



GSSS

GEETHA SHISHU
SHIKSHANA SANGHA(R)

**INSTITUTE OF ENGINEERING
AND TECHNOLOGY FOR WOMEN**

<http://geethashishu.in/icaci>
ICACI - 2022



Accredited UG Branches
ECE, CSE, ISE
Validity : 01.07.2017 - 30.06.2023
& EEE Branch up to 30.06.2024



MYSURU - 570 016 | KARNATAKA | INDIA

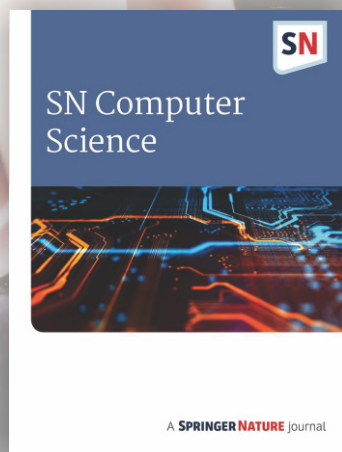
3rd International Conference on Adaptive Computational Intelligence

16th & 17th DECEMBER 2022

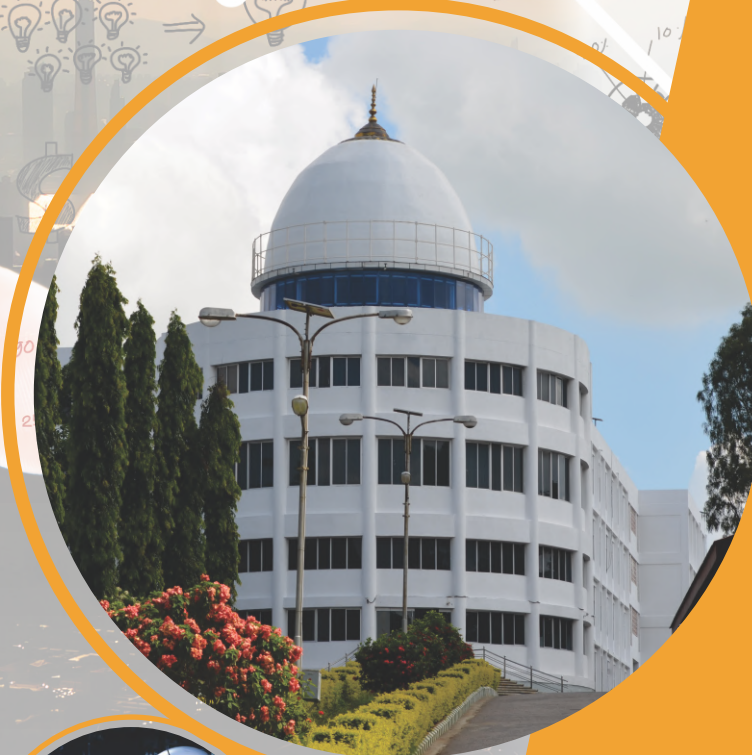


Springer

**Presented papers
will be published in**



**Scopus Indexed
Journal**



About GSSS Institute of Engineering and Technology for Women (GSSSIETW)

Geetha Shishu Shikshana Sangha(R) is the outcome of the vision and initiative of Late. Prof. B.S.Pandit former Professor, from SJCE Mysuru. The main vision of founder secretary Late Prof B.S. Pandit was to provide quality technical education to women. Under the tree of GSSS(R), there are various institutions catering to the education needs of pre-primary children to doctoral research. GSSS(R) is a non-profit organization focused towards value addition in terms of providing best of infrastructure and services for the cause of education.

The vision of the GSSS Institute of Engineering and Technology for Women (GSSSIETW) is to become a recognized world class Women Educational Institution, by imparting professional education to the students, creating technical opportunities through academic excellence and technical achievements, with ethical values"

GSSSIETW offers 6 B.E Programs in Engineering & Technology viz., Electronics and Communication engineering, Computer Science Engineering, Information Science & Engineering, Electrical and Electronics Engineering , CSE (Artificial Intelligence and Machine Learning) and Artificial Intelligence & Data Science branches and 2 M. Tech Programs in Digital Communication & Networking, Computer Science Engineering and MBA program, all affiliated to VTU, Belagavi. The institution has established Research centres in all the departments and has 35 faculty members with Doctorate degree.

Some of the Accomplishments of the Institution are:

- Accredited with Grade 'A' by NAAC with 3.13 CGPA for 5 years
- First Non Autonomous Engineering Institute to get 03 years NBA Accreditation for 05 programs in Mysuru region.
- Re-accredited by NBA, New Delhi, ECE, CSE, ISE & TCE for 3 years 01.07.2020 to 30.06.2023 & for EEE from 01.07.2021 to 30.06.2024
- GSSSIETW selected for development as a Model Engineering College under Super - 30 Programme of the Government of Karnataka and VTU Belagavi in the next five years, by the Regional Ecosystem for Technical Excellence (RETE)
- ARIIA Ranking
 - ✓ 2021 - "EXCELLENT" band under the category "Colleges/Institutes (Private / Self Financed) (Technical)"
 - ✓ 2020 - Top 50 Rankings in Band B for Private or Self-Financed College/Institutes Received 4 Star rating consecutively for 3 years from Institution Innovation Council by MHRD Innovation Cell, Govt. of INDIA
- Recognized Host Institute by MSME, Govt. of India", New Delhi, in Mysuru Region
- MoU with 02 Foreign Universities (University of Sannio, Italy & Multimedia University, Malaysia)
- Recognition of College under Section 2(f) of the UGC Act, 1956.
- GSSSIETW Awarded Silver College Rating for QS I-GAUGE Methodology by QS-ERA Pvt. Ltd. held in 2019.
- Established NI LabView Academy School in 2019.
- IEEE Student Branch, GSSSIETW has received Outstanding Medium Student Branches Award in Recognition of Outstanding Contribution to the Bangalore Section in the year 2019 by IEEE Bangalore Section during AGM meeting held at MSRIT Bangalore on 5th January 2020.
- Two UG programs (CSE & ECE) are permanently affiliated to VTU, Belagavi
- GSSSIETW, Mysuru received the prestigious "Best Accredited Student Branch" award from CSI in the CSI Annual Convention 2020.

COMPUTER SCIENCE & ENGINEERING AND INFORMATION SCIENCE & ENGINEERING

The Departments of CSE & ISE have highly qualified and experienced faculty members. Both these courses were started in 2003 with an intake of 60. Since 2012 the intake of CSE was increased to 120. M. Tech in CSE was started in the year 2013, with an intake of 18. The departments of CSE & ISE are recognized Research Centres for Ph.D. under VTU since 2016. Currently 16 research scholars are pursuing Ph.D. in the Research Centre of CSE Department in various domains like Image Processing, Distributed Computing, Wireless Communication Networks and Network Security, Big Data and Internet of Things. Two Research Scholars have completed Ph D Degree from the CSE Department Research Centre in 2022. The average teaching experience of Faculty members of CSE department is 10 Years. The departments have 6 Ph D Degree holders and 18 Faculty members are pursuing Ph.D. The departments are accredited by NBA, New Delhi for a period of three years from July 2017- June 2023. The department of CSE has secured 8th Rank in VTU Examinations during 2016 and 1st Rank with 6 Gold Medals and 4th Rank in 2019. The CSE department has acquired Rs 30 Lakhs funds from Vision Group on Science and Technology (VGST), Government of Karnataka for establishment of "Innovative Smart Systems and IoT Laboratory" during the period 2016-2019. The CSE & ISE departments have signed Memorandum of Understanding (MoUs) between GSSSIETW with leading industries like IBM, Infosys, Wipro, EMC2, Nihon Communication Systems, DalvikApps, Dlithe Services Pvt. Ltd., ABG Cyber Solutions, Heraizen, AllInnov R & D Pvt. Ltd., Karunadu Technologies, Drona Aviation, IT Champs & iQuest. All the laboratories are well equipped with state-of-the-art technology facilities.

About ICACI-2022

ICACI 2022 will be a premier forum for the presentation of recent advances and research results in the fields of Cloud Computing, Big Data Computing, Nano Computing, Application of Artificial Intelligence, Virtual & Augmented Reality and Bio-inspired Computing. Computational Science is a main pillar for most of the present research, industrial and commercial activities and plays a unique role in exploiting Information and Communication Technologies as innovative technologies.

The aim of this conference is to bring together the research accomplishments provided by the researchers from academia and the industry and to showcase the latest research trends in the field of Adaptive Computational Intelligence. The conference will be accessible to both non-experts interested in learning about this area and experts interested in focusing about new research trends and approaches. This conference offers a real opportunity to explore new technical issues, tackle complex problems and devise solutions addressing challenges in Computer Science and Information Technology areas for the development of mankind as a whole.

Call for papers

ICACI - 2022 invites full length original research manuscripts summarizing their latest findings and research work to the Conference from Academic professionals, Industry professionals, R&D Organizations, Government departments and Research Scholars across the globe. The manuscript should contribute original research ideas, analysis, findings, results, etc. The manuscript should not have been submitted to any Journals or Conference proceedings or magazines and not under review / published in any of them. The articles shall be prepared and submitted as per the Springer manuscript template as given in the website <https://geethashishu.in/icaci>

Submission

Instructions to authors for preparation of manuscripts and details of paper submission
visit the conference link given below:

<https://geethashishu.in/icaci>

Papers are Invited in the following topics, but not limited to:

- ☞ Swarm Intelligence, Intelligent Systems, Bio-Inspired Computing Model
- ☞ Intelligent Transportation Systems
- ☞ Web Intelligence and Interaction
- ☞ Computational Intelligence in Brain Science
- ☞ Computational Intelligence in Cognitive Science
- ☞ Collective Intelligence, Intelligent e-learning / Tutoring
- ☞ Computational Intelligence for Meta Data, Data Integration, and Data Interoperability
- ☞ Computational Intelligence for Indexing, Query Processing and Query Optimization
- ☞ Computational Intelligence for Deep web
- ☞ Computational Intelligence in Uncertain
- ☞ Probabilistic and Approximate Databases
- ☞ Logic in Intelligence, Mobile Intelligence
- ☞ Intelligent Architectures , Intelligent Applications ,Intelligent Networks

Papers are Invited in the following topics, but not limited to:



- ✧ Computational Paradigms and Computational Complexity
- ✧ Computational intelligence in Multimedia Computing
- ✧ Deep Learning and Computational Intelligence based Medical Data Analysis
- ✧ Evolutionary algorithms for Data Analytics
- ✧ Deep Learning and Machine Learning Algorithms for Efficient Indexing and Retrieval
- ✧ Computational Intelligence in Mobile-Cloud Based Computing
- ✧ Computational Intelligence in Multi-Agent Systems
- ✧ Computational Intelligence in Neural Fuzzy Systems
- ✧ Computational Intelligence in Neural Genetic Systems
- ✧ Computational Intelligence in Neural Networks
- ✧ Computational Intelligence in Pattern Recognition
- ✧ Computational Intelligence in Gaming
- ✧ Quantum Computing Intelligence
- ✧ Intelligent Reinforcement Learning and Qualitative Reasoning
- ✧ Self-organizing Maps, State Space Search, Statistical Data Analysis
- ✧ Support Vector Machines, Combinatorial Search, Complex Systems
- ✧ Distributed Artificial Intelligence, Computational Intelligence in Cyber Forensics
- ✧ Emerging Numerical Methods and Computational Tools
- ✧ Probabilistic and Optimization Methods in Bio-Engineering
- ✧ Multi scale Modeling and Integrative research
- ✧ High-Performance Computational Systems Biology and Parallel Implementations
- ✧ Inference from High-Throughput experimental data
- ✧ Model Integration of Biological Databases
- ✧ Computational Intelligence in Optimization techniques
- ✧ Computational Intelligence in Real Time Systems
- ✧ Computational Intelligence in visualization and speech processing
- ✧ Computational Proteomics, Computational Evolutionary Biology
- ✧ Intelligent Communications, Intelligent Electronics, Intelligent Electrical Systems
- ✧ Information Fusion, Intelligent Control, Intelligent Manufacturing Systems
- ✧ Intelligent Medical Systems

Committees - ICACI 2022

Chief Patrons	Dr. M. Jagannatha Shenoi, President, GSSS(R), Mysuru, India. Smt. Vanaja B Pandit, Hon. Secretary, GSSS(R), Mysuru, India.
Patrons	Sri. R.K. Bharath, CEO & Board Member GSSS(R), Mysuru, India. Smt. Anupama B Pandit, AO, GSSS(R), Mysuru, India.
General Chair	Dr. Shivakumar M, Principal, GSSSIETW, Mysuru, India
Technical Programme Committee (TPC) Chairs	Dr. Young Lee, Professor, Department of Computing and Cyber Security, Texas A&M University-San Antonio, USA.. Dr. Juan Manuel Corchado, Professor, Department of Computer Science and Automation Control, University of Salamanca, Spain Director BISITE – (Bioinformatics Intelligent Systems and Educational Technology Research Group), Spain Dr. Maode Ma, Research Professor, College of Engineering, Qatar University, Doha, Qatar
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Organizing Secretary	Dr. Raviraj P, Professor, Dept of CSE, GSSSIETW, Mysuru, India Dr. Gururaj K.S, Professor & Head, Dept. of ISE, GSSSIETW, Mysuru, India
Publication Chairs	Dr. Manjuprasad B, Associate Professor, Dept of ISE, GSSSIETW, Mysuru, India. Dr. Roopashree H.R, Associate Professor, Dept of CSE, GSSSIETW, Mysuru, India.

Keynote Speaker



Dr. Maode Ma
Research Professor
KINDI Center for Computing Research, College of Engineering
Qatar University, Doha

Technical Program Committee

Dr. Dimitris Kanellopoulos, University of Patras, Greece
 Dr. Mamoun Alazab Félix, The Northern Territory Cyber Security Centre (NTCCS), Charles Darwin University, Australia
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 Dr. Habil. Tudor Barbu, Institute of Computer Science Romanian Academy-Iasi Branch Romania

Registration

For registration and payment details visit <http://geethashishu.in/icaci> under Registration section.
 Last date for Registration is on or before October 20, 2022.

Registration Fee

Important Dates

Category	Fee	
Research Scholars / Faculty Members	₹ 8,500	Deadline for submission of Full paper 30 th September 2022
Delegates from Industry	₹ 9,000	Notification of acceptance 10 th October 2022
Foreign Delegates	\$ 200	Deadline for Registration 20 th October 2022
Participation Only	₹ 1,500	Camera Ready Paper Submission 30 th October 2022
		Conference Dates 16 th & 17 th December 2022

GALLERY WALL

