

## ORGANIZING COMMITTEE

### CHIEF-PATRON



**Prof. P.S. Shukla**  
Hon'ble Vice-Chancellor,  
North- Eastern Hill University,  
Shillong

### PATRON



**Prof. P.K. Patra**  
Professor & Head,  
Dept. of Physics,  
North- Eastern Hill University,  
Shillong

### CONVENER



**Dr. Vikas Dubey**  
Associate Professor,  
Dept. of Physics,  
North- Eastern Hill University,  
Shillong

### CO-CONVENER



**Dr. S. Pandey**  
Associate Professor,  
Dept. of Physics,  
North- Eastern Hill University,  
Shillong

### PATRON



**Prof. A.K. Chandra**  
Dean, School of Physical Sciences,  
North- Eastern Hill University,  
Shillong

### CO-CONVENER



**Dr. S.P. Pati**  
Associate Professor,  
Dept. of Physics,  
North- Eastern Hill University,  
Shillong

### ORGANIZING SECRETARY



**Dr. S. S. Poholong**  
Assistant Professor,  
Dept. of Physics,  
North- Eastern Hill University,  
Shillong

## WORKSHOP OBJECTIVE

The workshop on recent trends in material science aims to bring together leading academicians, scientists, professionals from industries and research scholars to exchange and share their experiences in basic science and technology as well as emerging trends in global technological advancement. This workshop allows an interdisciplinary forum for students, research scholars and academicians to have fruitful discussion and navigate the future research for better mankind.

## THEME AND SUBTHEME

- Nanomaterials & Nanoscience.
- Smart Materials for Energy Harvesting.
- Display Materials.
- Materials for Biomedical Applications.
- Forensic Applications.
- Luminescence and its Applications.
- Magnetic and Magneto-electronic Materials.
- Magneto Electric Materials.
- Dielectric Materials.

## KEYNOTE SPEAKER

- Prof. B. V. R. Chowdari NTU, Singapore
- Prof. Dr. Yogendra Kumar Mishra, FRSC, University of Southern Denmark
- Dr. Maria Elena Zayas, Sonara, Mexico
- Dr. Jelena Mitric, Institute of Physics, Serbia
- Dr. Z. Gigem Portakal, Adana, Turkey
- Prof. Hedayatallah Salem, Professor at Egyptian Atomic Energy Authority
- Prof. Atef-El-Tehar, Al Azhar University Assuit- Egypt
- Dr. Marta Michlaska Domanaska, Poland
- Dr. Latif B., Nigeria
- Dr. Jelena, Mitric, Serbia
- Dr. Ajeet Kaushik, Florida Polytechnic University, Lakeland, USA
- Dr. KVR Murthy, President Luminescence Society of India
- Dr. Shubhara Das, CSIR-NIIST, Thrivendrum
- Dr. Manoj Gupta, AMPRI Bhopal



# INTERNATIONAL WORKSHOP ON RECENT TRENDS IN MATERIAL SCIENCE

27th August 2024

Organized By  
Department of Physics,  
North-Eastern Hill University,  
Shillong, 793022  
Meghalaya, India



## ABOUT NEHU

### History

The North-Eastern Hill University Act (24 of 1973) passed by both Houses of Parliament received the assent of the President of India on May 26th, 1973.

The objectives of the University, as laid down in the act, are "to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to pay special attention to the improvement of the social and economic conditions and welfare of the people of the hill areas of the North-eastern region, and in particular, the intellectual, academic and cultural advancement".

### ABOUT THE DEPARTMENT OF PHYSICS

The Department of Physics was established in 1976 with a view to build scientific manpower in this part of the country consistent with the NEHU Act. In the course of several years, the Department has attracted a wide spectrum of talented faculty and has identified Nuclear Physics (Experimental and Theoretical), Laser Physics (Experimental), Solid State Physics (Experimental and Theoretical) and High Energy/Particle Physics (Theoretical) as the thrust areas in its teaching and research programmes. These areas are included in the list of thrust areas by the Department of Science and Technology, Government of India.

Apart from conducting M.Sc. and Ph.D. programmes, faculty members have been invited by reputed national and international institutions to give talks on their research contributions. Some members have been offered associateships and senior associateships for collaborative research work.

### ADDRESS FOR CORRESPONDENCE

Contact us : Dr. Vikas Dubey  
Email Id : [jsvikasdubey@gmail.com](mailto:jsvikasdubey@gmail.com)  
Contact No. : +91 98269 37919

## ELIGIBILITY

- Academicians, Scientists, Research Scholars. UG, PG and R&D Institutes.

### REGISTRATION FEE

Students :	Rs.1000/-
Research Scholar:	Rs. 1500/-
Faculty:	Rs.2000/-
Industry Person :	Rs. 3000/-

- All the offline payment should made by DD/CASH.
- All the online payment should made by NEFT or UPI

### PAYMENT DETAILS

- Account Number: 054101000090003
- Account Holder Name: FO NEHU
- Bank Name: INDIAN OVERSEAS BANK
- IFSC Code : IOBA0000541
- Branch Name: Morellong Building, Shillong Branch
- Address: Shillong - 793001

### IMPORTANT DATES

- Last Date of Registration : 31st July 2024
- Confirmation of participation : 5th August 2024
- Date of Workshop : 27th August 2024

### ONLINE REGISTRATION LINK

<https://forms.gle/KscJf6RJ4VfQuiXf7>

### VENUE

Department of Physics, NEHU, Shillong Meghalaya

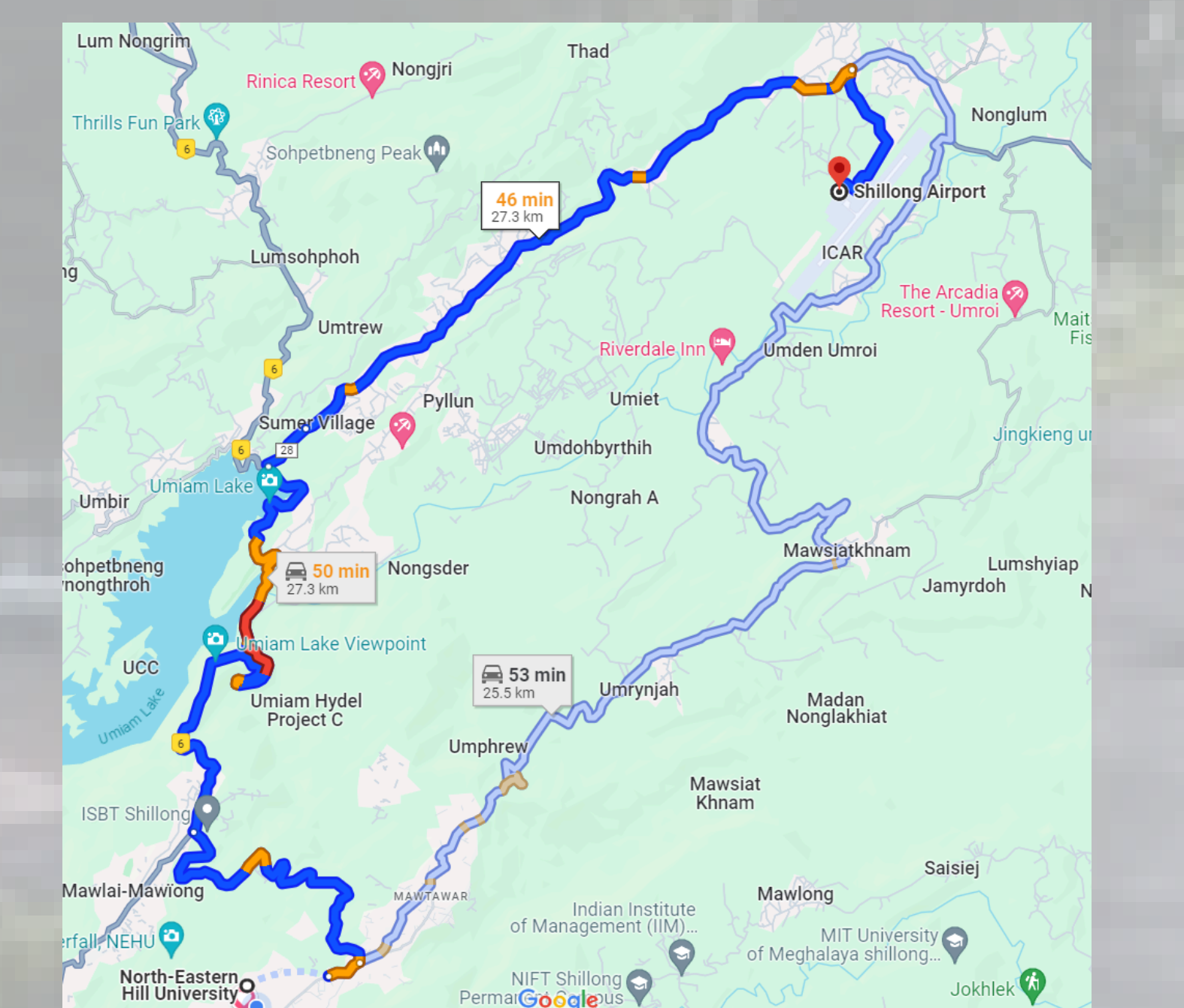
## ACCOMODATION

- A limited number of accommodations for the participants will be arranged on a payment basis the University Guest House on prior request. No travel support will be provided to the participants.

### HOW TO REACH ?

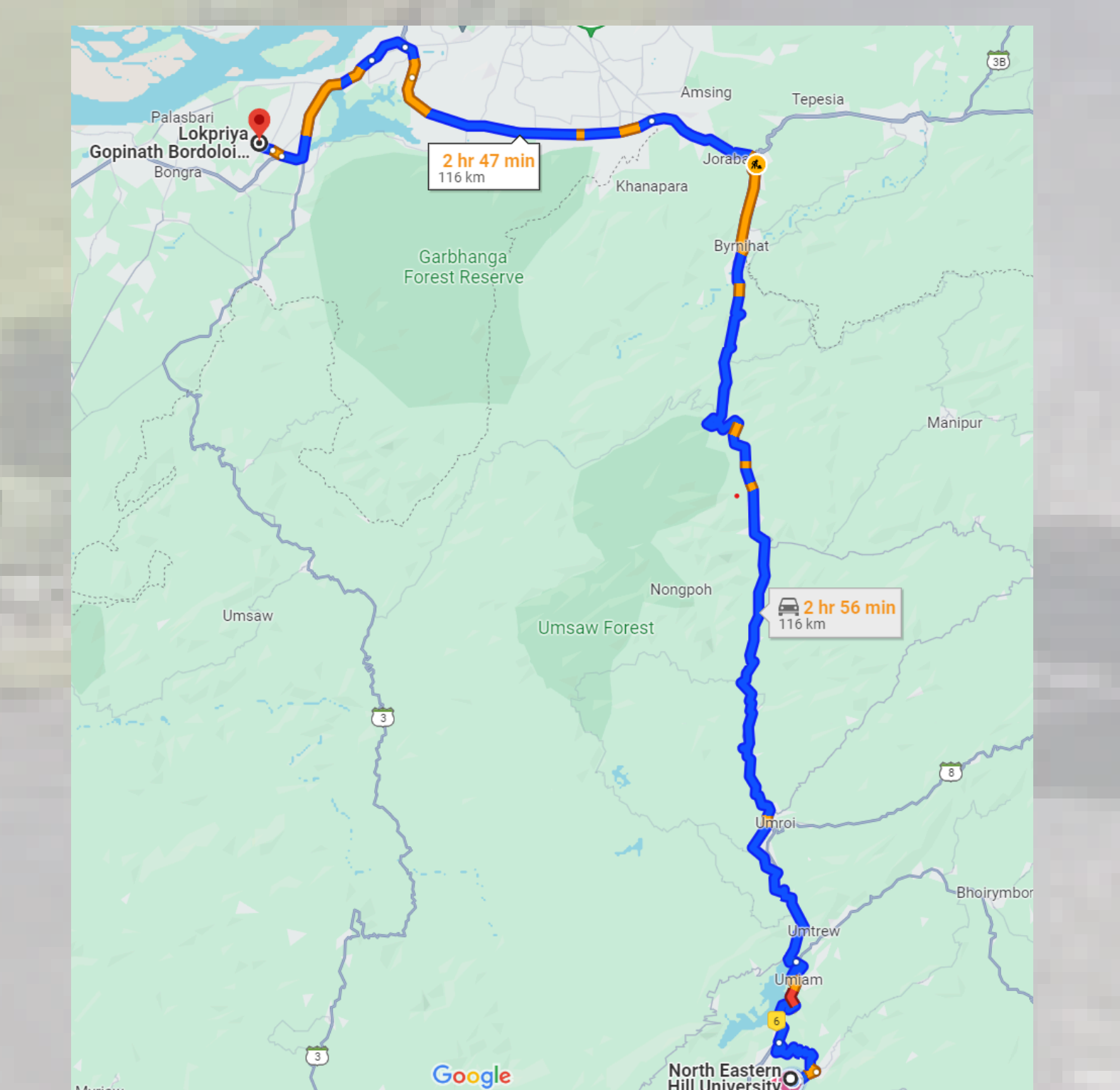
- By Air
- How to reach Shillong by air is one of the prime questions travellers ask mostly. Shillong Airport, located 35 km away at Umroi, is a domestic airport that links the hill station with Kolkata via Air India regional flights.

#### ROUTE FROM UMROI TO SHILLONG



- Another bigger and convenient airport is Lokpriya Gopinath Bordoloi International Airport at Guwahati, which is approximately 130 km away from Shillong.

#### ROUTE FROM GUWAHATI AIRPORT TO SHILLONG

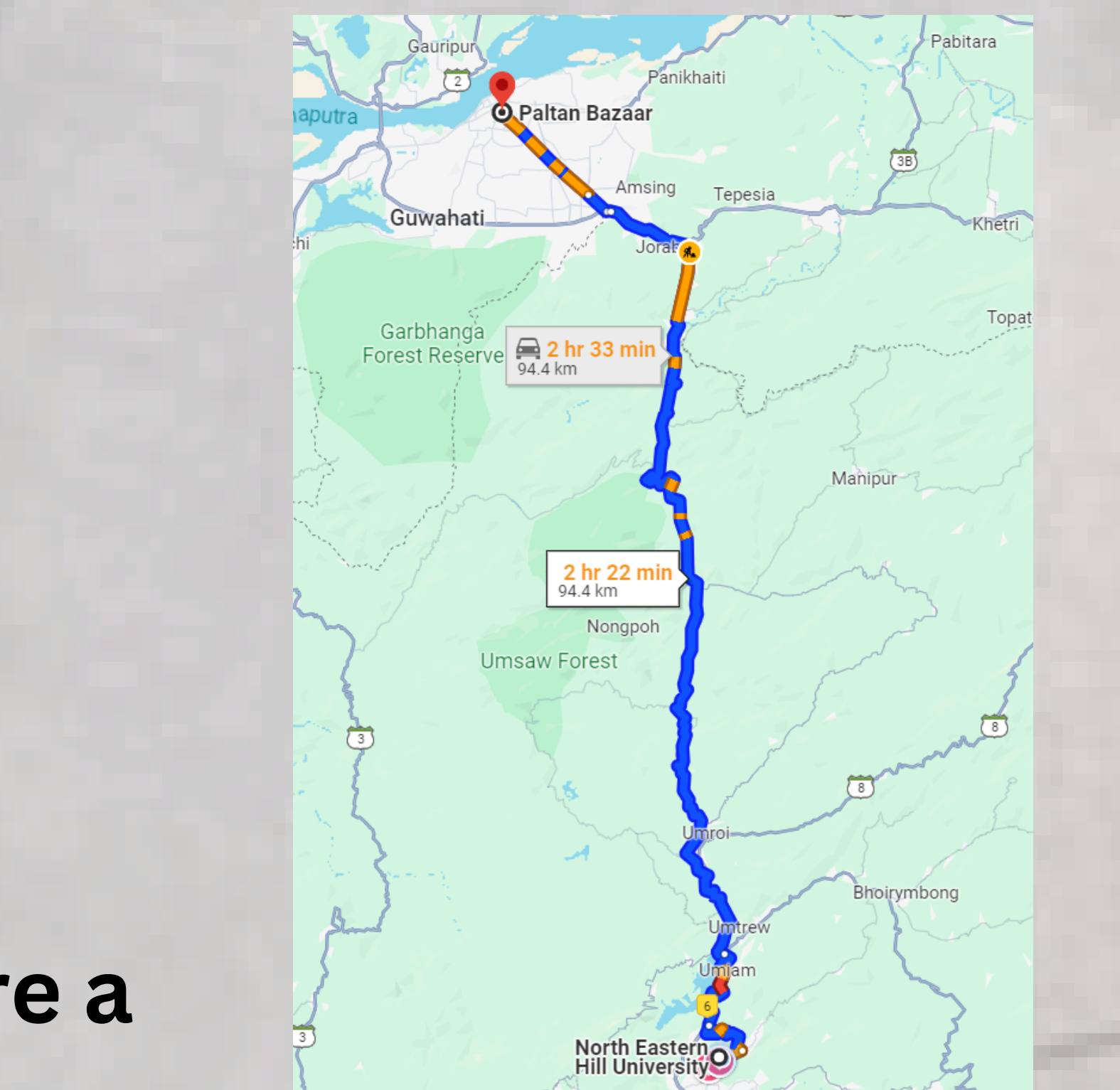


- After landing at the airport, visitors can avail of state bus services or hire taxis to reach various destinations.
- Besides, one can also opt for cabs from Guwahati to Shillong.

- By Rail

- Guwahati Railway Station is the nearest railhead to Shillong, which is about 135 km away.

#### ROUTE FROM GUWAHATI RAILWAY STATION TO SHILLONG



- The Guwahati Railway Station is well connected to major cities in India via an extensive rail network.

- From outside the station, travellers can hire a taxi or cab or take a bus to reach Shillong.





**Prof. C. Shivakumara**  
IISC Bangalore



**Dr. Manoj Gupta**  
CSIR-AMPRI,  
Bhopal



**Prof. KVR Murthy**  
President Luminescence Society of India



**Professor B.V.R. Chowdari**  
Senior Executive Director & President Emeritus  
Materials Research Society of Singapore (MRS-S)



**Dr. Ankush Vij**  
Central University Haryana



**Dr. Sudhanwa Patra**  
IIT Bhilai



**Prof. Kandalam Ramanujachary, Ph.D**  
Chemistry/Biochemistry & Research  
ROWAN University USA



**Yogendra Kumar Mishra**  
Ph.D. Dr. habil., FRSC  
Professor-Smart Materials,  
Mads Clausen Institute,  
University of Southern Denmark



**Dr. Ajeet Kaushik**  
Ph.D., Department of Environmental Engineering,  
joined Florida Polytechnic University



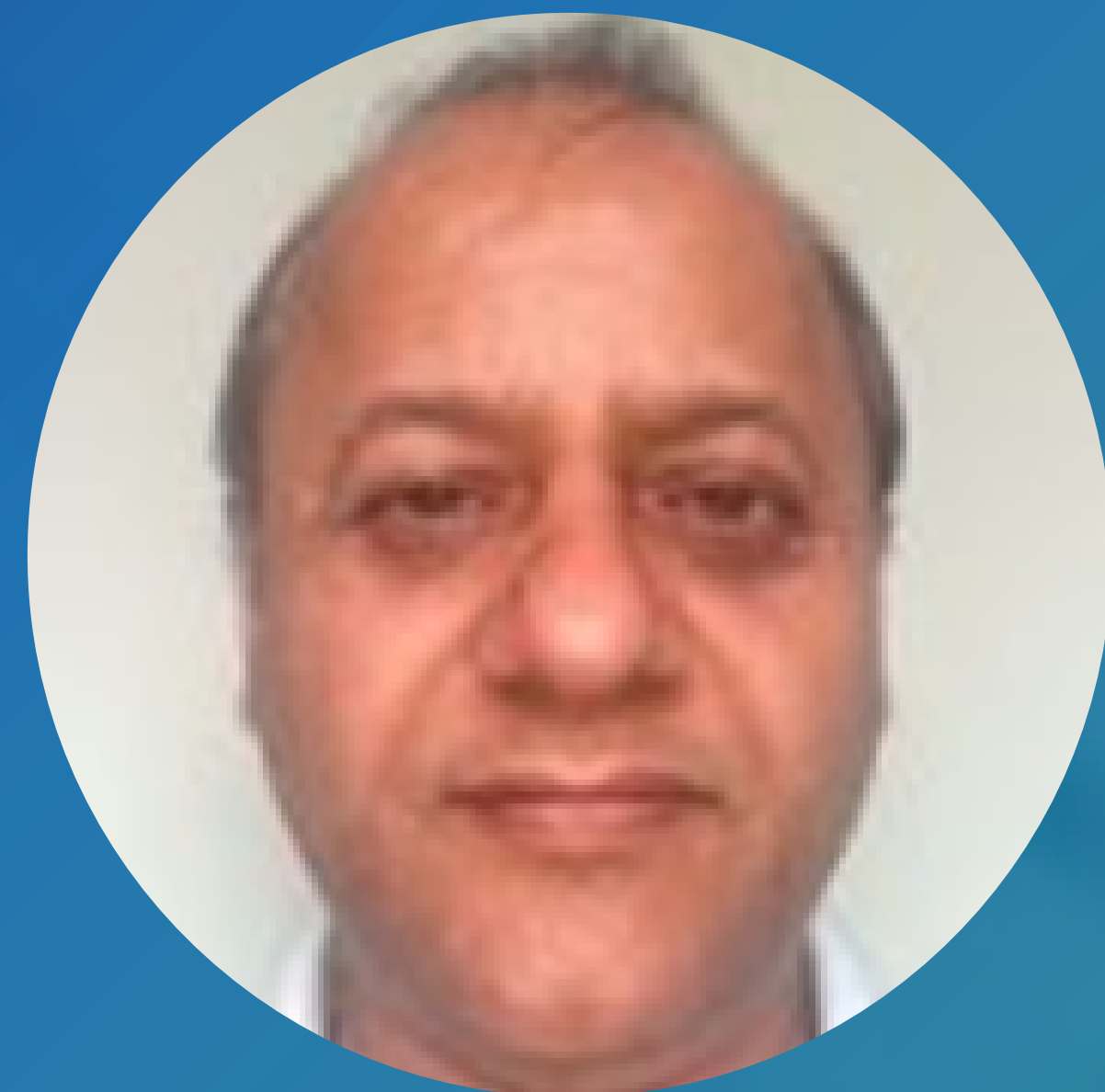
**Dr. M.B. Latif, PhD**  
Centre for Energy Research and Development,  
Obafemi Awolowo University, Ile-Ife



**Prof. Jagjeet Kaur Saluja**  
Durg



**Prof. S.J. Dhole**  
RTM Nagpur University  
Nagpur



**Prof. Narayan Prasad Adhikari**  
Central Department of Physics,  
Tribhuvan University,  
Kathmandu



**Prof. Dr. Rameshwar Adhikari**  
Research Centre for Applied Science  
and Technology (RECAST),  
Tribhuvan University,  
Kathmandu, Nepal



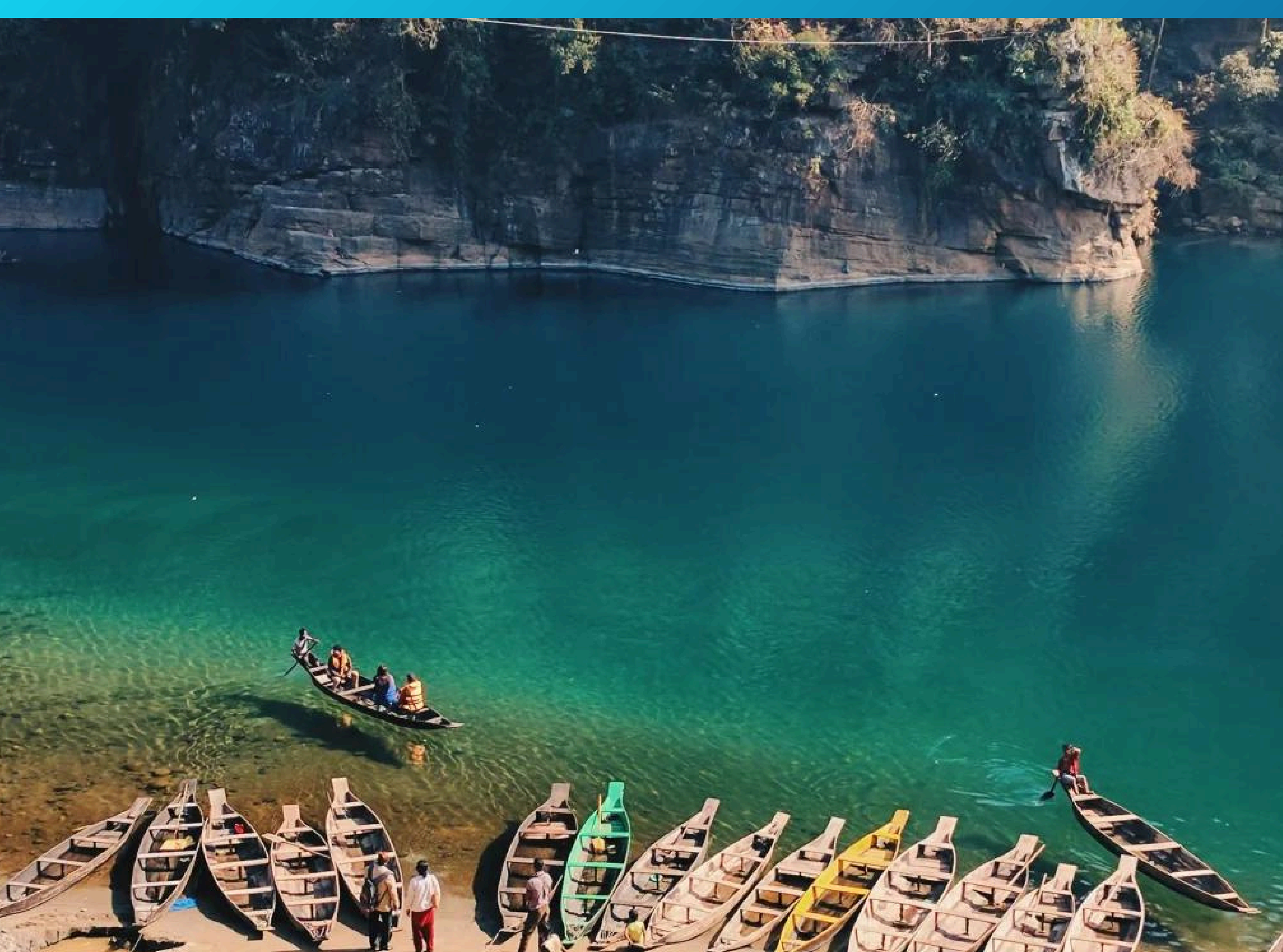
**Marta Michalska-Domańska**  
Military University of Technology,  
Poland



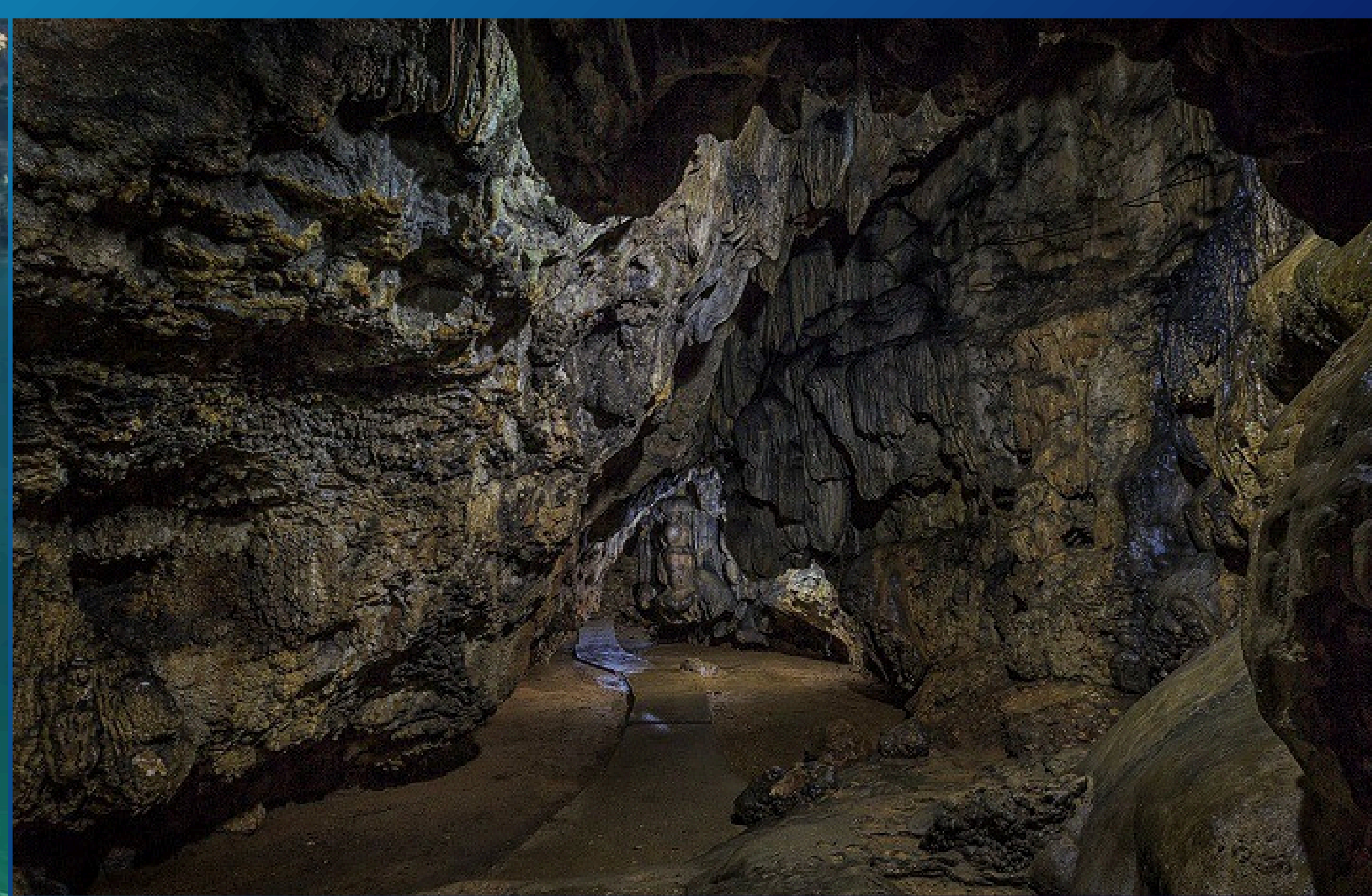
**Dr. Jelena Mitric**  
Institute of Physics,  
Serbia



**EXPLORE THE ENCHANTING BEAUTY OF SCOTLAND OF THE EAST...**



**Dawki**



**Mawmai Cave**



**Living Root Bridge**



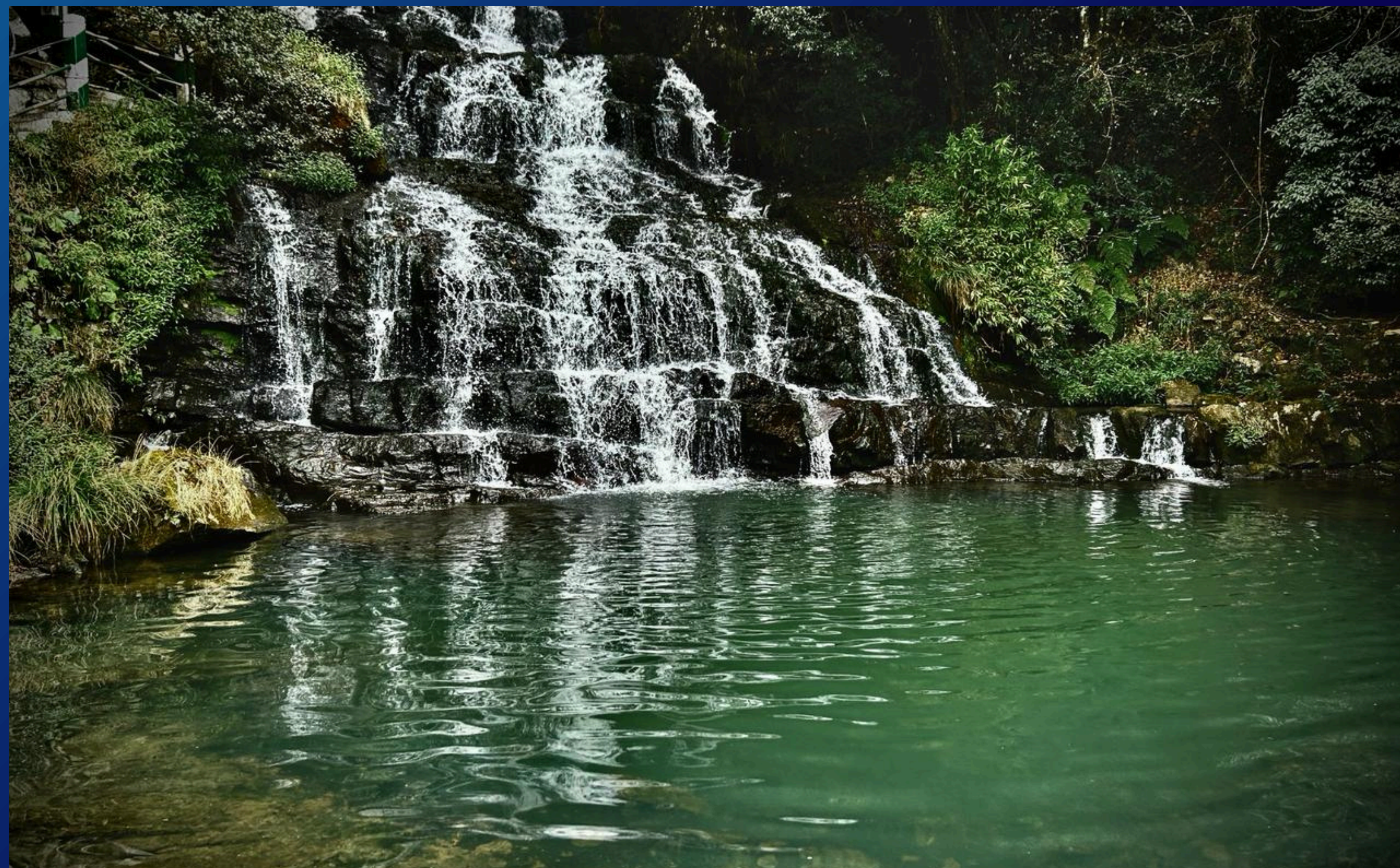
**Monolith of Meghalaya**



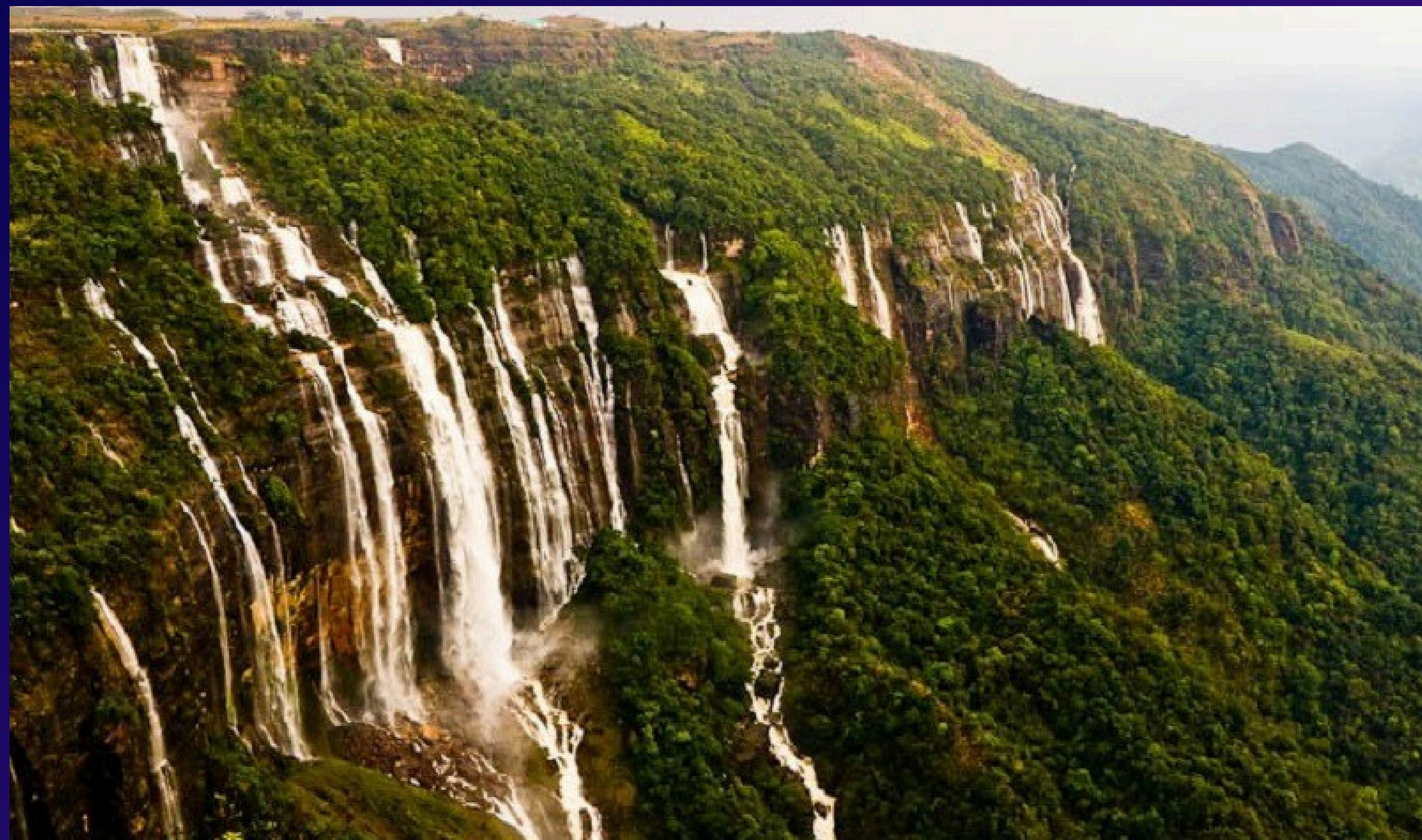
**Umiam Lake**



**Nonjrong, Meghalaya's Hidden Gem**



**Elephant Falls**



**Seven Sisters Falls**



**Krang Shuri Falls**