

**SONA COLLEGE OF TECHNOLOGY**

*Learning is a Celebration!*

| An Autonomous Institution |



Department of  
**MASTER OF COMPUTER APPLICATIONS**  
organises

An International Conference on  
**AI IN SUSTAINABLE COMPUTING &  
COMMUNICATION TECHNOLOGIES  
(AISCCT 2026)**

**4 & 5  
JUNE 2026**  
HYBRID MODE



Junction Main Road,  
Suramangalam (PO),  
Salem - 636005. | TN | INDIA

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sonacollege



## About SONA COLLEGE OF TECHNOLOGY



Sona College of Technology traces its roots to Sri Karumuttu Thiagarajan Chettiar, a renowned industrialist, freedom fighter, and educationist who established Thiagarajar Polytechnic College in 1958. Established in 1997 by its Founder Chairman, Sri M. S. Chockalingam, a distinguished textile industrialist and educationist, Sona College of Technology continues to build on this strong legacy under our current Chairman, Sri C.Valliappa, and Vice Chairmen, Mr.Chocko Valliappa and Mr.Thyagu Valliappa.

The college enjoys autonomous status under the Anna University and holds a NAAC A ++ accreditation with a CGPA of 3.65. It has a high NIRF ranking falling within the 11-50 band under the innovation category and 151-200 band under the Engineering Category.

As a research and innovation focused institution, the college prides itself 36 Advanced Research centres which undertake cutting-edge research across disciplines and have developed advanced systems for high profile national projects like Chandrayaan-3 and the Gaganyaan mission.

Sona's global perspective has resulted in academic and research collaborations with national institutions like IIT (M) and international universities like Purdue University, Strathclyde University, University of Burgundy, Universita Politecnica, Delle Marche, Italy, Universiti Sains Islam, Malaysia, Selesian University of Technology, Poland, Complutense University of Madrid, Spain, to name a few.

The faculty of Sona have been consistently ranked within the top 3 position under the faculty performance rating by NPTEL among 7000 colleges across the country, since the inception of the ranking in 2018. Sona NPTEL Local Chapter is rated "AAA" (17th Rank) in Jul-Dec 2024 NPTEL exams among 7,000 colleges in India.

Sona College of Technology has been a highly awarded institution at the National and State levels. It has been recognized as the 'Best Industry-Linked Institution', by the Confederation of Indian Industry and All India Council for Technical Education (AICTE-CII), for seven consecutive years. Recently, Sona has been honoured with the prestigious Outstanding Institution Award-2024 by the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh. The college has received the IE(I) - Institution of Engineers' (India) Engineering Education Excellence Award (Silver and Bronze Categories) for the past three years. Sona stands tall as one of the best institutions for world class technical education.



# About the Department of **MASTER OF COMPUTER APPLICATIONS**

The Department of Master of Computer Applications was established in 2001. The department is committed in providing high-quality postgraduate opportunities with the right mix of specialist knowledge and professional development to suit the personal and career needs of the students. Our curriculum is continuously revised in line with emerging technological advancements to ensure students are future-ready.

The department is functioning in the Green Building with five star rating GRIHA certificate consisting of classrooms with audio-visual facilities and well-equipped laboratories. The department has a Anna University recognized research centre 'Sona Seda'. Every year the department publishes 50+ research articles in highly indexed journals, 16+ patents and 10+ R&D Projects. The students gain the life skills to achieve their goals and develop the confidence to take up the challenges of the rapidly changing world of technology. Studying with us is an enjoyable and rewarding experience, and the right choice for the students.

## About the International Conference **AISCCT 2026**

The International Conference on AI in Sustainable Computing and Communication Technologies (AISCCT 2026) aims to bring together academia, industry, and research centres. This event provides a collaborative platform for researchers, academicians, and industry professionals to share innovative ideas, new research findings, and exhibit advancements in the sustainability of computing and communications technologies. The main objective of AISCCT 2026 is to address sustainable solutions meeting the global needs in computing and communication technologies. This conference motivates the interdisciplinary methodologies to provide impactful solutions for the near future. High-quality manuscripts are invited from the worldwide researchers, academicians, and professionals. All accepted papers will be published in a Scopus-indexed conference proceeding, ensuring wide visibility and lasting academic impact.



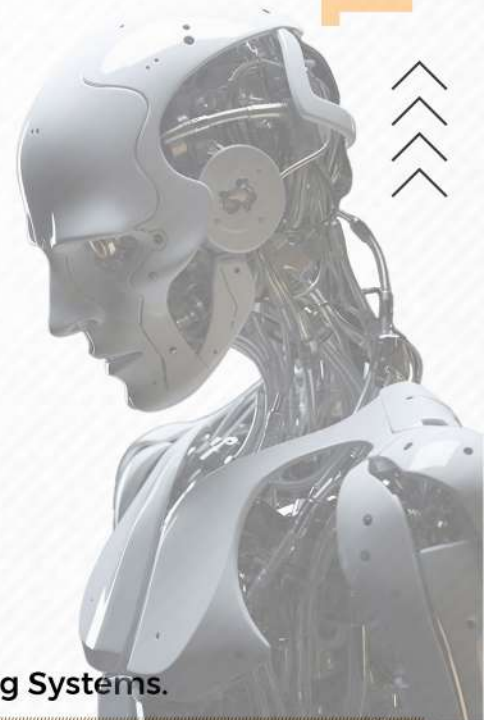


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TRACK 1



- ▶ Advancements in Green Computing
- ▶ Energy-efficient algorithms,
- ▶ Sustainable ICT infrastructure.
- ▶ Computational Techniques in Healthcare
- ▶ Medical Image Analysis, Bioinformatics and Digital Health.
- ▶ IoT Security, Cloud Security, and Block Chain Security
- ▶ Privacy-preserving Technologies.
- ▶ Secure Multi-party Computation
- ▶ Cryptographic Protocols.
- ▶ Reinforcement Learning
- ▶ Machine Learning and Deep Learning
- ▶ Explainable AI
- ▶ Quantum Cryptography
- ▶ Intrusion Detection and Vulnerability Analysis
- ▶ AI in Security
- ▶ Hybrid Clouds
- ▶ Edge Intelligence
- ▶ Federated Learning
- ▶ Reinforcement Learning in Computing Technologies.
- ▶ Edge Analytics on IoT Systems
- ▶ Digital Twins for IoT Systems
- ▶ Secure authentication and Authorization in Computing Systems.



TRACK 2



- ▶ Next Gen Communication Systems.
- ▶ Communication Technologies for Massive Devices.
- ▶ Secure Sensor Cloud Communications.
- ▶ Machine Learning in Communication.
- ▶ Quantum Optical Communication.
- ▶ Trust Communication Architectures.
- ▶ Key Management Security in Distributed Systems.
- ▶ Energy-Efficient Communication Protocols.
- ▶ Immersive Communication.
- ▶ Quantum Communication Systems.
- ▶ Signal and Information Processing.
- ▶ Image Data Transmission and Compression.
- ▶ Computer Vision on Wireless Communication.
- ▶ Block Chain Technologies on Image Communication.
- ▶ AV Communication and Streaming.
- ▶ Encryption on Visual Communication.
- ▶ Multimodal and Semantic Communication.
- ▶ Sustainable 5G/6G Wireless Communication.
- ▶ High-Speed Communication.
- ▶ Intelligent Routing and Congestion Control.
- ▶ AI-Driven Sustainable Communication Applications.





## EMINENT SPEAKERS



**Dr. N. Gunasekaran, Ph.D.,**  
Post-Doctoral Research Fellow,  
Department of Mathematical Sciences,  
Shibaura Institute of Technology,  
Saitama 337-8570, Japan

**Dr. MAKESH KARUPPIAH**  
Vice President and CEO  
ENVIROAPPS INC.,  
FROGGATT STREET, ORLANDO,  
FLORIDA 32835, USA,



**Dipti Kapoor Sarmah**  
Faculty of EEMCS, Services,  
Cyber Security and Safety(SCS)  
University of Twente,  
Enschede, Netherlands



**Ms. Preethi Ananthachari**  
Assistant Professor,  
Endicott College of International Studies,  
Woosong University,  
Endicott Building,  
Daejeon, South Korea.

## STEERING COMMITTEE

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**Sri. C. Valliappa**, Chairman, Sona Institutions, Salem.

**Mr. Chocko Valliappa**, Vice-Chairman, Sona Institutions, Salem.

**Mr. Thyagu Valliappa**, Vice-Chairman, Sona Institutions, Salem.

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**Prof. Dr. S.R.R. Senthilkumar**, Principal, Sona College of Technology, Salem.

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**Dr. T. Padma**, Professor & Head, Department of MCA, Sona College of Technology, Salem.

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**Dr. J. Suji Priya**, Assistant Professor, Department of MCA, Sona College of Technology, Salem.

### JOINT COORDINATORS

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**Dr. S. Uma**, Assistant Professor, Department of MCA, Sona College of Technology, Salem.

**Dr. K. Sasirekha**, Assistant Professor, Department of MCA, Sona College of Technology, Salem.

**Ms. A. Suhana Nafais**, Assistant Professor, Department of MCA, Sona College of Technology, Salem.

**Mrs. Dipali Sinha**, Assistant Professor, Department of MCA, Sona College of Technology, Salem.



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Dr. Sherali Zeadally, Professor, Dept. of Communication and Information, University of Kentucky, Lexington, USA.  
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Mr. Shankar Theagarajan, Project Manager, AXIS Capital, New Jersey, USA.  
Mr. Praveen Velu, Photonics Engineer, Apple, Singapore.  
Mr. Santhosh Nath, DSP Engineer, Evolution Energy Technologies, Canada.

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Dr. C. Vasanthnayagi, Principal, Government College of Engineering, Theni, Tamil Nadu.  
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Dr. K. Chandrasekaran, Professor, Dept. of Computer Science and Engineering, NIT, Karnataka, Suratkal.  
Dr. C. Mala, Professor, Department of Computer Science and Engineering, National Institute of Technology, Trichy  
Dr. Anandha Kumar, Professor and Head, Dept. of Computer Technology, MIT Campus, Anna University, Chennai.  
Dr. S.P. Shantharajah, Professor, Dept. of Software and Systems Engineering, VIT, Vellore.  
Dr. G. Sudha Sadasivam, Professor, Dept. of Computer Science and Engineering, PSG College of Technology, CBE.  
Dr. S. Mohammed Mansoor Roomi, Professor, Thiagarajar College of Engineering, Madurai, Tamil Nadu.  
Dr. Shabir Mir, Assistant Professor, Dept. of Animal Genetics & Breeding, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Kashmir.

## Industry Advisory Committee

Mr. Sudarsun Santhiappan, Scientific Officer, BUDDI AI (A Claritrics Company).  
Mr. Kumar Meganathan, GM, R&D, Mahindra and Mahindra, Chennai.  
Mr. Sudharshan Raman, Salesforce Solution Architect, Innovalley Works Pvt Ltd., Coimbatore.  
Mr. Sriman Abimanyu Muthukumar, CTO, Novous Mind Collectives, Salem.  
Dr. N. Aruna Devi, Solution Architect, DXC Technologies, Bengaluru, India.  
Mr. Arunesh Karthik, Lead System Engineer, GE Health Care, Bengaluru.  
Mr. S. A. Manikandan, Lead Product Support Engineer, SPRINKLR INC., Bangalore.

## Technical Committee

Dr. Pethururaj Chellaiah, Vice President, Reliance Jio, Bangalore.  
Dr. B. Surendiran, Associate Dean (Academics), Dept of Computer Science and Engineering, NIT, Puducherry.  
Mr. Appu Raman, Manager Software Development, Pay Pal Inc., California, USA.  
Mr. Sairam, Lead-Academic Research, VMWare, Bangalore.  
Dr. Dipti Kapoor, Faculty of EEMCS, Services, Cyber Security and Safety(SCS),University of Twente, Netherland.  
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Dr. T. Purusothaman, Professor, Government College of Technology, Coimbatore.  
Dr. Nickolas, Professor, Department of Computer Applications, National Institute of Technology, Tiruchirappalli.  
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Dr. Pabitra Mohan Khilar, Department of Computer Science and Engineering, NIT, Rourkela, Odisha.  
Dr. Malmathan Raj, Associate Professor, NIT Trichy.  
Dr. T. Veerakumar, Associate Professor, NIT Goa.  
Dr. K. V. Eswaramoorthy, Associate Professor, IIITDM, Kurnool.  
Dr. Preethi Ananthchari, Asst. Prof., Endicott College of International Studies, Woosong University, South Korea.



## Important Dates

Paper Submission Starts	:	02.02.2026
Paper Submission Closes	:	15.04.2026
Notification of Decisions	:	30.04.2026
Camera Ready Paper Submission	:	10.05.2026
Registration Deadline	:	20.05.2026
Conference Date	:	04 & 05 June 2026

## Registration Details

International Delegates	:	₹ 3,000/- (INR)*
National Delegates	:	₹ 2,000/- (INR)*
Attendees	:	₹ 1,000/- (INR)*

\*Amount in Rupees, inclusive of GST

**AIP Conference Publication\*:  
Additional Publication charges to be paid  
for publishing in SCOPUS Indexed Conference Proceedings**

(\* Approval from AIP Publishing is still awaited)

## Payment Mode

The Registration Fee is to be paid through NEFT/RTGS to the following account

Acc. Number	:	5205349124
Account Holder	:	SONA COLLEGE OF TECHNOLOGY
Bank	:	Central Bank of India
Branch	:	Five Roads Branch, Salem 5/250 E, Sri Vijaya Towers Junction Main Road, Five Roads, Salem
Account Type	:	Savings Bank
Branch Code	:	3306
District	:	Salem
State	:	Tamil Nadu
IFSC Code	:	CBIN0283306 (Used for RTGS & NEFT Transactions)
MICR Code	:	636016004

**For More Details, Contact  
Coordinators**

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