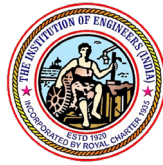




**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UGC Act, 1956)



School of  
Computing



**THIRD INTERNATIONAL CONFERENCE**  
**on**  
**DEEP SCIENCES FOR COMPUTING**  
**AND COMMUNICATIONS**  
**(IconDeepCom 2024)**

In association with

**The Institution of Engineers (India)**  
*A Century of Service to the Nation*

**24<sup>th</sup> & 25<sup>th</sup> April 2024**



**Organized by**

**DEPARTMENT OF COMPUTATIONAL INTELLIGENCE  
SCHOOL OF COMPUTING  
FACULTY OF ENGINEERING AND TECHNOLOGY  
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**E-mail: [icondeepcom@srmist.edu.in](mailto:icondeepcom@srmist.edu.in)**

**website: <https://www.srmist.edu.in/events/icondeepcom-2024/>**



## ABOUT SRM

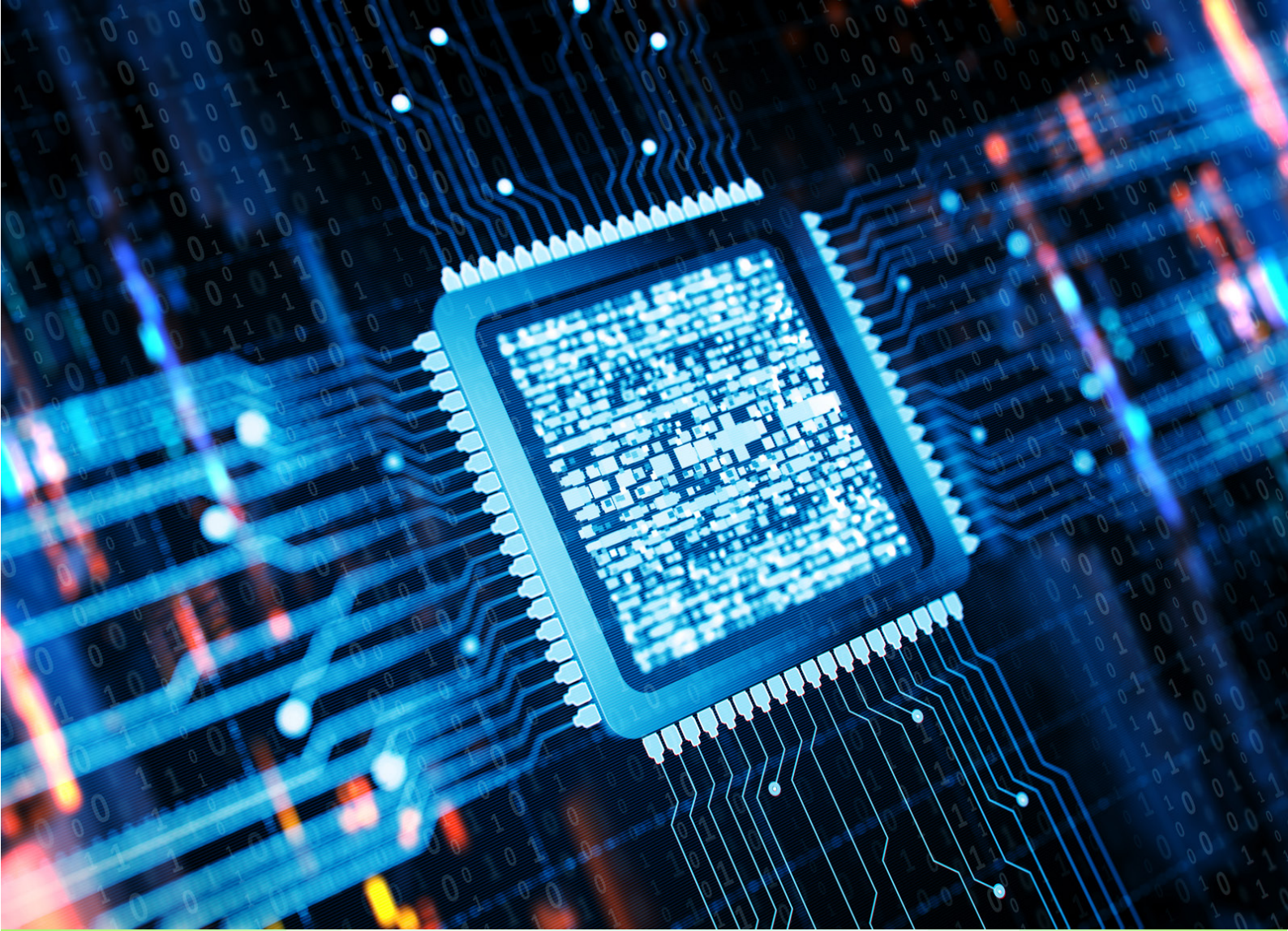
SRM Institute of Science and Technology, Chennai, India is one of the top ranking Institutions in India with over 60,000 students and 6000 faculty members, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine, Health Sciences, Dental , Agriculture, Law studies and Science and Humanities. It has established itself as a premier Centre for teaching, research and industrial consultancy in Indian sub-continent. It has world class infrastructure including smart classrooms, Hi-Tech lab, advanced research laboratories, modern library and Wi-Fi facility. SRM Institute of Science and Technology has been accredited by NAAC with the Highest 'A++' Grade in the year 2018, valid for the next 5 years. SRM IST is placed in Category - 1 with 12 B Status by MHRD-UGC. It is one of the top Indian University in terms of the quantity and quality of courses offered and has been rated highly by various reputable sources like the National Institutional Ranking Framework and world ranking agencies like QS (UK) and Times Higher Education (UK). The times of India has ranked SRM Institute of Science and Technology as No. 1 in top 75 private engineering institutes. During January 2011, the Institution conducted the 98th Indian Science Congress where in six Noble laureates interacted with our Students and Faculty.

 <b>NAAC</b> A++	  <b>UGC</b> University Grants Commission <b>Category 1</b> with 12B Status	 <b>NIRF</b> NATIONAL INSTITUTIONAL RANKING FRAMEWORK <b>(2023)</b> Ranked 18 <sup>th</sup> University	 <b>QS</b> <b>(2024)</b> World Ranking one among 45 Indian Universities	 <b>THE WORLD UNIVERSITY RANKINGS</b> <b>(2023)</b> World Ranking one among 75 Indian Universities	 <b>QS 4★ RATING</b> <b>VERY GOOD</b> QS 4 Star Rated Globally	 <b>SHANGHAI RANKING</b> <b>(2023)</b> World Ranking one among 14 Indian Universities
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# ABOUT THE SCHOOL OF COMPUTING

The School of Computing stands as the largest in the SRM family, with a proud count of over 498 faculty members. The School hosts four departments namely Computing Technologies, Networking and Communications, Computational Intelligence and Data Science and Business Systems. Various programmes are offered at undergraduate level with specializations in Artificial Intelligence and Machine Learning, Big Data Analytics, Computer Networking, Internet of Things, Cloud Computing, Cyber Security, Information Technology, Business Systems and Software Engineering apart from the core Computer Science and Engineering. The B.Tech in Computer Science and Engineering and Information Technology programmes are accredited by Institution of Engineering and Technology (IET), UK and ABET, USA respectively.



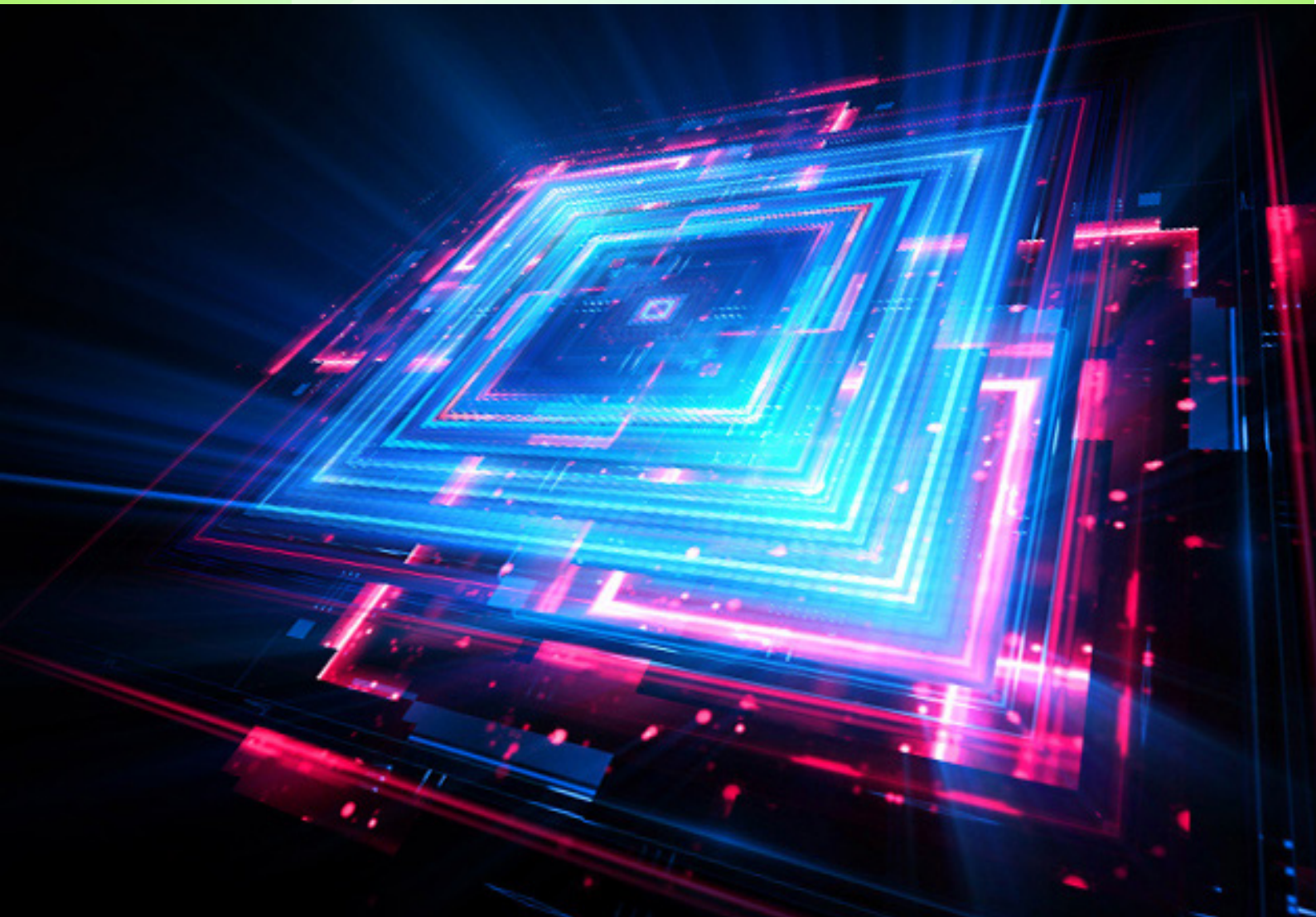


## ABOUT THE CONFERENCE THEME

The third edition of IconDeepCom-2024 (International Conference on Deep Sciences for Computing and Communications) is an international conference in the field of AI Driven Communication: Language Models And Beyond suggests a focus on the intersection of artificial intelligence, communication, and language models. This theme encompasses a wide range of topics and discussions related to the use of AI in enhancing and transforming communication processes. Serious engineering is needed to create ubiquitous AI-driven software that uses deep learning and machine learning models to enable conversational artificial intelligence, autonomous machines, machine vision, and other AI technologies. By exploring these topics, the conference can provide a comprehensive overview of the current state and future directions of AI-driven communication, fostering collaboration and knowledge exchange among researchers, industry professionals, and practitioners in the field.

# TOPICS OF INTEREST INCLUDE BUT ARE NOT ONLY LIMITED TO THE FOLLOWING

- Convolution Neural Network for Industrial Image Processing
- Deep Neural Networks Parallel computing for Industrial IoT
- Deep Convolution Neural Network (DNN) Learning Model for Health informatics
- Classification and regression Problems for Communication paradigms
- Data Augmentation for Computer Vision and NLP
- Generative Adversarial Networks (GAN) for the industrial image to image translation
- Artificial Neural Network and Genetic Algorithm Applications in Health Sciences
- Deep Convolution Neural Network for Large Industrial Image datasets
- Radial Basis Function Networks (RBFNs) for Industrial Computing IoT-based Robots
- GAN and Object Detection in Vision computing
- Deep-Pattern Recognition and Computer Vision for industrial computing
- Multilayer Perceptrons (MLPs) for stochastic modeling
- Natural Language Processing (NLP) and Deep Learning Approaches
- Self Organizing Maps (SOMs) for easy interpretation
- IoT in Power Generation and Renewable Energy



# KEY NOTE SPEAKERS



**Dr. Gang Li**

Professor, School of Information Technology,  
Melbourne Burwood Campus, Australia.



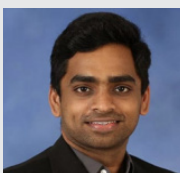
**Dr. Po-Ming Lee**

Professor, Department of Electronics Engineering,  
Southern Taiwan University of Technology, Taiwan.



**Dr. Tian Jing**

Senior Lecturer & Consultant, Artificial Intelligence Practice,  
National University of Singapore.



**Dr. R. Muthukumaran**

Computer Scientist Level 3 Step 3 at NASA, Huntsville, United States.



**Dr. Mitilesh**

CEO, MIT Square, London.



**Dr. Deepak Mishra**

Professor, Department of Avionics,  
Indian Institute of Space Science and Technology, Thiruvananthapuram.



**Dr. Viraj Kumar**

Professor, Division of EECS, Indian Institute of Science, Bangalore.



**Dr. Adithya Pothan Raj**

Lead Architect - Technology, Cognizant, Canada.



**Mr. Ramata Mosissa**

Assistant Professor, Department of Information Technology,  
Mattu University, Ethiopia.

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## CO-CONVENER(S)

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Dr. S. Velliangiri, Assistant Professor, Department of CINTEL, SRMIST, Kattankulathur

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### **Dr. Nikhil Gupta**

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### **Dr. Kottilingam Kottursamy,**

Assistant Professor, Department of Computer Technology, Anna University.

### **Dr. R. Golda Brunet**

Assistant Professor, Government College of Engineering, Salem.

## REGISTRATION INFORMATION

**REGISTRATION LINK :** <https://forms.gle/R5odK8Qyb8gqRNvR8>

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Acc name-SWEA

Acc Number-117001001916247

IFSC CODE-CIUB0000117

Branch-Tambaram



INDIAN AUTHORS		INTERNATIONAL AUTHORS	
<b>Student / Research Scholar</b>	- 6000	<b>Student/ Research Scholar</b>	- \$100
(Early bird)	- 5000	(Early bird)	- \$50
<b>Academicians</b>	- 7000	<b>Academicians</b>	- \$ 200
(Early bird)	- 6000	(Early bird)	- \$100
<b>Professional</b>	- 8000	<b>Professional</b>	- \$250
(Early bird)	- 7000	(Early bird)	- \$200

## REGISTRATION FEE INCLUDES

- Participation in all technical sessions of the conference program.
- Conference Soft Proceedings.

## PUBLICATIONS

- All accepted papers that are registered and presented at the conference will be included in the book of abstracts and be submitted for possible inclusion in Scopus indexed proceedings/Journal.
- The Final decision of inclusion in the Scopus indexed proceedings/Journal will be made by the Editorial Board, based on the quality of the represented work and scope of the Journal.
- Extended version of presented papers will be published in SCI journals.

## PAPER SUBMISSION LINKS

1. <https://cmt3.research.microsoft.com/ICONDEEPCOM2024>
2. [icondeepcom@srmist.edu.in](mailto:icondeepcom@srmist.edu.in)

## KEY DATES

Paper Submission deadline	: 21 <sup>st</sup> Feb 2024
Early Bird Registration Deadline	: 29 <sup>th</sup> Feb 2024
Notification of acceptance	: 11 <sup>th</sup> March 2024
Camera ready copy submission	: 15 <sup>th</sup> March 2024
Conference Date	: 24 <sup>th</sup> - 25 <sup>th</sup> April 2024

## CONTACT PERSON

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A++



Category 1  
with 12B Status



(2023)  
Ranked 18<sup>th</sup> University



(2024) World Ranking  
one among 45 Indian Universities



(2023) World Ranking  
one among 75 Indian Universities



VERY GOOD  
QS 4 Star Rated Globally



(2023) World Ranking  
one among 14 Indian Universities