



North-Eastern Hill University
Department of Mathematics
Shillong, Meghalaya 793022

HANDS-ON WORKSHOP ON

Mastering MATLAB

for advanced research and pedagogical excellence —
five days of computation, modelling, simulation
and visualisation.



1 – 5
December 2026



Venue
Dept. of Mathematics,
NEHU



Two sessions daily
2:00 – 3:30 PM
4:00 – 5:30 PM

LEARN
SIMULATE
ANALYSE
INNOVATE

```
>> plot(x,y)
>> mesh(X,Y,Z)
>> surf(X,Y,Z)
>> xlabel('X')
>> ylabel('Y')
>> title('MATLAB')
```

Ideas
Code
Model
Visualise
Discover

Seven threads, taught end to end



The MATLAB environment
Workspace, scripts and core syntax



Algorithms you write yourself
Control flow, loops and custom functions



Matrix analytics
Linear algebra worked at speed



Numerical computing
Root finding, quadrature and optimisation



Scientific and engineering problems
Modelling, simulation and visualisation



Machine learning workflows
An introduction to the toolboxes



Hands-on practice
Every concept goes straight to the keyboard

MATLAB
TODAY
A BRIGHTER
TOMORROW



Who it is for

- Faculty members
- Research scholars
- Postgraduate students



Dates to note

Apply by **20 October 2026**
Confirmation by **30 October 2026**
Workshop **1–5 December 2026**



Registration fee

Faculty	₹500
Scholars and students	₹200
Certificate on full attendance	



Applications close
20 Oct 2026
Seats are limited

Register on the form — seats are allotted first come, first served.
Scan the code or visit forms.gle/FYdyARvREFEjgaVH9

- 1** Apply by
20 Oct
- 2** Confirmed by
30 Oct
- 3** Pay to hold
your seat
- 4** Attend all
sessions



Convenor
Dr. Angom Tiken Singh

Co-convenor
Dr. Sanghita Dutta

Coordinator
Dr. Rajesh Kumar Sharma

Joint coordinator
Dr. John Paul J. Kharbhih

☎ Dr. John Paul J. Kharbhih +91 98636 07223
☎ Dr. Rajesh Kumar Sharma +91 78320 70809