



|| Jai Sri Gurudev ||



# 2nd IEEE International Conference on Knowledge Engineering and Communication Systems

April 18 - 19, 2024

**SJC INSTITUTE OF TECHNOLOGY**

CHIKKABALLAPUR, KARNATAKA, INDIA



**IEEE**  
BANGALORE SECTION



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## About SJCIT

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 eleven UG Courses: ECE, CSE, ISE, ME, CE, AE AS,AI-ML, AI&DS, CSD & 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.

## Highlights

- 37+ years of excellence with relentless service to society imparting quality education.
- 3060+ Students and 24000+ alumni network.
- 204+ Experienced, Well qualified and Passionate faculty with 60+ Doctorates,210+ Non-Teaching Staff.
- Consistently achieving 95% & above Results with Ranks and Medals at University Exams. 72 Ranks and 15 Gold Medals have been fetched so far.
- Training and Expert Guidance on Technical Domains for Placement and Career Development with blended training model.
- 100% Placement opportunity for all Students and more than 95% Placements for eligible candidates. 850+ job offers in 2022 and 675+ job offers in 2023 with highest package of 28 LPA and average package 5.6 LPA.
- 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.

## About ICKECS

International Conference on Knowledge Engineering and Communication Systems (ICKECS-2024) is intended to provide a common platform to the Research Scholars, Academicians, Scientists, Industrial Practitioners and Engineers in frontline evolutionary and challenging fields. ICKECS-2024 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-2024 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.

## 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
- Robotic and Control Systems
- Signal, Image and Video Processing
- Electric Vehicular Systems
- VLSI and Embedded Systems

## Instructions for Paper Submission

Full length high quality, original, previously unpublished, experimental or theoretical research articles with a maximum of 6 (Six) pages and minimum of 4 (Four) pages including figures, tables and references as per the Conference template ([MS Word](#), [LaTeX](#)) shall be uploaded for ICKECS-2024 through <https://cmt3.research.microsoft.com/ICKECS2024>

Each paper will be blind reviewed by two prominent researchers in the relevant area. All accepted and presented papers will be forwarded for inclusion in IEEE Xplore. For each of the accepted papers, one of the authors need to be registered.

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## 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



Divine Blessings

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Graduate Student/ Research Scholar	6000 INR	7500 INR	110 USD	130 USD
Academician /Industry	6500 INR	8000 INR	130 USD	150 USD
Extra page (after 6 pages)	500 INR	500 INR	10 USD	10 USD

Important Dates

>> Event / Activity	IEEE Member
Last date for Full Paper Submission	15th January, 2024
Notification of Acceptance	15th February, 2024
Last date for Final Paper Submission	15th March, 2024
Last date for Registration	30th March, 2024
Conference dates	18th & 19th April, 2024

**Note:** Registration fee includes Publication, Proceedings, Registration kit, Participation Certificate for all the authors who present the paper in ICKECS-2024.

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