

|| Jai Sri Gurudev ||



Sri Adichunchanagiri Shikshana Trust (R)

SJC Institute of Technology

Chickballapur - 562101, Karnataka, India

VTU Affiliated, AICTE Approved, Accredited by NAAC & NBA (ECE, CSE, ISE, ME, CE, AE), Gold Rated by QS I-Gauge



IEEE International Conference on Knowledge Engineering and Communication Systems
(ICKECS-2022)

December 28-29, 2022



About SJC Institute of Technology

Sri Jagadguru Chandrashekaranaatha Swamiji Institute of Technology (SJCIT) is a premier institute, established in 1986 by Sri Adichunchanagiri Shikshana Trust(R) founded in 1974 by the divine soul Jagadguru Padmabhushana Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji. The trust is under the astute visionary & spiritual guidance of Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji. SJCIT is one of the renowned technical institutions providing quality education in Karnataka. The college campus is spread over 64 acres of lush green environment and is located near Muddenahalli, the birthplace of the Architect of Modern India, Bharat Ratna Sir M. Visvesvaraya. The college is situated on Bengaluru - Bellary National Highway (NH-44) about 50 kms from Bengaluru and 20 kms from Kempegowda International Airport. The Institution is accredited by NAAC and offers Nine UG Courses: ECE, CSE, ISE, ME, CE, AE, AS, AI-ML & CV(Kan) and Five PG Courses in Engineering and MBA along with Nine VTU recognized R&D centers. The institute has an excellent track record of results with university ranks and placements in past years. Along with academics, the students also participate and excel in extra-curricular and co-curricular activities through active cultural, sports and social groups. Our goal is to mould students into highly skilled technical and management professionals with a wide range of analytical, strategic and leadership capabilities to meet the global challenges. Some of the highlights of our institution are as follows:

- 35 years of excellence with relentless service to society imparting quality education.
- 3000+ Students and 24000+ alumni network.
- 200+ Experienced, well qualified and Passionate faculty with 50+ Doctorates and 90+ pursuing Ph.D.
- Training and Expert Guidance on Technical Domains for Placement and Career Development with blended training model using automated training tools.
- BGS-SJCIT Incubation foundation, IP Cell, EDC, CoEs, Student Excellence and Empowerment Development Center (SEED).
- BGS R&D Centre-BARC, NAIN, BOSCH REXROTH Automation Centre. Completed funded projects worth 3 crores and ongoing sponsored projects worth 1 crore.
- MoUs with reputed companies leading to Internships, Projects and Industry visits.

Vision

Preparing Competent Engineering and Management Professionals to Serve the Society.

Mission

- Providing Students with a Sound Knowledge in Fundamentals of their branch of Study.
- Promoting Excellence in Teaching, Training, Research and Consultancy.
- Exposing Students to Emerging Frontiers in various domains enabling Continuous Learning.
- Developing Entrepreneurial acumen to venture into Innovative areas.
- Imparting Value based Professional Education with a sense of Social Responsibility.



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



About the ICKECS-2022

International Conference on Knowledge Engineering and Communication Systems (ICKECS-2022) is intended to provide a common platform to the Research Scholars, Academicians, Scientists, Industrial Practitioners and Engineers in frontline evolutionary and challenging fields. ICKECS-2022 will act as a premier forum for researchers and practitioners interested in advances and applications of Knowledge Engineering, Image Processing and Communication Systems. It is an opportunity to observe the latest research trends and recent ideas in these areas. ICKECS-2022 aims to strengthen relationships between Industries, Organizations and Institutions.

The foremost objective is to create a networking stage for intellectuals, to exchange their ideas and findings for technological evolution to benefit society. It is expected to bring the global researcher community together for knowledge sharing, innovation and technological achievements. Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, experiment works and industrial experiences that describe significant advances within the scope of the conference.

Key Persons

Divine Blessings

His Holiness Jagadguru Padmabhushana

Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji

Founder President, Sri Adichunchanagiri Shikshana Trust®

Chief Patrons

His Holiness Jagadguru

Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji

President, Sri Adichunchanagiri Shikshana Trust®

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Call for Papers

ICKECS-2022 invites full length original research contributions by researchers/professional from R&D organizations, Academic Institutions and government departments from across the world.

https://conferences.ieee.org/conferences_events/conferences/conferencedetails/56523

Conference Tracks

Knowledge Engineering

- ❖ Intelligent Information Processing Systems
- ❖ Data Warehousing, Data Mining, Web Mining and Knowledge Management
- ❖ Data grids, Cloud Computing, Big Data, Data Science and Predictive Analytics
- ❖ Computer Graphics and Animation, Computer Vision, Content Based Image Retrieval, HCI and Multi-Dimensional Indexing
- ❖ Artificial Intelligence, Expert Systems, NLP, Machine Learning and Soft Computing Applications
- ❖ Quantum Computing and High Performance Computing
- ❖ Digital Image Processing, Knowledge Engineering in IOT
- ❖ Bio-Medical Image Processing, Image Databases and Bio-informatics
- ❖ User Experience, Device Mesh, Digital Duals, Automation
- ❖ Web Technologies and Nano-technology
- ❖ Modelling, Simulation and Monitoring Techniques
- ❖ Coding and Processing, Virtual and Augmented Reality
- ❖ Grid Networks and High Speed Networks
- ❖ Video Streaming Graphics and Network Data Analysis
- ❖ Reinforcement Learning
- ❖ Smart Grid and Smart Technologies
- ❖ Software Engineering, Software Architecture, E-Business, E-Learning,
- ❖ Technology Relevant to COVID – 19 pandemic

Communication Systems

- ❖ Computer Communication Systems - Wireless, Ad-hoc, 4G;5G;6G Communications
- ❖ Sensor Multimedia and MIMO Communications
- ❖ Emerging Technologies in Network Communications and Signal Processing
- ❖ Optical, Mesh Networks and IOT
- ❖ Protocol Engineering, Network Control and Service Architectures
- ❖ Resource Coordination and Management
- ❖ Quality of Service in Communications
- ❖ Queuing Network Models
- ❖ Communication and Information Systems Security
- ❖ Satellite and Space Communications
- ❖ Simulation and Automation
- ❖ Quantum Information Theory
- ❖ Channel Estimation
- ❖ Acoustic Communication
- ❖ Signals and Systems
- ❖ Power electronics, Instrumentation and Control in Electronic Devices.
- ❖ Robotic and Control Systems
- ❖ Signal, Image and Video Processing
- ❖ Electrical Vehicular Systems
- ❖ VLSI and Embedded Systems

Paper Submission

Full length high quality, original, previously unpublished, experimental or theoretical research articles with a maximum of 8 (Eight) pages and minimum of 4 (Four) pages including figures, tables and references as per the Conference template shall be uploaded for ICKECS-2022 through EasyChair paper submission system.

Upload via EasyChair Online submission system through below link.

<https://easychair.org/conferences/?conf=ickecs2022>

Registration Fees

Region	Category	Regular Registration	
		IEEE Member	Non-IEEE Member
Indian	Research Scholar/ Academician/Industry	6000 INR	8000 INR
	Extra page (after 6 pages)	500 INR	500 INR
Foreign	Graduate Student/ Research Scholar/ Academician/ Industry	130 USD	150 USD
	Extra page (after 6 pages)	10 USD	10 USD

Note:
Registration fee includes Publication, Proceedings, Registration kit, Participation Certificate for all the authors who present the paper in ICKECS-2022.

Important Dates

Last date for manuscripts	30 th September, 2022
Notification of acceptance	30 th October, 2022
Deadline for registration	30 th November, 2022
Conference dates	28 th & 29 th December, 2022

Publication Details

The proceedings of ICKECS-2022 will be forwarded for inclusion in **IEEE Xplore**.



The proceedings will be indexed in Scopus & Clarivate Analytics.

ISBN: 978-1-6654-5637-1 (Xplore Compliant)

Who can Attend?

Faculty members/ research scholars/ students from academic institutes approved by the AICTE/UGC/MHRD and Scientists/ Engineers working in Private/ Public/ Govt. organizations/ Industries etc. can attend the conference.

Invited Speakers

Eminent researchers, academicians and industrialists will be delivering keynote address on topics pertaining to the major themes of the conference. The list of keynote speakers and related details will be updated on the website.

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