

International Webinar series on “Robotics” under the The Robotics Society, India – Student Chapter  
RCC Institute of Information Technology, Kolkata, India

Organized by: Department of Applied Electronics & Instrumentation Engineering  
RCC Institute of Information Technology, Kolkata, India

**From 1st June to 22nd June, 2020**

#### **PATRON**

Shri Pranabesh Das,

Director of Technical Education, Govt. of West Bengal  
& Chairman, BoG, RCCIIT

#### **ADVISORY COMMITTEE (Academic)**

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#### **CONVENER**

Dr. Srijan Bhattacharya, Assistant Professor, AEIE  
&  
Coordinator,  
The Robotics Society, Student Chapter, RCCIIT

#### **CO –ORDINATOR(S)**

Mr. Avishek Paul, Assistant Professor, AEIE

Mr. Kalyan Biswas, Assistant Professor, AEIE

#### **ORGANIZING COMMITTEE**

Mr. Kuntal Ghosh, Laboratory Technician, AEIE

Mr. Rimo Kumar Dey, Technical Assistant, AEIE

Mr. Dibyendu Datta, Technical Assistant, AEIE

Mr. Goutam Bera, Junior Assistant, AEIE

#### **Workshop Platform:**

Online (Google Meet)

**Registration Fees – Nil**

#### **RCC INSTITUTE OF INFORMATION TECHNOLOGY:**

RCC Institute of Information Technology (RCCIIT) is a World Bank funded (TEQIP-II) Government aided self financing Engineering College under an autonomous Society of the Dept. of Higher Education Govt. of West Bengal. It was setup in 1999 with an active support and collaboration of Ministry of Information Technology, Government of India and Department of Higher Education, Government of West Bengal.

#### **VISION:**

We at RCCIIT undertake to impart knowledge and skill of the highest quality by applying technological innovations through the use of state-of-the-art technological tools for generating technical manpower as required in industries, research organizations and academia and to inculcate the importance of interdisciplinary research and development that directly impacts the social needs of our country.

#### **MISSION:**

To train technical professionals with cutting-edge technological knowledge and skill, good communication ability and interpersonal skills for meeting challenges with innovation and application. To produce quality engineers and good human beings who will be able to assess the need, design solutions and apply their innovation skills to implement projects with clean and green technology for the benefit of mankind. To select, groom and retain talented, qualified and committed faculty and staff. To develop relevant infrastructure and learning resources with conducive climate for pursuing planned research and learning practices by all the stakeholders.

#### **DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING:**

The Department of Applied Electronics & Instrumentation Engineering started its journey in the year 2010 under this Institute. It encompasses various specialized fields such as industrial, biomedical & analytical instrumentation, process control, sensors & transducers, electrical & electronic measurement etc. The present intake of the Department is 60. The various automation excellence of present world has one of the pillars in this discipline. The Department of AEIE will have a strong role to play in near future towards research and development.

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Sl. No.	Date	Speaker & Title of Talk
1	01 – 06 – 2020 (Monday) 3:00PM IST	Prof. Asokan Thondiyath, Professor and Head, Department of Engineering Design Indian Institute of Technology Madras, Chennai, India “Multimodal robots for Industrial and Field applications - Design and Control”
2	04 – 06 – 2020 (Thursday) 3:30 PM IST	Dr. Anirban Chowdhury, Lecturer, Computer Science and Artificial Intelligence, School of Computer Science and Electronic Engineering (CSEE), University of Essex (UoE) Member of the Smart Health Technologies Group and Robotics Group at University of Essex, UK “Emerging brain-robot interfaces for hand exoskeleton based rehabilitation therapy for stroke patients”
3	08 – 06 – 2020 (Monday) 2:30 PM IST	Prof. Subrata Chattopadhyay, Professor, Electrical Engineering Department National Institute of Technical Teacher Training & Research, Kolkata, India “Sensors in Robotics”
4	09 – 06 – 2020 (Tuesday) 3:00 PM IST	Dr. Soumya Kanti Manna, Lecturer, Design Engineering, Program Director (Biomedical Engineering), Canterbury Christ Church University, UK “Exoskeletons and their role in post-stroke rehabilitation”
5	11 – 06 – 2020 (Thursday) 3:00 PM IST	Dr. Tanushyam Chattopadhyay, Principal Scientist, TCS Research and Innovation Lab, India “Data analytics for industrial IoT”
6	12 – 06 – 2020 (Friday) 10:00 AM IST	Prof. Subhasis Bhaumik, Dean, Research & Consultancy, Professor & Ex Head, Aerospace Engineering and Applied Mechanics, School of Mechatronics & Robotics, Indian Institute of Engineering Science and Technology, Shibpur, India “Mechatronics”
7 (6A)	12 – 06 – 2020 (Friday) 03:00 PM IST	Prof. Laxmidhar Behera, Poonam and Prabhu Goel Chair Professor Department of Electrical Engineering, Indian Institute of Technology Kanpur 208 016 India <a href="http://home.iitk.ac.in/~lbehera/">http://home.iitk.ac.in/~lbehera/</a> “Imitation Learning in Robotic Systems”
8	15 – 06 – 2020 (Monday) 11:30 AM IST	Dr. Nagahanumaiah, Director, Central Manufacturing Technology Institute, Bangalore, Karnataka, India “Product Innovation in India- Role of Youth”
9	16 – 06 – 2020 (Tuesday) 6:00 PM IST. 6:30 PM BD 9:30 PM JP	Prof. Md Atiqur Rahman Ahad, Professor, Dept. of Electrical and Electronic Engineering (EEE), University of Dhaka, Bangladesh, Specially Appointed Associate Professor, Dept. of Media Intelligent, Osaka University, Japan “Vision- and Sensor-based Healthcare Applications: Few Cases”
10	22 – 06 – 2020 (Monday) 03:00 PM IST	Prof. Ajoy Kumar Ray, Padma Shri, Ex- Professor, IIT Kharagpur, India Ex-Vice Chancellor, BESU, Shibpur, India Ex-Director, IEST, Shibpur, India “Evolution of Robotics and Robotic Sensing”

#### CONTACT PERSON

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