

# ONE-DAY FACULTY DEVELOPMENT PROGRAM (FDP) WORKSHOP ON 3D PRINTING & 3D SCANNING

Welcome to the One-Day FDP Workshop on 3D Printing & 3D Scanning at National Institute of Technology Meghalaya. Explore the latest in 3D technology through expert sessions, hands-on learning, and meaningful interaction.

## Date & Time:

**08**

**July,**  
2025

Starting At:

**09:00AM**

## Location:

**National Institute of Technology Meghalaya  
Saitsohpen Sohra, East Khasi Hills, Meghalaya, India- 793108**



**For Registration**

**ORGANISED BY :-**

**NECTAR (NORTH EAST CENTRE FOR TECHNOLOGY APPLICATION AND REACH)**

**NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA**

**ADROITEC INFORMATION SYSTEMS PVT. LTD.**

# PROGRAM

|                  |   |
|------------------|---|
| 09:00 – 09:30 AM | <b>Registration &amp; Welcome</b> <ul style="list-style-type: none"><li>• Participant registration &amp; kit distribution</li><li>• Welcome address by the host</li><li>• Inaugural speech by Chief Guest By DG Nectar (Dr. Arun Kumar)</li></ul>   |
| 09:30 – 10:15 AM | <b>Session 1: Introduction to 3D Printing &amp; Scanning</b> <ul style="list-style-type: none"><li>• Evolution &amp; importance</li><li>• 3D printing technologies overview (FDM, SAF, Polyjet, P3, Clay, Metal etc.)</li><li>• 3D scanning types and applications.</li></ul> <b>By Mr. Pradeep Kumar</b> |
| 10:15 – 11:15 AM | <b>Session 2: Hands-On with 3D Scanning</b> <ul style="list-style-type: none"><li>• Live demonstration using a 3D scanner</li><li>• Data acquisition &amp; processing.</li><li>• Exporting for printing</li></ul> <b>Speaker:</b>   |
| 11:15 – 11:30 AM | <b>Tea / Coffee Break</b>   |
| 11:30 – 01:00 PM | <b>Session 3: DED 3D Printing Technology &amp; Its real time application.</b><br><b>By Mr. Vinod Pandey &amp; Mr. Lalit Bajaj (Adroitec)</b>  |
| 01:00 – 02:00 PM | <b>Lunch and Networking</b>   |
| 02:00 – 03:00 PM | <b>Session 4: Journey Of Stratasys.</b> <ul style="list-style-type: none"><li>• Over of Stratasys Product Portfolio</li><li>• Application Of Different SYSS printers.</li><li>• USP of SYSS</li><li>• Applications on Research &amp; Industry.</li></ul> <b>By Mr. Sathish Kumar (SYSS)</b>               |
| 03:00 – 03:45 PM | <b>Session 5: Industry Trends &amp; Research Opportunities</b> <ul style="list-style-type: none"><li>• Advanced materials &amp; techniques</li><li>• Integration with AI/IoT</li><li>• Research ideas &amp; funding schemes</li></ul> <b>By Mr. Vinod Pandey, Director Adroitec.</b>                      |
| 03:45 – 04:00 PM | <b>Tea Break</b>  |
| 04:00 – 04:30 PM | <b>Valedictory Session</b> <ul style="list-style-type: none"><li>• Participant feedback</li><li>• Certificate distribution</li><li>• Vote of thanks</li></ul>   |



**For Registration**