





DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

5.1.3 CAPABILITY ENRICHMENT PROGRAMME DETAILS









DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CAPABILITY ENRICHMENT PROGRAMME DETAILS

Name of the capability enhancement program	Date of implementat ion (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consu ltants involved with contact details (if any)	Website Link
		2020-		
E-Quiz	13.03.2021	89	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/events_report/ISTE%20Student%20Chapter%20- %20CSE%20- %20E%20QUIZ%20- %2013.3.21%20Report.pdf
Webinar on Web Development using PHP	20.09.2020	85	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/events_report/ISTE%20Student%20Chapter%20- %20Webinar%20(CSE)%202 0.9.2020%20Report.pdf
National Level Technical Symposium	3.10.2020	126		http://kingsengg.edu.in/ev ents_report/Report- %20Symposium-2020.pdf
Guest Lecture on "Machine Learning Techniques"	22.1.2021	40		http://kingsengg.edu.in/ev ents_report/CSE/22-01-21- Guest%20lecture%20IV%20 Yr-CSE.pdf
Guest Lecture on "Digital Marketing"	22.5.2021	40		http://kingsengg.edu.in/events_report/CSE/22-5-21-Guest%20lecture%20II&III-CSE.pdf
National conference on Recent Trends in Computing & communication Technologies for Smart Environment - NCRTCCTSE'21	13.3.2021	76		http://kingsengg.edu.in/events_report/CONFERENCE%20REPORT_CSE_13.03.2021.pdf

FDP on Design Thinking	20.7.2020 - 24.7.2020	129		http://kingsengg.edu.in/ev ents_report/FDP%20report _20.7.20%20-24.7.pdf
Webinar on "3D Animation using computer graphics"	19.12.2020	73	Multimedia Club	http://kingsengg.edu.in/ev ents_report/multimedia%2 Oclub%20webinar%20repor t.pdf
Orientation program on "Awareness about Curriculum and Academic Aspects"	22.1.2021	42		http://www.kingsengg.edu. in/events_report/CSE/Repo rt_22.1.21-orientation.pdf
Orientation program on "Outcome Based Education"	18.2.2021 & 19.2.2021	78		http://kingsengg.edu.in/ev ents_report/CSE_Orientati on_18-02-21.pdf
Bridge Course on "Introduction to Basic Unix Commands"	18.2.2021	40		http://kingsengg.edu.in/ev ents_report/Bridgecourse CSE_18-02-21.pdf
Bridge course on "Introduction to Mobile Application development Lab"	19.2.2021	38		http://kingsengg.edu.in/ev ents_report/Bridgecourse_ CSE_18-02-21.pdf
Webinar on Startups for IOT and AI	02.03.2021	133	Multimedia Club	http://kingsengg.edu.in/ev ents_report/cse%20Webin ar%20report- %202.3.21.pdf
Hands on Session in Identification of System Components	22.1.2021	42	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_22 .01.21_iiyear- converted.pdf
Webinar on "Current Trends in IT Industry"	20.2.2021	26	IEI Students Chapter	http://kingsengg.edu.in/ev ents report/Webinar Curr ent%20Trends%20in%20IT CSE 20.02.21.pdf
Technical Crossword	27.3.2021	21	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_27 .03.2021_crossword- converted.pdf

Debugging in C	27.3.2021	21	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_27 .03.21_debug- converted.pdf
Poster Presentation	31.3.2021	17	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_31 .03.2021_poster- converted.pdf
Code Writing	19.09.2020	17	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/report_codew riting_19.09.2020.pdf
Debugging in C	19.09.2020	27	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/report_debug _19.09.2020.pdf
		2019-	20	
Paper Presentation	08.02.2020	11	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/ev ents_report/ISTE_PAPER%2 OPRESENTATION_8-2- 2020.pdf
Cross word	17.7.2019	32	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/events_report/ISTE_CROSSWORD_17.7.19.pdf
Guest Lecture on "Counters in DPSD"	7.8.2019	36		http://kingsengg.edu.in/ev ents_report/Guest%20Lect urer_CSE_07.08.19.pdf
Guest Lecture on "Data Warehousing, Data Mining & Big Data"	12.9.2019	39		http://kingsengg.edu.in/ev ents_report/GuestLecturer _CSE_12.09.19.pdf
National Level Technical Symposium	29.8.2019	129		http://kingsengg.edu.in/ev ents_report/Symposium_C SE_29-8-19.pdf
Guest Lecture on "Oracle Architecture & ITIL Concepts"	13.1.2020	30		http://kingsengg.edu.in/ev ents_report/Guest%20Lect CSE_13.01.2020.pdf
National Conference on Emerging Trends in Computing, Control & communication Technologies - NCETCCT'20	13.3.2020	91		http://kingsengg.edu.in/ev ents_report/CSE/CONFERE NCE%20REPORT- NCETCCCT'20.pdf

Technical Quiz	09.09.19	35	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_te chquiz_09.09.19-
		Gnupter		converted.pdf
Basic Design Activity using Photoshop	11.01.2020	23	Multimedia Club	http://kingsengg.edu.in/events_report/Multimedia%20Club-Design%20event.pdf
Basic Web design activity	15.02.2020	30	Multimedia Club	http://kingsengg.edu.in/ev ents_report/CSE/web%20p age%20design.pdf
Resume Contest	28.02.2020	11	Multimedia Club	http://kingsengg.edu.in/ev ents_report/CSE/Resume% 20Contest.pdf
Mini Project Contest	07.03.2020	42		http://kingsengg.edu.in/ev ents_report/CSE/7-3- 20%20Mini%20Project%20 Expo%20Report.pdf
Hands on Training in System Assembly	20.12.2019	37	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/Report_Syste m%20Assembly%20Trng2 0-12-2019.pdf
Debugging in Python	07.02.2020	17	IEI Students Chapter	http://kingsengg.edu.in/ev ents report/IEI report de bug 07.02.2020.pdf
Technical Crossword	08.02.2020	28	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/IEI_report_cro ssword_08.02.2020.pdf
		2018-	19	
Shot Gun(Quiz)	30.01.2019	16	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/ev ents_report/CSE/30.01.201 9%20Quiz.pdf
Mono acting	28.07.2018	8	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/ev ents_report/ISTE_MONO% 20ACTING%2028.07.2018.p df
Orientation Program on "Curriculum Orientation and Career Opportunities"	02.07.18	39		http://kingsengg.edu.in/ev ents_report/Bridge_course _CSE_2018.pdf
Orientation Program on "Higher Studies"	02.07.18	39		http://kingsengg.edu.in/ev ents_report/Bridge_course _CSE_2018.pdf

Bridge course on "An introduction to HTML tags"	02.07.18	39		http://kingsengg.edu.in/ev ents_report/Bridge_course CSE_2018.pdf
Connection	14.07.18	20	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_co nnection_14.07.18- converted.pdf
Technical Quiz	11.08.18	12	IEI Students Chapter	http://kingsengg.edu.in/ev ents_report/CSE/report_te chquiz_11.08.18- converted.pdf
Guest Lecture on "Turing Machine in Theory of Computation"	23.8.2018	41		http://kingsengg.edu.in/events_report/Guest%20Lecture_25.08.2018%20-%20III%20yr%20CSE%20REPORT.pdf
Guest Lecture on "AVL Tree in Data Structures"	25.8.2018	49		http://kingsengg.edu.in/ev ents_report/Guest%20Lect ure_25.08.2018%20- %20II%20yr%20CSE%20REP ORT.pdf
National Level Technical Symposium	18.9.2018	119		http://kingsengg.edu.in/ev ents_report/CSE_symposiu m%20Report'18.pdf
National conference on Emerging Trends in Advanced Computing Technologies - NCETACT'19	15.3.2019	96		http://kingsengg.edu.in/ev ents_report/NCONCSER181 9.pdf
FDP on "Robotics & Automation"	22.2.2019 & 23.2.2019	20		http://kingsengg.edu.in/ev ents_report/RA1819.pdf
Guest Lecture on "compiler Design"	2.2.2019	39		http://kingsengg.edu.in/ev ents_report/WC%202.2.19. pdf
Bridge Course on "Unix Operating System"	19.12.18	46		http://kingsengg.edu.in/events_report/CSE/Bridge%2 OCourse_Android%20installation_19.12.18.pdf

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Bridge Course on "Android Installation"	19.12.18	31		http://kingsengg.edu.in/events report/CSE/Bridge%2 OCourse Android%20installation 19.12.18.pdf
Hands on training in System Assembly	29.01.19	17		http://kingsengg.edu.in/ev ents report/CSE/report 29 .01.19 iiyear- converted.pdf
Technical Connection	28.02.19	8		http://kingsengg.edu.in/ev ents_report/IEICSE03.pdf
Debugging in C	28.02.19	16		http://kingsengg.edu.in/ev ents_report/IEICSE03.pdf
Poster Presentation	21.03.19	55		http://kingsengg.edu.in/ev ents_report/CSPOSTER19.p df
		2017-	18	
Paper presentation	30.01.2018	8	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/ev ents_report/CSE/30.1.2018 _paper%20presentation%2 OISTE.pdf
Guest Lecture on "Theory of Computation"	14.7.2017	60		http://kingsengg.edu.in/ev ents report/GL Report 14 .07.2017.pdf
Guest Lecture on "Recent Trends in Computer Science & Technology"	4.8.2017	73		http://kingsengg.edu.in/ev ents_report/guest%20lectu re-CSE.pdf
Guest Lecture on "Compiler Design"	27.2.2018	58		http://kingsengg.edu.in/ev ents_report/CSE/Compiler %20design_27.2.18.pdf
Guest Lecture on "Operating System"	12.3.2018	42		http://kingsengg.edu.in/events_report/CSE/Operating%20System_12.3.2018.pdf
Anna University Sponsored seven days FDTP on "CS6660 - compiler Design"	11.12.2017 - 17.12.2017	27	Anna University	http://www.kingsengg.edu. in/events_report/CSE/11- 12- 2017%20Compiler%20FDP. pdf

Cube Game	27.07.2017	8	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/events_report/ISTE%20Student%20Activity_July%202017.pdf
National Level Technical Symposium	1.9.2017	105		http://kingsengg.edu.in/events_report/CISABZ'17.pdf
Orientation Program on "Teaching Learning Practices"	21.06.17	36		http://kingsengg.edu.in/events_report/CSE/Report_bridgecourse_orientation_21.6.17.pdf
Orientation Program on "Current Trends and Job Opportunities in IT industry"	21.06.17	36		http://kingsengg.edu.in/events report/CSE/Report bridgecourse orientation 21.6.17.pdf
Bridge Course on "An introduction to HTML languages"	21.06.17	42		http://kingsengg.edu.in/events report/CSE/Report bridgecourse orientation 21.6.17.pdf
Bridge Course on "An overview of J2EE Technologies"	21.06.17	27		http://kingsengg.edu.in/events_report/CSE/Report_bridgecourse_orientation_21.6.17.pdf
DEBUGGING IN C (CONTEST)	29.08.17	12	IEI Students Chapter	http://www.kingsengg.edu. in/events report/CSE/repo rt debug 29.08.17- converted.pdf
		2016-	17	
Monoacting	10.08.17	8	ISTE STUDENTS CHAPTER- TN217	http://kingsengg.edu.in/events_report/ISTE%20Student%20Activity_2_Aug%202017.pdf
Crossword	11.01.2017	34	ISTE STUDENTS CHAPTER- TN217	http://www.kingsengg.edu. in/events_report/CSE/11- 07- 2017%20Iste%20crossword .pdf
Thinkfinity (Drama)	30.07.2016	16	ISTE STUDENTS CHAPTER- TN217	http://www.kingsengg.edu. in/events_report/CSE/30- 7- 2016%20Iste%20thinkfinity .pdf

Puzzles	31.08.2016	32	ISTE STUDENTS CHAPTER- TN217	http://www.kingsengg.edu. in/events_report/CSE/31- 8-2016- Iste%20puzzle%20report.p df
Guest Lecture on "Grid Computing"	16.07.2016	62		http://kingsengg.edu.in/ev ents_report/CSE/Grid- Report_16.7.16- converted.pdf
Guest Lecture on "Cloud computing"	22.7.2016	101		http://kingsengg.edu.in/ev ents_report/CSE/Report_1 6.7.16-converted.pdf
Guest Lecture on "Computer Graphics"	25.7.2016	98		http://kingsengg.edu.in/ev ents_report/CSE/Graphics- %20report_25.7.16- converted.pdf
National Level Technical Symposium	16.9.2016	36		http://kingsengg.edu.in/ev ents_report/CSE/16-9- 2016-Report_Cisabz'16- CSE.pdf
National Conference On Innovations In Computing And Information Technology - NCICIT'16	27.12.2016	51		http://kingsengg.edu.in/ev ents_report/CSE/NCICIT'16 _conf_report.pdf
Guest Lecture on "Computer Networks"	30.1.2017	92		http://kingsengg.edu.in/events_report/CSE/computer%20networks-%20report_30.1.17.pdf
Guest Lecture on "Distributed Systems"	18.3.2017	52		http://kingsengg.edu.in/events_report/CSE/Distributed%20system-%20report_18.3.17.pdf







ISTE STUDENT CHAPTER [TN 217]

E-QUIZ REPORT

ISTE STUDENT CHAPTER [TN 217] organized online Technical Quiz on "Java and Python Programming" on 13.03.2021 (10.00am - 4.00pm) for Computer Science and Engineering students of our college. The quiz was conducted for 100 marks. It consists of 25 questions and 4 marks allotted to each question. Certificates were issued to the students those who had secured minimum of 40%.

There were 89 students participated in this Quiz. Out of 89 students, 71 students received certificates.

S. No.	Participants Details	Strength
1.	Total Number of Participants	89
	(II Year-30, III Year-24, IV Year-24, Others-11)	
2.	Total Number of Students Received Certificates	71

The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	III CSE	V.KEERTHANA T.ABURVANAYAKI
SECOND	III CSE	P.ABIRAMI J.GAYATHRI



E - QUIZ BROCHURE



CERTIFICATE – SAMPLE COPY







ISTE STUDENT CHAPTER [TN 217]

ACADEMIC YEAR 2020-21 (ODD SEMESTER)

WEBINAR REPORT

22.9.2020

A one day webinar titled "Web development using PHP" was organized by the ISTE Student Chapter [TN 217] through (Google meet) on 20.9.2020 from 11.00a.m. to 12.30p.m. to the students of Computer Science and Engineering department with an objective to offer a better understanding of web development, PHP, MySQL. Welcome address and resource person introduction were delivered by Mrs.T.Gnanajeya, Coordinator / ISTE Chapter. The session was handled by eminent resource person Dr.S.Rajkumar, Associate Professor, School of Computer Science and Engineering, VIT University, Chennai. The resource person explained the concept of Web development using PHP with demonstration in excellent manner. Totally 79 students were registered from II CSE, III CSE and IV CSE. About 85 participants including CSE department staff members actively participated in this session and gained knowledge in PHP. Vote of thanks was given by Mr.S.Rajarajan, AP/CSE and also he was the host of this webinar. After the session participants gave the feedback through feedback link. E-Certificates were issued to all the participants.

Webinar Highlights

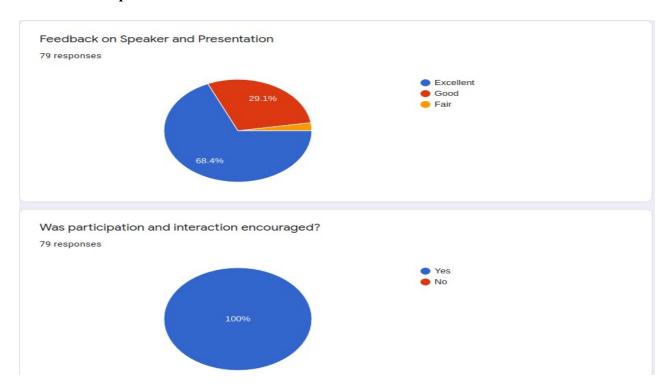


WEBINAR BROCHURE



SAMPLE CERTIFICATE

Feedback Sample









Report on

"National Level Technical E-Symposium"

CISABZ'20

Organized by,

Department of Computer Science Engineering, Kings College of Engineering.

Department of Computer Science Engineering Academic Year 2020-2021 (ODD Semester)

1. Name of the event: National Level Technical e-Symposium (CISABZ'20)

2. **Date & Session**: 03.10.2020 (FN & AN)

3. **Mode of the event:** Online.

4. **Level of the event :** National Level

5. Name of the Organizer: Mr.R.Sriramkumar, AP/Dept of CSE,

Mr.M.Arun, AP/ Dept of CSE.

6. **Organized for** : Computer Science students

7. **No. of Participants**: 126

8. Resource Person: Mr.Balakumar Kanagasabapathi,

Healthcare Innovation Head,

Tata Consultancy Services,

Chennai.

9. **Purpose:** To provide a platform for students to exhibit their technical, presentation skills, organizing skills.

The inaugural session of **CISABZ'20** was started with the welcome address by Dr.S.M.Uma, Head of the department. Mr.M.Arun, AP/CSE, introduced Mr.Balakumar Kanagasabapathi, Healthcare Innovation Head, TCS, Chennai. Students from 19 colleges participated in this event.

The chief guest highlighted the importance of IOT in medical industries and medicare units. Also shared the development of medical IOT applications with few examples. Quires are answered by guest at the end of the session.





College wise Participants:

S.No	Name of the college	Place	No.of Stud ents
1.	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY	SIVAKASI	1
2.	ADITHYA INSTITUTE OF TECHNOLOGY	COIMBATORE	1
3.	ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE	THIRUVARUR	12
4.	ARASU ENGINEERING COLLEGE	KUMBAKAONAM	7
5.	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	SATHAYAMANGALAM	2
6.	FRANCIS XAVIER ENGINEERING COLLEGE	THIRUNELVELI	2
7.	GOVERNMENT COLLEGE OF ENGINEERING	SENGIPATTI	12
8.	GOVERNMENT DEGREE COLLEGE	HYDERABAD	2
9.	IDHAYA COLLEGE FOR WOMEN	KUMBAKONAM	2
10.	JANSONS INSTITUTE OF TECHNOLOGY	COIMBATORE	2
11.	KALASALINGAM INSTITUTE OF TECHNOLOGY	SIVAKASI	1
12.	KINGS COLLEGE OF ENGINEERING	PUNALKULAM	64
13.	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	THOTTIYAM	5
14.	MANGAYARKARASI COLLEGE OF ENGINEERING	MADURAI	4
15.	MEENAKSHI CHANDRASEKARAN COLLEGE	PUTHUKKOTTAI	1
16.	NATIONAL INSTITUTE OF TECHNOLOGY	PUDUCHERRY	3
17.	NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY	NEW DELHI,	1
18.	PSG COLLEGE OF ARTS AND SCIENCE	COIMBATORE	2
19.	SHRI INDRA GANESAN INSTITUTE OF MEDICAL SCIENCE	TRICHY	1

Results

Technical Quiz:

S.No	Name	College Name	Prize
1.	FASILA AFREEN.J	KINGS COLLEGE OF ENGINEERING.	I
2.	ROHIT NARAYANAN	NATIONAL INSTITUTE OF TECHNOLOGY, PUDUCHERRY.	II
3.	DHANUSH S	BANNARI AMMAN INSTITUTE OF TECHNOLOGY.	II

Paper Presentation:

S.No	Name	College Name	Prize
1.	KAVIYALAKSHMI B. RUTH CAROLIN	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	I
2.	J.FASILA AFREEN	KINGS COLLEGE OF ENGINEERING	II
3.	LOGANATHAN.S	JANSONS INSTITUTE OF TECHNOLOGY	III

Poster Presentation:

S.No	Name	College Name	Prize
1.	SELVABHARATHI.S	KINGS COLLEGE OF ENGINEERING	I
2.	VANITHA.K	ARASU ENGINEERING COLLEGE	II
3.	DIVAKARAN.J	KINGS COLLEGE OF ENGINEERING	III



CERTIFICATE OF PARTICIPATION

This is to certify that

Loganathan.S

Jansons institute of technology

has participated in Paper Presentation event (National Level Technical E-symposium-CISABZ'20) organized by Department of Computer Science and Engineering, Kings College of Engineering, Punalkulam, Pudukkottai on 03-10-2020.

Title: Block chain technology

Mr.R.SriramKumar, M.Tech., Mr.M.Arun, M.E., Coordinator

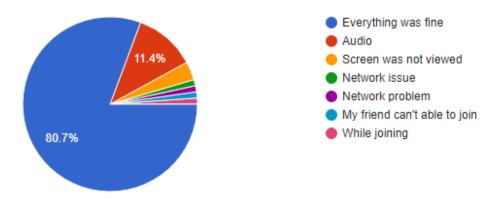
Dr.S.M.Uma, Ph.D., HOD/CSE

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

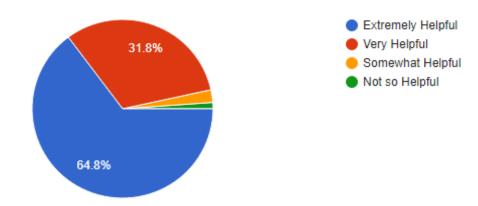
E-Certificate Id: G8UXL8-CE000009

Feedback:

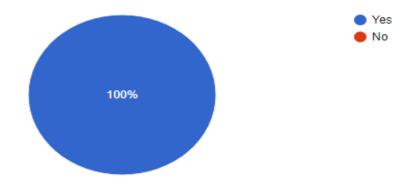
Did you face any technical issues during the webinar?



Experience gained by you by participating in this event was?



Are you interested to participate in our future events for students?









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.

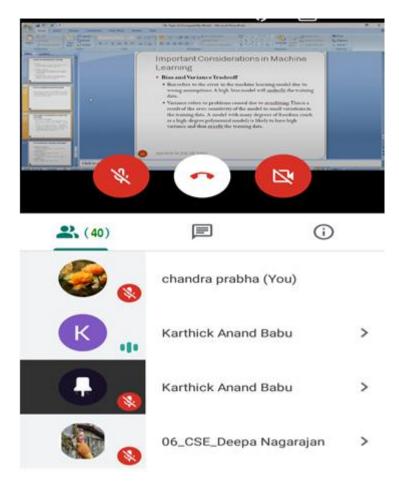
9. Event Photos : Refer Annexure - I

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.

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 2020 - 2021 / EVEN SEMESTER

REPORT

1. Name of the event : Guest Lecture on "Digital Marketing"

2. Date & Session : 22.05.2021 (11.00am – 12.00pm)

3. Venue : Google meet

4. Name of the Organizer : Mrs.G.Chandra Praba, AP/CSE

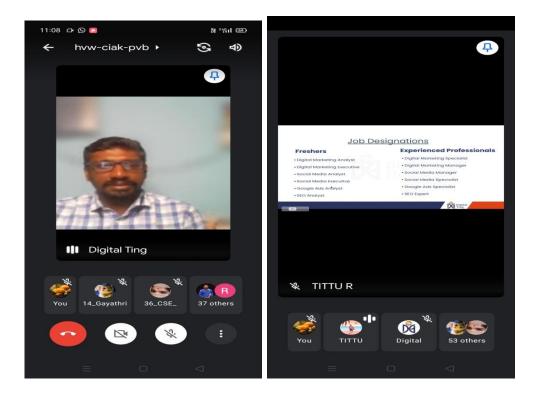
5. Resource Person : Mr.A.Karthik, Digital Marketer, Chennai.

6. Objective : To create an exposure to the students about the digital

marketing and the career opportunities in it.

Department of Computer Science and Engineering organized a guest lecture on "Digital Marketing" on May 22nd of 2021 with the objective of making the students exposed to the currently emerging business area and the career opportunities in it. Around 40 students from our department attended the session and got exposed to the digital marketing. The resource person Mr.A.Karthik, Digital Marketer and Founder of Digital Ting(Academy for digital marketing training) and his partner Mr.Tittu Raja elaborated the basics and the scope of the domain in future in a well organized manner. The session highlighted the following points:

- What is digital marketing?
- Components of digital marketing
- Digital Marketing Strategies
- Real world examples
- Career opportunities and the skills needed



A screenshot of Google Meet during the Guest Lecture on "Digital Marketing".

Feedback from Students

- Very informative.
- Very useful session.
- Good session.

Outcome:

The students make use of this guest lecture to know about the basics of digital marketing, the trending business domain, the knowledge of which can help them in their career.







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Academic Year 2020 - 2021 / EVEN SEMESTER

NATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING & COMMUNICATION TECHNOLOGIES FOR SMART ENVIRONMENT – NCRTCCTSE'21 REPORT

The Department of Computer Science & Engineering organized a National Conference on Recent Trends in Computing & Communication Technologies for Smart Environment on 13th March 2021. Due to Covid-19 pandemic situation, the conference was conducted in online mode.

OBJECTIVE OF THE CONFERENCE

The objective of the conference was to provide a platform for researchers and academicians to share and exchange ideas on various research topics in the fields such as Data Science, Internet of Things and Machine Learning.

THEME OF THE CONFERENCE

The development of technology grows exponentially fast in this era, especially with computing and communication technologies. The recent trends in fifth generation communication system encourage new technical insights for Information Technology industry to derive the transition towards next - generation. The advent of computing technology leads to provide smart environment to all. Smart environment has the ability to permit the users to avail and interact with the things surrounding them easily. Many researches today mainly focus on the deployment of sensors, materials used for making the sensors, communication between sensors and how to achieve the data security for the sensed data and transmission. Data Analytics, Social Isolation, Cyber security, Privacy aspects are important to build a smart environment. NCRTCCTSE'21 provided a platform to address research challenges in developing a smart environment and discussed about recent technologies available to overcome the challenges.

PREWORK OF THE CONFERENCE

Dr.S.M.Uma HOD / CSE assigned Ms.S.Puvaneswari and Mr.M.Arun AP/CSE as conference coordinator. They have got the approval from Principal and Secretary to organize the conference in online mode. After getting the approval, list of works identified and committee list and their responsibilities were prepared and circulated to staff members. To seek the fund from an external agency, a proposal had been submitted to UGC. Poster was designed and got approval from the HOD and the Principal. After getting the approval, poster and registration form (google form) were circulated to various engineering colleges through Whatsapp and mail.

We have received 34 papers from various engineering colleges in various domains. The papers were sent to the technical committee of our department and the originality of the paper was verified. 23 papers were scrutinized and intimated to the authors through mail. The authors were requested to submit camera ready copy of a paper to prepare the proceedings. The proceeding works were carried out by Mr.S.Rajarajan AP/CSE.

We had sent requisition mail to Ms.D.Cenitta AP/CSE, Manipal Institute of Technology, Karnataka to deliver keynote address on our conference. She readily accepted our invitation and acknowledged to deliver keynote address on "Machine Learning Techniques". She has the 15 years of teaching experience and guided many UG & PG projects in this domain.

ON THE DAY OF CONFERENCE (13.03.2021)

The conference was conducted through online mode. Conference Coordinators, Convener, Vice Principal, Chief Guest and staff members were joined through google meet link (http://meet.google.com/fbe-chnu-fdd). The inaugural function was streamed through our college Youtube channel (Kings College Of Engineering).

The inaugural function was started at 10.15 am. Ms.R.Suganthalakshmi AP/CSE welcomed the gathering. She invited Dr.S.M.Uma HOD/CSE to deliver welcome address. Dr.S.M.Uma HOD / CSE welcomed the Principal, Secretary, Vice Principal, Chief Guest , Staff members and participants from various engineering colleges. Ms.S.Puvaneswari AP /CSE, Conference coordinator described the objective of the conference. Dr.S.Sivakumar Vice Principal has given the felicitation address and also insisted the participants to make this conference effectively.

Mr.M.Arun AP/CSE, Conference Coordinator introduced the Chief Guest to audience. Mrs.D.Cenitta AP/CSE, MIT, Karnataka delivered the Keynote address in the topic of "Machine Learning Techniques". She illustrated the difference between Artificial Intelligence, Machine Learning and Deep Learning. She explained that how these techniques influenced the Data Science domain. She described how Deep Learning is used in auto mobile industries like Tesla, United States. She insisted the significance of computer vision in building a smart environment. She illustrated the process of handling medical data in data analytical domain. She concluded her keynote address by listing various types of software that supports smart environment.

At the end of inaugural function, Mr.M.Arun AP/CSE, Conference Coordinator thanked the management, Secretary, Principal, Vice Principal, Chief Guest, HOD, staff members and participants.

The technical session was started at 11.30 am. The schedule was circulated to the participants through mail. Dr.S.M.Uma, Dr.D.Sivakumar, Mr.S.Rajarajan, Ms.R.Suganthalakshmi and Ms.G.Chandra priya were act as a Jury. The participants were joined their corresponding jury member's google meet link. The Jury members had the evaluation sheet which contains the paper id, team members, paper title, college name and the evaluation criteria. The evaluation based on the presentation, concept and implementation and the answers given to the queries. Each team had 20 minutes (presentation – 15 minutes & query – 5 minutes) to present their papers. After the session, the evaluation sheet was collected from the juries.

POSTWORK OF THE CONFERENCE

The participants were asked to submit the feedback about conference. Certificates were distributed to the participants based on their active participation in the conference. Certificates and proceedings were sent through mail to the participants.

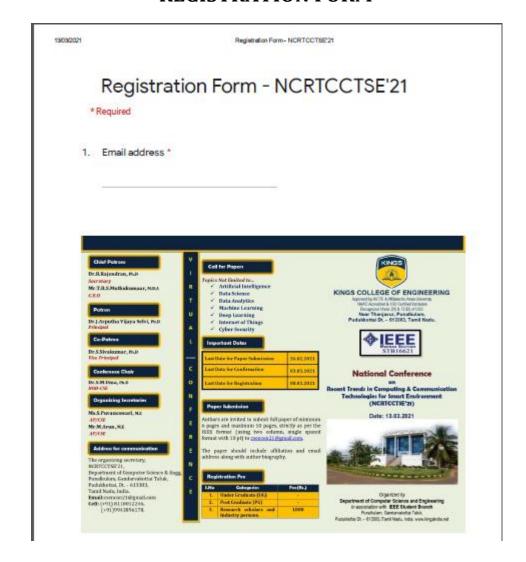
ANNEXURE - I

CONFERENCE POSTER



ANNEXURE - II

REGISTRATION FORM



ANNEXURE - III

PARTICIPANTS DETAILS – COLLEGEWISE SUMMARY

S.NO	COLLEGE NAME	BATCH COUNT	STUDENTS COUNT
1.	Anjalai Ammal Mahalingam Engineering College, Kovilvenni.	1	4
2.	EGS Pillay Engineering College, Nagappattinam	1	4
3.	Government College of Engineering, Thanjavur.	2	8
4.	Kings College of Engineering, Pudukkottai	2	9
5.	Kongunadu College of Engineering & Technology	2	9
6.	P.R.Engineering college, Thanjavur	11	23
7.	PRIST University, Thanjavur	2	10
8.	Roever Engineering College, Perambalur	2	9
	TOTAL	23	76

PARTICIPANTS LIST

Paper ID	Participant Details	College Name	Title
NCRTCCTSE'21- 001	G.Aishwarya, D.Chinduja, K.Devibala Mrs.J.Sathiya Jothi	Anjalai Ammal Mahalingam Engineering College	Customer Awareness Creation in Branding of Home Appliances Applying Insights of Machine Learning
NCRTCCTSE'21- 002	Dr.R.Manivannan S.Anbananthan Dr.S.Kannan Mr.K.Gunalan	EGS Pillay Engineering College	Enhanced Road Maintenance and Complaint System (ERMCS)
NCRTCCTSE'21- 003	Sakthivel M Dinesh N Mr.N.Karthikeyan	Government College of Engineering, Thanjavur	A NOVEL TECHNIQUE TO DETECT AND PREVENT SQL INJECTION ATTACKS USING BITAP STRING MATCHING ALGORITHM
NCRTCCTSE'21- 004	Shanmuganathi A Gayathri V Kowsalya G Deepika M Mr.K.Manoj kumar	Government College of Engineering, Thanjavur	Survey for analysing Sports Facilities in Educational Institution
NCRTCCTSE'21- 005	E. Gayathri J. Linda Carolyn A. Nancy Priya Mrs. S. Puvaneswari	Kings College of Engineering	Social networking application for KCE
NCRTCCTSE'21- 006	Shiny Roja Saradha Priya Pragathi Udhaya Ms.J.Chandra Priya	Kings College Of Engineering	Mental Health Care Application
NCRTCCTSE'21- 007	Sharmila r Nivetha r Vembu m Mr. T. Yuvaraja	Kongunadu college of engineering and technology	A Smart Heathcare Monitoring System using IoT
NCRTCCTSE'21- 008	Uma maheshwari.m Ms.R.BANUMATHI	P R Engineering College	Performance improvement in Cloud computing through dynamic task scheduling algorithm
NCRTCCTSE'21- 009	M. Susi K. Sarojini A. Uma Maheswari Mrs. S. Jancy Sickory Daisy	P. R Engineering college	Spammer Detection and Prevention on Social Network
NCRTCCTSE'21- 010	G. Vennila Ms.R.BANUMATHI	P. R. Engineering college	Fake profile identification using KNN
NCRTCCTSE'21- 011	S Kanmani Ms.R.BANUMATHI	P. R. Engineering college	Detection of Social Network Spam Based on Improved Extreme Learning Machine
NCRTCCTSE'21- 012	SIVAPRIYA .S Mr.Thulasiraman	P.R ENGINEERING COLLEGE	PERFOMANCE MODEL OF MAPREDUCE ITERATIVE APPLICATION FOR HYBRID CLOUD BURSTING

Paper ID	Participant Details	College Name	Title
NCRTCCTSE'21-	Tamilarivu.T	P.R.Engineering college	Modern Agricultural
013	Mrs. S. Jancy Sickory Daisy		Development System
NCRTCCTSE'21- 014	Rajalakshmi Ms.Latha	P.R.Engineering college	IT based bug tracking system
NCRTCCTSE'21- 015	Jayapriya.K Gayathri.S	P.R.Engineering College	RESPONSIBLE COMMUNICATE IN FAVOR OF SENSOR NETWORKS BY MOBILE SINK
NCRTCCTSE'21- 016	K.Nishma Ms.R.BANUMATHI	P.R.Enginerring collage	Increase productivity using quality management system
NCRTCCTSE'21- 017	Anjana devi.s Aparna.r Shri janahi.g Subashri.a Miss. GAYATHRI.K	PRIST UNIVERSITY,THANJAVUR	Anonymous Counting Problem in Trust Level Warning System for VANET.
NCRTCCTSE'21- 018	M.dhanushya S.manonmani R.sinega T.thiravida thendral PROF.DR.A.BAJULUNISHA	Roever Engineering College	Covid-19 prediction from CT-scan images using Deep Learning Algorithm
NCRTCCTSE'21-	V.Mohanraj	Kongunadu college of	Automatic Library
019	S.Mouleeshwaran A.R.Navin P.Prasath Dr.K.Amudha	engineering and technology	Management System using Text and Face recognition
NCRTCCTSE'21- 020	R.Manimekalai M.Nadhiya A.Seetha Mrs.A.Dhanamathi	Roever Engineering College	Scuttlebutt word analysis using Deep learning in social networks
NCRTCCTSE'21- 021	Z.Syed Thameem ashik K.Hariharan K.Kannan R.Kabilan Ms.R.Banumathi	PRIST UNIVERSITY,THANJAVUR	Client centric proxy re- Encryption for outsourced data in the cloud
NCRTCCTSE'21- 022	K.Kavya Ms.R.Banumathi	P.R.Engineering College, Thanjavur	Electronic File Tracking
NCRTCCTSE'21- 023	K.Pradeepa Ms.R.Banumathi	P.R.Engineering College, Thanjavur	SECURE SHARING OF INCOME TAX FILE USING CRYPTOGRAPHIC TECHNIQUE

ANNEXURE - IV

INVITATION



ANNEXURE - V

AGENDA







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2020-21 / Even Semester

National Level Conference on Recent Trends in Computing & Communication Technologies for Smart Environment -

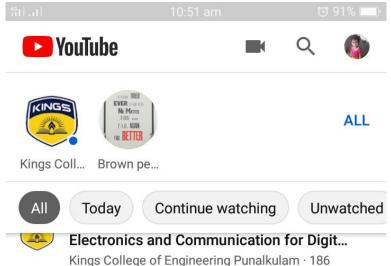
> NCRTCCTSE'21 on 13.03.2021

<u>Agenda</u>

10.05.a.m	Welcome address	Dr.S.M.Uma, HOD-CSE
10.10a.m	Overview of the conference	Mrs. S.Puvaneswari., AP/CSE
10.15.a.m	Presidential Address	Dr.S.Siva Kumar., Ph.D., Vice Principal.
10.30.a.m	Introduction to Chief Guest	Mr.M.Arun., AP/CSE
10.35a.m	Key Note Address	Mrs.D.Cenitta, Asso.Prof, Department of CSE, Manipal Institute of Technology, Manipal.
11.15.a.m	Vote of Thanks	Mr.M.Arun., AP/CSE

ANNEXURE - VI

YOUTUBE LINK



Kings College of Engineering Punalkulam · 186 views · Streamed 23 hours ago





National Conference on Recent Trends in Computing and Communication Techn...

Kings College of Engineering Punalkulam · 323 views · Streamed 4 days ago











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ANNEXURE - VII

SAMPLE CERTIFICATE









DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019-20 EVEN 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 were 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 Mrs.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: Feedback Details

Annexure IV: Sample Certificate

ANNEXURE I: WEBINAR BROCHURE





Approved by AICTE, New Delhi & Affiliated to Anna University Chennal
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 Provided

Last date for Registration: 19.07.2020

No Registration Fee.

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 Committee

For Queries, Contact : Cell: 9894250879

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

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

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

Faculties	Research Scholars	Total
106	23	129

ANNEXURE III: FEEDBACK DETAILS-SAMPLE RESPONSES

- Well organized
- Very informative and useful session
- Very useful session thanks for this opportunity
- Nice Presentation very informative and useful
- Provide these type of sessions helpful to everyone.
- Excellent session and well organized
- Participation and interaction were encouraged. The material covered was relevant to
 me. The content was organized and easy to follow. The materials distributed were
 helpful. This session experience will be useful in my work. The trainer was well
 prepared. Kindly share all the experts' speakers PPTs with everyone through email for
 reference.
- A highly informative and remarkable session
- Very informative sessions.. Thanq all, good organization team work
- This type of work should do again for sharing knowledge.
- Informative session....kindly share these kind of FDP and workshops in future also....
- This type of session should organised again
- It was knowledge centric experience.
- We want more such type of sessions in near future.

ANNEXURE IV: SAMPLE CERTIFICATE



20 th again of Academic freellence

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 District-613 303 Tamil Nadu, India, www.kingsindia.net

CERTIFICATE OF PARTICIPATION

This is to certify that Mr M.Arun,

Kings College of Engineering

has Participated in the Five Days FDP on "Design thinking" Organized by the Department of

Computer Science and Engineering, Kings College of Engineering from 20th to 24th July, 2020.

Certificate Id: HWVF4Q-CE000008

Coordinators Mrs.R.Ranitha, AP/CSE Mrs.S.Puvaneswari, AP/CSE Mr.R.Sriram kumar, AP/CSE

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

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

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







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2020-21 ODD SEMESTER CSE MULTIMEDIA CLUB WEBINAR REPORT

OUR ALUMNI OUR PRIDE

22.12.2020

A one day webinar titled "3D Animation using Computer Graphics" was organized by the CSE Multimedia Club through Google meet on 19.12.2020 from 11.00a.m. to 12.30p.m. to the students and staff of various Engineering Colleges around the nation with an objective to offer a better understanding of Computer Graphics, VFX and Movie Making . Welcome address and resource person introduction were delivered by Dr.S.M.Uma, HOD / CSE. The session was handled by eminent resource person G.Saravanan, CG Generalist and Senior Lighting Artist, Mirayi Studio, Malaysia. The resource person explained the concept of Computer Graphics using VFX with demonstration in excellent manner. Totally 84 participants registered from MCA,CSE, ECE and Computer Application Departments. About 73 participants including various other college staff members actively participated in this session and gained knowledge in 3D Animation. Vote of thanks was given by Mr.S.Rajarajan, AP/CSE and also he was the host of this webinar. After the session participants gave the feedback through feedback link. E-Certificates were issued to all the participants.

WEBINAR BROCHURE

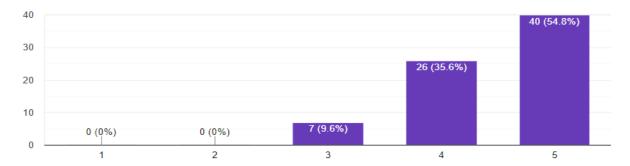




Feedback Sample

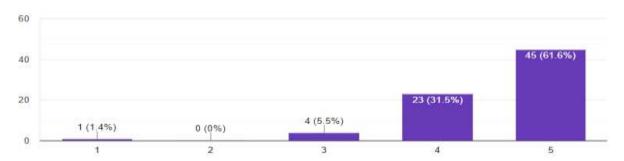
How relevant and helpful do you think it was for you.

73 responses



Is this Webinar useful in your work or studies

73 responses



Any other Comments?

73 responses

Good informative and impressive session

Nice session very useful for us. Create these kind of sessions through offline mode for final yr students. In offline this is more effective .

Thank You for arranging this wonderful session

It could provide to learn the challenge

Informative sessions

Good webinar

It's commendable. I deeply appreciate the pains and troubles you 've taken in organising such a significant session.... Thanks.

useful and informative

SUMMARY REPORT - Orientation Program

Department of CSE organized an orientation program for second year students (Batch: 2019–2023) on 22.01.2021. The major objective of the program was to make the students aware of the academic aspects of the course.

The Session Details are,

Session	Topic	Handled by
I	Academic aspects of Computer Science & Engineering	Dr.S.M.Uma, HOD / CSE
II	Importance of being a member in Professional Society	Ms.S.Puvaneswari AP / CSE
III	Guidelines to prepare for Online Anna University Exams	Dr.D.Sivakumar AP / CSE



Dr.S.M.Uma (HOD/CSE) delivered Academic aspects of CSE.



Ms.S.Puvaneswari AP / CSE had given the exposure about Professional Society



Dr.D.Sivakumar AP/CSE explained the patterns of Online Anna University Exam

Outcome of the Event:

- The students got an idea about the academic aspects
- The students will be enrolled in three professional societies (IEEE & ISTE & IEI)
- The students got an clear idea about Online Anna University Exam
- The students got motivated to do their University Exams effectively.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER

ORIENTATION REPORT

The Department of Computer Science & Engineering organized a orientation program for II Year (Batch: 2019 -2023) and III Year (Batch: 2018 -2022) students on 18.02.2021.

OBJECTIVE

The objective of the orientation program is to create awareness about course outcome, program outcome, the mapping between CO to PO and Program Specific Objectives (PSO), Program Eductational Objectives (PEO) of CSE department and the significance of Outcome based Education (OBE) and usage of Bloom's taxonomy in question paper setting and question bank preparation.

SESSION DETAILS

Ms.R.Suganthalakshmi, AP/CSE, handled the session for II year students. Ms.S.Puvaneswari,AP/CSE, handled the session for III Year students. In both sessions, CO,PO,PSO,and PEO of CSE department was explained. A sample subject was taken and how the course outcome of a subject was mapped to the program outcome was explained. The evaluation method of program outcome using the performance indicator was described. The usage of bloom's taxonomy and its importance were insisted to the students.

OUTCOME OF THE EVENT

At the end of session, the students should be able to,

- know CO,PO,PSO and PEO of CSE department
- realize the significance of course outcome
- understand the usage of Bloom's taxonomy
- achieve the PEO at the end of graduation
- improve the PO attainment analysis



Ms.R.Suganthalakshmi AP/CSE explained the importance of outcome based education to II Year students



Ms.S.Puvaneswari AP/CSE explained the CO to PO mapping of a subject



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER

BRIDGE COURSE REPORT

The Department of Computer Science & Engineering organized a bridge course for II Year (Batch: 2019 -2023) students on 18.02.2021 and for III Year (Batch: 2018 -2022) students on 19.02.2021.

OBJECTIVE

The objective of the course is to bridge the gap between students understanding and their knowledge. To equip the students knowledge, Basic Linux commands taken as bridge course for the second year students and MIT appinventor for the third year students.

COURSE MAPPING

In regulation 2017 syllabus, operating system subject and OS lab are found in fourth semester. Operating system lab deals with basic OS concepts which will be implemented in Linux environment. To understand the working environment of Linux, basic Linux commands should be known to the students. Thus the "Basic Linux commands" was taken as bridge course for II year students.

Similarly in regulation 2017 syllabus, mobile application development lab is in sixth semester. The students did not have any background knowledge on mobile application development software. To understand the mobile application development environment, MIT Appinventor software is used. Thus the "MIT Appinventor" was taken as bridge course for III year students.

SESSION DETAILS

Ms.K.Abhirami, AP/CSE, handled the session for II year students. She described each function of a Linux Commands and also explained the usage of function in a program. She executed the commands and the output was shown to students. Hands on training also provided to the students. The students executed the commands and the doubts were cleared by the staff and the students got benefited.

Ms.R.Suganthalakshmi, AP/CSE, handled the session for III Year students. She explained procedure to get into the software and basic features of "MIT Appinventor". She developed a project and demonstrated that project to the students. After the explanation, students individually created their own login to that application and tried to develop a sample project. The staff cleared the student's doubt during hands on session.

OUTCOME OF THE EVENT

At the end of session, the students would be able to,

- Understand the functions of Linux Commands
- understand the lab programs easily
- understand the concepts of OS
- develop the application using MIT appinventor
- develop mini project using MIT appinventor.



Ms.K.Abhirami AP/CSE explained the functionality of Linux Commands



Ms.R.Suganthalakshmi AP/CSE cleared the doubts







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-21 EVEN SEMESTER

KCE WEBINAR REPORT

3.03.2021

Department of CSE in association with Multimedia club conducted a webinar on "IOT and AI in Startups" for students and faculties of CSE through online mode (YouTube) on 2.03.2021, with an objective to offer a better understanding of Passion at workplace in startup industry. The session was handled by eminent resource person Mr.S.Ramesh, C.E.O., CIAR Software Solutions, Chennai .About 133 participants joined Webinar through Kings College YouTube channel. Participants from third year and final year students and cse department staff members actively participated in the session and gained inspiration on topic. The event was co-ordinated by Mr.S.Rajarajan AP/CSE, Ms.M.Arun 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.

The speaker of the session Mr.S.Ramesh presented the Keynote address on "Introduction to Data Science". He discussed the basic concepts used in the technology related with best suitable real world examples which are essential for understanding of the technology. He projected a clear understanding of the importance of IoT and AI problems in real world. He emphasized on business analytics career opportunities in India and global market and gaining practical mastery over application of IoT through a hands on project. Feedback was collected from participants using Google form.



Webinar Boucher

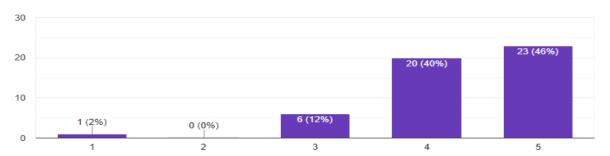


Mr.Ramesh Subramanian ,C.E.O, CIAR Software Solutions, Chennai delivered a speech on IoT and AI in Startups through YouTube.

The Sample details collected from the participants are as follows

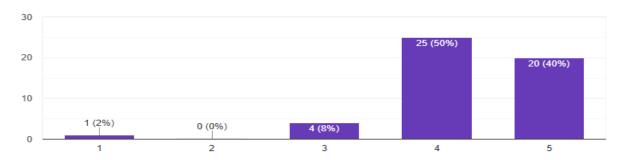
How relevant and helpful do you think it was for you.

50 responses



Is this Webinar useful in your work or studies

50 responses





REPORT ON IEI "Hands on Session in Identification of System Components" ON 22.01.2021

IEI Students Chapter and Department of CSE jointly organized "Hands on session in Identification of System Components" on 22.01.2021. IEI student members (II Year) had attended this session. The objective of this session was to gain the knowledge about the components used to assemble the system. It also generates the interest in Hardware domain among the students. The IEI members had the real time experience and also cleared their doubts during that session.

Resource Person Details:

Mr.S. Selvakumar, System Administrator Kings College of Engineering

Topics Covered in the session:

- Components of a CPU
- Functionalities of each component

Outcome of the Event:

- Gain the knowledge about system components
- Understand the usage of SMPS, Cooler fan
- Understand the basic concepts of Computer Architecture
- Create an interest towards Hardware & Network Engineering
- Able to assemble the CPU
- Able to fix a bug in CPU



Mr.S.Selvakumar demonstrates the assembly of a system.

REPORT ON IEI Webinar on "Current Trends in IT Industry" On 20.02.2021

IEI Students Chapter and Department of CSE jointly organized Webinar on "Current Trends in IT Industry" on 20.02.2021. Ms.S.Puvaneswari AP /CSE (IEI Coordinator) was the coordinator of this webinar. Due to Covid-19 pandemic situation, the webinar was conducted through online mode.

OBJECTIVE

The objective of this webinar is to explore various job opportunities available in IT industry and necessary skill set to attain a job.

RESOURCE PERSON DETAILS

Mr.M.Baranidharan, alumni of department of Computer Science & Engineering (batch 2014 -2018) was the resource person and currently he is working as a QA Associate at Expleo Solution, Chennai. He is having more than 2 years of Industry experience. He has the real time experience on open source technologies.

TOPICS DISCUSSED IN THE SESSION

The session was started at 10.15 am. The resource person, participants and coordinator were joined through google meet (https://meet.google.com/nbu-nsyr-syq).Dr.S.M.Uma HOD / CSE welcomed the resource person and participants. Ms.S.Puvaneswari AP/CSE introduced the resource person to participants. Mr.M.Baranidharan shared his presentation and discussed various roles of IT industry. He also described about basic skill set required to attain a job. He insisted that the students must have the awareness about fake interview calls while they are seeking for a job. He requested the HOD and management of KCE to create a portal for alumni students so that they can post any job offer to that portal which will be useful for their junior students. He asked the students to create mozila club in our institution and participate in various activities of that club which be held on various parts of our country. He showed his interest to take more webinar on open source technologies. He thanked the management and HOD for providing this opportunity to him. Vote of thanks was given by the coordinator and the session had ended well.

OUTCOME OF THE EVENT:

After attending the session, the students would be able to,

- Understand the nature of work in IT industry
- Have an idea about the work culture
- Identify their field of interest
- Prepare themselves for placement
- Classify the company based on product based or service based

Poster:





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



IEI Association

Webinar on "Current Trends in IT Industry"

Date: 20-02-2021

Saturday

Time: 10:30 a.m-12:00 p.m(IST)



Resource person
Mr.Baranitharan.M,
QA Associate,
Expleo Solutions,
Chennai

Organizing Committe

Mrs.S.Puvaneswari, AP/CSE Coordinator Dr.S.M.Uma, Ph.D., HOD/CSE Dr.J.Arputha Vijaya Selvi, Ph.D., Principal

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

REPORT ON IEI Technical Event on "Technical Crossword (Online Mode)" On 27.03.2021

IEI Students Chapter and Department of CSE jointly organized a technical event titled "Technical Crossword (Online Mode)" on 27.03.2021. Ms.S.Puvaneswari, (IEI Coordinator) was the coordinator of this event. Due to Covid-19 pandemic situation, the event was conducted through online mode. Totally 21 members of II year participated in this event.

OBJECTIVE

The objective of the event is to know the level of knowledge about computer & its programming aspects.

SESSION DETAILS

The intimation of event was circulated through II year whatsapp group. Google form consists of participant's mail id, name, rollno and crossword image was shared. Crossword image contains 15 puzzles and its clues. Event started at 3pm and closed at 3.30pm. Time duration was 30 minutes. The participants guessed the answer based on clues, typed the correct answer and submitted their answers. Winner of the event were awarded with E-certificate.

WINNERS DETAILS

First Place	J.Nandhini
Second Place	E.Ramakrishnan
Third Place	P.Deepika

OUTCOME OF THE EVENT:

After attending the event, the students would be able to,

- know their level of computer knowledge
- have an interest to participate various types of event in future

REPORT ON IEI Technical Event on "Debugging in C (Online Mode)" On 27.03.2021

IEI Students Chapter and Department of CSE jointly organized a technical event titled "Debugging in C (Online Mode)" on 27.03.2021. Ms.S.Puvaneswari AP /CSE (IEI Coordinator) was the coordinator of this event. Due to Covid-19 pandemic situation, the event was conducted through online mode. Totally 21 members of III year participated in this event.

OBJECTIVE

The objective of the event is to evaluate the knowledge on C programming language

REASON FOR CHOOSING 'C' LANGUAGE

"C" is the fundamental programming language. Industries require programmers those who are good in C. C does an excellent job of illustrating the underlying working principles of computers, scientific computing, and disciplined software development. Students gain valuable knowledge of such fundamental programming concepts as data types, internal data representations, operators, expressions, loops for repetitions, control structures, arrays, input and output, functions, debugging, etc. Once students learned C, it is easy for them to learn by themselves any other computer languages without much difficulty.

SESSION DETAILS

The intimation of event was circulated through III year whatsapp group. Google form consists of participant's mail id, name, rollno and 10 Multiple choice questions from "C". The questions covered the concepts of C such as pointers and operators and String concepts. Event started at 12pm and closed at 12.30pm. Time duration was 30 minutes. Contest aimed at testing the C debugging skills among the participants. Winner of the event were awarded with E-certificate.

WINNERS DETAILS

First Place	T.Selvarani
Second Place	R.Sarathkumar
Third Place	J.Gayathri

OUTCOME OF THE EVENT:

After attending the event, the students would be able to,

- know their level of programming knowledge in C
- make a try to develop their C programming skill
- Prepare themselves for placement

REPORT ON IEI Technical Event on "Poster Presentation(Online Mode)" On 31.03.2021

IEI Students Chapter and Department of CSE jointly organized a technical event titled "Poster Presentation (Online Mode)" on 31.03.2021. Ms.S.Puvaneswari, (IEI Coordinator) was the coordinator of this event. Due to Covid-19 pandemic situation, the event was conducted through online mode. Totally 17 members of IV year participated in this event.

OBJECTIVE

The objective of the event is to enhance their design skills.

SESSION DETAILS

The intimation of event was circulated through IV year whatsapp group. Students were instructed to prepare the poster based on their project titles. The poster consists of Title, Objective, Architecture diagram, Module description. Based on the presentation winners were selected.

WINNERS DETAILS

First Place	C.Supritha
Second Place	E.Pooja
Third Place	F.Shiny roja

OUTCOME OF THE EVENT:

After attending the event, the students would be able to,

- know their project's concepts in detailed
- enhance their design skills

IEI STUDENTS CHAPTER

REPORT ON "CODE WRITING" ON 19.09.2020

On behalf of the IEI Student Chapter of CSE, the Department organized "Code Writing" on 19th September 2020 through Google Meet . Totally 17 students from IV Year were participated. This event was conducted through online. Students were asked to create any small application program through any available online software. Students actively participated and submitted their application. It may give guidance to do their project work.

Winners List:

- 1. C.Supritha
- 2. J.Linda Carolyn
- 3. F.Shiny roja

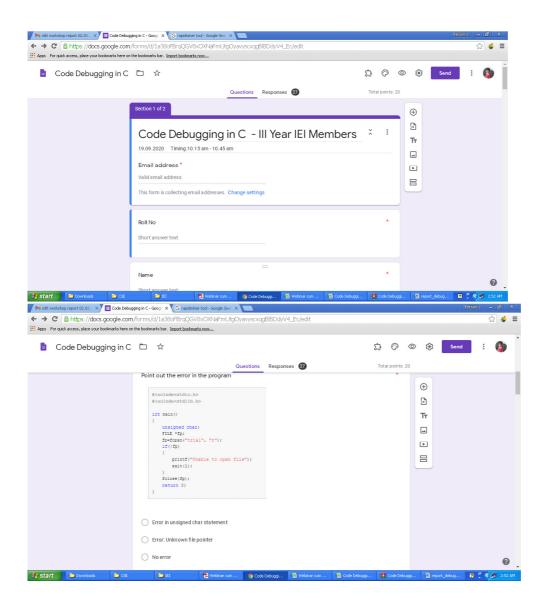
IEI STUDENTS CHAPTER

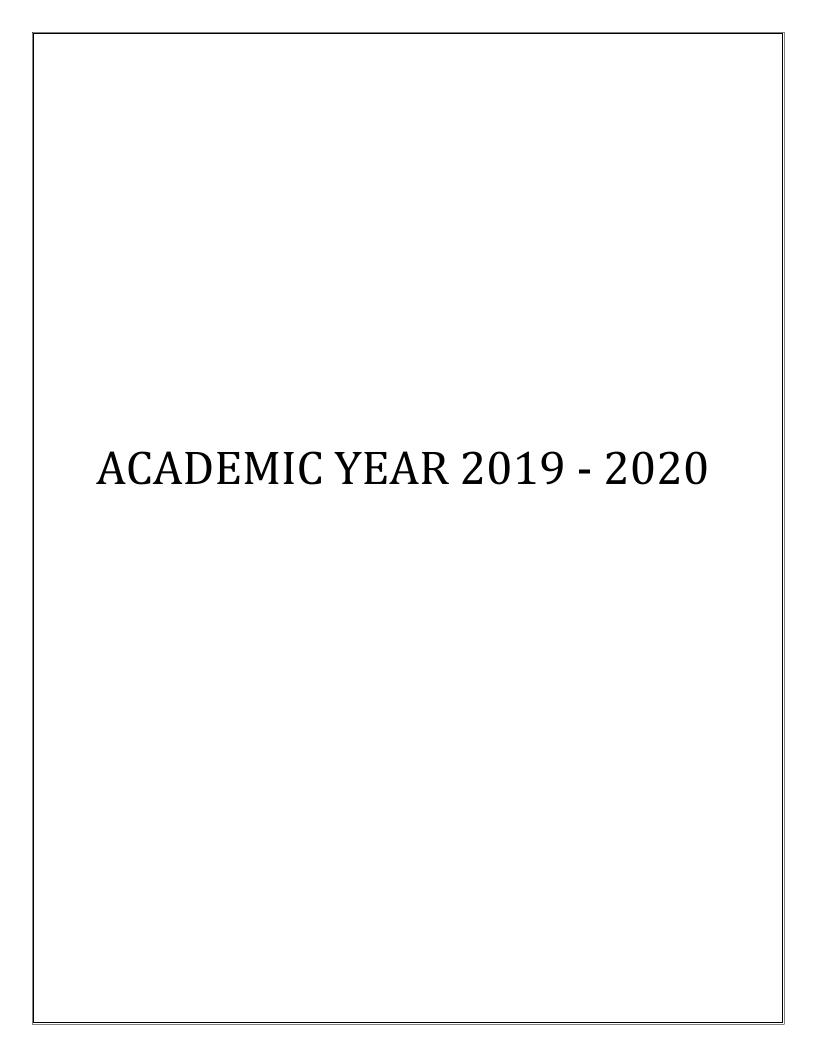
REPORT ON "DEBUGGING IN C" ON 19.09.2020

On behalf of the IEI Student Chapter of CSE, the Department organized "Debugging in C" on 19th September 2020 through Google Meet . Totally 27 students from III Year participated. This event was conducted through online. Questions were uploaded into google forms. The main objective of this event is to exhibit the student's technical skill. C is the most fundamental programming language. Totally 10 questions were taken from C and it covered the concepts of C such as looping, operators , functions and pointers. Time duration was 15 minutes.

Winners List:

Place	Winners
I	T.R.Dharshini & N.Abinaya
II	J.Gayathri & S.Vithyatharan
III	G.Divyabharathi & M.Kamalapriya & S.Pathmanaban











ISTE-STUDENT CHAPTER (TN 217) ACADEMIC YEAR 2019-20(EVEN) Paper Presentation Report

The ISTE Student Chapter, Kings College of Engineering, Organized a competition on Paper Presentation on the topics

- Cyber Security
- Cloud Computing
- Artificial Intelligence and Robotics
- Deep Learning

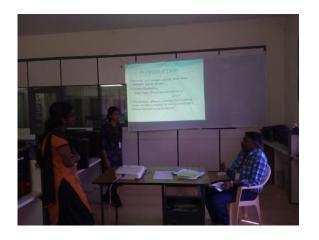
on 8.02.2020 between 1.15pm – 2.45pm at CSE Lab I for the ISTE student members of Computer Science and Engineering Department. 11 students have actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	III CSE	A.HAFEEZA
		A.GANGADEVI
SECOND	III CSE	E.JEEVITHA
		N.DEEPA
THIRD	III CSE	C.KARTHICKRAJA
		M.KANNAN
		S.SANTOSH KUMAR





Participant Actively Presenting the Paper





Juries at the session







ISTE STUDENT CHAPTER (TN 217) ACADEMIC YEAR 2019-20(ODD SEMESTER)

Crossword Report

The ISTE Student Chapter, Kings College of Engineering, organized a competition on Crossword on 17.7.19 between 1.15pm - 2.00pm for the ISTE student members of CSE Department. 32 students have actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	IV CSE	S.ARAVINDH
		K.THAYUMANAVAN
SECOND	IV CSE	R.VIDYADAR
		S.VIGNESH
THIRD	IV CSE	J.THOOYAVAN
		I.YAZHTHILIPAN

About the Event

The skill of effective problem solving is a valuable and important one. Crossword Puzzles teach students to use their own minds to figure out how to solve problems and think in a logical way.





Participants actively solving the crossword







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

Technical Event Report

✓ Name of the Event : Guest Lecture

✓ Date & Session : 07.08.2019 & 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 : Counters

✓ Organized for : II yr Students

✓ Number of Participants : 36

✓ Purpose : To give Lecture on Counters topic in Digital

Principles & system Design.

✓ Resource Person : Ms.G.Prathiba M.E (Ph.D)

Teaching Fellow, Department of ECE,

University College of Engineering,

Ariyalur.

SUMMARY REPORT - GUEST LECTURE

Guest lecture for this Academic Year (2019-20 odd sem) for II Year (Batch: 2018 – 2022) was organized by CSE department on 07.08.19. The major objective of the program was to make the students to know the academic aspects of the theory subject "Digital Principles & System Design" and provided an exposure about Counters. Ms.G.Prathiba M.E (Ph.D)/Teaching Fellow, Department of Electronics & Communication Engineering, University College of Engineering, Ariyalur delivered the lecture. The Topics covered was

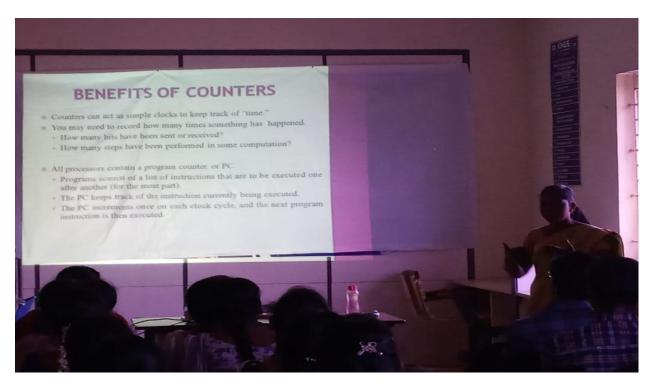
- ✓ Basics of Counters
- ✓ Synchronous counter.
- ✓ Asynchronous counter
- ✓ Up down counter
- ✓ Benefits of counters

Outcome

Upon completion of this guest lecture, students are able to understand the Basics and types of of counters in Digital Principles & System Design and also solved problems in their academic syllabus.







Ms.G.Prathiba M.E (Ph.D) gave lecture on Counters on 07.08.19







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

Technical Event Report

✓ Name of the Event : Guest Lecture

✓ Date & Session : 12.09.2019 & AN

✓ 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 : Counters

✓ Organized for : IV yr Students

✓ Number of Participants : 39

✓ Purpose : To give Lecture on Data Warehousing Data mining

and Big data

Resource Person : Dr.N.Suguna,

Assistant Professor, Department of CSE,

Government College of Engineering,

Sengippatti.

SUMMARY REPORT - GUEST LECTURE

Guest lecture for this Academic Year (2019-20 odd sem) for IV Year (Batch: 2016-2020) was organized by CSE department on 12.09.19. The major objective of the program was to make the students to know the subject "Data Warehousing Data mining & Big data" and provided an exposure about data mining techniques. Dr.N.Suguna, Assistant professor, Department of Computer Science & Engineering, Government College of Engineering, Sengippatti delivered the lecture. The Topics covered was

- ✓ Data mining basic concepts
- ✓ Classification Techniques
- ✓ Association Rules
- ✓ Data mining tools & applications

<u>Outcome</u>

Upon completion of this guest lecture, students are able to understand the basic concepts in Data mining, evaluate & implement a wide range of emerging & newly adopted methodologies and technologies to facilitate the knowledge discovery .





Dr.N.Suguna, AP/CSE, GCE Sengippatti gave lecture on Data mining concepts on 12.09.19







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2019 - 2020 / ODD SEMESTER CISABZ '19

TECHNICAL EVENT REPORT

1. Name of the event : National Level Technical Symposium (CISABZ'19)

2. Date & Session : 29.8.19 (FN & AN)

3. Venue : Chera Hall, Kings College of Engineering

4. Level of the event : National Level

5. Name of the Organizer : Mr.R.Sriramkumar, AP, Dept of CSE

Mrs.G.Chandra Praba, AP, Dept of CSE

6. Organized for : Computer Science students

7. No.of Participants : 129

8. Resource Person : Mr.J.Keerthi Prasad, Project Manager, Hindhuja Global

Solutions, Chennai

9. Purpose : To provide a platform for students to exhibit their

technical, presentation skills, organizing skills inviting students from other engineering colleges.

10. Event Photos



On Stage (From left to right)Dr.S.Sivakumar, Vice-Principal, KCE, Mr.J.Keerthi Prasad, Project Manager, Hindhuja Global Solutions, Chennai, Dr.R.Rajendran, Secretary, KCE, Dr.N.Raju, Asso.Prof, Sastra University, Dr.T.Anitha Jones Mary, Prof, Karunya University, Dr. J.Arputha Vijaya Selvi, Principal,KCE.



Honoring the Chief Guest



Presidential Address by Dr.R.Rajendran, Secretary, Kings College of Engineering



Souvenir release by Chief Guest



Introduction to Chief Guest by Mr.R.Sriramkumar, Symposium Coordinator, AP/CSE.



Inaugural Address by Chief Guest Mr.J.Keerthi Prasad, Project Manager, HGS, Chennai.



Felicitation Address by Dr.J.Arputha Vijaya Selvi, Principal, Kings College of Engineering.



A View of Student Participants and staffs







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

Technical Event Report

✓ Name of the Event : Guest Lecture

✓ Date & Session : 13.01.2020 & 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 : Oracle Architecture and the ITIL Concepts

✓ Organized for : II yr Students

✓ Number of Participants : 30

✓ Purpose : To give a Lecture on Oracle Architecture and the

ITIL Concepts.

✓ Resource Person : Mr.K.Sathish Raj,

Oracle Database Admin, IBM India Private Limited,

Chennai.

SUMMARY REPORT - GUEST LECTURE

Guest lecture for this Academic Year (2019-2020 Even sem) for II Year (Batch: 2018 – 2022) was organized by CSE department on 13.01.2020. The major objective of the program was to make the students to know about "Oracle Architecture and the ITIL Concepts" and to provide an exposure on ITIL concepts. Mr.K.Sathish Raj, Oracle Database Admin,IBM India Private Limited,Chennai delivered the lecture.

The Topics covered were

- ✓ What is IT?
- ✓ Oracle DB introduction
- ✓ What is ITIL?
- ✓ What is required now?

<u>Outcome</u>

Upon completion of this guest lecture, students were able to understand the basic Oracle architecture and knew about how the set of best-practice processes were integrated for delivering IT services to customers.



Mr.K.Sathish Raj, Oracle Database Admin,IBM India Private Limited,Chennai, gave lecture on Oracle Architecture & ITIL Concepts on 13.01.2020







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Academic Year 2019-20 / EVEN SEMESTER

NCETCCCT'20 REPORT

The Department of Computer Science & Engineering organized a National Conference on Emerging Trends in Computing, Control and Communication Technology on 13th March 2020. Our conference has provided a platform for researchers and academicians to share and exchange ideas on the various research topics in the fields such as Cloud Computing, Neural Network, Data Science, Natural Language Processing, Robotics, Cyber Security, Internet of Things, Machine Learning. The conference had sessions with expert's key note addresses and interactive discussions. Total number of participants who has sent their willingness through mail to attend the conference was 120. Among them, 91 participants from various Universities and institution have been selected to register and present papers in the conference.

The experts and the resource person were invited who have sound knowledge in the field of Emerging Trends in computing and communication Technologies are, Dr. ARUN K. MAJUMDAR, U.S. Department of the Navy (Ret), Full Professor, Electrical Engineering and Computer Science Dept. University of Colorado, USA has addressed with their key note speaker to the academicians and researchers during the sessions.



RECEPTION AND REGISTRATION

The registration and Reception began from 9:15 a.m. onwards on the day.

On day of the conference total 91 participants were registered including participants from the various institution and University. All registered participants received the Kit



Proceedings of the conference was released from right to left Dr.S.Sivakumar, Vice Principal, Dr.S.M.Uma, Dept of CSE, Dr.R.Rajendran, Secretary, Dr.A.Albert Martin Ruban, Dept of EEE, Dr. Arun K. Majumdar U.S. Department of Navy(Ret) (Sr. Scientist/PI) Full Professor, Electrical Engineeering and Computer Science Dept, University of Colorado, USA,Dr .J.Arputha Vijay Selvi, Principal

After the Inaugural Address, our honorable Guest Dr. Arun K.Majumdar has released the proceedings of the **National Conference on Emerging Trends in Computing, Control and Communication Technology** and the first Hard copy as well as softcopy was received by the Dr.J.Arputha Vijaya Selvi, Principal.

TECHNICAL SESSION

Session1: Paper Presentation (CSE Lab –I)

Session2: Paper Presentation (CSE Lab – II)

The paper presentation session was divided into two tracks. Two tracks ran parallel where the experts and scholars presented their views on different topics pertaining to themes of NCETCCCT'20. The details of paper presentation are enclosed in the annexure section of this report. Key-note lecture, expert talks and paper presentation sessions justified the themes of conference. This conference proved its existence in contributing knowledge in the domain of Computing, Control and Communication Technology.



Students presenting the paper

VALEDICTORY FUNCTION

After the paper presentation session, the valedictory function was organized in Chera hall of K.C.E. Dr.S.M.Uma HOD/CSE, Prof .N.Mangaiyarkarasi, Dr.A.Albert Martin Ruban, Dr.S.Sivakumar, Dr. Arun K.Majumdar and all other committee members of NCEACT'19 were present on the hall.

Dr.S.M.Uma HOD/CSE, delivered the Conference Report and Chief Guest distributed the certificate to all participants and Prof.N.Mangayarkarasi delivered the valedictory address respectively.



Dr.S.M.Uma, the Programme Chair delivered conference Report. The function ended with national anthem.

PARTICIPANTS DETAILS

S.NO	COLLEGE NAME	BATCH COUNT	STUDENTS COUNT
1.	Anjalai Ammal Mahalingam Engineering College, Kovilvenni.	16	53
2.	A.V.C college of Engineering Mannampandal	04	12
3.	St Joseph's College of Engg & Technology, Thanjavur	04	13
4.	University college of engineering, pattukkottai	03	06
5.	Kings College of Engineering, Punalkulam.	03	04
6.	Annai College of Engineering and Technology, Kumbakonam	01	03
	TOTAL	31	91

Totally 31 batches and 91 students was participated and presented their paper in National Conference on Emerging Trends in Computing, Control and Communication Technology – NCETCCCT'20.

IEI STUDENTS CHAPTER

REPORT ON "TECHNICAL QUIZ" ON 09.09.19

On behalf of the IEI Student Chapter of CSE, the Department organized "Technical Quiz" on 9th September 2019 at **CSE LAB-II**. Totally 19 teams from II Year were participated. This event was conducted to exhibit the student's technical knowledge. Totally 10 questions were taken from basic concepts of computer and also covered the concepts of C & Java. Time duration was 20 minutes. Kahoot Software is used to implement the quiz.

Winners List:

- 1. G.Divyabharathi & T.Selvarani
- 2. E.Hariharan & T.Rathnakumar







Department of Computer Science Engineering Academic Year 2019-2020 (Even Semester)

Event: 01 Report

Name of the Event : Certificate Design Competition

Name of the Dept : CSE-Multimedia Club

Number of Beneficiaries/Participants: II- CSE
Name of the Faculty Incharge : M.Arun

Date : 11-01-2020

Photos:



View of Design Competition





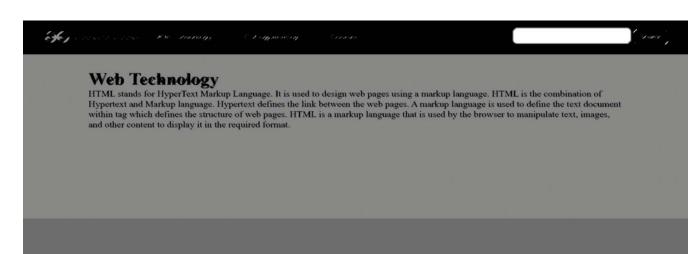


Department of Computer Science Engineering Academic Year 2019-2020 (Even Semester) Web Design Activity Report Date:16.02.2020

Multimedia Club conducted basic Wed Design Activity for III CSE and IV CSE students members in CSE Lab. During the event students were designed web pages using macromedia dreamweaver. At the end of the events students were able to enhance their designing skills and creativity.



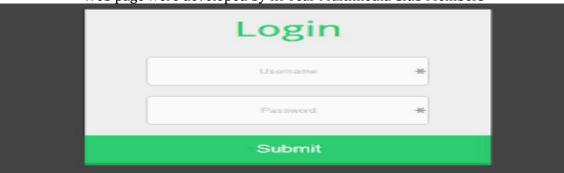
College kings @ media Web page were developed by Multimedia Club Members



C Programming

C is a procedural programming language. It was initially developed by Dennis Ritchie as a system programming language to write operating system. The main features of C language include low-level access to memory, simple set of keywords, and clean style, these

Web page were developed by III Year Multimedia Club Members



Web page were developed by IV Year Multimedia Club Members



Multimedia Club Member working with dreamweaver and creating Web page design







Department of Computer Science Engineering Academic Year 2019-2020 (Even Semester)

Resume Contest Report Date:28.02.2020

Multimedia Club members organized intra college level resume contest. During the event 30 students were participated and created innovative resume sample using Ms Word and online resume editor. At the end of the events students were able to enhance their knowledge in multimedia and students can take part in any on - campus and off - campus placement drive .

Winners Name List

S.No	Student Name	Category
1	E.Ilankhatir	First Place
2	Vijay Venkadesan	Runner
3	M.Megala	Runner

Guest Communication

Hi Arun.

I have reviewed all the resumes you sent.

I considered a good content resume, attached are the resumes with good content and they delivered the stuff needed for the industry .

Winner; llankhatir, Resume 1 is the Winner, his resume is really good with contents but please ask him change the pdf name, because its first thing recruiters will notice

Runner: Megala and Vijay Venkatesh

Ask other participants to add as many information as they can within 2 page,

- It should include basic personal information for contact purpose,
- How much exposure they have with the industry (conference, journal publications, internship, certifications)
- Resume should also talk about the technical knowledge they know(eg: ML,AI, IoT, Blockchain and many other and also one computer language (eg: Java, python))
- python))

 Final thing is the pdf name, it should be specific/clear. Eg: Name_Fresher_Profile,
 Name_(give your specialization in what domain your trying)_Profile,
 Name_(AI,ML)_Profile

Thanks,

Medona

The information contained in this message is proprietary and/or confidential. If you are not the intended recipient, please: (i) delete the message and all copies: (ii) do not disclose, distribute or use the message in any manner; and (iii) notify the sender immediately. In addition, please be aware that any message addressed to our domain is subject to archiving and review by persons other than the intended recipient. Thank you.





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-21 / ODD SEMESTER

REPORT ON INTERNAL SEMINAR ON PREREQUISITES TO CORPORATE JOB

1. Type of the Event :Mini Project Presentation

2. Name of the Event : Mini Project Expo-M'20

3. Purpose : To create the awareness about the software

development.

4. Date :04-03-2020

5. Level of the Event :Department Level

6. Organizer(s) :Multimedia Club and Coding Club

7. Target Group :III CSE Students

8. Number of Participants :42

9. Outcome exposed : Different domain based mini project are

exposed and to get the awareness about final

year project.

Summary:

- All the third year students were actively participated in this mini project expo M-20.
- Students were demonstrated their project in different domains and exhibited to jury members and juniors during the expo.
- Many advanced concepts based mini projects were done by the students. Dr.D.Siva
 Kumar AP/CSE and Mr.Sriram Kumar AP/CSE are acted as jury.



Mini Project Explained by batch Student Tharik Salmon and team



Mini Project Explained by Student Pooja and and her team.





View of Sincere Explanation by Students

Results:

Batch	Name	Prize	
Batch-1	Tharick Salmon.B	Ţ	
	Gokul raj.A	1	
Batch-12	Vasudevan.R	II	
	Vimal Raj.S	11	
Batch-10	Abhimanyu.S		
	Anbarasan.R	III	
	Dhinikaran.S		
	Poncharan.V		

Feed back:

торіс	EXCELLENT (%)	GOOD (%)	SATISFACTORY (%)
Usefulness of the Event	85	20	5
Arrangements of the events.	77	22	1
Knowledge gaining through this Mini Project expo-M'20	87	10	3
Overall Quality of the Event	79	16	5

REPORT ON IEI "Hands on Training in System Assembly" ON 20.12.19

IEI Students Chapter and Department of CSE jointly organized "Hands on training in System Assembly" on 20.12.19. IEI student 37 members (II Year) had attended this training. The objective of this training was to gain the knowledge in the area of system assembly which will be helpful to understand the subject. The IEI members had the real time experience and also cleared their doubts during that session.

Resource Person Details:

Mr.Selvakumar, Technical Assistant, Kings College of Engineering

Topics Covered in the workshop:

• Identification of components and its functionalities



Mr.Selvakumar demonstrates the assembly of a system.

IEI STUDENTS CHAPTER

REPORT ON "DEBUGGING IN Python" ON 07.02.2020

- On behalf of the IEI Student Chapter of CSE, the Department organized "Debugging in Python" on 07th February 2020 at **CSE LAB-II**.
- Totally 7 teams from III Year students were participated. This event was conducted to exhibit the student's technical skill.
- Python is the fundamental programming language. Totally 10 questions were taken from Python and it covered the concepts of Python such as looping and operators and functions. Time duration was 15 minutes.
- The participants debugged the program by manually. The answer sheets were evaluated internally.

Winners List:

- 1. B. Vignesh & S. Dhinakaran, P. Shalini
- 2. E.Pooja & C.Supritha
- 3. J.Linda Carolyn & F.Shiny roja, Priyadharshini & Thulasi



Participants from III Year were debugged the program.

IEI STUDENTS CHAPTER

REPORT ON "TECHNICAL CROSSWORD" ON 08.02.2020

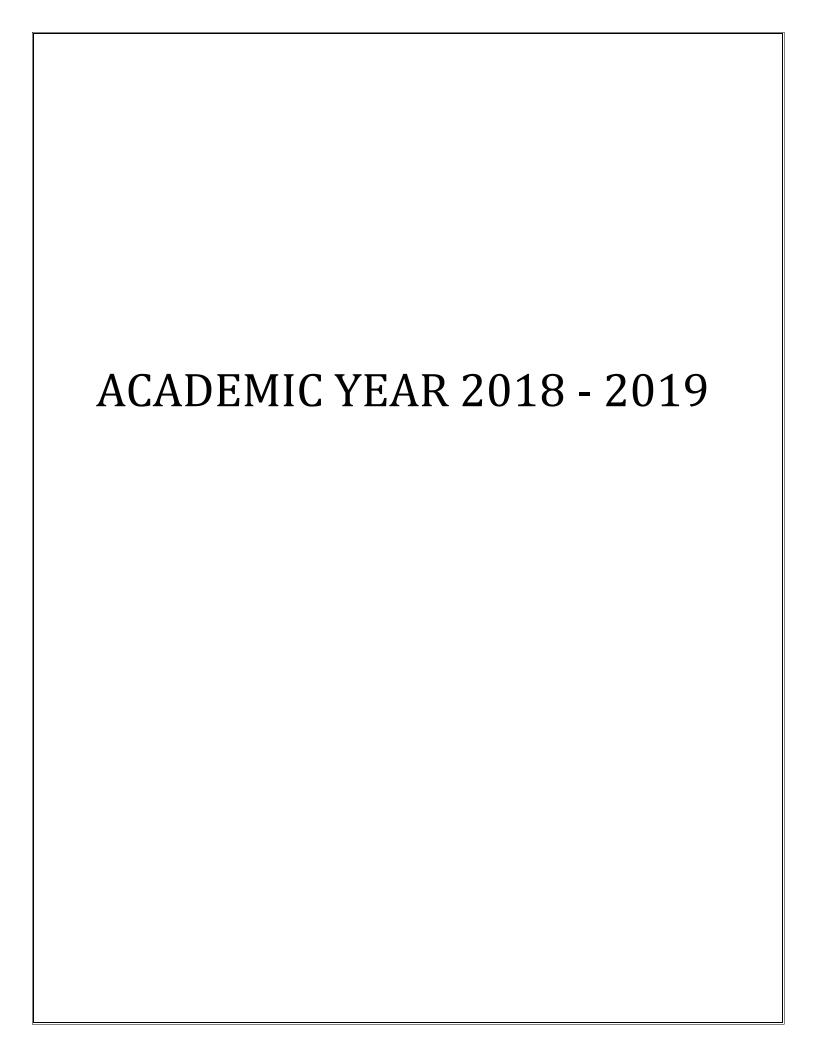
- On behalf of the IEI Student Chapter of CSE, the Department organized "Technical Crossword" on 8th February 2020 at Room No. 222.
- Totally 14 teams from II Year students were participated. This event was conducted to exhibit the student's thinking skill. Totally 11 puzzles were. Each team has to record their answers. The answer sheets were evaluated internally.

Winners List:

- 1. T.Selvarani, K.Aishwarya & T.R.Dharshini & J.Gayathri
- 2. E.Hariharan, T.Rathnakumar
- 3. S.Nandhakishore,B.Gunaseelan & S.Vithyatharan, R.Sarathkumar & T.Aburvanayaki, V.Keerthana



Participants from II Year were discussed about the answer.









ISTE STUDENT CHAPTER (TN 217) ACADEMIC YEAR 2018-19(EVEN SEMESTER)

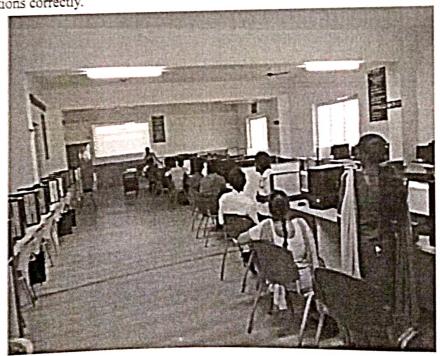
Quiz Competition Report

The ISTE Student Chapter, Kings College of Engineering, organized a Quiz Competition on 30.01.19 between 1.10pm - 2.00pm for the ISTE student members of CSE Department. 16 students have actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT	
FIRST	II CSE	M.KANNAN	
		S.SANTOSHKUMAR	
SECOND	II CSE	A.GOKULRAJ	
		S.VIMALRAJ	
THIRD	II CSE	V.GOPALAKRISHNAN	
		A.VINOTH	

About the Event

A quiz is a form of game or mind sport in which the players (as individuals or in teams) attempt to answer questions correctly.



Participants at the session

Coordinator/ISTE Chapter

PRINCIPAL







ISTE STUDENT CHAPTER (TN 217) ACADEMIC YEAR 2018-19(ODD SEMESTER)

Monoacting Report

The ISTE Student Chapter, Kings College of Engineering, organized a competition on Monoacting on 28.07.2018 between 03.40 p.m. - 04.40 p.m. for the ISTE student members of CSE Department. Eight students actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	III CSE	S.VIGNESH
LIKSI		J.THOOYAVAN
CECOND	IV CSE	S.SUGAPRIYA
SECOND		M.ELAKKIYA
THIDD) III CSE	S.ARAVIND
THIRD		R.VIDYATHAR

About the Event

Mono acting is a very interesting art form which involves both acting as well as intelligence. It refers to a single student playing multiple actions.





Participants actively in Monoacting Competition







SUMMARY REPORT - Orientation Program

Orientation program for this Academic Year (2018-19) for II Year (Batch: 2017 – 2021) was organized by CSE department on 02.07.18. The first session dealt with the academic aspects of the course and provided information about teaching learning practices followed by the department. The second session briefed about the PG course details which will be taken after completing their UG course. Two Internal faculty members were delivered their views to the students.



Ms.K.Abhirami (IQAC Head) delivered Teaching Learning Practices followed by CSE Department.



Mr.S.Rajarajan AP / CSE had given the exposure about PG programmes

SUMMARY REPORT - Introductory Class

To enrich the knowledge of the students and make them to strong in technical skill, Introductory class is used. The main objective of this class is to provide a platform to the students to understand their academic subjects.

Web services and its relevant programs are essential in this moment. HTML is the basic Markup language which is used to develop web service program. To meet up the current requirements the third year students had an experience in "An Introduction to HTML Tags" which was handled by Ms.G.Chandraprabha, AP/CSE. In the first session, basic concepts and syntax of HTML was explained and followed by hands on training was conducted.



Ms.G.Chandraprabha AP/ CSE explained various tags used in HTML language and the students were executed the tags

COURSE OUTCOME

Upon completion of this class, students should be able to:

- Understand the basic concepts behind web page creation
- Do their lab classes in an effective manner.
- May use the concepts to create layout for department activities

IEI STUDENTS CHAPTER

REPORT ON "CONNECTION" ON 14.07.18

On behalf of the IEI Students Chapter of CSE organized "Connection" event on 14.07.18 at **CSE LAB-II.** Totally 10 teams from III Year students were participated. This event was conducted to exhibit the student's technical skill. In this event, powerpoint presentation method was used to show the pictures.

Winners List:

- 1. K.Karthika & S.Nandhini– III CSE
- 2. M.Haritha & K.Nathiya- III CSE
- 3. M.S.Rakshnah begum & V.Saranya III CSE





Participants requested to stand in front of the screen and asked to answer the question and remaining teams discussed with their team members

IEI STUDENTS CHAPTER

REPORT ON "TECHNICAL QUIZ" ON 11.08.18

On behalf of the IEI Students Chapter of CSE organized "Technical Quiz" event on 11.08.18 at **CSE LAB-II.** Totally 6 teams from IV Year students were participated. In this event, it covered major domains of Computer Science Syllabus. The areas are,

- Computer Fundamentals
- Opearting System
- Database System
- Networking
- Programming in C++

Totally 25 Questions were asked. MCQ and paper work methods were followed.

Winners List:

- 1. J.D.Festus Deva Priyan & D.Santhoshram
- 2. C.Dhivyabharathi & M.Pragadeshwari
- 3. M.Aarthy& G.Samaya



Participants discussed with their team members







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

REPORT - GUEST LECTURE

Guest lecture was organized by CSE department for III Year students on 23.08.2018. The major objective of the program was to make the students to know the academic aspects of the theory subject "Theory of computation" and provide an exposure about advanced topics. Mr. K. S. Guruprakash, Assistant Professor/CSE, School of Computing, VEL TECH Rangarajan Dr. Sagunthala R&D institute of science and technology, Avadi, Chennai delivered lecture.

The Topics covered are:

- ✓ Overview Theory of computation
- ✓ Turing Machine
- ✓ Finite Automata
- ✓ Discriminate Finite Automata
- ✓ Solved problems as example

Outcome

Upon completion of this guest lecture, students are able to understand the Basics of Theory of computation, solved problems in their academic syllabus







K.S.Guruprakash M.E (Ph.D) AP / CSE delivering lecture on Theory of Computation







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

REPORT - GUEST LECTURE

A guest lecture was organized by CSE department on 25.08.18 for II Year students. The major objective of the program was to make the students to know the academic aspects of the theory subject "Data Structures" Dr.S.Senthil kumar, Associate Professor/CSE, UCE, Pattukkottai. Delivered a lecture on Data Structures, the topics covered was

- ✓ Introduction to Data structures
- ✓ AVL tree Structure
- ✓ Sorting & its Types
- ✓ Searching & its types

<u>Outcome</u>

Upon completion of this guest lecture, students are able to understand the academic aspects of the theory subject "Data Structures"







Dr.S.Senthil Kumar, Associate. Professor, Dept of CSE, UCE-PKT delivering guest lecture on Data Structures on 25.8.18







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2018 - 2019 / ODD SEMESTER National Level Technical Symposium - CISABZ '18

REPORT



On Stage (From left to right) Mr.S.Rajarajan, , Symposium Coordinator, Mr.Anand Sivagnanam chief guest , Dr.S.M.Uma HOD/CSE, Mrs.R.Ranitha, Symosium Coordinator.

Department of Computer Science and Engineering, organized 14th National Level Technical Symposium - CISABZ'18 on Sep 18th 2018 at Chera Hall. Chief Guest Mr.Anand Sivagnanam CEO, Diverse Brains Life Solutions, inaugurated the event and delivered the inaugural address. During his inaugural address, he insisted the importance of conducting symposium which helps the students in exhibiting their talents and to improve employability and inspire entrepreneur mind-set to create innovative solutions. Dr.S.M.Uma, HOD/CSE delivered the welcome address and welcomed the Chief Guest, Staff, Participants and Students. Mrs.R.Ranitha Symposium coordinator gave CISABZ'18 introduction and Mr.S.Rajarajan Symposium coordinator addressed the gathering by introducing chief guest. Around 119 participants from various engineering colleges participated in paper presentation and various technical events. Chief Guest released the Hard copy of Souvenir of the symposium and the first copy was received by Dr.S.M.Uma HOD/CSE. Chief Guest released the Softcopy of the Souvenir and the first copy was received by the Mrs.K.Abhirami, IQAC. During the Valedictory function, certificates were distributed to the winners of the events. Mr. S.Mohan Kumar, Student Coordinator delivered the vote of thanks and the event pleasantly ended with National Anthem.







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2018-19 / EVEN SEMESTER

NCETACT'19 REPORT

The Department of Computer Science & Engineering organized a National Conference on Emerging Trends in Advanced Computing Technologies **on 15**th **March 2019.** Our conference has provided a platform for researchers and academicians to share and exchange ideas on the various research topics in the fields such as Cloud Computing, Virtual Reality, Data Science, Robotics, Cyber Security, Internet of Things, Machine Learning. The conference had two sessions with expert's key note addresses and interactive discussions. Total number of participants who have sent their willingness through mail to attend the conference was 56. Among them, **29** participants from various Universities and institution have been selected to register and present papers in the conference. Ms.Jennifer Bliss, STEM Consultant, University of Iowa, USA acted as resource person and delivered keynote address.



RECEPTION AND REGISTRATION

The registration and Reception began at 9:00 a.m. onwards on the day.



32 participants have registered including participants from various institutions and Universities.

INAUGURAL FUNCTION



The dignitaries on dais included Ms.Jennifer Bliss, University of Iowa, USA, Dr.S.Krishna Kumar, DRDO, Dr.S.Albert Alexander, KEC, Dr.J.Arputha Vijaya Selvi, Principal, Dr.R.Rajendran, Secretary, Dr.S.Sivakumar, Vice Principal

Dr J. Arputha Vijaya Selvi, Principal, welcomed the gathering and narrated the theme of the conference.



As an auspicious beginning, the lighting of lamp was done by all the dignitaries.

Dr.J.Arputha Vijaya selvi Principal, Honoring the chief guest Ms.Jennifer Bliss, by presenting a Shawl & momentum.



Dr.R.Rajendran, Secretary, presided over the inaugural function and delivered the Presidential Address, He insisted the engineers to focus on innovations which would enhance the living standards of people. He reiterated

that only engineers could bring newer technologies which would develop a sustainable eco system. Also he summarized the latest technologies in the field of Information and Communication Engineering.

After the Presidential Address, our honorable Guest Ms.Jennifer Bliss has released the proceedings of the **National Conference on Emerging Trends in Advanced Computing Technologies** and the first hard copy was received by the Dr.J.Arputha Vijaya Selvi, Principal.



Proceedings of the conference was released

Chief-guest Ms.Jennifer Bliss giving the Inaugural speech

Dr.D.Sivakumar Secretary NCETACT'19 introduced the Chief Guest to the gathering.

Chief Guest, Ms.Jennifer Bliss in her special address, emphasized on the importance of research in engineering disciplines, and given speech about robotics and emerging technologies. It also motivated the students, faculties and the researchers to think innovatively in the field of Computing Technologies in emerging scientific fields.

The title of her talk was **"FRC Robotics and automation"**. In her speech, Ms.Jennifer Bliss detailed the recent trends in Computing Technologies. Robotics demo session was shown to the students. The session ended with interaction between the speaker and listeners.

After the inaugural function, the expert session was started. In that session, the Invited Talk was delivered by Ms.Jennifer Bliss, STEM Consultant, the University of Iowa , USA.



Invited Talk- Students listening the lecture on "Robotics"

TECHNICAL SESSION

Session 1: Paper Presentation (Chera Hall) Session 2: Paper Presentation (CSE Lab – I)

The paper presentation session was divided into two tracks. Two tracks ran parallel where the experts and scholars presented their views on different topics pertaining to themes of NCETACT'19. The details of paper presentation are enclosed in the annexure section of this report. Key-note lecture, expert talks and paper presentation sessions justified the themes of conference. This conference proved its existence in contributing knowledge in the domain of Advanced Computing.



Students presenting the paper

PARTICIPANTS DETAILS

	THE TON THE DE TIMES			
S.NO	COLLEGE NAME	BATCH COUNT	STUDENTS COUNT	
1.	Anjalai Ammal Mahalingam Engineering College, Kovilvenni.	05	15	
2.	University College of Engineering, Thirukuvalai.	01	4	
3.	MIET Engineering College, Trichy.	08	32	
4.	Ariyalur Engineering College, Ariyalur.	06	20	
5.	Sir Issac Newton College of Engineering & Technology, Nagapattinam.	01	1	
8.	Kings College of Engineering, Punalkulam.	08	24	
	TOTAL	29	96	

Totally 29 batches and 96 students have participated and presented their papers in our National Conference on Emerging Trends in Advanced Computing Technologies – NCETACT'19.

VALEDICTORY FUNCTION

After the paper presentation session, the valedictory function was organized in Chera hall of K.C.E. Dr.S.M.Uma HOD/CSE, Dr.D.Sivakumar, and Mr.R.Sriramkumar organizing Secretary and all other committee members of NCEACT'19 were present on the dias.

Dr.S.M.Uma HOD/CSE, delivered the valedictory address and distributed the certificates.



Distribution of Certificates



Mr.R.Sriramkumar, the Organizing Secretary delivered Vote of Thanks. The function ended with National Anthem.







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

1. Type of the Event : **FACULTY DEVELOPMENT PROGRAM**

2. Name of the Event : "Robotics and Automation"

3. Purpose : Aimed to explore the potential areas and the

significance in the fields of robotics and automation and to provide the faculties with a clear, simple explanation of robotics

4. Date : **22**nd **and 23**rd **Feb 2019**

5. Level of the Event : Department Level

6. Name of the organizer(s) : R.Sugantha Lakshmi & G.Chandra Praba

Dept. of CSE

7. Resource Person(s) : Dr.V.Sankaranarayanan,

Associate Professor, NIT, Trichy

Mr.S.Shanmuganathan, Embedded Programmer,

Kalvi Institute Pvt.Ltd, Madurai

8. Target Group : Faculty Members (External & Internal)

9. Number of Participants : 20

10. Topics Covered : 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

11. Outcome : 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 to identify future

research needs in the interdisciplinary emerging

field.

GLIMPSES OF THE EVENT DAY 1(22.2.19)

Resource Person: Dr.V.Sankaranarayanan, Associate Professor, NIT, Trichy

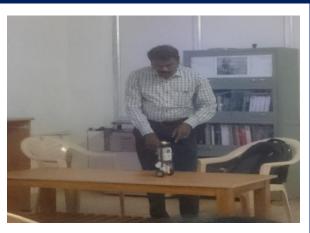




Dr.S.M.Uma (HOD/CSE) honoring the resource person r.V.Sankaranarayanan, Associate Professor, NIT, Trichy

Participants listening to the knowledge shared by the resource person Dr.V.Sankaranarayanan





Demo on Robotics by the resource person Dr.V.Sankaranarayanan, Associate Professor, NIT, Trichy

DAY 2 (23.2.19)

Resource Person : Mr.S.Shanmuganathan, Embedded Programmer, Kalvi Institute Pvt.Ltd, Madurai

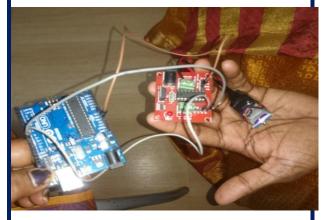




The resource person is delivering lecture on the hardware and software components used for building robots











Valedictory









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

Technical Event Report

✓ Name of the Event : Guest Lecture

✓ Date & Session : 02.02.2019 & FN

✓ Venue : Class Room, Kings College of Engineering

✓ Level of the Event : Department Level

✓ Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE

✓ Topic : Parsing in Compiler Design

✓ Organized for : III yr Students

✓ Number of Participants : 39

✓ Purpose : To give Lecture on Parsing topic

in Compiler Design

✓ Resource Person : Mr.S.Ramprakash M.E., (Ph.D)

Teaching Fellow, Department of CSE,

University College of Engineering,

Thirukkuvalai, Nagapattinam

SUMMARY REPORT - GUEST LECTURE

Guest lecture for this Academic Year (2018-19 Even Sem) for III Year (Batch: 2016 – 2020) was organized by CSE department on 02.02.19. The major objective of the program was to make the students to know the academic aspects of the theory subject "Compiler Design" and provided an exposure about Advanced topics. Mr.S.Ramprakash M.E (Ph.D)/Teaching Fellow, Department of Computer science and Engineering, University College of Engineering, Thirukkuvalai, Nagapattinam Delivered the lecture. The Topics covered was

- Basics of Compiler
- Phases of Compiler
- Syntax Analyzer
- Bottom up Parsing
- Top Down Parsing

Outcome

Upon completion of this guest lecture, students are able to understand the Basics and Types of Parsing in Compiler Design and also solved problems in their academic syllabus.



Mr.S.Ramprakash M.E (Ph.D) gave lecture on Compiler Design on 02.02.19

SUMMARY REPORT - Bridge Course

To enrich the knowledge of the students and make them to strong in technical skill, Introductory class is used. The main objective of this class is to provide a platform to the students to understand their academic subjects. There are two introductory classes were planned to equip the students knowledge,

- 1. Unix Operating System II Year 46 members were attended
- 2. Android Installation III Year 31 members were attended



Mr.S.Rajarajan AP / CSE had taken the basics of Unix Operating System and hands on training



Mr.R.Palaniappan and his team members (Info Systems) explained the steps to install Android OS.

COURSE OUTCOME

Upon completion of this class, students should be able to:

- Understand the basic concepts of Unix which is helpful to study the concepts of OS
- Execution of Unix Commands will be helpful in their lab session
- Do their lab classes (Mobile Application Development Lab) in an effective manner.

REPORT ON IEI "Hands on Training in System Assembly" ON 29.01.19

IEI Students Chapter and Department of CSE jointly organized "Hands on training in System Assembly" on 29.01.19. IEI student 17 members (II Year) had attended this training. The objective of this training was to gain the knowledge in the area of system assembly which will be helpful to understand the subject. The IEI members had the real time experience and also cleared their doubts during that session.

Resource Person Details:

Mr.Selvakumar, Technical Assistant, Kings College of Engineering

Topics Covered in the workshop:

• Identification of components and its functionalities



Mr.Selvakumar demonstrates the assembly of a system.

REPORT ON "TECHNICAL CONNECTION" ON 28.02.19

On behalf of the IEI Student Chapter of CSE ,the Department organized "Technical Connection" on 28^{th} February 2019 at **CSE LAB-II** . Totally 4 teams from IIYear students were participated. This event was conducted to exhibit the student's logical thinking skill. Totally 10 slides were. Each team has to record their answers. The answer sheets were evaluated internally.

- 1. F.Shiny Roja & J.Linda Carolyn
- 2. K.Priyadharshini & K.Thulasi





Participants from II Year were discussed about the answer.

REPORT ON "DEBUGGING IN C" ON 28.02.19

On behalf of the IEI Student Chapter of CSE, the Department organized "Debugging in C" on 28th February 2019 at **CSE LAB-II**. Totally 8 teams from III Year students were participated. This event was conducted to exhibit the student's technical skill. C is the fundamental programming language. Totally 10 questions were taken from C and it covered the concepts of C such as pointers and operators and String concepts. Time duration was 20 minutes. The participants debugged the program by manually. The answer sheets were evaluated internally.

- 1. K.Karthika & S.Nandhini
- 2. S.Vinodhini Joyce & R.Pavithra



Participants from III Year were debugged the program.

REPORT ON "POSTER PRESENTATION" ON 21.03.19

On behalf of the IEI Student Chapter of CSE ,the Department organized "Poster Presentation" on $21^{\rm st}$ March 2019 for final year IEI Student Members . Totally 17 batches were participated. This event was conducted to exhibit the student's presentation skill. Ms.R.Ranitha AP / CSE and Ms.G.Chandraprabha AP / CSE act as internal jury to select the winners.

Place	Student Members	Project Title
I	Balachandar.V	Handwritten Recognition for
	Mohamed Ali.M.J	Author Identification using
	Sivabalan.R	Image Processing Technique
	Subash Chandra Boss.R	
II	Elakkiya.M	Proposed Security Model for
	Manimozhi.K	Session Transfer and Services
	Sugapriya.S	using OTP.



Students present their poster to the internal jury.











ISTE-STUDENT CHAPTER (TN 217)

ACADEMIC YEAR 2017-18(EVEN)

Paper Presentation Report

The ISTE Student Chapter, Kings College of Engineering, Organized a competition on Paper Presentation on 30.01.2018 between 11.45am – 12.30pm at CSE Lab I for the ISTE student members of Computer Science Engineering Department. 8 students were actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	ST IV CSE	1. M.BARANITHARAN
1.11721		2. R.NAGARAJAN
SECOND	SECOND III CSE	1. J.D.FESTUS EVAPRIYAN
SECOND		2. P.KARTHIKA
THIRD	II CSE	1. S.PRIYADHARSHINI
ТПКД	II CSE	2. K.PRIYA

About the Event

Guidelines

- Maximum 2 students are allowed to present a paper
- 10 minutes will be given for each paper. 8 minutes for presentation and 2 minutes for queries.
- Last date for paper submission (both soft & hard copy) is 29.01.18.
- Paper acceptance is based on first come first served.
- Three teams will be selected for the prize.
- If the rules are violated, then the participants will be rejected immediately.
- Judges decision will be final.

Topics

- Artificial Intelligence
- Cyber Crime and Security
- Evolution of Computers



Presentation on Artificial Intelligence



Presentation on Cyber Crime and Security



Presentation on Evolution of Computers







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2017-2018/ODD SEMESTER

Guest Lecture Report

Guest lecture for this Academic Year (2017-18) for III Year (Batch: 2015 – 2019) was organized by CSE department on 14.07.17. The major objective of the program was to make the students to know the academic aspects of the theory subject "Theory of Computation" and provided an exposure on unit V. Ms S.Suseela AP/CSE, Periyar Maniammai University, Vallam delivered a lecture on Theory of Computation, the topics covered was

- ✓ Unsolvable problems & computable functions
- ✓ Primitive recursive functions
- ✓ Universal turing machine
- ✓ Tractable & intractable problems
- ✓ P &NP completeness
- ✓ Polynomial time reductions

Outcome

Upon completion of this guest lecture, students are able to understand the Basics of Theory of Computation and topics covered in V unit in their academic syllabus.







Ms. S. Suseela, AP/CSE gave lecture on Theory of Computation.







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2017-2018/ODD SEMESTER

Report - Guest Lecture

Guest lecture for this Academic Year (2017-18) for II & IV Year was organized by CSE department on 4.08.17. The major objective of the program was to make the students to get familiar about the recent trends in computer science & technology and to provide an exposure in carrying out projects in this domain. **Dr. S. Senthil kumar**, Associate Professor/CSE, University College of Engineering, Pattukkottai delivered a lecture on "Recent Trends in Computer Science and Technology". In his lecture, he briefed about Distributed computing, Cloud computing, Cluster computing, P2P network and client server vs cloud computing.





Dr. S. Senthil Kumar, Associate Professor, Dept of CSE, UCE-PKT delivering guest lecture







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

Technical Event Report

✓ Name of the Event : Guest Lecture

✓ Date & Session : 27.02.2018 & AN

✓ Venue : Pallava Hall, Kings College of Engineering

✓ Level of the Event : Department Level

✓ Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE

✓ Topic : COMPILER DESIGN

✓ Organized for : III yr Students

✓ Number of Participants : 58

✓ Purpose : To give Lecture on Compiler design

(Focusing on V unit & problems)

✓ Resource Person : Ms.S.Suseela,

Assistant professor/CSE

Periyar Maniammai University

Vallam, Thanjavur

SUMMARY REPORT - GUEST LECTURE

Guest lecture for this Academic Year (2017-18 even sem) for III Year (Batch: 2015 – 2019) was organized by CSE department on 27.02.18. The major objective of the program was to make the students to know the academic aspects of the theory subject "Compiler Design" and provided an exposure about V unit & problems. Ms S.Suseela AP/CSE, Periyar Maniammai University, Vallam Delivered a lecture on Copmpiler Design, the topics covered was

- ✓ Optimization of Basic Blocks
- ✓ Global Data Flow Analysis
- ✓ Efficient Data Flow Algorithms
- ✓ A Simple Code Generator
- √ The Phases of Compiler Algorithm
- ✓ Lexical Analyzers
- ✓ Top Down Parsing

<u>Outcome</u>

Upon completion of this guest lecture, students are able to understand the Basics of Compiler Design, topics covered in V unit & problems in their academic syllabus





 $\ensuremath{\mathsf{Ms.S.Suseela}}$ AP / CSE gave lecture on Compiler Design.







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

Technical Event Report

✓ Name of the Event : Guest Lecture

✓ Date & Session : 12.03.2018 & AN

✓ Venue : CSE Lab I, Kings College of Engineering

✓ Level of the Event : Department Level

✓ Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE

✓ Topic : OPERATING SYSTEMS

✓ Organized for : II yr Students

✓ Number of Participants : 42 students

✓ Purpose : To give Lecture on Operating Systems

✓ Resource Person : Dr.S.Senthil kumar,

Associate Professor /CSE

UCE, Pattukkottai.

SUMMARY REPORT - GUEST LECTURE

Guest lecture for this Academic Year (2017-18 even sem) (Batch: 2016-2020) for II Year was organized by CSE department on 12.03.18. The major objective of the program was to make the students to know the academic aspects of the theory subject "operating Systems" Dr.S.Senthil kumar, Associate Professor/CSE, UCE, Pattukkottai. Delivered a lecture on Operating Systems, the topics covered was

- ✓ operating systems overview
- ✓ Memory Allocation
- ✓ Segmentation-
- ✓ Paging
- ✓ Virtual Memory
- ✓ Page Replacement
- ✓ Page fault handling

<u>Outcome</u>

Upon completion of this guest lecture, students are able to understand the academic aspects of the theory subject "operating Systems"







Dr.S.Senthil Kumar, Associate. Professor, Dept of CSE, UCE-PKT delivering guest lecture on Operating Systems on 12.3.18

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. On 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. Ejghteen 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 epslon DFA".

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 AND ENGINEERING ACADEMIC YEAR 2017 - 2018 / ODD SEMESTER <u>CISABZ '17</u>

Department of Computer Science and Engineering, organized 13th National Level Technical Symposium – CISABZ'17 on 1st September, 2017 at Chera Hall.



From left: Ms. Jasintha Mary HR, delivering inaugural address. Mrs.B.Sangeetha, Symposium Coordinator, Mr.Rajan Parasuraman MD, Gyan Matrix, Mrs. K. Abhirami, IQAC, MrJ.Jegan, Symosium Coordinator are seen in picture.

Mr.R.Rajan Parasuraman, Managing Director and Mrs Jasintha Mary, HR, Gyan Matrix, Bangalore, were the Chief Guests. Mrs. B. Sangeetha, symposium coordinator delivered the welcome address. Mr.J.Jegan, symposium coordinator introduced the chief guest. Chief Guest released the Souvenir of the symposium and the first copy was received by Mrs.K.Abhirami, IQAC. Mr.J.Jegan released the magazine of the symposium and the first copy was received by the Chief Guest. Mr.R.Rajan Parasuraman, in his inaugural address, insisted the importance of conducting symposium which helps the students in exhibiting their talents. Mr.M.Baranitharan, student coordinator gave an overview of CISABZ'17. 107 participants from various engineering colleges participated in paper presentation and various technical events. During the Valedictory function, certificates were distributed to the winners. Mr.S.Madhavan, Student Coordinator delivered the vote of thanks and the event pleasantly ended with national Anthem.

SUMMARY REPORT - Orientation Program

Orientation program for this Academic Year (2017-18) for II Year (Batch: 2016 – 2020) was organized by CSE department on 21.06.17. The major objective of the program was to make the students aware of the academic aspects of the course and provided a exposure about teaching learning practices followed by the department and current trends in IT industry. Two Internal faculty members were delivered their views to the students.



Mr.D.Sivakumar AP / CSE explained the current trends and Job opportunities in IT industry.



Ms.K.Abhirami delivered Teaching Learning Practices followed by CSE Department.

SUMMARY REPORT - Bridge Course

To enrich the knowledge of the students and make them to strong in technical skill, Introductory class is used. The main objective of this class is to provide a platform to the students to understand their academic subjects.

III Year:

Web services and its relevant programs are essential in this moment. HTML is the basic Markup language which is used to develop web service program. To meet up the current requirements the third year students had an experience in "An Introduction to HTML Language" which was handled by Ms.R.Ranitha AP / CSE. Totally 42 students of third CSE have undergone the training.



Ms.R.Ranitha AP/ CSE explained various tags used in HTML language and the students were executed the tags

COURSE OUTCOME

Upon completion of this class, students should be able to:

- Do their lab classes in an effective manner.
- May create a design for college website.

IV Year:

Nowadays the scope of Android development jobs is enormous. The fundamental unit of Android is Java so that the final year students have undergone training in "An overview of J2EE technologies". Mr.R.Palaniappan and his team members of Infosystems, Thanjavur explained the importance of Java language in current situation. They briefed about the features and programming constructs of Java. There were totally 27 students of IV year benefited.



Mr.R.Palaniappan and his team members delivered the features of Java.

COURSE OUTCOME

Upon completion of this class, students should be able to:

- Do their project in Java
- Do their lab classes in an effective manner.

REPORT ON "DEBUGGING IN C" ON 29.08.17

On behalf of the IEI Student Chapter of CSE, the Department organized "Debugging in C" on 29th August 2017 at **CSE LAB-I**. Totally 6 teams from III and IV Year students were participated. This event was conducted to exhibit the student's technical skill. C is the fundamental programming language. Totally 10 questions were taken from C and it covered the concepts of C such as pointers and operators and String concepts. Time duration was 20 minutes. The participants debugged the program by manually. The answer sheets were evaluated internally.

- 1. U.Arschana & A.Abinaya III CSE
- 2. K.Manimozhi & M.Aarthy III CSE
- 3. S.Buvaneswari & M.Pragadeshwari III CSE



Participants from III Year and IV Year were debugged the program.









KINGS COLLEGE OF ENGINEERING ISTE-STUDENT CHAPTER ACTIVITY FOR THE MONTH OF AUGUST 2017 Student Competition on "Mono acting"

The ISTE – Student Chapter, Kings College of Engineering, organized a competition on "Mono acting on 10.08.2017 for the ISTE student members of Computer Science & Engineering Department. The students actively participated in this competition and won prizes. A.Adaleru & V.Subathra of IV CSE won First prize, V.Anbu Oviya & R.Varshini of IV CSE won second prize and S.Aishwarya & J.Abinaya of IV CSE won third prize.





Students participating in "Mono acting"







ISTE-STUDENT CHAPTER (TN 217)

Crossword Report

1. Name of the Event : Crossword

2. Date & Time : 11.01.2017 & 11.45pm – 12.30pm

3. Venue : Hall No 224, Kings College of Engineering

4. Level of the Event : Students

5. Name of the Organizer : Mrs.T. Gnanajeya

Coordinator – ISTE STUDENT CHAPTER

6. Organized for : ISTE Student Members of CSE

Department

7. Number of Participants : 54 (27 Teams)

8. Purpose : Innovative Thinking

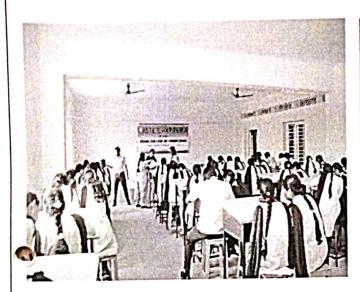
9. Event Photos : Annexure – IA

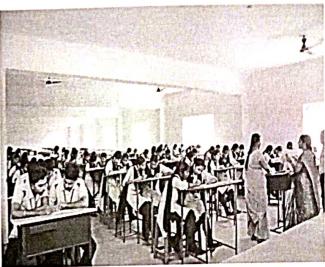
10. Attendance Sheet & Score sheet : Annexure – IB

11. Prize winners : Annexure – IC

PRINCIPAL

Crossword held on 11.01.2017





Participants at Crossword Competition



ISTE Student Chapter Coordinator observe the performance



COLLEGE OF ENGINEERING (NAAC Accredited Institution) (Approved by AICTE. New Delhi. Affiliated to

Anna University, Chennai)



ISTE-STUDENT CHAPTER (TN 217) Crossword on 11.01.2017 – PRIZE WINNERS

PRIZES	CLASS	NAME OF THE STUDENT
FIRST	IV CSE	A.MONIKA
		K.ATHEELA
SECOND	IV CSE	S.SARAVANAN
		M. VELUSAMY
THIRD	IV CSE	K.R.BHUVANESWARI
		A.EUGEN

PRINCIPAL







ISTE-STUDENT CHAPTER

ACTIVITY FOR THE MONTH OF JULY 2017

Student Competition - "Cube Game"

The ISTE – Student Chapter, Kings College of Engineering, organized "Cube Game" competition on 27.07.2017 for the ISTE student members of Civil Engineering Department. The students actively participated and won prizes. **R. Arunkumar**, IV Civil Engineering, won First Prize and **D.Prasanth**, IV Civil Engineering, won Second Prize.





Students competing in cube game







ISTE-STUDENT CHAPTER (TN 217)

Puzzles Report

1. Name of the Event : Puzzles

2. Date & Time : 31.08.2016 & 1.15pm - 2.15pm

3. Venue : Hall No 224, Kings College of Engineering

4. Level of the Event : Students

5. Name of the Organizer : Mrs.T. Gnanajeya

Coordinator – ISTE STUDENT CHAPTER

6. Organized for : ISTE Student Members Of CSE Department

7. Number of Participants : 32

8. Purpose : Knowledge Gaining

9. Event Photos : Annexure – IA

10. Attendance Sheet & Score sheet : Annexure – IB

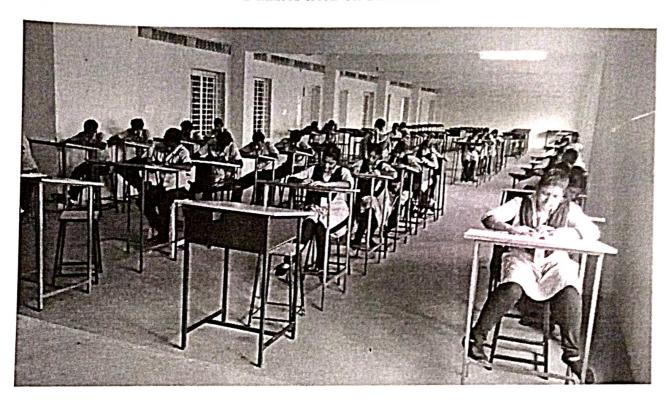
11. Prize winners : Annexure – IC

Coordinator 31811

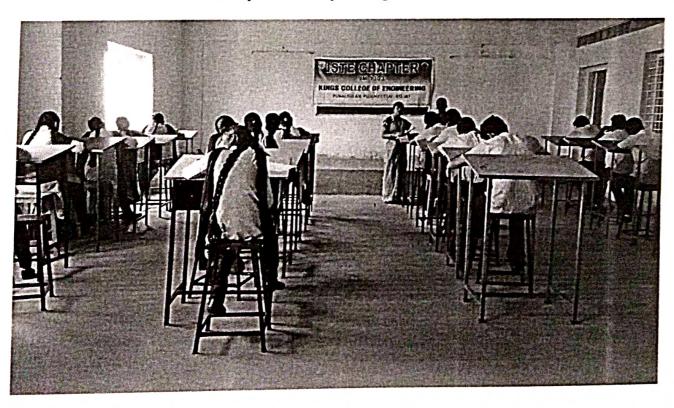
Principal

Annexure - IA

Puzzles held on 31.08.2016



Participants actively solving the Puzzles



ISTE Student Chapter Coordinators monitors the performance







ISTE-STUDENT CHAPTER (TN 217)

Puzzles on 31.08.2016 - PRIZE WINNERS

Annexure - IC

PRIZES	CLASS	NAME OF THE STUDENT
FIRST	III CSE	M. BARANITHARAN
SECOND	IV CSE	M. VELUSAMY
THIRD	I II CSE	S.R. BANUMATHI

COORDINATOR 3 8 16



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

Technical Event Report

1. Name of the Event : Guest Lecture

2. Date & Session : 16.07.2016 & FN

3. Venue : Chera Hall, Kings College of Engineering

4. Level of the Event : Department Level

5. Name of the Organizer : Mr.S.Rajarajan, AP, Dept of CSE

6. Topic : GRID COMPUTING

7. Organized for : IV yr Students

8. Number of Participants : 62

9. Resource Person : Mr.G.Ganesan, AP/CSE

K.L.N. College of Information Technology.

Pottapalayam.

10. Purpose : To give Lecture on Grid Computing



Mr.G.Ganesan, Asst. Professor, Dept of CSE, KLNIT delivering guest lecture on "Grid Computing".







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

Technical Event Report

1. Name of the Event : Guest Lecture

2. Date & Session : 22.07.2016 & FN

3. Venue : Chera Hall, Kings College of Engineering

4. Level of the Event : Department Level

5. Name of the Organizer : Mr.S.Rajarajan, AP,Dept of CSE

6. Topic : Cloud Computing

7. Organized for : III yr & II yr Students

8. Number of Participants : 101

9. Resource Person : Mr.T.Thamaraiselvan,

Managing Director,

Isysway technologies,

Thanjavur

10. Purpose : To give an exposure on cloud computing

which is used to share computing resources.



Mr.T.Tamaraiselvan. Managing Director, Isysway technologies, Thanjavur delivering guest lecture on "Cloud Computing".







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

Technical Event Report

1. Name of the Event : Guest Lecture

2. Date & Session : 25.07.2016 & FN

3. Venue : Chera Hall, Kings College of Engineering

4. Level of the Event : Department Level

5. Name of the Organizer : Mr.S.Rajarajan, AP,Dept of CSE

6. Topic : Computer Graphics

7. Organized for : II yr & III yr Students

8. Number of Participants : 98

9. Resource Person : Dr. M.Sri devi,

Associate Professor, Dept of CSE

NIT, Trichy

10. Purpose : To give an introduction to computer graphics

focusing image synthesis and rendering



Dr.M.Sridevi, Asst. Professor, Dept of CSE, NIT-Trichy delivering guest lecture on "Computer Graphics".







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2016 - 2017 / ODD SEMESTER <u>CISABZ '16</u>

TECHNICAL EVENT REPORT

1. Name of the event : National Level Technical Symposium (CISABZ'16)

2. Date & Session : 16.9.16 (FN & AN)

3. Venue : Chera Hall, Kings College of Engineering

4. Level of the event : National Level

5. Name of the Organizer : Mrs.R.Suganthalakshmi, AP, Dept of CSE

Mrs.S.Hemalatha, AP, Dept of CSE

6. Organized for : Engineering students

7. No.of Participants : 36

8. Resource Person : Dr.G.Nandhakumar,

Asst.Prof, HOD/CSE,

Anjalai Ammal Mahalingam Engineering College,

Kovilvenni.

9. Purpose : To provide a platform for students to exhibit their

technical, presentation skills, organizing skills

inviting students from other engineering colleges.

10. Event Photos : Refer Annexure - I







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



On Stage (From left to right) Mrs.R.Suganthalakshmi, Mrs.S.Hemalatha, Symposium Coordinators, Dr.G.Nanthakumar, Asst.Prof & Head/ CSE, Anjalai Ammal Mahalingam Engineering college,Kovilvenni, Mrs.S.M.Uma HOD/CSE, Student President Mr.R.Abhivarman, Student Secretary C.Suganyaa.

Department of Computer Science and Engineering , organized 12th National Level Technical Symposium – CISABZ'16 on Sep 16th 2016 at Chera Hall. Chief Guest Dr.G.Nandhakumar, Asst.Prof & Head/ CSE, Anjalai Ammal Mahalingam Engineering College, Kovilvenni inaugurated the event and delivered the inaugural address. During her inaugural address, he insisted the importance of conducting symposium which helps the students in exhibiting their talents and thereby sharing of knowledge occurs. Mrs.S.Hemalatha, Symposium Coordinator delivered the welcome address and welcomed the Chief Guest, Staff ,Participants and Students. Mrs.R.Suganthalakshmi Symposium coordinator addressed the gathering by introducing CISABZ'16 and motivated the students to participate in such events to enhance their acquaintance, presentation skills and communication skills, which are most important nowadays to grab a job. Mr.R.Abhivarman delivered the Student President address. Around 36 participants from various engineering colleges participated in paper presentation and various technical events. Chief Guest released the Souvenir of the symposium and the first copy was received by Mrs.S.M.Uma HOD/CSE. Mrs.S.M.Uma released the magazine of the symposium and the first copy was received by the Chief Guest. During the Valedictory function, certificates were distributed to the winners of the events. Mr.B.Vignesh, Student Vice Secretary delivered the vote of thanks and the event pleasantly ended with national Anthem.

NCICIT'16 REGISTRATION FORM

Name : Designation : Organization : Address : Email id : Mobile No : Reg.category : Reg.Fee : D.D No : Date : Bank : Place : Date : Dat

Signature of Candidate

DECLARATION

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. K. Ramesh, NIT, Warangal

Dr. S. Savithri, CSIR-NIIST, Thiruvananthapuram

Dr. DVLN. Somayajulu, NIT, Warangal

Dr. C. Saravanan, NIT, Dhurgapur

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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

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, CEO

PATRON

Dr .S. DURAIRAJ, Principal

CONFERENCE CHAIRS

Mrs. S. M. UMA, HOD/CSE

Mrs. T. VIGNESWARI, HOD/IT

CONFERENCE SECRETARY

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

· / for ,

Conference Chair

Principal







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2016-2017/ EVEN SEMESTER Technical Event Report

1. Name of the Event : Guest Lecture

2. Date & Session : 30.01.2017 & FN

3. Venue : Chera Hall, Kings College of Engineering

4. Level of the Event : Department Level

5. Name of the Organizer : Mr.S.Rajarajan, AP,Dept of CSE

6. Topic : Computer Networks

7. Organized for : II yr & III yr Students

8. Number of Participants : 92

9. Resource Person : Dr.G.Nanthakumar,

Assistant Professor, Dept of CSE

AAMEC,

10. Purpose : To give an introduction about the computer

networks and configure the networks, various

applications of networks.









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

Technical Event Report

1. Name of the Event : Guest Lecture

2. Date & Session : 18.03.2017 & AN

3. Venue : Pallava Hall, Kings College of Engineering

4. Level of the Event : Department Level

5. Name of the Organizer : Mr.S.Rajarajan, AP,Dept of CSE

6. Topic : Distributed Systems

7. Organized for : III yr Students

8. Number of Participants : 52

9. Resource Person : Dr.S.Senthil Kumar

Head of the Department

University College of Engineering,

Pattukkottai

10. Purpose : To give an introduction about the Operating systems the

process of distribution and communication ,scheduling ,and

resource sharing.

