

Registration Form

Short-Term Course (STC)

On

Recent Trends in Computer Vision, Artificial Intelligence and Robotics

(RTCVAIR-2023)

(20th March – 25th March 2023)

Hybrid Mode

1. Name:.....
2. Gender:.....
3. Designation:.....
4. Organization:.....
5. Correspondence address:.....

Mobile. No.:.....

E-mail:.....

6. Qualifications:

7. Teaching/Research Exp.(years):.....

8. Area of Research:

9. Registration fee details:

The above information provides is true and to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the programme.

(Signature of the Applicant with date)

(Signature of Head of Department/ Institute with date)

Registration

How to Register

Duly filled applications form need to be submitted on or **before 18th March, 2023**. The selection is on a first come first served basis depending upon the availability of seats. As seats are limited, so pre-registration is required by applying online through Google link form below.

Google form link:

<https://forms.gle/kSV2W3oY5pmCNdEU7>

Registration Fee:

Research Scholars & Students : INR 300/-

Faculty/Industry Person : INR 500/-

Beneficiary : NIT Delhi STC Conf.

Bank Name : CANARA BANK

Account No : 2983101006538

IFSC Code : CNRB0002983

ORGANIZING COMMITTEE

Chief Patron

Prof. (Dr.) Ajay K. Sharma | Hon. Director, NIT Delhi

Patron

Dr. Manoj Kumar | ECE Department
(HoD, ECE)

Coordinator(s)

Dr. Mahesh Kumar Singh | ECE Department

Dr. Dharmendra Kumar Jhariya | ECE Department

Organizing Committee Members

Dr. Rikmantra Basu | ECE Department

Dr. Manisha Bharti | ECE Department

Dr. D. Vaithyanathan | ECE Department

Dr. Sandeep Kumar | ECE Department

Dr. Baljit Kaur | ECE Department

Dr. Sachin Agarwal | ECE Department

Dr. Nitin Singh Singha | ECE Department

Dr. Preeti Verma | ECE Department

Dr.Neha Paras | ECE Department

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Prof. (Dr.) Manoj Kumar

COORDINATOR(S)

Dr. Mahesh Kumar Singh

Dr. Dharmendra Kumar Jhariya



ORGANISED BY

Advanced Visual Computing Lab

Department of Electronics and Communication Engineering

National Institute of Technology, Delhi

About the institute

National Institute of Technology, Delhi (NITD) was established in 2010 by Ministry of Human Resource Development, Government of India during the 11th Five Year Plan. It has been declared as an Institute of National Importance by an act of Parliament of India. It aims to provide instructions and research avenues in the areas of Engineering, Technology, Management, Education, Sciences and Humanities and for advancement of learning and dissemination of knowledge in such areas.

The institute offers three undergraduate programs, five PG programs and Ph. D. program in all disciplines not only to keep pace with the expanding frontiers of knowledge but also to provide research training relevant to the present social and economic objectives of the country and the world.

The institute is located in Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA. Campus is situated at around 12 km from Jahangirpuri Metro Station and is well connected with public conveyance.

About the Department

The department of Electronics and Communication Engineering was established in 2010, immediate with the beginning of the Institute under the aegis of Ministry of Human Resource and Development (MHRD), Govt. of India. Currently it is offering one Undergraduate (B. Tech) course and two Post Graduate (M. Tech) courses in ECE and in VLSI Design. The Department offers PhD programme in the area like signal Processing, communication, VLSI design, electronic devices and circuits, electronic measurement and instrumentation, microprocessor and microcontroller, microwave and antenna design, optical fibre communication and optical device.

About the Course

The course is designed to provide exposure to the fundamentals and advancements in Artificial Intelligence, Robotics, Computer vision and Signal Processing. During this course, the scientists, academicians, and industry experts will discuss the current and future scope in the aforementioned field. This course provides cutting edge research ideas to the participants.

The purpose of this FDP is to disseminate the scientific, theoretical and applied research in the field of Industry 4.0, to serve as a platform for demonstrating research-oriented outcomes with their implementations in the real applications. This FDP will emphasize the gap between research and actual practice, and cover applications of technologies, which present new insights, innovative modelling techniques and novel optimization methodologies associated with Industry 4.0.

Advanced research topics related to Recent Trends in Computer Vision & Artificial Intelligence will be addressed during STC. The included topics are as:

- Advancements in Artificial Intelligence.
- Application of Agent (Robot) in domain of Artificial Intelligence.
- Recent advancement in computer vision.
- Advances in computer vision Algorithms.
- Interfacing Robot with recent AI algorithm.
- Challenges and security issues for the Robotics.
- Advancements in Image Processing.
- Emerging trends in Machine Learning.
- Modelling and design of Multi Robot.

This course will offer a unique opportunity to the faculty members, researchers, engineers and research student working in the hybrid theme of the manufacturing and thermal Sciences. Talks will be delivered by eminent academicians, scientists, and industry persons as well as field professionals.

Eligibility for Participants

The faculty development programme is open to faculty members, research scholars, students and industry person belonging to engineering/ science disciplines.

List of Experts:

Prof. K.S. Venkatesh, Professor, IIT Kanpur
Prof. Ashish Dutta, Professor, IIT Kanpur
Dr. Ekta Singla, Associate Professor, IIT Ropar
Dr. Ashish Singla, Associate Professor Thapar University Patiala
Dr. Rekha Raja, Scientist, Wageningen University & Research USA
Dr. Abhishek Sarkar, Assistant Professor, BITS Pilani
Dr. Radhey Shyam, Assistant Professor, IIT Mandi
Dr. Vinod Kurmi, Assistant Professor, IISER Bhopal
Dr. Tharun Reddy, Assistant Professor, IIT Roorkee
Dr. Ekant Sharma, Assistant Professor, IIT Roorkee
Dr. Rajesh Bhatt, Senior Scientist, IIT Kanpur

For any queries please contact:

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National Institute of Technology, Delhi
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More Detailed queries of STC Program:

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