

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Jul'2020-Dec'2020

Chief Editor: Dr.S.Angel Latha Mary,HOD /CSE

Editor: Dr.M.Prakash, Prof. /CSE

Co – Editor: Mrs.E.Ramakalaivani,AP/CSE

Student Editorial Board: M.Kalaivathi (19P316),T.Sanmathi (19P129),S.Saranya(19P334)

Vision of the Institute

To become one of the best institutions at the National and International level by incorporating innovative teaching -learning methods to enable the students to secure a high-value career, motivate to pursue higher education and research to serve the society

Mission of the Institute

- To bring out knowledgeable engineers and professionals in their field of specialization by having qualified and trained faculty members and staff besides necessary infrastructure and to create highly conducive teaching and learning environment .
- To work in close association with stakeholders by way of enhanced industry – institute interaction, to take up need based research and industry specific programmes.
- To organize co-curricular and extracurricular activities for character and personality development to produce highly competent and motivated engineers and professionals to serve and lead the society.

Vision of the Department

To create computer professionals with a strong academic and technical background to achieve special distinction at the international arena and also to serve and lead the society.

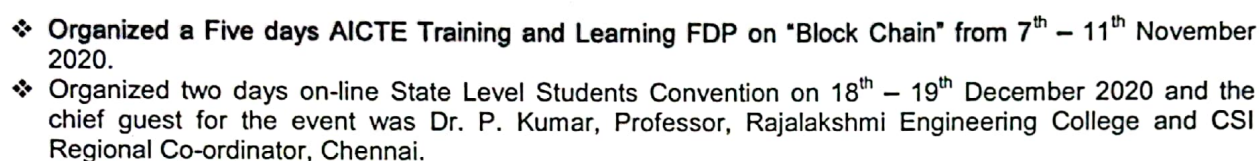
Mission of the Department

- Providing excellent learning opportunities for students in Computer Science and Engineering to meet the needs of Nation as a whole.
- Establishing centers of research in areas of the immediate needs to the society
- Develop ICT based solutions for the development of the nation.

WARM WELCOME TO

- ❖ Ms.Rekha Priya, Ms.Kavitha, Mr. Dilipan P, Mrs.Anusha T, Mr.Anbarasan B, Mr.Kumarasan R, Mr.Raja Sekaran S, Mrs.Divya S, Mrs.Ramya S, Mrs.Rani K, Mrs.Priyadharshini T, Mrs.Indhumathi R, Mrs.Saranya N, Mrs.Saranyadevi A, Mrs.Baranishri A and Ms.Subbulakshmi joined as Assistant Professor on 24th August 2020.

- ❖ Organized a Five days on-line Faculty Development Program on "Insight and Trends in Data Analytics" from 21st -26th August 2020



FACULTY ACHIEVEMENTS

Journal Publications/ Paper Presentation /International/ National conferences:

Dr.S.Angel Latha Mary, Prof. & Head

- ❖ Published a paper titled "Two step verification system using face recognition", International Journal of Grid and Distributed Computing, Vol. 13, No. 1, pp. 272-279, 2020.

Dr.M. Prakash, Professor

- ❖ Published a paper titled "Active Volume Control in Smart Phones Based on User Activity and Ambient Noise", Sensors, Vol. 20, No. 15, p. 4117, pp. 1-17, 2020.

Dr.Justin Varghese Professor and Mr.G.Ashok Kumar,Assistant Professor

- ❖ Published a paper titled "Adaptive switching interpolation filter for restoring impulse corrupted digital images", IET Image Processing, Vol. 14, No. 12, p. 2869 – 2878, 2020.

Dr.Justin Varghese Professor

- ❖ Published a paper titled "Development of hand gesture recognition system using machine learning", in Journal of Ambient Intelligence and Humanized Computing, Vol. 12, No. 1, pp. 6793-6800, 2020.

Dr.S.Kannimuthu, Associate Professor

- ❖ Published a paper titled "An integration of big data analytics and cyber security-a panoramic survey" in International Journal of Advanced Research in Engineering and Technology, Vol. 11, No. 9, pp.747- 754, 2020.
- ❖ Published a paper titled "Enhancing Data Security in Video Steganography using RSA Encryption, Huffman Coding with LSB Reverse" in International Journal of Advanced Science and Technology, Vol. 29, No. 8, 2020.

Ms.K. Subhashree, Assistant Professor

- ❖ Published a paper titled "Comprehensive Analysis on Social Engineering Attacks" in Journal of Xi'an Shiyou University, Natural Science Edition, Vol. 16, No. 9, pp. 221-228, 2020.

Ms.D. Aarthi, Assistant Professor

- ❖ Published a paper titled "Autism spectrum disorder analysis using Artificial Intelligence: A survey", International Journal of Advanced Research in Engineering and Technology, Vol. 11, No. 10, pp. 235-240, 2020.

Ms.S. Yamuna Devi and Ms.P.V.Ashwathy Devraj Assistant Professor

- ❖ Published a paper titled "Preservation of Location Based Privacy using Question Based Protocol for Effective Green Communication", Journal of Green Engineering, Vol. 10, No. 9, pp. 7064–7077, 2020.

Seminar / Workshop / FDPs / STTPs – Presented / Attended

Dr.Justin Varghese Prof/CSE

- ❖ Attended Faculty Development Program on "ICT Based Teaching and Learning Process" Organized by RCP, Roorkee from 1st - 5th July 2020.

Dr.M. Prakash, Prof/ CSE

- ❖ Attended Faculty Development Program on "IT Infrastructure and Cyber Security" at Oriental College of Technology, Bhopal from 25th - 26th July 2020.
- ❖ Attended Faculty Development Program on "Cyber Security" Organized by ATAL, Motilal Nehru National Institute of Technology Allahabad from 7th - 11th September 2020.
- ❖ Attended Faculty Development Program on: "Artificial Intelligence" Organized by ATAL, Motilal Nehru National Institute of Technology Allahabad from 1st - 5th October 2020.
- ❖ Attended Short Term Training Program on "Computer Forensics and Cyber Crime" at JSS Academy of Technical Education, Noida from 23rd - 28th November 2020.

Dr.M. Prakash and Dr P.Murugeswari Professor

- ❖ Attended Faculty Development Program on "Penetration testing and Malware analysis" Organized by NITTTR, Chandigarh from 20th - 31st July 2020.

Dr P.Murugeswari ,Professor

- ❖ Attended Short Term Training Program on "Deep Learning and its Applications using Tensor Flow and Keras" at R.M.K Engineering College from 3rd - 8th August 2020.
- ❖ Attended Workshop on "Artificial Intelligence using MATLAB" Organized by St. Josephs College of Engineering from 13th - 14th August 2020.
- ❖ Attended Short Term Training Program on "Potential challenges for integrating 5G networks" at Hindustan College of Engineering and Technology from 19th – 24th 2020.

- ❖ Attended Faculty Development Program on "Penetration testing Using Metasploit" from 31st August 2020 to 4th September 2020 Organized by NITTTR, Chandigarh.
- ❖ Attended Faculty Development Program on "Data Science using python" from 4th - 18th September 2020 Organized by NITTTR, Chandigarh.
- ❖ Attended Faculty Development Program on "Walk Through in Python for ML" from 21st - 25th September 2020 Organized by Vellore Institute of Technology.

Dr P.Arunkumar PM ,Associate Professor

- ❖ Attended Faculty Development Program on "Advance Computing and Allied Technologies in Computer Science" from 3rd - 8th August 2020 by EWIT, Bangalore.
- ❖ Attended Short Term Training Program on "Blockchain Architecture Design and Use Cases at GEC, Krishna Dt from 10th - 15th August 2020.

Dr.Justin Varghese, Dr.S.Kannimuthu and Dr.Bhuvaneshwari K.S, Associate Professor

- ❖ Attended Faculty Development Program on "ICT Based Teaching and Learning Process" Organized by RCP, Roorkee from 1st - 5th July 2020.

Dr.N.Chitra Devi, Ms.Vaishnavi B and Mr.Madhan Mohan, Assistant Professor

- ❖ Attended Faculty Development Program on "Future Scope in IT" Organized by Paavai Engineering College, Namakkal from 6th - 10th July 2020.

Dr.Arul Antran Vijay S, Associate Professor

- ❖ Attended Faculty Development Program on "Big data" Organized by Wipro from 16th - 20th November 2020.

Ms.Rama Kalaivani E, Assistant Professor

- ❖ Attended Faculty Development Program on "Advance Research Methodology and Innovative Teaching Pedagogy" Organized by TGP College of Engineering and Technology, Nagpur from 8th - 13th June 2020.

Ms.Rama Kalaivani E and Mr.Nandhini R Assistant Professor

- ❖ Attended Faculty Development Program on "Artificial Intelligence" Organized by Panimalar Engineering College. from 16th - 20th November 2020.

Mr.Udaya Nirmala Mary R, Ms.A.Vinitha and Mr.Vinoth Selvin S, Assistant Professor

- ❖ Attended Faculty Development Program on "Machine Learning and Cloud Infrastructure" Organized by JEC, Chennai from 6th - 10th July 2020

Mr.Rama Mani S and Ms.Kiruba J, Assistant Professor

- ❖ Attended Faculty Development Program on "Advance Computing and Allied Technologies in Computer Science" Organized by EWIT, Bangalore from 3rd - 8th August 2020.

Ms.Rama Kalaivani E , Ms.S. Yamuna Devi and Ms.P.V.Ashwathy Devraj, Ms.K. Subhashree Assistant Professor

- ❖ Attended Faculty Development Program on "Block Chain Organized by Karpagam College of Engineering " from 7th - 11th December 2020.

Ms.P.V.Ashwathy Devraj,AP/CSE

- ❖ Attended Faculty Development Program in "Cyber Security" Organized by Poornima Institute of Engineering and Technology from 6th - 10th October 2020.
- ❖ Attended Faculty Development Program on" Fundamentals of Kotlin" Organized by Vel Tech Multi Tech from 9th - 13th November 2020.

Ms.K. Subhashree,AP/CSE

- ❖ Attended Faculty Development Program on "Modern IOT Technology – Tools and Design for real time applications" Organized by Sri Sairam Institute of Technology from 3rd - 9th June 2020.

Ms.Senthil Anandhi A, Assistant Professor

- ❖ Attended Faculty Development Program on "Flutter UI Design" Organized by ICT ACADEMY from 23rd - 30th November 2020.
- ❖ Attended Faculty Development Program on "Computer Architecture" Organized by MSAJCE, Chennai and MSEC, Kilakarail from 21st - 23rd December 2020.

Ms.K. Subhashree and Ms.Senthil Anandhi A, Assistant Professor

- ❖ Attended Faculty Development Program on "Ideas and Innovations in Blockchain Architecture, Technology and its Research Applications (Phase – I)" Organized by Syed Ammal Engineering College, Ramanathapuram from 16th - 29th November 2020.

Ms.K.Keerthika, Assistant Professor

- ❖ Attended Faculty Development Program on "Modern IOT Technology Tools & Design for Real Time Applications" Organized by Modern IoT Technology Tools & Design for Real Time Applications from 3rd - 9th July 2020.
- ❖ Attended Faculty Development Program on "Outcome Based Education" Organized by Vmedulife Software Services from 8th - 9th July 2020.
- ❖ Attended Workshop on "Cyber Security" Organized by SVCET, Chittoor from 14th - 19th December 2020.

Ms. D. Aarthi, Assistant Professor

- ❖ Attended Faculty Development Program on "Emerging Technologies in Advanced Computing" Organized by East West Institute of Technology from 27th - 29th August 2020.
- ❖ Attended Faculty Development Program on "Research Perspectives in Machine Intelligence and Computing" Organized by Sri Sai Ram Institute of Technology from 27th - 31st October 2020.