

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

10th - 12th April 2025

Organized by

**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 Automation, System Control, Information and Artificial Communication. Image Processing, Intelligence/ 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 Associate Professor, NIT Goa 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)

## **Important Dates**

• Submission Deadline: 31st January 2025

• Acceptance Date: 10th March 2025

• Conference Dates: 10th - 12th April 2025

# **Keynote Speakers**

Prof. Xiao-Zhi Gao,

Professor, University of Eastern Finland

Prof. Shubhendu Bhasin,

Professor, IIT Delhi

Prof. Nishchal K. Verma,

Professor, IIT Kanpur

Dr. Santosh Kumar Vipparthi

Associate Professor, IIT Ropar

Dr. Damodar Reddy,

# **Organizing Committee**

#### **Patron**

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

#### Convener

Dr. Vishal Vishnoi,

Assistant Professor, ECE, NIT Sikkim

Dr. Bam Bahadur Sinha,

Assistant Professor, CSE, NIT Sikkim

### **Advisory Committee**

Prof. Lalit Kumar Awasthi

SPU, Mandi

Prof. Binod Kanaujia

NIT Jalandhar

Prof. Laxmidhar Behera

IIT Mandi

Prof. A. Elayaperumal

NIT Nagaland

Prof. Valentina E. Balas

Aurel Vlaicu University of Arad, Romania

Prof. Vijayan K. Asari

University of Dayton, United States

Prof. Brijesh Kumar

IGDTUW, Delhi

Prof. Nathi Ram Chauhan

IGDTUW, Delhi

Prof. Rajendrasinh Jadeja

MU, Rajkot

Dr. Sheela Tiwari

NIT Jalandhar

Dr. Rajesh Singla

NIT Jalandhar

Dr. R Dhanalakshmi

**IIIT Trichy** 

### **Local Advisory Committee**

Dr. Ranjan Basak

NIT Sikkim

**Dr Anjan Ray** NIT Sikkim

Dr. Pratyay Kuila

NIT Sikkim

Dr. Aurobinda Panda

NIT Sikkim

### **Technical Program Committee**

Dr. Vishal Satpute

VNIT Nagpur

Dr. Sangram Ray

NIT Sikkim

Dr. Sarfaraj Alam Ansari

NIT Sikkim

Dr. Hemant Kumar Kathania

NIT Sikkim

Dr. Krishna Kumar

NIT Sikkim

Dr. Rohit Gupta

SRM Chennai

Dr. Tanmay Dubey

**IIIT Surat** 

Dr. Himansu Sekhar Pattanayak

NIT Kurukshetra

Dr. Jitendra Kumar Samriya

**IIIT Sonepat** 

Dr. Ravinder Singh

NSUT Delhi

## **Publisher**





## Registration

- The registration fees to attend the conference is as mentioned in the website; however, registration is compulsory for participation.
- Last date of registration is 31.01.2025.
- Click the link for registration and details: <u>Click</u> Here



### **Contact Persons**

Dr. Vishal Vishnoi

(voice: +91 98552 73397,

email: vishal.vishnoi@nitsikkim.ac.in)

Dr. Bam Bahadur Sinha

(voice: +91 91515 22251,

email: bambahadursinha@nitsikkim.ac.in)