

ABOUT THE CONFERENCE

Fog and Edge computing are methods of constructing a distributed system in which some applications, as well as computation and storage services, are provided and managed by central clouds and smart devices, which are located at the edge of networks in close proximity to mobile devices, sensors, and end users and others are provided and managed by the centre cloud and a set of small in-between local clouds supporting IoT at the edge. Fog and Edge Computing are cloud-based middle layer that connects the centre cloud and the edges, providing specialized services using hardware and software. The issue is executing such a procedure, managing the entire system, defining and creating Fogs and Edges, providing workflow, and providing Edge Computing (computing, storage, and networking) services. Many problems remain unsolved because they aren't well characterized, and Fog and Edge Computing isn't fully defined yet. AICTE International Conference on Recent Advances in Fog and Edge computing aspires to be a premier international conference for researchers and industry practitioners to discuss the most recent basic achievements in the state of the art and practice of Fog and Edge computing, as well as to identify upcoming research issues and determine the future of Fog and Edge computing.

IMPORTANT DATES

Paper Submission : 11.04.2022
Paper Acceptance : 13.04.2022
Camera-ready : 16.04.2022
Registration Deadline : 18.04.2022

REGISTRATION FEE

Industrial Delegates : Rs. 1,500/-
Academic Faculty & Research Scholars : Rs. 1000/-
Students : Rs. 500/-

CONFERENCE COMMITTEE

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SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

AN AUTONOMOUS INSTITUTION | AFFILIATED TO ANNA UNIVERSITY |
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KUNIAMATHUR, COIMBATORE - 641008



**AICTE, New Delhi
Sponsored**

**INTERNATIONAL CONFERENCE ON
RECENT ADVANCES IN FOG AND EDGE COMPUTING**

25.04.2022 and 26.04.2022

**ORGANISED BY
DEPARTMENT OF INFORMATION TECHNOLOGY**



ABOUT THE INSTITUTION

Sri Krishna College of Engineering and Technology is an autonomous Institution, accredited by NAAC with 'A' Grade (3.42 out of 4 Scale). The Institution offers 9 UG Programmes, 9 PG Programmes and 1 Integrated Programme. Seven of its UG Programmes are accredited by the NBA. SKCET provides an exciting academic environment with well qualified and dedicated faculty members to inspire and nurture the student fraternity. The Institution is ranked 78th among engineering colleges in India by the MHRD- National Institution Ranking Framework 2020 and achieved All-India 2nd rank among private self financing Institutions in ARIIA 2020 rankings. SKCET has also secured second rank among technical colleges in all India Swachh campus awards 2019 and recognized as the Top 5th Private Engineering College with best value for money in India Today MRDA Rankings 2021. The Institution is bestowed with world class facilities including state of the art laboratories, smart classrooms, library, multiplex theatre, athletic cum football field, gymnasium, health center, indoor stadium and open air theatre, making it a suitable place for young engineers to realize their dreams. The college has an active Innovation and Entrepreneurship Development Centre (IEDC) funded by the Department of Science and Technology (DST), Government of India. The Institution also has a vibrant Research Incubation Cell (RIC) to provide incubation support to the budding entrepreneurs. The Institution provides mentoring support, office space and testing facilities to the start-ups to commercialize their creative ideas. SKCET has an active MHRD supported Institution Innovation Council (IIC) to promote the culture of innovation and entrepreneurship among the students and faculty. The IIC of SKCET has been bestowed with 4 star ratings with 100/100 points for its outstanding performance. Aiming at the fruitful outcomes such as technical support, training, industrial exposure, internships, placements, SKCET has signed 32 MoUs and established 12 Centres of Excellence with leading Industries and premier Institutions like NITTTR - Chandigarh, Tata Consultancy Services, Virtusa Corp, Valparaiso University, Siene Aerospace-Dubai, Barry Wehmiller, Shanthi Gears, Sector Skill Council, to name a few. SKCET excels in its efforts towards achievement of academic goals and it is noteworthy to mention that SKCET is chosen by MHRD to host 'Smart India Hackathon - Software Version' during 2017, 2018, 2019 and 2020, consecutively. SKCET students have participated in several hackathons and secured prizes and internships from various reputed national and international organizations like Harvard University, USA, National University of Singapore, Smart-India Hackathon, ASEAN Hackathon and Google to name a few.

ABOUT THE DEPARTMENT

The Department of IT was established in the year 1998. The department holds one U.G. Degree Programme- B.Tech Information Technology. The total sanctioned intake of the IT department is 180 student, which is empowered by 40 faculty. Careers in Information technology deal with the design, creation, management and maintenance of the varied components of the system, including software, hardware, networks, systems integration and multimedia. Amazon, ZOHO, Accenture, Fourkites, Informatica, Sirius, Codingmart, Hashed In, Zikler Technology, Coviam, Odessa, Kaar, Virtusa, Intain, Value labs, Astrazeneca, Gain insights, Aspire Systems, Vedantu, Atlas, Freshworks, Vuram Technologies, Infoview, Athena Health Care, Skill Lync, Tech Mahindra Ltd., are some of the prominent placement companies that visit our campus offering a good package. Computer Society of India, Dream Dicto club, Picanto club and Think in a Wink Club are the active clubs of the department and students are encouraged to be a part of professional bodies like Association of Information Technology Professionals (AITP), Association of Software Professionals (ASP), IEEE and ISTE.

The Major Topics of the Conference are as follows, but not limited to:

- Data centers and infrastructures for Fog/Edge computing
- Middleware and runtime systems for Fog/Edge infrastructures
- Programming models for Fog/Edge computing
- Storage and data management platforms for Fog/Edge computing
- Scheduling for Fog/Edge infrastructures
- Distributed and federated machine learning on Fog/Edge
- Performance monitoring and metering of Fog/Edge infrastructures
- Legal issues and business aspects of Fog/Edge computing
- Security, privacy, trust and provenance issues in Fog/Edge computing
- Modeling and simulation of Fog/Edge environments
- Novel, latency-sensitive and locality-critical applications of Fog/Edge computing



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GUIDELINES

Submitted papers must represent original unpublished research that is not currently under review for any other conference or journal. Papers not following these guidelines will be rejected. Submissions received after the due date, exceeding the page limit, or not appropriately structured may not be considered. Authors may contact the conference chairs for more information. Authors are invited to submit their research articles to the mail id.

icrafec@skcet.ac.in

PUBLICATION

Selected papers of ICRAFEC'22 after peer review process will be published in one of the following reputed journals listed below with additional cost.

1. Journal of Computational Science and Intelligent Technologies
2. Materials Today: Proceedings