



International Conference on Robotics, Communication and Soft Computing (RCSC ' 2025) (Hybrid mode)

1st May - 3rd May, 2025

Organized by

Department of Electronics and Communication
Engineering
&
Department of Computer Science Engineering
National Institute of Technology Sikkim
Ravangla, South Sikkim, India, -737139
Website: www.nitsikkim.ac.in

About NIT Sikkim

NIT Sikkim, An Institute of National Importance, situated near the city of Ravangla, Sikkim, India. It is one of the 31 NITs in India and has been declared as an Institute of National Importance by the Government of India. It is an autonomous institute and functioning under the aegis of Ministry of Education (Shiksha Mantralaya), Government of India. NIT Sikkim is one among the ten newly sanctioned National Institutes of Technology by the Government of India under the 11th Five-year Plan, 2009. NIT Sikkim started functioning in August, 2010. Currently, it is being operated from a temporary campus at the Barfung Block, Ravangla Sub- Division of Namchi district. All courses and examinations are conducted in the English language as the only mode of instruction. NIT Sikkim offers a 4-year Bachelor of Technology (B.Tech.) programme in various engineering fields, as well as a 2-year Master of Technology (M.Tech.), Master of Science (M.Sc.) and Ph.D. Programmes. Admissions to undergraduate programmes are taken through IIT-JEE (Main). Admission to the postgraduate courses is through the GATE/JAM.

About the Conference

The objective of Robotics, Communication and Soft Computing is to provide a common platform to researchers, academicians, scientists and industrialists who are working in the area of Robotics and and Artificial Intelligence, Automation, System Control, Information Communication, Image Processing, Computational Intelligence etc.

The aim of the conference is to highlight the most recent advances, problems, and challenges as well as to present the latest outcomes in related fields with a connection to scientific research and its practical applications. The main purpose of RCSC 2025 is to bring together experts, leading researchers and developers to share knowledge, exchange their views and ideas in the fields of above-mentioned areas. This conference especially encourages participation from the young researchers and invites them to present their work on this platform.

Resource Persons

Eminent experts from Industry and Academia (IITs, NITs, IIITs, CFTIs etc.) will be delivering talks.

Tracks

- Robotics and Mechatronics Artificial Intelligence and Machine Learning
- Control & Optimization
- Expert System
- Information and Communication Technology
- Image Processing
- Soft Computing/Computational Intelligence
- Internet of Things (IoT)
- Emerging Tools and Techniques in Healthcare

Important Dates

- **Submission Deadline:** 28th February, 2025
For Special Session: 20th March, 2025
- **Acceptance Deadline :** 20th March, 2025
For Special Session: 25th March, 2025
- **Conference Dates:** 1st May - 3rd May, 2025

Chief Guest & Eminent Speaker

Prof. Ajoy Kumar Ray

Padma Shri

Former Director, IEST Shibpur, and Former Professor Indian Institute of Technology, Kharagpur

Keynote Speakers

Prof. Nishchal K. Verma,

Professor, IIT Kanpur

Dr. Prahlad Vadakkepat,

Associate Professor, NUS, Singapore

Dr. Santosh Kumar Vipparthi

Associate Professor, IIT Ropar

Dr. Damodar Reddy,

Associate Professor, NIT Goa

Dr. Yasin Kaya,

Associate Professor, Adana Alparslan Türkeş Science and Technology University, Turkey.

Chief Patron

Prof. (Dr.) Mahesh Chandra Govil,
Director, NIT Sikkim

Patron

Dr. Pratyay Kuila,
HoD, CSE, NIT Sikkim

Dr. Sanjay Kumar Jana,
HoD, ECE, NIT Sikkim

Organising Chairs

Dr. Vishal Vishnoi,
Assistant Professor, ECE, NIT Sikkim

Dr. Varun Gupta,
Assistant Professor, ECE, NIT Sikkim

Dr. Bam Bahadur Sinha,
Assistant Professor, ECE, NIT Sikkim

Advisory Committee

Prof. Lalit Kumar Awasthi
SPU, Mandi

Prof. Binod Kanaujia
NIT Jalandhar

Prof. Laxmidhar Behera
IIT Mandi

Prof. Pradip Kumar Jain
NIT Patna

Prof. A. Elayaperumal
NIT Nagaland

Prof. Ashutosh Kumar Singh
IIIT Bhopal

Prof. Valentina E. Balas
Aurel Vlaicu University of Arad, Romania

Prof. Vijayan K. Asari
University of Dayton, United States

Prof. Rajendrasinh Jadeja
MU, Rajkot

Prof. Sathans
NIT Kurukshetra

Prof. Brijesh Kumar
IGDTUW, Delhi

Prof. Nathi Ram Chauhan
IGDTUW, Delhi

Dr. Sheela Tiwari
NIT Jalandhar

Dr. Rajesh Singla
NIT Jalandhar

Dr. R Dhanalakshmi
IIIT Trichy

Local Advisory Committee

Dr. Ranjan Basak, NIT Sikkim
Dr. Achintesh Narayan Biswas, NIT Sikkim
Dr. Dhananjay Tripathi, NIT Sikkim
Dr. Anjan Ray, NIT Sikkim
Dr. Saurav Malick, NIT Sikkim
Dr. Sangram Ray, NIT Sikkim
Dr. Aurobinda Panda, NIT Sikkim

Organising Committee

Dr. Md. Sarfaraj Alam Ansari, NIT Sikkim
Dr. Molay Roy, NIT Sikkim
Dr. Pankaj Kumar Keserwani, NIT Sikkim
Dr. Hemant Kumar Kathania, NIT Sikkim
Dr. Reshmi Dhara, NIT Sikkim
Dr. Pradeep Kumar, NIT Sikkim
Dr. Jeetendra Singh, NIT Sikkim
Dr. Vivek Kumar, NIT Sikkim
Dr. Krishna Kumar, NIT Sikkim
Dr. Abhishek Rajan, NIT Sikkim
Dr. Sudipta Das, NIT Sikkim
Dr. Neelima Singh, NIT Sikkim
Dr. Diksha Rangwani, NIT Sikkim
Mr. Arunangshu Pal, NIT Sikkim

Publisher



(Confirmation Awaited)

Sponsors



Special Session

Track

Emerging Tools and Techniques in Healthcare

Session Chairs (*Special Session*)

Prof. Varshini Karthik
SRM Institute of Science and Technology, Chennai

Dr. Ashok Kumar D.
SRM Institute of Science and Technology, Chennai

Dr. Rohit Gupta
SRM Institute of Science and Technology, Chennai

Registration

- The registration fees to attend the conference is as mentioned on the website; however, registration is compulsory for participation.
- Last date of registration is 14.04.2025.
- Click the link for registration and details: [Click Here](#)



Contact Persons

Dr. Vishal Vishnoi
(voice: +91 98552 73397,
email: vishal.vishnoi@nitsikkim.ac.in)

Dr. Varun Gupta
(for special session only)
(voice: +91-9045440911
email: varungupta@nitsikkim.ac.in)

Dr. Bam Bahadur Sinha
(voice: +91 91515 22251,
email: bambahadursinha@nitsikkim.ac.in)

<https://rcsc2025nitsk.vercel.app/>
rcsc2025@gmail.com