Five Days National Workshop

On

Application of Machine Learning for Communication and Signal Processing

22nd – 26th Nov 2021

Organized by

Department of Electronics and Communication Engg.
National Institute of Technology Meghalaya
Bijni Complex, Laitumkhrah, Shillong –793003

Chief Patron
Prof. B. B. Biswal, Director, NIT Meghalaya

General Chair
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Experts/Resource Persons
Faculties from various IITs, NITs, Industry personnel and in-house faculties

Who Can Register
UG/PG students, Research Scholars, Faculty members, Industry Experts, Engineers from R&D organization.

How to Register
- Interested participants may apply through online registration link: **https://forms.gle/CmdV4prvKeQKnw3F8**
- The number of participants are limited to 60.
- Participant's registration will be confirmed on first come first serve basis.
- E-Certificate will be issued to all the participants.

About the Workshop

       This workshop is designed to address recent advancements in the field of machine learning for communication and signal processing. In more recent years, the algorithms, tools, computational power, availability of data, and other enablers have led machine learning to solve for signal processing functions more directly within communications systems. The major focus of the workshop will be to delve into the understanding of machine learning at a basic level and analyse its importance to communication and signal processing along with hands-on exercises. The course will offer a unique platform to the scientists of R&D sectors, practicing engineers, academicians, and research scholars working in the relevant areas through detailed expert talk. The expert talk will include a blend of recent advancements, challenges, and solutions in communication and signal processing.

About NIT Meghalaya

       National Institute of Technology Meghalaya is one among the thirty NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the Ministry of Human Resource Development, Government of India. NIT Meghalaya was established in the year 2010 as joint venture of Govt. of India and Govt. of Meghalaya with granted permanent campus of around 450 acres at Sohra, Cherrapunjee. The institute is functioning in its temporary campus at Shillong in East Khasi Hills district of Meghalaya and is about 2 kms from the main bus stand of Shillong on Police bazaar – Laitumkhrah roadway. The city of Shillong is well connected with rest of country by road. The nearest railway station is at Guwahati (Assam), at a distance of 90 kms from Shillong. The nearest airport is within city (15 kms). The place has healthy climate with temperature ranging from 07°c to 16°c during December and is at an altitude of 1520 meters.

National Institute of Technology Meghalaya,
Bijni Complex, Shillong-793003

Our Key Speakers

- ❖ **Prof. Ganapati Panda,**
  Adjunct Professor, NIT Meghalaya
- ❖ **Prof. Sarat Kumar Patra,**
  Director, IIIT Vadodara
- ❖ **Dr. Subrata Rakshit,**
  Director, Centre for Artificial Intelligence and Robotics, DRDO, Bangalore
- ❖ **Dr. Nithin V. George,**
  Associate Professor, IIT, Gandhinagar
- ❖ **Dr. Prasanta Kumar Ghosh,**
  Associate Professor, IISc, Bangalore
- ❖ **Dr. Rabul Hussain Laskar,**
  Associate Professor, NIT Silchar
- ❖ **Dr. Thoudam Doren Singh,**
  Assistant Professor, NIT Silchar
- ❖ **NIT Meghalaya Faculty Members**

Important Dates

Last date of registration	**18th Nov 2021**
Intimation to the participants	**20th Nov 2021**

Registration Fee

UG/PG/Research scholar	**Rs. 500/-**
Faculty	**Rs. 1000/-**
Industry experts/ Engineers from R&D organization	**Rs. 1500/-**

Bank details for registration

Name of the Bank	**HDFC Bank**
Name of the Account	**NIT EC CONF**
Account number	**50200021843761**
Branch	**Laitumkhrah**
IFSC	**HDFC0002934**
MICR	**793240005**