



# Research Conclave 2020

(Sharing of Research Ideas)

National Institute of Technology Meghalaya  
Shillong, Meghalaya-793003

28<sup>th</sup>  
February  
2020

## About Research Conclave

Research Conclave is organized by the National Institute of Technology Meghalaya for the benefits of Ph.D scholars of various institutes. Research Conclave has become an excellent platform to nurture young minds towards accelerated research and innovation. It intends to bring the scholars to address on research relevant to socio-economic problems. Research Conclave provides a forum to identify multi-disciplinary problems and also encourage the scholars to be passionate about their research and bring out quality research outputs.

This Conclave provides an opportunity to the scholars of various institutes to share ideas in diversified topics related to current trends and future advances in domain areas such as cybersecurity, machine learning, VLSI, signal processing & communication, power electronics, machine drives, smart grids, fluid & thermal engineering, manufacturing and machine design, structural engineering, water resource and geo-technology, linear algebra, smart materials, nanotechnology, humanities and many more. These domains are potential drivers towards the sustainable development of the nation.

## About NIT Meghalaya

The National Institute of Technology Meghalaya (established in 2010 under the NIT Act 2007) is one among the thirty one NITs in India. NIT Meghalaya is ranked 67th position by NIRF, 56th position by Business World, 28th position under Top 35 Government Engineering Colleges by India Today in 2019. The Institute is presently operating from a temporary campus at Laitumkhrh, Shillong, India. It's permanent campus is under development at Cherrapunjee. Institutes has five Engineering Departments as Mechanical, Civil, Electrical, Electronics & Communication and Computer Science & Engineering, three Basic Science Departments including Social Science.

## Objective of the Conclave

- Showcasing the ongoing research activities by research scholars of NIT Meghalaya and other institutes.
- Providing a platform for exchange of thoughts among distinguishing guests, faculties and scholars from various disciplines.
- Inspiring and encouraging research scholars to demonstrate their innovative research work.

## Events

1. **Poster Presentation**
2. **Oral Presentation**
3. **Research work Demonstration**
4. **Talks by Eminent Academicians and Industry Personnel**
5. **Cultural Event**



## Who can participate?

1. **Interested Ph.D scholars from various institutes can participate.**
2. **Poster presentation is compulsory for all Ph.D scholars of NITM who have completed 2 years.**

## How to participate?

- Detailed guidelines can be found at <http://nitmeghalaya.in/nitmeghalaya/events/nitm-research-conclave>
- Soft Copies of the posters and papers to be sent to the following email: [researchconclave2020@nitm.ac.in](mailto:researchconclave2020@nitm.ac.in).
- Free Registration. No TA and accommodation for outstation candidates.



## Key Speakers

Prof. Amitava Chatterjee  
Jadavpur University  
Kolkata

Dr. Neena Gupta  
Indian Statistical Institute  
Kolkata



## Important dates

1. Last date of Poster, Paper and Research work Demonstration submission: **17<sup>th</sup> Feb 2020**
2. Acceptance of Oral presentation and Research work Demonstration: **20<sup>th</sup> Feb 2020**

## Patron

Prof. B. B. Biswal, Director

## Chairman

Prof. Gayadhar Panda, Dean (AA)

## Convenors

Dr. P. Rangababu, PiC-PG&R(AA); Contact: 9485177063  
Dr. Surmila Thokchom, Asst. Prof, CS; Contact: 9485177016

## Organising Committee

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Dr. P. N. Chatterjee, President, SAC

## Research Scholars Convenors

1. Mr. Kaibalya Prasad Panda ; Contact: 9090218342
2. Mr. Dipankar Paul; Contact: 9402517278
3. Mr. Narendra Babu.P; Contact: 6281571216
4. Mr. Dheeman Bhuyan; Contact: 9954948518