



**Department of
Computer Science and Engineering
Monthly Newsletter**

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**KPR Institute of
Engineering and
Technology**

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Department of Computer Science and Engineering



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About the Department

The Department had a humble beginning with an intake of 60 students in Under Graduate program in Computer Science and Engineering (B.E.) in the year 2010. Post Graduate program in Computer Science and Engineering (M.E.) was introduced in the year 2014 with an intake of 18 students. Today the **Department caters the needs of 720 students**. The Department has been accredited by NBA and has also been recognized as a Research Centre by Anna University, Chennai.

In our department, we have 40 highly qualified, dedicated faculty members for the upliftment of the student fraternity. The curriculum and syllabi are revised once in 6 months with the feedback of alumni and industry experts to make the students meet the industry expectation for their career and development. The syllabus is embedded with GATE curriculum that strives the students to clear **competitive exams like UPSC (IAS), GATE**. The Department has state of the art infrastructure in terms of laboratories, classroom, seminar hall, etc. The Department is stepping forward to expand its wings from the national to international area through innovative teaching practices and industry/academic collaborations. Special labs such as Mobile App Development, Data Science, Machine Learning, Augmented reality and Virtual Reality, Networks and Intelligence Computing are initiated to help the students excel in industrial environment.

The Department has signed **MoUs with Emurgo Amazon Web Services, REDHAT, EMURGO** for establishing **Center of Excellences** through which the students are benefited with International certification courses like **RHCSA, BLOCKCHAIN, ORACLE, Artificial Intelligence & Machine learning from Xebia University, C-DAC CLOUD**. To equip the students, the department offers with value added courses in Data Science and Big data analytics by Dell EMC2, Oracle, Block chain and Java. Apart from academics, the college provides platform to the students in order to showcase their unique talents through various **non- technical clubs like Dance, humor, music, food photography, Art & Craft Internet radio club** etc. Liberal arts courses like roof gardening, two-wheeler maintenance and other are also offered by various departments open to all the students.

Vision of the Department

To foster the students by providing learner centric teaching environment, continuous learning, research and development to become thriving professionals and entrepreneurs to excel in the field of computer science and contribute to the society.

Mission of the Department

1. Providing value-based education and contented learning experience to the students
2. Educating the students with the state of art technologies and cultivating their proficiency in analytical and designing skills
3. Enabling the students to achieve a successful career in Computer Science and Engineering or related fields to meet the changing needs of various stakeholders
4. Guiding the students in research by nurturing their interest in continuous learning towards serving the society and the country

FACULTY DETAILS

TEACHING FACULTY

S. NO	FACULTY NAME	DESIGNATION
1	Dr Sumathi A. C.	Associate Professor
2	Dr Balamurugan A.	Professor
3	Dr Surendran D.	Professor
4	Dr Gomathy B.	Professor
5	Dr Manoj Kumar S.	Professor
6	Dr Vignesh V.	Associate Professor
7	Dr Sivakumar T.	Associate Professor
8	Dr Suresh P.	Associate Professor
9	Dr Siva Sangari M.	Assistant Professor (Sl.G)
10	Dr Devipriya A.	Assistant Professor (Sl.G)
11	Dr Jayanthi N.	Assistant Professor (Sl.G)
12	Dr Saravanan M.	Assistant Professor (Sl. G)
13	Dr Kamaraj K.	Assistant Professor (Sl.G)
14	Ms Aswathy R. H.	Assistant Professor (Sl. G)
15	Mr Rajasekaran T.	Assistant Professor (Sr. G)
16	Mr Kandasamy S.	Assistant Professor (Sr. G)
17	Mr Sivaramakrishnan R.	Assistant Professor (Sr. G)
18	Ms Vidhya K.	Assistant Professor (Sr. G)
19	Ms Salomi M.	Assistant Professor (Sr. G)
20	Mr Vijayaganth V.	Assistant Professor (Sr. G)
21	Mr Premkumar M.	Assistant Professor (Sr. G)
22	Mr Nitin B. Raut	Assistant Professor (Sr. G)
23	Mr. Selvakumar	Assistant Professor (Sr. G)
24	Mr Naveenkumar M.	Assistant Professor

25	Ms Sri Sathya K. B.	Assistant Professor
26	Ms Geetha S. K.	Assistant Professor
27	Ms Nandhini N.	Assistant Professor
28	Ms Kiruthika J. K.	Assistant Professor
29	Ms Uma Rani M.	Assistant Professor
30	Ms. Preethi T.	Assistant Professor
31	Ms Jency A Jebamani B.	Assistant Professor
32	Ms Anchal	Assistant Professor
33	Ms Jeevitha R.	Assistant Professor
34	Ms Kanaga Priya P.	Assistant Professor
35	Ms Sasikala C.	Assistant Professor

SUPPORTING STAFF

SI.NO	Name of the faculty	Desgination
1	Mr.Thangaraj R.	Lab Technician
2	Mr.Samsundar A.	Lab Technician
3	Mr. Prakash S.	Lab Technician
4	Mr. Yogesh M.	Lab Technician
5	Mr. Vishnu K.	Lab Technician
6	Mr.Rethna Kumar S.	Lab Technician
7	Ms.Ruba P.	Senior Assistant
8	Ms.Priya.C	Junior Assistant

EVENTS ORGANIZED

GD TALKS – Inter College Competition

It is a group discussion competition, organized by the Computer Science and Engineering Department in association with CSI Students' chapter, on GD TALKS – Inter College Competition was conducted on 26.1.2022 from 9.30 AM to 12.30 PM in Google meet Platform.

Participants from various departments and colleges registered for the competition. Participants started the group discussion on general topic and first topic was team work or individual work which works better participants shared their thoughts and views on the topic

All the participants will be given participation certificate. It is an internal and external event open to all the departments. Total of 30 students Registered and 30 students attended. Outcome of the Group Discussion competition was very informative and knowledge enriching competition and also build their confidents to be active in group discussion for the participants. Virtual platform-based competition gives better experience to the participants.



The poster for the GD TALKS-INTER COLLEGE COMPETITION features the following information:

- Logos:** KPR Institute of Engineering and Technology (Learn Beyond), CSI Students' Chapter, and CSE department.
- Text:** DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING & CSI STUDENTS' CHAPTER ORGANIZES
- Event Title:** GD TALKS-INTER COLLEGE COMPETITION
- Details:** DATE: 26.1.2022, TIME: 9:30AM - 12:30PM, PLATFORM: Google Meet (oab-gyzz-fvh), LINK TO REGISTER: <https://forms.gle/MDbqtpsqZogMYXby7>
- Faculty Coordinator:** Dr.B.Gomathy, Professor CSE
- Student Coordinator:** R.M.ARAVIND (7904175498), DEVADHARSHINI
- Convener:** Dr.A.C.Sumathi, HOD/CSE
- Footer:** KPRIET_CSI_CHAPTER

Journal Publications by Faculty

1. G.Kalpana, Sweta Gupta, Dr.A.Devipriya, Sarojkumar,Dec 2021, Efficient Internet of Things Smart Agricultural Crops Growth using Machine Learning with mobile applications, Indian journal of Ecology, Volume 48 issue 6 ,PP.1647-1654.
2. K.Thirumalai Raja, N. Jayanthi, Jule Leta Tesfaye, N. Nagaprasad, R. Krishnaraj, V. S. Kaushik, Jan 2022, Using an Artificial Neural Network to Validate and Predict the Physical Properties of Self-Compacting Concrete, Advances in Material Science and Engineering, Volume 2022 |Article ID 1206512.
3. Tuan Anh Nguyen, Iure Fe, Carlos Brito, Vishnu Kumar Kaliappan, Performability Evaluation of Load Balancing and Fail-over Strategies for Medical Information Systems with Edge/Fog Computing Using Stochastic Reward Nets, Sensors, <https://doi.org/10.3390/s21186253>.
4. K.Thirumalai Raja, N.Jayanthi,Jan 2022,Durability performance of self-compacting concrete with agricultural by products as cement replacement, Journal of Environmental Protection and Ecology, Vol 22,Issue 6.,2402-2416.
5. Hariharan Bhagavathi, Siva Rathinavelayatham, Kaliraj Shanmugaiyah, Kamaraj Kanagaraj, Jan 2022, Dinesh Elangovan, Improved beetle swarm optimization algorithm for energy efficient virtual machine consolidation on cloud environment, Concurrency and Computation Practice and Experience, SCI, <https://doi.org/10.1002/cpe.6828>
6. Sivaramakrishnan Rajendar, Vishnu Kumar Kaliappan,2021,“Recent Advancements in Autonomous Emergency Braking: A Survey” ,5th International Conference on Electronics, Communication and Aerospace Technology (ICECA), [DOI: 10.1109/ICECA52323.2021.9675885](https://doi.org/10.1109/ICECA52323.2021.9675885)

Deviations (if any)



Together we will