



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

Volume 3 Issue 4

OCTOBER 2021



**KPR Institute of
Engineering and
Technology**

EDITORIAL BOARD

CHIEF PATRONS

Shri.K.P.Ramasamy
Chairman

Shri.K.P.D.Sigamani
Managing Director

PATRONS

Dr.A.M.Natarajan
Chief Executive

Dr.M.Akila
Principal

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

CHIEF EDITOR

Dr Sumathi A. C.
Associate Professor and Head
Department of Computer Science and Engineering

EDITORS

Mr. M. Naveenkumar
Assistant Professor

Ms. N. Nandhini
Assistant Professor

Department of Computer Science and Engineering

TABLE OF CONTENTS

1	ABOUT THE DEPARTMENT	4
2	VISION & MISSION OF THE DEPARTMENT	5
3	FACULTY DETAILS	6-7
3	EVENTS ORGANIZED	8-9
4	JOURNAL PUBLICATION BY FACULTY	10
5	PATENT PUBLICATION	10
6	PLACEMENT ACTIVITIES	11-12

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	Dr 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

Quiz Competition - “Intra Tech Quiz Competition”



It is an online quiz competition, organized by the Computer Science and Engineering Department in association with CSI Students' chapter, on various emerging technologies like Internet of things, Web development, Mobile application development, Artificial intelligence was conducted on 09.10.2021 from 10 AM to 4 PM so as to improve the technical knowledge of students. It is an online quiz competition , held in the google forms platform. All the participants will be given participation certificate. It is an internal event open to all the departments of kpriet .Total of 33 students Registered and 23 students attended. Outcome of the quiz competition was very informative and knowledge enriching competition for the participants. Virtual platform based competition gives better experience to the participants

Seminar - “Pathway to Blockchain Success in Europe”



The Centre for Blockchain Technology, Department of Computer Science and Engineering and KPR International Centre organized a Seminar on “Pathway to Blockchain Success in Europe” on 26-10-2021, from 11.45 am to 01.00 pm. The programme commenced with a welcome address by Dr.J. Indra, AsP/ ECE. The resource person was Mr. Deepak Kumar Murugan, Head of Operations & HR, bitCrunch, Germany. The seminar lasted an hour and a half. The resource person discussed seven life-changing practices that can help students to lead a successful professional life. The speaker also pointed out the higher education options and blockchain trends in European countries. A total of 80 participants were benefitted out of it. It was a very good interaction indeed.

Journal Publications by Faculty

1. A. John Blesswin, G. Selva Mary, S. Manoj Kumar, 28 August 2021 ,Multiple Secret Image Communication Using Visual Cryptography, Wireless Personal Communications, SCI.
2. Joy Lal Sarkar, Ramasamy V., Abhishek Majumder, Chhabi Rani Panigrahi, Gomathy B, Bibudhendu Pati, Apu Kumar Saha, SensMask: An Intelligent Mask for Assisting Patients during COVID-19 Emergencies, Computación y Sistemas, SCI, Vol. 25, No. 3, 2021, pp. 483–492.
3. Dr.N.Jayanthi, D. Manohari, Mohamed Yacin, Mohamed Abdelkader, Mohamed Ibrahim, C. Bharatiraja, Sep 2021, Multi-Model Detection of Lung Cancer Using Unsupervised Diffusion Classification Algorithm, Intelligent Automation & Soft Computing, SCI.
4. A. Arunkumar, D. Surendran, Computer Systems Science and Engineering, Oct 2021, Autism Spectrum Disorder Diagnosis Using Ensemble ML and Max Voting Techniques, SCI, Vol.41, No.1, pp.389-404.
5. V. BenharCharles , D. Surendran, A. SureshKumar , Oct 2021 , Heart disease data based privacy preservation using enhanced ElGamal and ResNet classifier, Biomedical Signal Processing and Control (Elsevier), Volume 71, Part B,2022,103185,ISSN 1746-8094.
6. R.Gopi , P.Muthusamy , P.Suresh, Gavriel Santhosh Kumar, Oct 2021, Optimal Confidential Mechanisms in Smart City Healthcare, Computers, Materials & Continua, Vol.70, No.3, 2022, pp.4883-4896.
7. Irina V.Pustokhina, Denis A.Pustokhin, Aswathy.RH, T.Jayasankar, C.Jeyalakshmi, Vicente GarcíaDíaz, K.Shankar, Nov 2021, Dynamic customer churn prediction strategy for business intelligence using text analytics with evolutionary optimization algorithms, Information Processing & Management

Patent publication

1. Dr.K.Kamaraj published the patent titled on " Design of Cloud-based Smart Health System for Clinical Image Analysis using R-CNN" on 01/10/2021.

Placement Activities

- 02 of our CSE students of **2022** batch got placed in **SILICON LAB** with **15.14 LPA** package
 1. Gokula Santhiya
 2. Aisvarya S
- 06 of our students from **2022 batch** got placed in Infinite Computer Solutions as Associate Software Engineer/Associate Support Test Engineer with salary package of 3.5 LPA
 1. Dinesh Arjun T
 2. Divya G
 3. Gayathri K
 4. Kamesh R
 5. Mohamed Thaga A
 6. Naveen Balaji
- 06 of our students from **2022 batch** got placed in CSS Corp with salary package of 3.6 - 3.75 LPA
 1. Dilsha Vijay - Fullstack
 2. Anuprabha - Fullstack
 3. Aisvarya - Fullstack
 4. Nivetha - Wireless NW
 5. Gopika - Wireless Nw
 6. Adarsh - Wireless Nw

- 1 of our CSE student of **2022** batch got placed in Matrimony.com as Software Engineer with 3.5-4.5 LPA.

1. Nishanth M-CSE

- 02 of our students of **2022** batch got placed in **Aastrin Aviation** with **3.5 LPA** package

1. Avanthica S

2. Haripriya V

- 07 of our students of **2022** batch got placed Avasoft 3 and 4 LPA

1. Sofia R

2. Arun prasath D

3. Pavithra R

4. Sree Swasthik N

5. Sathish J

6. Tamilvanan G

7. Dinesh Arjun

Deviations (if any)



Together we will