



KCG

COLLEGE OF TECHNOLOGY



CODER'S CONNECT



DEPARTMENT
OF CSE



TO MAKE EVERY MAN A SUCCESS AND
NO MAN A FAILURE

Volume : 04 Edition : 01 Month & Year: July 2020



Content

- 01** Vision & Mission
- 02** Faculty - Research Activites
- 04** Events
- 05** Achievements - Students
- 06** Patent

VISION

The department of Computer Science and Engineering desires to become a prominent centre of excellence for producing competent IT professionals for providing software and software enabled solutions.

MISSION

Provide quality education in the field of computer science and engineering & related domains. Facilitate socially responsive research and innovation. Inculcate professional behaviour, a spirit of entrepreneurship and commitment to the progress of the nation.

EDITORIAL'S DESK

Welcome to the Office of the Head of the Department at KCG College of Technology! Our department is dedicated to providing a nurturing and supportive learning environment for our students. We go beyond traditional academics, focusing on holistic development through rigorous programs, hands-on learning, and character building. Our commitment aligns seamlessly with the college's vision of nurturing future leaders. We are enthusiastic about collaborating to achieve excellence in education and research, preparing our students for success in their chosen fields and empowering them to make a positive impact on the world.

CODER'S CONNECT|TEAM

FACULTY COORDINATOR – VASANTHA KUMAR V, AP

STUDENT COORDINATORS – PADMAPRIYA.E – 3RD YEAR,

NIVEDHA.M – 3RD YEAR,

NASREEN BANU.S – 3RD YEAR,

SAI LAXMI.A – 3RD YEAR



FACULTY RESEARCH ACTIVITES

1) PAPER PUBLICATIONS



DR. KRISHNAMURTHY M

- Dr. Krishnamurthy.M, “Quantify the Behaviour Intention of Individuals to Control SC Performance by Exploring Cloud Storage Services: An Extended UTAUT2 Approach”, International Journal of Technology and Human Interaction. 18. 1-28. 10.4018/IJTHI.306227 (2017).
- Dr. Krishnamurthy.M, “Analyzing the behavior of youth to sociality using social media mining”. International Journal of Technology and Human Interaction.1231-1235.10.1109/ICCONS.2017.8250665.
- Dr. Krishnamurthy.M, "Efficient Intelligent Generic Recommendation Knowledge Graph in Education Domain using Association Rule Mining and Machine Learning", International Journal of Innovative Technology and Exploring Engineering in 2019.

DR SANKAR S

- Dr. Sankar S, "Hemorrhage Detection System Using Watershed Segmentation", International Journal of Applied Engineering Research in 2019.
- Dr. Sankar S, "An Efficient Hemorrhage Detection System using Decision Tree Classifier," International Journal of Recent Technology and Engineering (IJRTE) in September 2019.





DR. R. DHANALAKSHMI

Dr. Dhanalakshmi R, "An Efficient Hemorrhage Detection System using Decision Tree Classifier," International Journal of Recent Technology and Engineering (IJRTE) in September 2019.

DR. PALANIAPPAN .S

Dr. Palaniappan, "Exploring the Efficiency of Various Supervised Machine Learning Techniques to Predict the Heart Disease Using Risk Factors." International Journal of Innovative Technology and Exploring Engineering, vol. 9, no. 1S, 14 Dec. 2019, pp. 309–312, <https://doi.org/10.35940/ijitee.a1063.1191s19>. Accessed 21 June 2020.



MR. S. BAIRAVEL

Mr. S. Bairavel, "Aspect Based Sentiments from Tweets using Co-Ranking Multi-Modal Natural Language Processing Methodologies," International Journal of Recent Technology and Engineering (IJRTE) in January 2020.

DR. BALAJI A

Dr. A. Balaji & Mr. Selvaraju, Mr. Sendhilkumar & Ms. G S, Mahalakshmi, "Tracing best semantic path using co-citation proximity analysis. Biblios: International Journal of Librarianship and Information Science". 15-28. 10.5195/biblios.2019.349. (2019).



MR. PRABAKERAN S

Mr. Prabakeran, Mr. Saravanan & Ms. Sethukarasi, "T Optimal solution for malicious node detection and prevention using hybrid chaotic particle dragonfly swarm algorithm in VANETs. Wireless Networks." 26.10.1007/s11276-020-02413-0.

MS. KEERTHANA S M

Ms. S.M, Keerthana & Ms. L, Priyanga & Ms. K.G, Lavanya & Mr. D, Balakrishnan, "Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis. International Research Journal of Multidisciplinary Technovation". 1. 47-54. 10.34256/irjmtcon7. (2019).



PATENT PUBLISHED

Dr. Krishnamurthy M and colleagues published a patent titled "Intelligent Breaking Assistance," highlighting their innovation in the field of braking systems, in January 2020.



Dr. Palaniappan S and collaborators released a patent titled "Android Controlled Robotic Arm," showcasing their work in the development of robotic control systems, in January 2020.

Ms. Menga D and her team published a patent titled "A Design and Development of Smart Aquaculture System in a Cloud Environment Using IoT," underlining their contribution to creating advanced IoT-based aquaculture solutions, in December 2019.



Dr. Dhanalakshmi R and her team filed a patent titled "IoT Based Water Quality Monitoring for Agriculture Use," demonstrating their innovative approach to improving agricultural practices through technology, in December 2019.

Dr. Balaji A and Ms. Minu Susan Thomas were honored with the Inspire-Infosys Campus Connect Faculty Award 2019 at the Bronze Level, recognizing their significant contributions to education and collaboration with industry partners in the field of information technology.



EVENTS

Newbies' Approach to Blockchain Technology

Dr. Ferdin Joe John Joseph, a renowned Data Science and Analytics lecturer, shared insights on newcomers' exploration of Blockchain Technology during a lecture at the Thai-Nichi Institute of Technology, Bangkok, on May 23, 2020. Emphasizing fundamental concepts and practical applications, Dr. Joseph illuminated the potential of blockchain to revolutionize various industries. His engaging lecture inspired attendees, equipping them with a deeper understanding and enthusiasm for blockchain technology's transformative power.

VMware VITA Day for Online course

The department organized the VMware VITA Day for Online Course workshop, in which Mr. Prabakeran S participated. This event, held within the Computer Science and Engineering (CSE) department, took place on September 1, 2020. It likely provided attendees with valuable insights and hands-on experience related to VMware's virtualization technologies, showcasing the department's commitment to enhancing students' knowledge and skills in the field of computer science.

AWS Academy Certified Cloud Practitioner course

The department organized the "AWS Academy Certified Cloud Practitioner" course, in which Prabakeran S successfully participated. Held within the Computer Science and Engineering (CSE) domain, this workshop took place on December 9, 2019. The course provided participants with essential knowledge in cloud computing principles and AWS services, reflecting the department's dedication to offering valuable opportunities for students to excel in cloud technologies within the CSE field.

Salesforce trail mix-Student Salesforce Journey

The department organized the "AWS Academy Certified Cloud Practitioner" course, in which Prabakeran S successfully participated. Held within the Computer Science and Engineering (CSE) domain, this workshop took place on December 9, 2019. The course provided participants with essential knowledge in cloud computing principles and AWS services, reflecting the department's dedication to offering valuable opportunities for students to excel in cloud technologies within the CSE field.

STUDENT – ACHIEVEMENTS

- Delphin, Abarnaa, and Akshaya, our dedicated CSE students in their third year, demonstrated outstanding commitment and enthusiasm by participating in the memorable 'KRANTI2K19' event on August 20, 2019.
- Akshaya, Abarnaa, and Nandhini, our dedicated CSE students in their third year, demonstrated outstanding commitment and enthusiasm by participated in the memorable 'EPSILON' event on August 17, 2019.
- S. Thanvir Ibrahim, Kadir V.T, and S.S. Sreedeeep, our talented CSE students in their third year, participated in the 'ZEPPLIN 2019' event, showcasing their dedication from September 9th to 10th, 2019.
- Shruti U, Sruti T, Shrijith, Naveen G, and Navneeth, third-year CSE students, participated in an Inter-Departmental Paper Presentation on September 18, 2019, showcasing their commitment to academic excellence and knowledge-sharing.
- Pavithra S and Ramyaa S, both third-year students in the field of Computer Science and Engineering, participated in the KCG Women's Coding Club event on September 28, 2019.
- Priyadharshini A, Nivedha M, Nasreen Banu S, Padmapriya E, and Sai Laxmi A, all third-year students in the field of Computer Science and Engineering, participated in the 'ZEPPLIN - 2019' event on September 10, 2019.
- Sivaram E, participated in Smart India Hackathon 2019 from 5th to 15th July, Infant Sam Christian, Vijayakumar J, and Madhurajayalakshmi R excelled in SIH'19-Hardware Edition from 8th to 12th July.



Kirthana R, Gokul S, Jyoti Kumari Singh, Abhishek M, and Dinesh R also shone in SIH'19-Hardware Edition during the same dates. Additionally, Sai Manjunath and Ram Sankar R demonstrated their skills in the HACKATHON event on 10th and 11th August.