



CSE Bulletins

OF KUPPAM ENGINEERING
VOLUME 1, ISSUE 1



NOV 2021



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Chairman's Message



"YOUR SUCCESS IS OUR DREAM"

We at Kuppam Engineering College have a vision to impart quality technical education, bring out the hidden skills and abilities of the students with proper discipline.

We will provide meaningful education, research and training at all levels to match global standards. Our policy is to mould the students by building confidence in them by imbibing qualities like discipline, dedication and determination.

We have put together an experienced team of highly qualified, motivated and dedicated staff, supported by excellent infrastructural facilities to make the institution an ideal place of learning. It is obligatory on our part not only to reach academic standards as on today but also continuously upgrade them. Finally, it will give us immense pleasure when students graduated from our college are well placed in their careers as opportunities will come knocking at their doors.

Vice Chairman's Message

We at the Kuppam Engineering College strive to provide high quality technical education with ethics and moral values. We have a team of committed and experienced faculty members to cater the needs of the students and supported by an excellent infrastructural facilities. We have 14 industries approved laboratories like Cisco, Oracle, Auto-desk, Texas instrumentation, Red hat, CM Skill Excellence Center labs by Siemens, Dassault Systems and so on to bridge the gap between industries and academics and to enhance industries institute interaction, our aim is to produce young and dynamic engineers who can make their parents and the nation proud.

Principal's Message



Dear Students, It gives me immense pleasure to welcome you all to KEC, an eco-friendly campus that strives with a goal to attain excellence by empowering students with sound knowledge wisdom and experience. Our strength lies in creating pleasant ambience with an excellent infrastructure, qualified and experienced faculty commitment to personal care, motivation to excel in academic, extra curricular activities and continuous interaction with industry.

Over the past 17 years the college witnessed a string blend of state of the art infrastructure and dedicated human resource committed to provide professional education with trust on creativity and innovation. The motivating environment in KEC for knowledge, assimilation, generation and dissimulation with a sense of social responsibility, human values and concern for environment has curved anieche for itself among the best technical institutes.

"A desire can change nothing, a decision can change something, but a determination can change everything"
Be committed with strong determination to learn and reach new horizon, KEC will shape you for a successful and rewarding career.

HOD'S Message



The department has grown and now we no longer recognize everyone we cross on the streets. A newsletter will help us in getting to know ourselves better. It will also help visitors to get a glimpse of what goes on at CSE department. The newsletter can serve as publicity material for the department. We have not been doing very well in projecting our achievements. Reporting what we are doing on a regular basis will I think be an excellent way of letting the world know what we can do. It is my hope that this inaugural issue of the CSE newsletter will be the first of a regular stream of newsletters. Cooperation from all in providing information regularly is essential to make this is a success.



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ABOUT COMPUTER SCIENCE AND ENGINEERING

CSE Department was established in the year 2001 by an affiliation to AICTE and JNTU for providing scientific and technical education in the state. The academic programme commenced in 2001. The selection process is the same as through EAMCET. In 2012, the first batch of students was accepted in to the Master of Technology programme through GATE and PGECET. The department develops and diversifies each year, while maintaining its stated aim of improving standards in higher technical education, Research and industrial consultancy in the country.

The department has four laboratories and one advanced research center. The department has Wireless LAN with internet access etc.

➡ VISION

Strive for excellence in Computer Science and Engineering producing competent professionals with ethical values and social responsibility.

➡ MISSION

The students will be able to achieve quality education by providing competent faculty members, Innovative teaching – learning process, Computing facilities and Skill Development Training in the field of Computer Science.

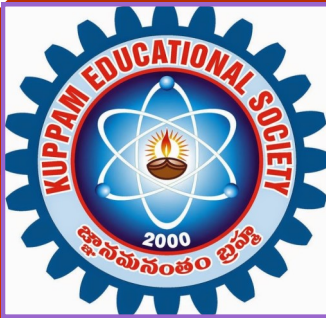
- ♦ Attaining academic excellence through competent faculty, innovative teaching-learning process and creating Centre of excellence in leading areas of Computer Science
- ♦ To create ambience for effective learning and skill development by promoting research culture with industry institute interaction.
- ♦ To inculcate professionalism adherence to ethical and social values.

➡ Program Educational Objectives (PEOs):

- ♦ The Program Educational Objectives of the department of Computer Science and Engineering are such that when the students graduate, they will be able to:
- ♦ **PEO1:** Become successful professional with ethical and social values.
- ♦ **PEO2:** Pursue higher education in reputed institutions
- ♦ **PEO3:** Become successful entrepreneur to serve the society with ethical and social values.

➡ Program Specific Outcomes (PSOs):

- ♦ **PSO1:** Ability to design, analysis and develop computer program in the area related to web design, multimedia, algorithms and networking.
- ♦ **PSO2:** An ability to apply standard practices and strategies in software project development using open-sources.



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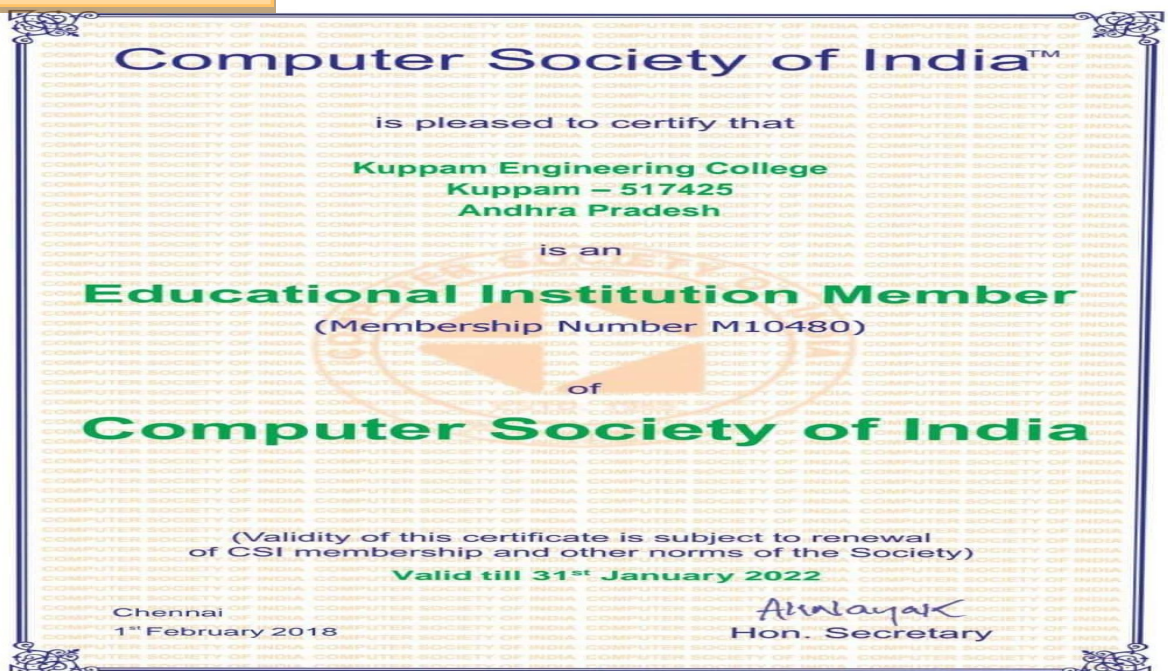
DEPARTMENT LIBRARY DETAILS

- 114 number of books available in department library

MOU'S

S.No	ORGANIZATION NAME	AUTHORIZED PERSON	DATE	PURPOSE	DURATION
1	Strydo Technologies Pvt.Ltd.,	Mr.S.Venkata Krishna	20 Jan 2020	Internship and Industrial Training, FDP	2 Yrs.
2	Brain Vision Solution Pvt.Ltd.,	Mr.Ganesh Nag Doddi	16 Aug 2021	Internship, FDP, Seminar and Workshop	3 Yrs.
3	Young Minds Technologies solution Pvt,Ltd.,	Mr. Vinay Angalakurthi	15 Feb 2019	Internship and Industrial Training, FDP	2 Yrs

MEMBERSHIP





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SYMPOSIUM

The Department of Computer Science and Engineering in Kuppam Engineering College was conducted Intra and Inter “One Day National Level Students Technical Symposium, ‘Anthariksha 2K20’ ” on 10 th March, 2020. Dr. V. Kiran Kumar, Associate Professor, Department of CSE, Dravidian University, Kuppam inaugurated the symposium and delivered key note address. Honorable Chairman, Vice Chairman, Principal, Vice Principal, Heads of all Departments and faculty members facilitated the function. The student coordinators for various departments organized the following events.



- Paper presentation
- Coding
- Debugging
- Quiz
- Poster Presentation
- Web Designing

The Competitions are conducted with focus on the various stream of computer science and engineering. These events are found to be useful to develop the leadership and team working skills among the students. The competitions also inspiring the students to perform well in their academics. The faculty members monitored the events and selected the winners. Finally the winners are rewarded by cash and certificates. The necessary funds for the symposium was provided by the institution.

WORKSHOP



Department of Computer Science and Engineering in Kuppam Engineering College in association with APSSDC organized "One week workshop on Amazon Web Service" from 16th September, 2019 to 21st September, 2019. Officials from APSSDC explained the complete services provided by Amazon Web Services (AWS) to the students from final year,



"One Day Workshop on Employment opportunities in Japan for engineering graduates" from 1st November, 2019. The workshop was conducted by knock and click consultancy PVT.LTD, Bangalore.



"One Day Workshop on NAAC work" from 31st December, 2019



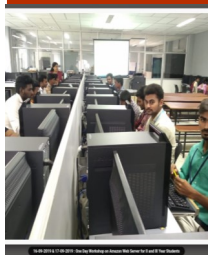
→ "One day workshop on Data Science" from 10th January, 2020. Mr.S.F.Shanavaz, Novac Technologies Solutions P.Ltd. Chennai explained the Data Science concepts and gave hands on training to the students from third year, and about 97 students were participated.

"One Day Workshop on Awareness of Coding Assessment Practice Through ICT" on 1st February, 2020 for second year students. Mr. S. R. SHAHID, Software Developer, Oracle, Bangalore explained the importance of coding assessment through ICT tools with real time example,



→ "One Day Workshop on Data Science using Python" on 8th February 2020. The workshop was conducted to Second Year students to give detailed view about Data Science and the built in libraries in Python for Data Science to develop projects by Ms. Bhagavathi. About 96 students were participated this workshop.

SEMINAR



Department of Computer Science and Engineering in Kuppam Engineering College organized "One Day Seminar on Entrepreneurship Training Programme" on 24th September, 2019. The seminar was conducted to CSE students to give detailed view about Develop the skills in customer development, Customer validation, Competitive analysis to evaluate real world problems and Business Projects. The Resource person Mr.K. SenthilKumar, Founder of Gnana Business Services, Erode, gave the seminar for students in

Department of Computer Science and Engineering in Kuppam Engineering College organized "One Day Seminar on Big Data Analytics" on 16th May 2020. The workshop was conducted to students of CSE, to give detailed view about Big Data Analytics by Dr.D.Sumathi. All the Faculty Members from Cse Dept, M.Tech Students, B.Tech Students were totally 180 members are participated in this Workshop.

Department of Computer Science and Engineering in Kuppam Engineering College organized "One Day Seminar on DATA SCIENCE" on 10th Jan 2020. The seminar was conducted to students of CSE, to give detailed view about Data Science by Mr.Shanawaz. Were all the B.Tech Students were totally 110 members are participated in this Workshop.

GUEST LECTURE



KUPPAM ENGINEERING COLLEGE organized a Guest Lecture on *Structured Query Language* (also known as **SQL**) on 25-9-2019 TO 26-9-2019 The session was organized to give students brief overview of SQL and Ability to create sql queries for application using my sql and oracle were 107 Students from **CSE department** attended the session. The session was conducted by **Dr.Anthony Raj ASP/ CSE,PRIEST University, bangalore.**

KUPPAM ENGINEERING COLLEGE organized a Guest Lecture on **POWER SHELL** on 27-9-2019 TO 28-9-2019 The session was organized to give students brief overview of Ability to install command line scripting language ,configuration and management of power shell were 107 Students from **CSE department** attended the session. The session was conducted by **Mr.K.Manjunath Software Release Manager.**

KUPPAM ENGINEERING COLLEGE Guest Lecture on "Android Application Development" on 19th march 2021, 10:00am-1:00pm The session was organized with the aim of introducing cse students to the career

opportunities in the field of through android. The speaker explained various things in IDE and then explained a small application for the students' knowledge. Students asked many questions on application development. It was an extremely informative and an interactive session where students acquired enormous basic knowledge on Android. The students were very keen for this guest lecture and they learned a lot about Android. This guest lecture would certainly help them understand Android in a new perspective.



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PUBLICATIONS— JOURNALS AND BOOKS

- ⇒ S. Baskaran, K. Logesh. *Rank based Energy Efficient Protocol for MANET*. 12/2, 2019.
- ⇒ Vinothkumar Sivalingam, Zhuoliang Zan, Jie Sun, Baskaran Selvam, Munish Kumar Gupta, Muhammad Jamil, Mozammel Mia. *Wear behaviour of whisker-reinforced ceramic tools in the turning of Inconel 718 assisted by an atomized spray of solid lubricants*. 148, 2020.
- ⇒ A Karpagaraj, S Baskaran, T Arunnellaippan, N Rajesh Kumar. *A review on the suitability of wire arc additive manufacturing (WAAM) for stainless steel*. 316, 2247/1. 2020.
- ⇒ Dr. K. Logesh Dr. D. Sumathi Anthony Raj. A. *K-MEANS ALGORITHM BASED DISTRIBUTED INTRUSION DETECTION SYSTEM FOR CLOUD COMPUTING ENVIRONMENT*. 7/15, 2020. 2988-2991
- ⇒ Dr. D. Sumathi S. Balaji, Dr. G. Vasanth A. *SURVEY ON TRANSFER LEARNING FRAMEWORK FOR DATA SETS USING SEMI SUPERVISED LEARNING*. 6/6, 2019. 245-249
- ⇒ Dr. D. Sumathi R Bhavani. *AN EFFICIENT APPROACH FOR SOCIALLY MOTIVATED RESOURCE SHARING*, 6/6, 2019. 250-258
- ⇒ Dr. D. Sumathi Banumathi. A.C, Dr. E. Chandra. *"MENMOZHI" Voice Perception Wheel Chair for Disabled People* 29/7, 2020. 2037-2047
- ⇒ Dr. D. Sumathi Jyaganti Mohan Murali. *Alerting Exhausted Driver using Haar Cascading Algorithm*. 29/7, 2020. 2151-2158
- ⇒ Swetha S Sumathi D, Aishwarya SH, Divya TR. *Augmented Reality - A New Perspective To View E-Commerce* 1/1 2021.
- ⇒ Mohan Murali J Sumathi D. *Enhancing The Alerting Drowsy Driver' System Using Haar Cascading Calculation And Support Vector Machine With Optimized Feature Extraction*. 1, 2021.
- ⇒ R. Kavipriya D. Sumathi. *Deep Analysis of EEG Signal Processing in Bioengineering using Machine Learning*. 1, 2021.
- ⇒ N Meghashree, R Girija, D Sumathi. *Understanding Green IoT: Research Applications and Future Directions*. 6/6, 2019.
- ⇒ D Sumathi, SS Manivannan. *Stochastic approach for channel selection in cognitive radio networks using optimization techniques*. 76/2, 2021. PATTERN
- ⇒ M. Senbagavalli Dr K. Logesh, D. Sumathi. *Real-Time Amateur Sensory Tracker with Extensive Spans of Mitigative and Recovery Operations in Emergencies*. 2021/8/13, 2021 41035459A.
- ⇒ Dr. V. SATHIYAMOORTHY Dr. D. SUMATHI, Dr. SMITHA CHOWDARY CH. *THE REMOTE HEALTH MONITORING SYSTEM WITH WIRELESS SENSOR AND IOT THROUGH MULTIVARIATE MEDICAL DATA* M. 2019/11/22 201941044768.

Membership Title

Member of Computer Society of India (CSI)
Indian Society for Technical Education (ISTE)



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Department Toppers 2019-2020

Year / Sem	HT.No	Name of the Student	I Sem	II Sem	TOTAL	Avg
IV	16F41A0526	C DEVI PRIYANKA	77.25	87.6	164.85	82.42
III	17F41A0590	S H AISHWARYA	82.77	85.88	168.65	84.35
II	18F41A0553	M DIVYA	76	76.22	152.22	76.11



Department Toppers 2020-2021

Year / Sem	HT.No	Name of the Student	I Sem	II Sem	TOTAL	Avg
IV	17F41A0590	S H AISHWARYA	81.25	81.00	162.25	81.12
III	17F41A0556	M.EKAMBARAM	82.77	85.88	168.65	84.35
II	19F41A0591	S SNEHA	88.35	80.96	169.3	84.65



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Internship at Hewlett Packard Enterprise

The following students are completed their Internship at HP (Hewlett Packard) from December '19 to July '20

S.NO	NAME	YEAR	SEM
1	Ms. B. Asha Latha	IV B.Tech	II Semester
2	Ms. R. Aswini	IV B.Tech	II Semester
3	Mr. N.K. Charan	III B.Tech	II Semester
4	Mr. S. Harshith Kumar	III B.Tech	II Semester

Internship Certificate

This is to certify that Ms. Asha Latha Battina has successfully completed her internship with Hewlett Packard Enterprise, Pointnext Technology Services, India.

The internship program was from 12/19/2019 to 7/31/2020.

As part of the internship program, the intern underwent the following trainings and played an active role in the smart agriculture project tasks mentioned below:

- Fundamentals of Computer, Networking, Storage and RAID concepts
- Introduction to Internet of Things (IoT)
- Training on various HPE Servers, Storage Products and IoT Devices
- Surveying and preparation of land for cultivation
- Designing of Smart Agriculture Project architecture using IoT technology
- Procuring the equipment like sprinklers, controllers, sensors, gateways and routers
- Implementation of the Smart Agriculture solution using the devices and equipment procured
- Monitoring the various parameters like temperature, pressure, humidity, leaf wetness, rain from various sensors and performing data analytics using dashboards to achieve more productivity with minimal resource utilization

During the tenure of the project the intern exhibited the attributes of teamwork and responsibility. We wish her all the very best for his future endeavors.

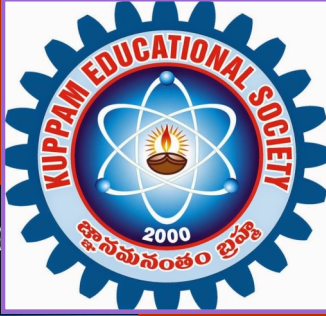
Umashree Anandalwar
Business Planning and
Strategy Manager
HPE Pointnext Services CSC Bangalore

Hewlett Packard Enterprise
GlobalSoft Private Limited
No. 39(Part), HP Avenue,
Electronics City Phase I
Bengaluru – 560100
Karnataka, India.
Phone No: 080 61530000

Hewlett Packard Enterprise
GlobalSoft Private Limited

Umashree Anandalwar
Business Planning and Strategy Manager

Regd. Office: No. 24
Salarpuri Arena
Hosur Main Road, Adugodi
Bengaluru – 560 030
CIN: U72900KA2016FTC095301



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CSE DEPARTMENT CONTACT DETAILS



Department of CSE
Kuppam Engineering College,
Kuppam—517425.
Mail: hod_cse@kec.ac.in
Website: www.kec.ac.in