Arun AP / CSE discussed the functionalities of Wordpress.com

S. Pur 12/0 Co-ordinator 12/01/2021

HOD/CSE12/1 VOV

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Principal

(Ms.S.Puvaneswari AP / CSE)



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

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: Web Page Development in various platforms

DATE: 11.1.21

S.NO	STAFF NAME
1.	Dr.S.M.Uma
2.	K.Abhirami
3.	S.Puvaneswari
4.	S.Rajarajan
5.	Dr.D.Sivakumar
6.	R.Suganthalakshmi
7.	R.Sriramkumar
8.	M.Arun
9.	G.Chandrapraba
10.	J.Chandrapriya

B-Pu 1/1/21 INTERNAL STAFF SEMINAR COORDINATOR

HOD/CSE 1121



ACADEMIC YEAR 2020-21 (EVEN SEM)

CIRCULAR

30.12.2020

Staff members are requested to attend the staff seminar.

Resource Person: Ms.G.Chandrapraba AP/CSE

Venue: CSE Lab – I

Timing: 3.00 pm – 4.00 pm

Date: 31.12.2020

للمالي المعالي (Ms.S.Puvaneswari AP /CSE)

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ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER

INTERNAL STAFF SEMINAR REPORT

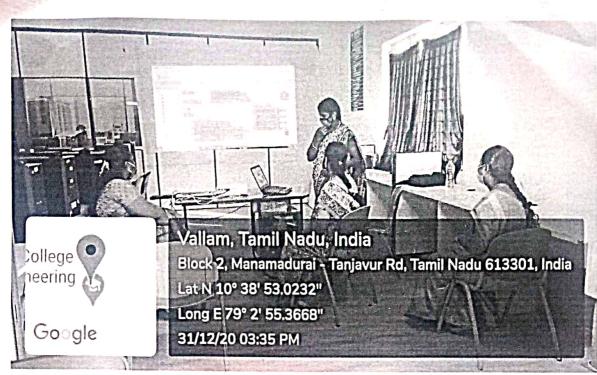
7. Type of the Event	:	Internal Staff Seminar
8. Topic	:	"MIT AppInventor"
9. Objective	:	Provided an overview of MIT AppInventor Software demonstrated three applications and described the
		impact of software in current scenario.
10. Date	:	31.12.2020
11. Resource Person	:	Ms.G.Chandra praba, AP /CSE

12. Outcome

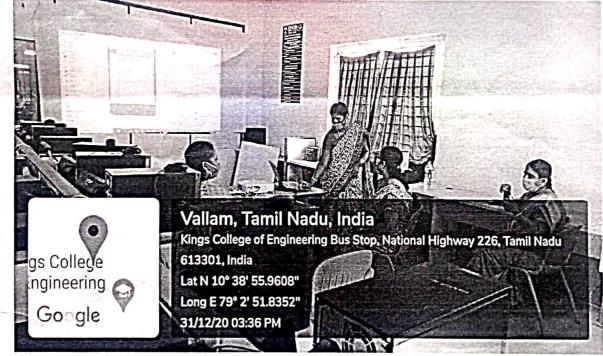
- Understand the concepts of MIT AppInventor
- Got an idea to create a mobile application using MIT AppInventor Software
- Assist the students to develop a project / Mini project based on Mobile application
- Able to implement the solution in mobile environment
- Able to study the working principles of various sensors



Ms.G.Chandrapraba AP / CSE started her session



Ms.G.Chandrapraba AP / CSE explained the coding part of an application



Ms.G.Chandrapraba AP / CSE executed the application

ری، اس ۲۵۷ Co-ordinator (Ms.S.Puvaneswari AP / CSE)

HOD/CSE 02/01/202/

J. mut 2021 Principal



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

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: MIT App Inventor

DATE: 31.12.2020

STAFF NAME
Dr.S.M.Uma
K.Abhirami
S.Puvaneswari
S.Rajarajan
Dr.D.Sivakumar
R.Suganthalakshmi
R.Sriramkumar
M.Arun
G.Chandrapraba

-131/12/20 S. Pw INTERNAL STAFF SEMINAR COORDINATOR

n/20 HOD/CSE



03.12.20

DEPARTMENT CIRCULAR

Internal staff seminar on "Bloom's Taxonomy" is organized on 08.12.20 between 12.00 noon to 01.00 pm at our department of computer science and engineering. Session will elaborate on the BT framework and importance of planning by faculty right from curriculum implementation. All CSE department staff members are asked to attend the session.

Venue : CSE Computer Centre-II

IQAC Member

12/20 HOD/CSE



ACADEMIC YEAR 2020-21 (ODD SEMESTER)

09.12.20

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL SEMINAR ON "BLOOM'S TAXONOMY"- REPORT

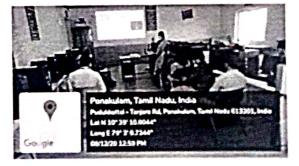
Internal Staff seminar on "Bloom's Taxonomy" was organized on 08.12.20 between 12.00 noon to 1.00pm. Ms.K.Abhirami, IQAC Coordinator elaborated on the BT framework. All CSE staff members attended the session.

Importance of Planning by faculty right from Curriculum implementation, appropriate teaching methodologies and assessment approaches and their relation with BT action verbs were covered.

Need for concentrating on Higher Order Thinking Skills (HOTS) among students, promoting creativity was insisted. Applying and Creative level differences was highlighted during the session.

For all level, commonly used action verbs were highlighted, verbs that needs attention while it is used was also explained. Example questions for all levels were shared during the session.







HOD/CSE



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR 2020 - 2021 ODD SEMESTER

INTERNAL SEMINAR PARTICIPANT LIST

TITLE: Bloom's Taxonomy

DATE: 8.12.2020

S.NO	STAFF NAME	
1.	Dr.S.M.Uma	
2.	K.Abhirami	
3.	S.Puvaneswari	
4.	S.Rajarajan	
5.	R.Ranitha	
6.	Dr.D.Sivakumar	
7.	R.Suganthalakshmi	
8.	R.Sriramkumar	
9.	M.Arun	
10.	G.Chandrapraba	

INTERNAL STAFF SEMINAR COORDINATOR

HOD/CSE



ACADEMIC YEAR 2019-20 EVEN SEMESTER

KCE INTERNATIONAL WEBINAR SERIES REPORT

30.7.2020

A three day International webinar series titled "Research Challenges, issues and Counter measures in IoT Security", "IoT and Its Security", "Introduction to Machine learning" was organized by the Department of CSE, Kings College of Engineering in the online mode (Google meet) from 25.7.2020 to 27.7.2020 to faculty members and students of Engineering Colleges/ Arts & Science Colleges/Polytechnic Colleges/Schools/Industry with an objective to offer a better understanding of IoT Security, Machine learning and role of research during this lockdown period. The sessions were handled by eminent resource persons like Dr.B.Sundaravadivazhagan, Professor, Department of IT, Al Musanna College of Technology, Sultanate of Oman on day 1, Mrs.Tamilarasi Ganesan, Senior Lecturer, Department of IT, Al Musanna College of Technology, Sultanate of Oman on day 2, Dr.Shaji Kalistin apolin, Faculty of IT, Department of IT, Al Musanna College of Technology, Sultanate of Oman on day 3. Totally 323 registrations were there from 19 Indian states, 1 union territory of India and 4 international registrations from Oman and Saudi Arabia. About 100 participants from various states and institutions actively participated in every day session and gained knowledge on various Research issues in IoT Security. The event was co-ordinated by Mr. S. Rajarajan AP/CSE, Mr.K.Rajesh AP/CSE and Dr.D.SivaKumar under the guidance of Dr.S.M.Uma, Head of the Department and by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management. The participants appreciated our organization, our team work, the webinar sessions and also requested for similar kind of webinar sessions in the future also.

Note : The session details are attached in the following annexures,

Annexure I : Webinar BrochureAnnexure II : Registration DetailsAnnexure III : Webinar Series SummaryAnnexure IV : Feedback Details

Annexure V : Sample Certificate

ANNEXURE I : WEBINAR BROCHURE



ANNEXURE II : REGISTRATION DETAILS

S.No	State	Count
1.	Sultanate of Oman	3
2.	Saudi Arabia	2
3.	Andhra Pradesh	16
4.	Bihar	10
5.	Chhattisgarh	1
6.	Delhi	2
7.	Gujarat	11
8.	Haryana	1
9.	Jharkhand	2
10.	Karnataka	12
11.	Kerala	2
12.	Madhya Pradesh	4
13.	Maharashtra	9
14.	ORISSA	1
15.	Puducherry	1
16.	Punjab	1
17.	Rajasthan	4
18.	Tamil Nadu	227
19.	Telangana	5
20.	Tripura	1
21.	Uttar Pradesh	7
22.	West Bengal	1
Total		323

ANNEXURE - III

INTERNAL PARTICIPANTS

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	B.Sangeetha	CSE
5.	K.Rajesh	CSE
6.	S.Rajarajan	CSE
7.	R.Ranitha	CSE
8.	Dr.D.Sivakumar	CSE
9.	R.Suganthalakshmi	CSE
10.	R.Sriramkumar	CSE
11.	M.Arun	CSE
12.	G.Chandrapraba	CSE

ANNEXURE V : SAMPLE CERTIFICATE



Co-ordinators Mr.S.Rajarajan.,Mr.K.Rajesh & Dr.D.Sivakumar, AP/CSE

J. Return 14/8/2020

Convener

Dr.S.M.Uma

HOD/CSE

Principal Dr.J.Arputha Vijaya Selvi



15.07.2020

DEPARTMENT CIRCULAR

5 days Faculty Development Program titled on "Design Thinking" is organized by the department of CSE, Kings College of Engineering in the online mode using Google Meet platform from 20.07.2020 to 24.07.2020 for faculty member. All CSE department staff members are asked to attend the session.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020 - 2021 ODD SEMESTER

KCE FDP REPORT

Five days Faculty Development Program titled **"Design Thinking"** was organized by the Department of CSE, Kings College of Engineering in the online mode (Google Meet) from **20.7.2020 to 24.7.2020** for faculty members of Engineering Colleges/ Arts & Science Colleges/Polytechnic Colleges /Industry with an objective to offer a better understanding of Problem Solving during this lockdown period. The sessions was handled by eminent resource person **Mr.M.Durai Jaiker MBA**., Sales Manager, Entrepreneur, Professor, Entrepreneurship Mentor, Ahmedabad. Totally **250 registrations** were there from different Indian states of India and international registrations. About **129 participants** joined FDP from 09 different Indian states, 01 union territory of India. Participants from various states and institutions actively participated in the session and gained inspiration on Design Thinking. The event was co-ordinated by Mr.R.Ranitha AP/CSE, Mrs.S.Puvaneswari AP/CSE and Mr.R.SriramKumar AP/CSE under the guidance of Dr.S.M.Uma, Head of the Department and by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management. The session was completed successfully by the support of our Faculty members of CSE.

Note : The session details are attached in the following annexures,

Annexure I : Webinar Brochure

Annexure II : Webinar Summary

Annexure III : Internal Participants

Annexure IV :Sample Certificate

ANNEXURE I : WEBINAR BROCHURE





Approved by AICTE, New Delhi & Affiliated to Anna University Chennai NAAC Accredited & ISO Certified Institution

Recognized Under 2(f) & 12 (B) of UGC Punalkulam, Gandarvakottai Taluk, Pudukkottai Dt. - 613303 Tamil Nadu, India, www.kingsindia.net

Department of Computer Science & Engineering

Presents

Five Days FDP on **"Design Thinking"** Date: 20th July, 2020 to 24th July, 2020 Time: 11:00 a.m-12:30 p.m(IST)

Registration URL:

https://tinyurl.com/CSE-WEB008

E-Certificate Will be Provid<u>ed.</u> Last date for Registration:

t:

For Queries, Contact : Cell: 9894250879

No Registration Fee.

19.07.2020

Organizing Committee

Resource person

Mr.M.Durai Jaiker, M.B.A., 12+ years of entrepreneurship, 12 years of sales management, 5 years of management teaching, Entrepreneurship mentor & trainer, Gujarat.

Organizing Coordinators Mrs.R.Ranitha, Mrs.S.Puvaneswari, Mr.R.Sriram kumar. AP/CSE Convener Dr.S.M.Uma,Ph.D., Head of the Department

f https://www.facebook.com/KingsCollegeofEngineering/

Patron Dr.J.Arputha Vijaya Selvi, Ph.D., Principal

ANNEXURE II

WEBINAR SUMMARY

PARTICIPANTS

S.No	State	Count
1.	Telangana	05
2.	Andhra Pradesh	22
3.	Karnataka	05
4.	Punjab	01
5.	Bihar	09
6.	Odisha	04
7.	Uttar pradesh	03
8.	Maharashtra	02
9.	Puducherry	02
10.	Tamil Nadu	96
	Total	129

ANNEXURE - III

INTERNAL PARTICIPANTS

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	B.Sangeetha	CSE
5.	K.Rajesh	CSE
6.	S.Rajarajan	CSE
7.	R.Ranitha	CSE
8.	Dr.D.Sivakumar	CSE
9.	R.Suganthalakshmi	CSE
10.	R.Sriramkumar	CSE
11.	M.Arun	CSE
12.	G.Chandrapraba	CSE

ANNEXURE IV : SAMPLE CERTIFICATE



Coordinators

HoD/CSE

00



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2019 - 2020 EVEN SEMESTER

WEBINAR CUM WORKSHOP ON "MACHINE LEARNING TECHNIQUES"

Department of Computer Science & Engineering had organized a Webinar cum Workshop on "Machine Learning Techniques" on 29.06.2020 & 30.06.2020 at 3pm. The program was inaugurated by Dr.S.M.Uma HOD/CSE and welcome address given by Ms.S.Puvaneswari AP/CSE. Totally **226 participants** registered for this program. The program was conducted through CISCO Webex Meeting application. In the first session, resource person described about the basic concepts of machine learning techniques and in the second session, hands on training session was given and real time examples were discussed. Mr.M.Arun AP/CSE thanked the management, resource person and the participants. At the end of the program, the participants submitted their feedback through google forms.

Content Coverage

Day 1: Session 1:

- Basic concepts of Machine Learning
- Difference between Machine Learning & Deep Learning
- Machine Learning Algorithms

Day 2: Session 2:

- Introduction about RapidMiner tool
- Implementation of Machine Learning algorithms in RapidMiner Tool

ANNEXURE - I



ANNEXURE - III

INTERNAL PARTICIPANTS

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	B.Sangeetha	CSE
5.	K.Rajesh	CSE
6.	S.Rajarajan	CSE
7.	R.Ranitha	CSE
8.	Dr.D.Sivakumar	CSE
9.	R.Suganthalakshmi	CSE
10.	R.Sriramkumar	CSE
11.	M.Arun	CSE
12.	G.Chandrapraba	CSE

ANNEXURE III



Approved by AICTE, New Delhi & Affiliated to Anna University Chennai NAAC Accredited & ISO Certified Institution

Recognized Under 2(1) & 12 (B) of UGC Punalkulam, Gandarvakottai Taluk, Pudukkottai, Dt-613303 Tamilnadu, www.kingsindia.net

Department of Computer Science and Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that

has participated in the Webinar on Machine Learning Tools on 29.06.2020 and 30.06.2020 Organized by Department of Computer Science and Engineering, Kings College of Engineering, Thanjavur.

> Mrs.S.Puvaneswari, M.E., Mr.M.Arun, M.E., Coordinators E - Certificate Id:

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

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

This is electronically generated certificate, hence it doesn't require signature

(Sample E-Certificate Design)

COORDINATOR(S) (Ms.S.Puvaneswari & Mr.M.Arun)

HOD/CSE

14/8/2020 J. M PRINCIPAL







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020 - 2021 ODD SEMESTER

KCE WEBINAR REPORT

26.06.2020

One day webinar titled "Inspiring Passion At Workplace:Sure-Shot Approach to Success" was organized by the Department of CSE, Kings College of Engineering in the online mode (ZOOM meeting) on 26.06.2020 to faculty members and students of Engineering Colleges/ Arts & Science Colleges/Polytechnic Colleges /Industry with an objective to offer a better understanding of Passion at workplace during this lockdown period. The sessions was handled by eminent resource person Mr.R.G.Pragasam, Techno Managerial Consultant, Vishal Precision Products Pvt Ltd, Coimbatore Totally 193 registrations were there from different Indian states of India and international registrations. About 153 participants joined Webinar from 09 different Indian states, 01 union territory of India and 02 international registrations from Dhofar (Oman) and Andaman and Nicobar Islands. Participants from various states and institutions actively participated in the session and gained inspiration on topic. The event was co-ordinated by Mr.R.Ranitha AP/CSE, Mrs.G.Chandra praba AP/CSE and B.Sangeetha AP/CSE under the guidance of Dr.S.M.Uma, Head of the Department and by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management. The session was completed successfully by the support of our Faculty members of CSE.

Note : The session details are attached in the following annexures,

Annexure I : Webinar Brochure Annexure II Webinar Summary Annexure III : Internal Participants

Annexure IV :Sample Certificate

ANNEXURE I : WEBINAR BROCHURE



CONVENER

PRINCIPAL

ANNEXURE II : WEBINAR SUMMARY

PARTICIPANTS

S.No	State	Count
1.	Dhofar Governance(Oman)	03
2.	Andaman and Nicobar Islands	01
3.	Delhi	01
4.	Andhra Pradesh	04
5.	Karnataka	23
6.	Maharashtra	02
7.	Madhya Pradesh	01
8.	Puducherry	02
9.	Gujarat	03
10.	Haryana	02
11.	Tamil Nadu	111
	Total	153

Faculties	Industry Persons	Research Scholars	Students	Total
74	02	02	75	153

ANNEXURE III: Internal Participants

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	B.Sangeetha	CSE
5.	K.Rajesh	CSE
6.	S.Rajarajan	CSE
7.	R.Ranitha	CSE
8.	Dr.D.Sivakumar	CSE
9.	R.Suganthalakshmi	CSE
10.	R.Sriramkumar	CSE
11.	M.Arun	CSE
12.	G.Chandrapraba	CSE

ANNEXURE IV : SAMPLE CERTIFICATE





CERTIFICATE OF PARTICIPATION

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

Dr. D.R.RAJKUMAR of

CARE GROUP OF INSTITUTIONS

has participated in the webinar titled

"INSPIRING PASSION AT WORKPLACE: SURE SHOT APPROACH TO SUCCESS"

Prevented by Mr.R.G.PRAGASAM, Jachno Munagerial Consultant, Vishaf Prevision Products Pvt 114, Combulare

Organised by Kings College of Engineering, Punalkulam, Podukkortai

On 26.06.2020

Mis.R.Ranitha, Mrs.G Chandrapraba, Mis.B Sangeetha COORDINATORS

Dr.S.M.Uma CONVENER Dr.J Arputha Vijoya Selvi PRINCIPAL.



Certificate ID: HIGENA-CE000002

This is electronically generated certificate, hence it doesn't require signature

Co-ordinators

1.16

Mrs.R.Ranitha & Mrs.G.Chandra praba AP/CSE

Convener

00

Dr.S.M.Uma HOD/CSE

14/8/2020 2.100

Principal Dr.J.Arputha Vijaya Selvi







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020 - 2021 ODD SEMESTER

KCE WEBINAR REPORT

06.06.2020

One day webinar titled **"Emerging Technology Trends in Life-Sciences Industry"** was organized by the Department of CSE, Kings College of Engineering in the online mode (CISCO Webex) on **06.06.2020** to faculty members and students of Engineering Colleges/ Arts & Science Colleges/Polytechnic Colleges /Industry with an objective to offer a better understanding of Emerging Technology Trends in Life-Sciences Industry during this lockdown period. The sessions was handled by eminent resource person **Mrs.R.Anuradha**, **Product Manager, LifeSciences Domain, Taketa Pharmacueticals, USA**. Totally **211 registrations** were there from **14 different Indian states, 01 union territory of India** and **01 international registrations** from **Dhofar Governance(Sultanate of Oman)**. About **155 participants** from various states and institutions actively participated in the session and gained knowledge on topics. The event was co-ordinated by Mr.R.Ranitha AP/CSE and Mrs.G.Chandra praba AP/CSE under the guidance of Dr.S.M.Uma, Head of the Department and by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management. The session was completed successfully by the support of our Faculty members of CSE.

Note : The session details are attached in the following annexures,

Annexure I : Webinar Brochure

Annexure II : Registration Details

Annexure III Webinar Summary

Annexure IV : Feedback Details

Annexure V :Sample Certificate

ANNEXURE I : WEBINAR BROCHURE



S.No	State	Count
1.	Dhofar	01
	Governance(Oman)	
2.	Uttar Pradesh	03
3.	Andhra Pradesh	08
4.	Karnataka	04
5.	Kerala	02
6.	Maharashtra	13
7.	West bengal	01
8.	Puducherry	01
9.	Rajasthan	07
10.	Uttarakhand	01
11.	Gujarat	07
12.	Haryana	03
13.	Telangana	01
14.	punjab	01
15.	Tamil Nadu	158
	Total	211

ANNEXURE II : REGISTRATION DETAILS

Faculties	Industry Persons	Research Scholars	Students	Total
98	04	01	108	211

ANNEXURE III : WEBINAR SUMMARY

PARTICIPANTS

S.No	State	Count
1.	Uttar Pradesh	04
2.	Andhra Pradesh	05
3.	Karnataka	03
4.	Kerala	01
5.	Maharashtra	09
6.	West bengal	01
7.	Puducherry	01
8.	Rajasthan	04
9.	Uttarakhand	01
10.	Gujarat	06
11.	Haryana	03
12.	Telangana	01
13.	punjab	01
14.	Tamil Nadu	115
	Total	155

Faculties	Industry Persons	Research Scholars	Students	Total
80	02	01	72	155

ANNEXURE IV: Internal Participants

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	B.Sangeetha	CSE
5.	K.Rajesh	CSE
6.	S.Rajarajan	CSE
7.	R.Ranitha	CSE
8.	Dr.D.Sivakumar	CSE
9.	R.Suganthalakshmi	CSE
10.	R.Sriramkumar	CSE
11.	M.Arun	CSE
12.	G.Chandrapraba	CSE

ANNEXURE V : SAMPLE CERTIFICATE



CERTIFICATE OF PARTICIPATION DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

MRS.R.RANITHA

KINGS COLLEGE OF ENGINEERING

has participated in the Webinar titled

"EMERGING TECHNOLOGY TRENDS IN LIFE - SCIENCES INDUSTRY"

Presented by R.ANURADHA, Product Manager, Pharamacuetical, USA

organized by Kings college of Engineering, Punalkulam, Pudukottai.

on 06.06.2020

Mrs.R.Ranitha Mrs.G.Chandrapraba COORDINATORS

Dr.S.M.Uma HOD/CSE

Ima Dr.J.Arputha Vijaya Selvi SE PRINCIPAL





Co-ordinators

Mrs.R.Ranitha & Mrs.G.Chandra praba AP/CSE

Convener

Dr.S.M.Uma HOD/CSE

14/8/2020

Principal Dr.J.Arputha Vijaya Selvi

ACADEMIC YEAR 2019 - 2020



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019-20 EVEN SEMESTER

KCE WEBINAR SERIES REPORT

26.5.2020

A three days webinar series titled "Tools for research and how to write a research paper", "Online teaching learning tools", "Effective communication" was organized by the Department of CSE, Kings College of Engineering in the online mode (CISCO Webex) from 22.5.2020 to 24.5.2020 to faculty members and students of Engineering Colleges/ Arts & Science Colleges/Polytechnic Colleges/Schools/Industry with an objective to offer a better understanding of research tools, digital learning and role of communication during this lockdown period. The sessions were handled by eminent resource persons like Dr.B.Surendiran, Associate Dean in Academics, NIT Puducherry, Karaikal on day 1, Dr.R.Eswari, Dept of Computer Applications, NIT Trichy on day 2, Mr.G.Jayakumar, Deputy Manager, NTTF Bangalore and Mr.T.K.Rajiv, Senior Faculty, NTTF Bangalore on day 3. Totally 429 registrations were there from 10 Indian states, 1 union territory of India and 3 international registrations from Srilanka and Saudi Arabia. About 200 participants from various states and institutions actively participated in every day session and gained knowledge on various topics. The session was also streamed in Youtube for later references. The event was co-ordinated by Mr.K.Rajesh AP/CSE and Mrs.R.Sugantha Lakshmi under the guidance of Dr.S.M.Uma, Head of the Department and by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management. The participants appreciated our organization, our team work, the webinar sessions and also requested for similar kind of webinar sessions in the future also.

Note : The session details are attached in the following annexures,

Annexure I : Webinar Brochure	Annexure II : Registration Details
Annexure III : Webinar Series Summary	Annexure IV : Day 1 Details
Annexure V: Day 2 Details	Annexure VI : Day 3 Details
Annexure VII : Feedback Details	Annexure VIII : Certificate

ANNEXURE I : WEBINAR BROCHURE



ANNEXURE II : REGISTRATION DETAILS

S.No	State	Count
1.	Saudi Arabia	1
2.	Srilanka	2
3.	Andhra Pradesh	17
4.	Haryana	1
5.	Jharkhand	1
6.	Karnataka	23
7.	Kerala	14
8.	Maharashtra	5
9.	ORISSA	1
10.	Puducherry	15
11.	Punjab	1
12.	Rajasthan	1
13.	Tamil Nadu	343
14.	Telangana	4
	Total	429

Staff	Industry Person	Research Scholars	Students	Total
245	1	21	162	429

ANNEXURE III : WEBINAR SUMMARY

PARTICIPANTS

Day 1	Day 2	Day 3
194	245	287

INTERNAL PARTICIPANTS

S.NO	STAFF NAME	Department
1.	Dr.S.M.Uma	CSE
2.	K.Abhirami	CSE
3.	S.Puvaneswari	CSE
4.	B.Sangeetha	CSE
5.	K.Rajesh	CSE
6.	S.Rajarajan	CSE
7.	R.Ranitha	CSE
8.	Dr.D.Sivakumar	CSE
9.	R.Suganthalakshmi	CSE
10.	R.Sriramkumar	CSE
11.	M.Arun	CSE
12.	G.Chandrapraba	CSE

Day 3





Recognized by JRC under 2(F. & 12)(6) Asorowed by AICTI New Defin, Alfflixed to Aona University, Chennas Puholoclass, New Thanjavis 611-303

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that

Mrs.ArunaRajapal

Teacher/Computer Science

International Indian School, Jubail, Saudi Arabia has participated in the webinar titled

"Effective Communication"

Presented by

Mr.G.Jayakumar & Mr.T.K.Rajiv

NTTF Electronics City, Bangalore, organised by Kings College of Engineering, Punalkulam on 24.05.2020

Mr K Rajesh Ms.R.Sugantha Lakshmi COORDINATORS

Dr.S.M.Uma HOD/CSE Dr J Arputha Vijaya Selvi PRINCIPAL

19



nakulari, Gendereekana Taluk, Padukkona Dt. - \$13303 www.kiopindia.net Contificate 10: - \$EZRQ0-CE000131

generated certificate, h

Co-ordinators

Mr.K.Rajesh & Mrs.R.Sugantha Lakshmi AP/CSE

onvener

Dr.S.M.Uma HOD/CSE

01/10/2020 2.00

Kielle

Principal Dr.J.Arputha Vijaya Selvi







ACADEMIC YEAR 2019 – 2020 / EVEN SEMESTER DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

22.4.2020

CIRCULAR

IQAC in association with IIT Bombay have planned to organize FDP on "Latex Workshop" on 29.4.2020. Faculty members are requested to attend the FDP.

kin 6

IQAC Member (Mr.R.Sriramkumar AP/CSE)

HOD/CSE 22/4/26





7.05.2020

REPORT ON FACULTY DEVELOPMENT PROGRAMME ORGANIZED IN ASSOCIATION WITH IITB

IQAC in association with IIT, Bombay is organized Faculty Development Programme for our faculty members. All faculty members attended the course on the scheduled days. 1 common course and 1 department specific course was chosen for this Summer FDP.

FDP titles & Objective

Date	Course	Course Objective	Branch(es) & number of participants
29.04.20	Latex- Workshop	Open source software that helps in preparing paper for publication with notations, plots etc.	faculties(78)
04.05.20	R	Open-source language for analytics and data science	CSE faculties(12)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL, <u>UITE(29.04.20)</u>





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FDP ON "R" IN ASSOCIATION WITH SPOKEN TUTORIAL, HITB(04.05.20)









DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2019 - 2020 EVEN SEMESTER

TITLE: FDP on Spoken Tutorial Latex

DATE: 29.4.2020

••

A PARTY A PARTY OF THE PARTY

S.NO	STAFF NAME	
1.	Dr.S.M.Uma	
2.	K.Abhirami	
3.	S.Puvaneswari	
4.	B.Sangeetha	
5.	K.Rajesh	
6.	S.Rajarajan	
7.	R.Ranitha	
8.	Dr.D.Sivakumar	
9.	R.Suganthalakshmi	
10.	R.Sriramkumar	
11.	M.Arun	
12.	G.Chandrapraba	

IQAC MEMBER

A J 29/4/20 HOD/CSE

ACADEMIC YEAR 2018 - 2019







FACULTY DEVELOPMENT PROGRAMME INVITE LETTER

ORGANIZING COMMITTEE.

Dear Sir/Madam,

7.2.19

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

Coordinator(s)

Ms.R.Sugantha Lakshmi AP/CSE Ms.G.Chandrapraba AP/CSE ear Sir/Madam,

Greetings from Kings College of Engineering!

Sub: Invitation for two days FDP titled "Robotics and Automation"

It gives us immense pleasure to inform you that CSE DEPARTMENT, KINGS COLLEGE OF ENGINEERING, Punalkulam is organizing a two days FDP titled "Robotics and Automation" for teaching fraternity of all branches on 22nd and 23rd February 2019.

The FDP is intended to expose the faculty members on Robotics. The aim is to provide the faculties with a clear, simple explanation of robotics. The course also covers session on advancements, automation and research areas of Robotics.

Kindly circulate the enclosed brochure among your faculty. I request you to motivate the faculty members to participate in the two days FDP and get benefited.

Looking forward to your confirmation

Thanking you

Encl:Brochure

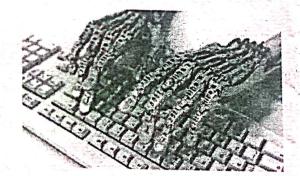
Best regards



TWO DAYS FACULTY DEVELOPMENT PROGRAMME

on

"ROBOTICS AND AUTOMATION"



22nd & 23rd February 2019

Organized by **Department of CSE**

Kings College of Engineering Punalkulam, Thanjavur

Contact: hodcse@kingsindia.net

ABOUT THE COLLEGE

Kings College of Engineering is an institution which was formed with the 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. 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. KCE is ISO 9001:2008 and NAAC certified institution.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering since its inception in the year 2001 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.E - MPC and M.E - CSE. Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art computer centre has over 300 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced faculty to offer both class room teaching and practical instructions

SCOPE

The progress in robotics and vision applications is massive and wide spread from industrial automation to defense applications. These fields contribute significantly on future intelligent systems in industry and society. Since next generation industries need engineers with an interdisciplinary attitude and experience to meet the future demands, this FDP is aimed to explore the potential areas and the significance in the fields of robotics and automation.

COURSE CONTENT

The major areas addressed in this FDP are Robot modeling & control and vision assistance in robotic applications. The topics in this programme are covered with the blend of theory and practice sessions which includes

- Introduction to robotics & automation
- Vision, Control techniques
- Advances in Robotics
- Research Areas

COURSE OUTCOMES

The course will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Robotics and Automation. The course will also help to identify future research needs in the interdisciplinary emerging field.

RESOURCE PERSON

Eminent faculty from academia and industry/ organizations will be handling the sessions.

Dr. V. Sankaranarayanan Associate Professor NIT, Trichy

WHO CAN ATTEND

Programme is open to Faculty Members from Engineering Colleges/ Arts & Science Colleges/ Polytechnic Colleges of any domain and Professionals from industries

REGISTRATION

Interested candidates can apply online through the following link:

https://goo.gl/forms/ff4C2Xk6Cw1MzSqy2

REGISTRATION FEE

Faculty **Research Scholar & Industry Persons**

: Rs 400 : Rs 600

IMPORTANT DATES

Last date of Registration : 18.2.19 Notification of acceptance : 20.2.19

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-ordinator(s) Ms.R.Sugantha Lakshmi AP/CSE Ms.G.Chandra Praba AP/CSE

For further information, please contact

Ms.R.Sugantha Lakshmi Ms.G.Chandra Praba AP / CSE Ph: 9894688906

AP / CSE Ph: 9176184722

REGISTRATION FORM

Name (in Capital letters) Institution / Organization Name

Designation

Department

Email id

Date

Address for Communication

Mobile No

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the Two Day FDP on "Robotics and Automation"

> Signature of Head of the Institution (With office seal)







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

Report

FACULTY DEVELOPMENT PROGRAM

"Robotics and Automation"

1. Type of the Event

- 2. Name of the Event
- 3. Purpose
- 4. Date
- 5. Level of the Event
- 6. Name of the organizer(s)
- 7. Resource Person(s)
- 8. Target Group
 9. Number of Participants
 10. Topics Covered

11. Outcome

Department Level

22nd and 23rd Feb 2019

R.Sugantha Lakshmi /CSE & G.Chandra Praba/CSE

faculties with a clear, simple explanation of robotics

Aimed to explore the potential areas and the significance

in the fields of robotics and automation and to provide the

Dr.V.Sankaranarayanan , Associate Professor,NIT,Trichy Mr.S.Shanmuganathan, Embedded Programmer, Kalvi Institu

Pvt.Ltd, Madurai

Faculty Members (External & Internal)

20

:

Introduction & Basics of Robotics Designing and Automation of Robotics Advances & Research areas in Robotics Programming Concepts & Algorithms used in Robotics Hands on and Demo Session on Robotics

Will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Robotics and Automation. It will also help t identify future research needs in the interdisciplinary emerging field. Valedictory



Co-ordinator(s)

ale to the

HOD/CSE

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

TITLE: FDP on Robotics and Automation

DATE: 22.2.19 & 23.2.19

S.NO	STAFF NAME	
1.	Dr.S.M.Uma	
2.	K.Abhirami	
3.	S.Puvaneswari	
4.	B.Sangeetha	
5.	S.Rajarajan	
6.	R.Ranitha	
7.	Dr.D.Sivakumar	
8.	R.Sriramkumar	
9.	M.Arun	

G.CC **FDP COORDINATOR**

HOD/CSE 23/11

ONE DAY WORKSHOP ON "Internet of Things Using Arduino and Raspberry pi"



05th -OCT'2018



KINGS COLLEGE OF ENGINEERING

NAAC Accredited Institution

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai) www.kingsindia.net

> 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. The institution offers six UG and four PG programmes and certified with ISO 9001:2008. 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 started offering Post Graduate course. 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.

ABOUT THE WORKSHOP

The Internet of Things (IoT) is the next wave, world is going to witness. Internet of Things is a term given to the attempt of connecting objects to the internet and also to each other - allowing people and objects themselves to analyze data from various sources in real-time and take necessary actions in an intelligent fashion.

This workshop aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This program serves as a platform for research scholars, faculty, engineers and students to interact on cutting edge technologies in IoT. By connecting "things" in the real world such as cars, buildings, and industrial equipment, IoT promises to revolutionize how we live and work.

SESSION OUTLINE

- Basics of IoT
- Introduction to Arduino
- Introduction to Raspberry pi
- Implementation of IoT in Real time

		A	
Kinas College of Engineering. Punalkulam	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 03.10.2018. IMPORTANT DATES	ORGANIZING COMMITTEE Chief Patrons Dr.R.Rajendran.,Ph.D Secretary Mr.T.R.S.Muthukumaar, M.B.A C.E.O Patron Dr. J.Arputha Vijayaselvi, B.E.,M.E.,Ph.D., Principal Co- Patron Dr. S. Sivakumar, B.E.,M.Tech.,Ph.D., Vice Principal Convener Dr.S.M.Uma.,M.E.,Ph.D., HOD/CSE Coordinators Mr.R.Sriramkumar., M.Tech AP / CSE, cell:, 9952537406 Mr.M.Arun., M.E	RECISTRATION FORM Name : Institution / Organization Name Organization Name : Designation : Department : Address for Communication for Communication : Date : 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 "Internet of Thing. Using Advise and
C. C		cell:, 9952537406	This is to certify that is a student
			Signature of Head of the Institution (With office seal)

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

One Day Workshop

Programme Report

Title

Date

Venue

Participants

Total No of Participants

Resource Persons

Internet of Things Using Arduino and Raspberry Pi

05.10.18

Pallava Hall

External Staffs and Students

Internal Staffs and Students

25

:

Mr.G.Karthick,

Embedded and IoT Developer

Live Core Technologies,

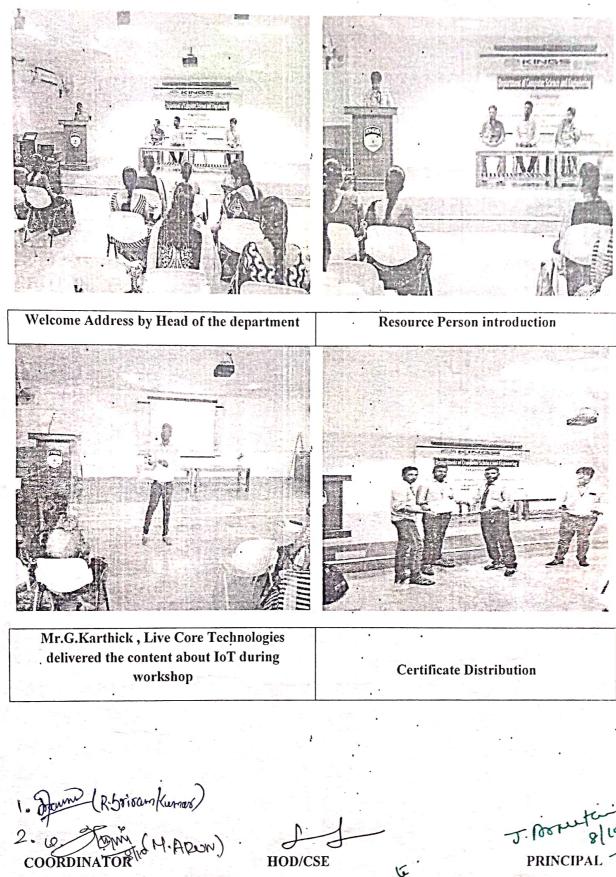
Trichy.

Mobile: 9894946363

SUMMARY:

The one day workshop was conducted on the title of 'Internet of Things Using Arduino and Raspberry Pi' on 05.10.2018 for external and internal participants. Totally 25 participants were participated in the event. The main Objective of this event is to give better skills on Arduino & NodeMc. The program was planned as two session (FN & AN). Both sessions were conducted at the Pallava hall. HOD department of CSE inaugurated the workshop and exposes the importance of workshop. Mr.R.Sriramkumar (coordinator) introduced the resource person Mr.G.Karthick from Live Core Technologies. Mr.G.Karthick resource person have delivered the content of introduction about IoT and arduino during the forenoon session. In the afternoon session hands-on training about arduino and NodeMc was covered.

PHOTOS:



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR 2018 - 2019 ODD SEMESTER

TITLE: Workshop on IoT using Arduino and Raspberry Pi

DATE: 5.10.18

STAFF NAME
Dr.S.M.Uma
K.Abhirami
S.Puvaneswari
B.Sangeetha
S.Rajarajan
R.Ranitha
Dr.D.Sivakumar
R.Suganthalakshmi
G.Chandrapraba

workshop coordinator

Er la HOD/CSE

ACADEMIC YEAR 2017 - 2018

KINGS COLLEGE OF ENGINEERING DEPARTMENT OF CSE

Faculty Development Training Program on COMPILER DESIGN 11.12.2017 to 17.12.2017

REGISTRATION FORM

Name

Designation

Department

Institution

Qualification

Year of Experience

Gender

Address for Communication

Phone / Mobile No.

Institution affiliated to Anna university

Email id

DECLARATION

The information provided herewith is true to the best of my knowledge. I agree to abide by the rules and regulation governing the training program. If selected, I shall attend the training program for the entire duration.

Date:

Signature of the Applicant

WHO SHOULD ATTEND

Faculty members from AICTE approved Engineering Colleges and Deemed Universities.

Registration for the faculty development training program can be done through offline. Send the filled-in registration form duly signed by Head of the Department to the E-Mail id <u>hodcse@kingsindia.net</u>.

- No registration fee.
- No TA / DA will be provided.
- Participants will be selected on first come & first serve basis.
- Priority will be given to young faculty.

ADDRESS FOR COMMUNICATION

Please send the filled-in registration form to:

The COORDINATOR,

FDTP on Compiler Design, Department of CSE, Kings College of Engineering Punalkulam, Thanjavur-613303 Mobile: + 91 9791984228 Email ID: <u>hodcse@kingsindia.net</u> Web: <u>www.kingsindia.net</u> Seven Days Faculty Development Training Program on COMPILER DESIGN 11-12-2017 to 17-12-2017 REGISTRATION FORM Coordinators

Dr.S.M.Uma Head of the Department/CSE, Mr.J.Jegan Assistant Professor/CSE, Kings College of Engineering



Approved by Anna University Chennai Organized by



Department of CSE Kings College of Engineering (A NAAC accredited institution) Punalkulam, Thanjavur-613303 Website:www.kingsindia.net

ABOUT THE UNIVERSITY

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities. Anna University is of the affiliated type and is a member of the Association of Indian Universities, the Association of Commonwealth Universities and Partner of UNESCO International Center for Engineering Education (UICEE), Haven proven both in academic and research areas. Anna University was able to impart quality and excellence in Technical Education. Anna University has four University Departments, four Regional Centers and twelve Constituent Colleges

ABOUT THE COLLEGE

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 THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2001.The department with well established infrastructure provides an outstanding learning environment and has been in constant pursuit of excellence. The Department offers B.E Computer Science & Engineering, M.E Pervasive Computing Technology and M.E Computer Science & Engineering. The Department has well qualified and experienced Teaching and Supporting Staff members. Our faculty members aim at delivering top class education blending their rich experience with classroom teaching.

SCOPE OF THE PROGRAM

The aim of the faculty development training program is to enhance the teaching skills of young faculty members with the comprehensive knowledge in the field of Language Processor (Compiler) and design of efficient compilers.

COURSE CONTENTS

- Introduction to Compilation
- Scanner
- Parser
- Intermediate Code Generator
- Syntax Directed Translation
- Code Optimization Techniques
- Code Generation
- Hands on session with JFLAP, GTB, LEX and YACC tools and Practical Session on design of front end and back end of the compilers.

RESOURCE PERSONS

Experienced faculty members from reputed institutions will share their knowledge and enrich the participants

ORGANIZING COMMITTEE

Chief Patron VICE CHANCELLOR Anna University, Chennai

Patron Dr. S. GANESAN Registrar, Anna University, Chennai

> Chair Dr. K. SHANTHI Director, CFD

Dr. D. SRIDHARAN Addl Director, CFD

Co-chair Dr.J.Arputha Vijaya Selvi, Principal, Kings College of Engineering Dr.S.M.Uma HoD / CSE, Kings College of Engineering

Coordinators Dr.S.M.Uma

HoD / CSE, Kings College of Engineering

Mr.J.Jegan AP / CSE, Kings College of Engineering

Venue:

Pallava Hall, Kings College of Engineering Thanjavur

IMPORTANT DATES

Submission of Application	: 01.12.2017
Intimation of Selection	: 04.12.2017
Confirmation by Participants	: 05.12.2017

REPORT ON SEVENDAYS FACULTY DEVELOPMENT AND TRAINING PROGRAMME ON COMPILER DESIGN

The department of CSE of kings college of engineering organized annauniversity approved sevendays Faculty development and training programme on Compiler design from 11.12.17 to 17.12 17. O n Dec 11th 2017, in the inaugural function Dr.S.M.Uma H.O.D/CSE greeted the entire gathering by delivering the welcome address. The Dr.R.Rajendren secretary, kings college of engg delivered the presidential address and he felicitated the Chief guest with shawl and momento and Dr.S.Sivakumar Vice principal/KCE deliver the presendential address.

The Chief guest was introduced to the gathering by Ms.K.Abhirami ,Asst prof/CSE. Dr.S.Joseph Principal of ST.Joseph college of engineering inaugurated the programme and address the gathering with his eloquent and informative speech .The inauguration function was wind up with vote of thanks by Mr.K.Rajesh Asst.prof/cse. The FDTP aims to provide approtunities to faculty members to enrich their teaching skill. Eighteen external faculties from various engg college in and around thanjavur and eight internal faculty were participate in the programme.They made atmost use of theory and laboratory session, which elaborately carried the entire syllabus on Compiler Design.

The first day,Dr.Jospesh has started the session with basic concepts of Application of Compiler and afternoon session was handled by Mr.Guruprakash, Asst prof/CSE, Veltech university on the topic of Phases of Compiler.The second day Mr.Guruprakash,Veltech university, handle the morning and evening session in the topics of "Compiler Optimization technique and Demonstration of Lex tools".The third day ,internal speaker Dr.K.Rajiv Gandhi ,AP/CSE, Alagappa university handle the morning and evening session in the topics of "Demonstration of Lex snd Yoke tools" .The fourth day ,Mrs.S.Susila ap/cse, Periyar maniammai university handle the morning session in the topics of "Lexical analysis " and afternoon session handled by internal speaker Mrs.S.Puvaneswari on the topic of "Conversion of Regular expression to epslonDFA".

The fifth day ,Dr.S.Nandakumar H.O.D/CSE AJMEC, handle morning session in the topics of "Top down parser" and afternoon session was handled by internal speaker Mrs.S.Puvaneswari on the topics of Conversion of NFA to DFA.The sixth day,Mr.S.Ram Prakash ,Thirukuvalai campus ,Annauniversity has delivered the keynote address on "Bottom up parsing" and afternoon session was handled by internal speaker Mrs.P.Nalayini AP/CSE on the topic of "Shift reduce parsing and SLR parsing".The seventh day ,internal speaker Mrs.K.Abhirami AP/CSE has delivered the key note address on "Run time Environment" .In all session ,participants were learned the step by step procedure and different technique regarding Compiler design.

At the valedictory function the feedback forms were collected from them and vote of thanks by J.Jegan ,Asst prof/CSE, Kings college of engg.

Coordinators : Dr.S.M.UMA

Mr.J.JEGAN



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

TITLE: AU sponsored seven days FDTP on CS6660 - Compiler Design

DATE: 11.12.17 - 17.12.17

S.NO	STAFF NAME
1.	K.Abhirami
2.	B.Sangeetha
3.	K.Rajesh
4.	S.Rajarajan
5.	R.Ranitha
6.	Dr.D.Sivakumar
7.	R.Suganthalakshmi
8.	G.Chandrapraba
9.	R.Sriramkumar
10.	M.Arun

17 In/12 HOD/CSE

FDTP COORDINAT

ACADEMIC YEAR 2016 - 2017

NCICIT'16 REGISTRATION FORM

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Signature of Candidate

DECLARATION

Mr. / Ms. / Dr./.....of our institution & sponsored for the above programme.

Signature of the Principal

COMMUNICATION ADDRESS

The Conference Chair, NCICIT' 16 Department of CSE & IT Kings College of Engineering Punalkulam, Thanjavur 613 303 Mob: 98849 89302

ADVISORY COMMITTEE

Dr. P. Alli,VCET, Madurai Dr. Anjaneyulu Pasala, Infosys, Bengaluru Dr. Gopinath Ganapathy,BDU,Trichy Dr. M.A.Maluk Mohamed, Director & Correspondent, MAMCET,Trichy Dr. T. Meiyappan, Alagappa university Dr. C. Nickolas, NIT, Trichy Dr. B. Ramadoss, NIT, Trichy Dr. B. Ramadoss, NIT, Trichy Dr. K. Ramesh, NIT, Warangal Dr. S. Savithri, CSIR-NIIST, Thiruvananthapuram Dr. DVLN. Somayajulu, NIT, Warangal Dr. C. Saravanan, NIT, Dhurgapur

TECHNICAL COMMITTEE

Dr. C. Aravamudhan, PKIET, Pondicherry
Dr. R. Aghila, KLN College, Madurai
Dr. S. Chitra Babu, SSN, Chennai
Dr. K. Geetha, SASTRA University.
Dr. P. Ilango, VIT, Vellore.
Er. U. Kannan, Honey well technologies, Bangalore
Dr. N. Krishnaraj, SRM, university
Dr. S. Mary Saira Bhanu, NIT, Trichy.
Dr. R. Nandhini, VIT, Chennai
Dr. B. Sarojini Avinashilingam University for
Women Coimbatore
Dr. K. Selvakumar, Annamalai University

NATIONAL CONFERENCE

ON INNOVATIONS IN COMPUTING AND INFORMATION TECHNOLOGY

NCICIT'16

27.12.2016





Organized by

DEPARTMENT OF CSE & IT KINGS COLLEGE OF ENGINEERING Punalkulam- Thanjavur

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 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, NewDelhi (AICTE) and is affiliated to the Anna University, Chennai. KCE has been recently accredited by NAAC with 'B' Grade.

ABOUT THE DEPARTMENT

The Department of CSE&IT, since their inception in the year 2001 provides an outstanding learning environment and has been in constant pursuit of excellence. Importance is given to practical learning and a sound understanding of theoretical part. The Department organizes endowment lectures by industrial persons and academicians of national repute to help the students to keep abreast with the latest developments in the field of CSE& IT.

ABOUT THE CONFERENCE

The conference has been initiated with the objective to provide a forum for engineers and scientists in academia, industry, and government to address all challenges, including technical, safety, social, and legal issues that are related to Innovations in the field of CSE&IT.This will provide a platform to share and discuss ideas, results, work-in-progress and experience on all aspects.

THRUST AREAS

Authors are invited to submit original research papers which are previously unpublished and are under consideration for publication elsewhere. Topics of interest for submission include, but limited to:

- Intelligent and Bio-inspired Computing
- Scientific and Engineering Computing
- Big Data Analytics & its Implications
- Cluster, Grid, P2P and Cloud Computing
- Computational Social Systems
- Embedded and Ubiquitous Computing
- Advanced Networking and Applications

GUIDELINES

One copy of full paper not exceeding 6 pages, as per IEEE format on any of the above and related topic should be sent to the conference chair. Soft copy should be sent to https://easychair.org/conferences/?conf=ncicit16. The accepted papers with full registration fee paid will be published in the proceedings of the conference. Authors are requested to send their papers in editable format (.doc or .docx).PDF format will not be accepted.

JOURNAL PUBLICATIONS

All accepted papers will be published in the following journals.

1. International Journal of Engineering Research and Technology (IJERT)-ISSN"2278-0181

2. International Journal of Advance basic Engineering Science and Technology (IJABEST)

REGISTRATION FEE

REGISTRATION FEE		
PG Student - Rs.750/-		
Research Scholar - Rs750/-		
Academician - Rs.1000/-		
Industry Person - Rs.1250/-		
CHIEF PARTONS		
Smt. SHARMILA RAJAA, CFO		
Shri. T.R.S.MUTHUKUMAAR,		
PATRON		
Dr .S. DURAIRAJ, Principal		
CONFERENCE CHAIRS		
Mrs. S. M. UMA, HOD/CSE		
Mrs. T. VIGNESWARI, HOD/IT		
CONFERENCE SECRETARY		

CEO

Dr.S.KANNAN, Associate Professor//IT

Mr.K.RAJESH, Assistant Professor/CSE

IMPORTANT DATES

Date of Submission - 20.11.16

Intimation of Acceptance - 05.12.16 (Through mail)

Last date for registration - 15.12.16







NATIONAL CONFERENCE ON INNOVATIONS IN COMPUTING AND INFORMATION TECHNOLOGY

NCICIT'16 - 27.12.2016

REPORT

such events to grab atleast one research component and further work on it sincerely. The conference proceeding was released by our Principal and the first copy was received by our chief guest Dr.P.Alli.

Keynote address on the topic of "Medical image processing" was delivered by Dr.P.Alli, enlightened the students' mind by elucidating on various imaging techniques like PET and SPECT, scope of medical imaging in clinical analysis, opportunities and innovations in this field. Followed by, we had the presentations by participants from engineering colleges in Tamilnadu. Twenty two research works were presented Participants exhibiting their research ideas, which ignited the students' mind by exploring new ideas and innovations in the field of CSE & IT.

In the valedictory function, Conference chair Ms.S.M.Uma delivered the conference report. Later certificates were distributed to the participants by Conference Chair Ms.S.M.Uma & Ms.T.Vigneswari and by Ms.K.Abhirami, Head/IQAC. Followed by Vote of Thanks was delivered by Dr.S.Kannan, AP/IT

Conference Chair

Principal

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