



## IEEE Silchar-Subsection in collaboration with NIT Silchar and NIT Agartala presents



### Webinar On

## “MATLAB applications for modeling and simulation of Robots”

01<sup>st</sup>-03<sup>rd</sup> December 2021

Organized By

**Industrial Relations & Entrepreneurship  
Development Committee  
(IREDC, IEEE-Silchar Subsection)**

### ABOUT IEEE SILCHAR SUBSECTION

IEEE Silchar Subsection came into existence on 26<sup>th</sup> June 2021 with great efforts from the IEEE community at NIT Silchar and other IEEE Members from the North-Eastern region. IEEE Silchar Subsection will have geographical reach over higher educational institutions in Assam, Tripura, Mizoram, Manipur, and Nagaland states of the North- Eastern Part of India in respect of activities of IEEE. The subsection works for creating opportunity and space in the line of IEEE mandate to advance technology for the benefit of humanity. The subsection looks at various technical activities, including facilitating Technical Co-Sponsorship for Conferences, Conducting Workshops, Technical Seminars, Distinguished Lecture programs, Colloquiums, and other possible technical activities. The subsection is actively engaged in bringing student members into various activities through the student chapters.

### ABOUT NIT SILCHAR

National Institute of Technology, Silchar is one of the premier institutes of higher education in India. Having NIRF ranking of 48 among all engineering colleges in the country, NIT Silchar focuses both on the academic and co- curricular development of the students. With the lush greenery, the tranquil lakes, state-of-the-art auditoriums, student cafes, advanced library, and seminar halls, the campus is alluring to both the students and outsiders alike. The campus life here is very lively with different activities going on throughout the academic year. The students have a plethora of choices to zero in on their interests; be it performing arts, sports activities, or technical activities.

### ABOUT NIT AGARTALA

The National Institute of Technology (NIT), Agartala, is a technology-oriented institute of higher education established by Ministry of Human Resource Development (MHRD), Government of India in Agartala. It was started as Tripura Engineering College in 1965 and declared as NIT in 2006. It is a technical institute in India along with all other NITs and IITs. It is recognized as an Institute of National Importance, by an act of the Parliament of India. It is a leading reputed technical institute of the country along with the IITs and NITs. NIT, Agartala is one of the thirty one national-level Technical Institutes set up by the Government of India. The Institute's mission is “to help to improve the economic development of the country particularly the North-East states and also the public systems, through pursuit of excellence in technical education, research, consultancy and training”.

### CHIEF PATRON

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Prof. H. K. Sharma, Director, NIT Agartala

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### CONVENORS

Dr. V. C. Pal, NIT Silchar

&

Dr. Ardhendu Saha, NIT Agartala

Co-Chairs, Industrial Relations & Entrepreneurship Development Committee, IEEE-Silchar Subsection

### STUDENT COORDINATORS

Dr. Sampa Das, NIT Agartala

Boddu Venkateswarlu, NIT Silchar

Rishikesh Sarma, NIT Silchar

Sushma Verma, NIT Silchar

Sumant Anand, NIT Manipur

## ABOUT THE EVENT

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The purpose of this webinar is to develop a bridge between academia and the modern industry demands. This webinar will focus on developing the skills and improving the knowledge of students for current demands of technological developments in practical experiments of industries. Thereby, providing well-groomed, employable students to take up the challenges in the industry.

## OUTCOME

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- Audience are familiarized with the simulation platform and ramped up to a similar level of expertise
- Audience are familiarized with foundational concepts of Mathematical Modelling and developing of Control Systems
- Audience are familiarized with deployment workflows.

## TARGETED PARTICIPANTS

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The faculty members of the AICTE approved institutions, research scholars, UG/PG Students, Engineer/Technicians from Industry.

## OUR KEY SPEAKER

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- Dr. Monalisa Pal, MathWorks India Private Limited

## Program Details

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Day	Time	Session
01/12/2021	3:00-4:00 p.m. IST	Title: Introduction to MATLAB and Simulink
02/12/2021	3:00-4:30 p.m. IST	Title: Mathematical Modelling of practical systems
03/12/2021	3:00-4:30 p.m. IST	Title: Realization of Robots in Real World

## IMPORTANT DATES

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Last Date of receipt of application: **28/11/2021**

Notification of selection by e-mail: **29/11/2021**

## REGISTRATION PROCESS

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Registration Fee: NIL

Online Registration Link:

<https://forms.gle/chJaEPfWMpkMnsZN9>

The intimation about the webinar will be sent to the candidates via email.

## CERTIFICATION

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E- Certificates will be issued to the participants only after the successful completion of the webinars with 70% attendance.

## CONTACT DETAILS

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