



National Institute Of Technology Mizoram

राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम

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The

Compendium

Monthly Newsletter

MARCH, 2023
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Director's Message



**Prof. S. Sundar
Director
NIT Mizoram**

Greetings !!

This is the Nineth issue of the first volume of the Institute newsletter 'THE COMPENDIUM'. It is a short collection of advancement of our students, teaching fraternity and staff during the month of March, 2023.

I appreciate the Editorial team for their relentless effort in bringing out 'THE COMPNEDIUM'. I congratulate faculty members and students for their publications, participation in academic events, organising academic activities and other notable achievements.

I wish all the readers a happy reading !!



Editor~ In~ Chief's Message



Dr. Shuchi
Asst. Prof.
Dept. of HSS (English)

Warm Greetings !!

I am pleased to bring out the Nineth issue of the Institute monthly newsletter, 'THE COMPENDIUM: a synopsis of events and academic prosperity of NIT Mizoram'.

The highlights of the current issue are academic & outreach activities and a wide spectrum of research & development, for the month of March 2023.

I express my heartfelt gratitude towards the Director, NIT Mizoram, Prof. S. Sundar for his encouragement and support.

I extend my sincere thanks to the Editor, Dr. Saurav Suman for all his help and technical support.

I also thank all my colleagues (faculty & office staff) and students of NIT Mizoram for their support by sending their achievements to us.

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RESEARCH AND DEVELOPMENT

❖ WORKSHOPS/CONFERENCES/STTP/FDP CONDUCTED

✚ Online Talk on 'Detecting and Interpreting Loss of Clamping Pressure on Transformers'

NIT Mizoram in collaboration with IE (India) Mizoram State Centre conducted online talk on “Detecting and Implementing Loss of Clamping Pressure on Transformers”, the speaker for this online talk was Prof. L. Satish, IISc Bangalore on 29th March 2023.

❖ PUBLICATION (Journal/Conference/Book Chapter)

1. Durga Malathi, Ajmal Koya Pulikkal, M. T. Ramesan, S. Nagarajan “Bio-fiber recovery from industrially discarded shoot waste (*Cymbopogon nardus*): a comprehensive study for reinforcement in sustainable composites” Biomass Conversion and Biorefinery. (2023; 10.1007/s13399-023-04038-7)

❖ WORKSHOPS/CONFERENCES/STTP/FDP ATTENDED

1. Dr. Surender Ontela presented a paper entitled “*Hydro-magnetic Viscoelastic Nanofluid Flow Past a Stretching Sheet with Temperature Dependent Viscosity*” at International Conference on Fluid Flows and Energy Storage Materials (ICFESM)-2023, on 18th March.
2. Sk Enamul (Research scholar, Mathematics) Attend a National Webinar on “An Introduction to the theory of partition” by Dr. Atul Dixit , IIT Gandhinagar on 14th March 2023
3. Sk Enamul (Research scholar, Mathematics) attend a technical webinar on 'Detecting and Interpreting Loss of Clamping Pressure on Transformers' by Prof. L. Satish, IISc Bangalore, organized by NIT Mizoram in collaboration with IE (India) Mizoram State Centre on 29th March 2023
4. P C Lalngilneia (Research scholar, Mathematics) Presented Paper entitled “*Structural, electrical and conductivity properties of Bismuth Nickel Titanate*” at 2nd International Conference on “Recent Trends in Mathematical, Physical and Computational Sciences (ICRTMPCS-2023), Dr. Harisingh Gour Central University, Sagar (M.P.) on 17th March 2023

FACULTY AWARDS & ACHIEVEMENTS

1. Prof. S. Sundar, Director, NIT Mizoram got nominated as a Core Member of CSAB 2023.

2. Prof. S. Sundar, Director, NIT Mizoram got selected as Selection Committee Member for the Selection of Registrar, NIT Rourkela on 10th March 2023.
3. Prof. S. Sundar, Director, NIT Mizoram Attended the PAC Meeting of the SERB-Accelerate Vigyan on 6th & 7th March 2023.

1. EXPERT/INVITED TALK /SESSION CHAIRED IN WORKSHOP/STTP/CONFERENCE:

1. Prof. S Sundar, Director, NIT Mizoram delivered Invited Talk at the Symposium on Applied Mathematical Modeling and Computation (SAMMC 2023), IIT Jodhpur on 4th March 2023.
2. Prof. S Sundar, Director, NIT Mizoram delivered Key Note Lecture at the National Conference on Applied Mathematics and Numerics" at IIST, Trivandrum on 8th March 2023.
3. Prof. S Sundar, Director, NIT Mizoram delivered Key Note Lecture at the International Conference ICMTA 2023 held at SRM University, Chennai.
4. Prof. S Sundar, Director, NIT Mizoram delivered an Invited Talk on NEP2020 at University of Mizoram on 3rd March 2023.
5. Prof. S Sundar, Director, NIT Mizoram Chief Guest of the Inauguration and Delivered Lecture Series on "Mathematics of Machine Learning" at the Prof.Laxmikantham Institute for Advanced Studies in Basic Sciences, Vizag on 16th and 17th March 2023.
6. Dr. Surender Ontela chaired a session in an International Conference on Fluid Flows and Energy Storage Materials (ICFESM)-2023 Malla Reddy University, Hyderabad on 18th March 2023.
7. Prof. Saibal Chatterjee delivered an expert talk on *NEP -2020: A Technical Education* at One Day National workshop (Hybrid Mode) organized by Dept of Electronics & Communication Engineering, Mizoram University, Aizawl, Mizoram on 24th March 2023.
8. Prof, Alok Shukla delivered an expert talk on *Materials for Sensor Application* at AICTE Training and Learning (ATAL) Academy Programme - A Continuous Professional Development Programme(CPDP) On Artificial Intelligence on Sensor Application, Department of ECE, Mizoram University Aizawl on 1st March 2023.
9. Prof, Alok Shukla delivered an expert talk on *Development of Ceramic Materials for Electronic Applications* at 2nd International Conference on "Recent Trends in Mathematical, Physical and Computational Sciences (ICRTMPCS-2023), Dr. Harisingh Gour Central University, Sagar (M.P.) on 17th March 2023.
10. Prof. Ajmal Koya Pulikkal delivered an expert talk on *Clouding Behaviour of Hydroxypropyl Methyl Cellulose: Effects of Amphiphilic Drugs and Inorganic Salts* at 14th

International Conference on Advancements in Polymeric Materials (APM-2023) held at Central Institute of Petrochemicals Engineering & Technology (CIPET): School for Advanced Research in Petrochemicals (SARP)-APDDRL, Jalahobli, Bengaluru, Karnataka on 17th March 2023.

❖ IMPORTANT DAYS OBSERVED AT NIT MIZORAM

1. International Women's Day

International Women's Day 2023, was celebrated at National Institute of Technology Mizoram. The theme for the year 2023 was *DigitALL: Innovation and Technology for gender equality*. On this occasion, activities like speech competition, quiz competition, poetry writing and reciting competition were conducted. Students eagerly and enthusiastically participated in the competitions. Students were encouraged towards the international campaign *#EmbraceEquity*.



Poetry Competition Winner: Name- Puneet Kabir

Roll no.-BT20ME016

एक प्रश्न

लड़का लड़की एक समान
सभी करें यही गुणगान
पुनीत कटु सत्य ये बोले
आज भी नहीं उसका सम्मान।

विचरण का एक ही दृष्टांत
पैदा हुआ जब पत्र लाडला
बजे नगाड़े, दागे गोले
साथ हुआ सोहर का गान,
देखो जब जन्मी पुत्री अभागी
क्यूं न हुआ एक दीप का दान
मैं तो बस एक प्रश्न पूछता
क्या? नहीं वह इंसान।

एक ही घर को रोशन करता
दो-दो घर की लाज बचाती
मात-पिता के तनिक कष्ट पर
बेटे से पहले वो आ जाती
हाय! उस लड़की का फिर भी
क्यूं न किया तूने सम्मान
मैं तो बस एक प्रश्न पूछता
क्या? नहीं वह इंसान।

लड़की ही थी झांसी की रानी
जिसने रण में संग्राम किया
लड़की ही थी मैडम क्यूरी
जिसने जग में नाम किया

फिर भी उस लड़की का जग में
क्यूं नहीं होता सम्मान,
मैं तो बस एक प्रश्न पूछता
क्या? नहीं वह इंसान।



Winner Puneet Kabir's recitation

**EK BHARAT SHRESHTHA BHARAT (EBSB)
North East (NE) Yuva Sangam**

The idea of Ek Bharat Shreshtha Bharat envisages a sustained and structured cultural connection among various States of India and the idea was mooted by Hon'ble Prime Minister Shri Narendra Modiji.

The EBSB North East Yuva Sangam aims to strengthen people-to-people connections and build empathy between the youth of North Eastern States and the rest of India. For this flagship programme, 11 Higher Education Institutions from NE and 14 from the rest of the country have been paired. As such, NIT Mizoram is paired with IIM Rohtak.

The tour provided multi-dimensional exposure to the youth under five broad areas - Paryatan (Tourism), Parampara (Traditions), Pragati (Development), Prodyogik (Technology) and Paraspar Sampark (People- to-people connect). In addition to this, various interactions with industrial bodies like FICCI, Oil, etc.; interactions at Raj Bhawan, CM office, interactions with MSMEs, startup

entrepreneurs, artists, singers, sportspersons, musicians, SHGs, NGOs, etc. will be arranged as a part of the tour to enrich their overall experience.

Under this flagship programme, a team from Mizoram led by NIT Mizoram, which includes 4 coordinators and 24 students visited Haryana with IIM Rohtak as the nodal institute. Shri Dr. Hari Babu Kambhampati, Hon'ble Governor of Mizoram flagged off the team Haryana from the Governor's House Mizoram on 27th February 2023. The team spent in IIM Rohtak and visited historical sites like the Harappan Civilization, Kurukshetra Science Centre, Sultanpur National Park, a Ramsar site, Chandigarh Lake, Ambience Mall Gurugram, etc. The team also engaged in friendly basketball match with IIM Rohtak students and also performed traditional dances like *Cheraw*, *Chailam*, and *Sarlamkai*. The team Mizoram returned to Mizoram on 4th March 2023.



The team Haryana led by IIM Rohtak arrived at NIT Mizoram on 6th March 2023 and departed on 11th March 2023. On the day of arrival, there was a welcome gathering and the Director NIT Mizoram, Prof. S Sundar welcomed the team. The team was taken to Reiek view point and Mizoram Heritage Village. They were also taken to meet the world's largest family at Baktawng. There was an interaction programme with Pu Zoramthanga, Chief Minister of Mizoram. There was also visit to industrial area and meeting with the local entrepreneurs. The team was also taken to Aizawl bazar for shopping and visited some of the houses of NIT Mizoram local students under the buddy system.

EVENTISTRY



International Women's day competitions





Ek Bharat Shreshtha Bharat



Ek Bharat Shreshtha Bharat

DAAD INTERACTIVE PROGRAM

23RD MARCH 2023









अत्यद्भुतं ते भवतु अग्रिमं वर्षम्।
(MAY YOU HAVE A WONDERFUL YEAR AHEAD!)