CENTRE OF EXCELLENCE IN PRODUCT DESIGN AND SMART MANUFACTURING

Date: 24-03-2026

OUTREACH SUMMER INTERNSHIP PROGRAMME FOR UG STUDENTS

Internship Programme (IP) for 2nd year and 3rd year UG students is a new initiative started by Centre of Excellence in Product Design and Smart Manufacturing (CEPDSM) from the academic year 2024-'25 to introduce research bent of mind in UG students at an early stage and to promote research activities in the centre. CEPDSM at MANIT-Bhopal was established in the year 2021 to offer a unique platform for collaboration of advanced technologies in the area of product design and smart manufacturing. The objective of the centre is to design and develop products with concern on social, physical, and ecological environments and also to provide opportunities to the students to take real time projects. The centre is offering post graduate programme in 'Smart Manufacturing' and also offers PhD programme for sponsored, self-sponsored, and GATE qualified candidates.

The internship programme motivates UG students

- to participate in the on-going projects of the centre,
- to find technical solutions in the selected areas,
- to model and solve real life problems,
- to publish their work in reputed journals and conferences, and
- to register their innovative work as patents

Call for Internship

B.Tech students (completing their 2nd year and 3rd year) from various technical institutes and universities of India and abroad (other than M.A.N.I.T, Bhopal) are invited to carry out their internship programme in the CEPDSM, MANIT, Bhopal for the summer session starting from 1st June 2026. Limited seats are available.

Fill the google form, https://forms.gle/gZfbiwqjSvEjNRBP6

Upload the hardcopy of the format given in the page no. 4 of this call for internship.

Instructions

1. Internship duration: (i) One month Internship: 1st June to 30th June 2026

   (ii) 1½ month Internship: 1st June to 15th July 2026

2. Tuition Fee:

   (i) One month Internship: Rs. 5000/- (Rupees five thousand only)

   (ii) 1½ month Internship: Rs. 7500/- (Rupees seven thousand and five hundred only)
   (iii) The payment details will be sent once the candidate is selected for the internship.

3. The candidates will be provided hands-on training on Autonomous robots, Cobots, Additive manufacturing systems, Pneumatic and Hydraulic systems, modelling and optimization, Machine Learning/Deep Learning, Digital Twin, Internet of Things, Edge computing, Advanced manufacturing, etc. In addition to this, students may be engaged in either the technical projects of the faculty members or a fresh research problem will be given to them based on their specialization.
4. Eligibility Criteria: 2nd and 3rd Year students pursuing Bachelor's degree from Departments of Mechanical Engineering, Electrical Engineering, Chemical Engineering, Electronics and Communications Engineering, Computer Science Engineering and other related branches of Engineering from reputed technical institutes of India and abroad.
5. As there is no accommodation available within the campus, applicants will have to make their own arrangements for lodging and boarding during their internship duration.
6. There is no provision for any type of leave and students will have to secure 100% attendance for becoming eligible for certificate at the end of the programme.
7. Students will have to submit applications on-line for the programme in a prescribed format. Selection of students is done after screening the applications and possible acceptance by the concerned supervisors. Applicants will have to submit a report in the prescribed format at the end of the programme.

Important Dates:

1. Online submission of applications:

   Start date: 01-04-2026

   Last date of receiving applications: 24-04-2026
2. Announcement of selected candidates: 30-04-2026
3. Reporting date and time : 10:00 AM, 1st June 2026
4. Submission of Report : 30th June (one month programme)

   : 15th July (1½ month programme)

For details about the faculty and their specializations, please visit MANIT website (www.manit.ac.in), locate the centre details and obtain the necessary information.

Students may also contact the faculty of the centre through e-mail as per the details given below by attaching the **duly filled format:**

Sl.No	Name of Faculty Member	Specialization	e-mail id
1	Dr.C.M.Krishna (Mechanical Engg)	Robotics, Product Development, and Optimization	cmk@manit.ac.in

2	Dr.Rajesh Purohit (Mechanical Engg)	AI, Deep learning, Vision language models (VLM), Nano composites, Robotics, Autonomous navigation	rpurohit73@gmail.com
3	Dr.Manish Vishwakarma (Mechanical Engg)	AI in machine and materials condition monitoring	manishvishwa1808@gmail.com
4.	Dr.Sasikumar C (MME)	Surface Engineering Development of new materials and Testing	sasikumarc@manit.ac.in
5.	Dr.Rahul K Chaurasiya (ECE)	Artificial Intelligence (AI), Machine Learning, Deep Learning, GenAI	rkchaurasiya@manit.ac.in
6.	Dr.Sudhanshu Kumar (Mechanical Engg)	Advanced manufacturing, Micro Manufacturing, Modelling and Optimization	sudhanshuk27@gmail.com
7.	Dr.Vijay Bhaskar Semwal (CSE)	Wearable computing, Deep learning, Gen AI, IoT, Robotics, and Edge computing	vsemwal@manit.ac.in
8.	Dr.Vinod Yadav (Mechanical Engg)	Digital Twin manufacturing, AI/ML	vyadav@manit.ac.in
9.	Dr.Suryakant Gautam (ECE)	AI/ML, Deep learning, signal processing, Digital twin etc.	suryakant@manit.ac.in

1. Please fill the below format, scan and upload the same in the google form.
2. Please fill the google form given in the website of MANIT in Centre of Excellence in Product Design and Smart Manufacturing pages.
3. Our E-mail id for communication: ***intern2025manit@gmail.com***

MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY :: BHOPAL

CENTRE OF EXCELLENCE IN PRODUCT DESIGN AND SMART MANUFACTURING

FORMAT FOR APPLYING FOR SUMMER INTERNSHIP

Passport size photo

1. Name in Full _____
2. Course and Year of Study: _____
3. E-mail and Phone (WhatsApp) No. (Mobile):_____
4. Institute Details: _____
5. Do you have Laptop (Yes/No):_____
6. Percentage marks in 10 plus 2: _____
7. CGPA/Percentage in B.Tech till the current semester: _____
8. Programming languages known: _____
9. Courses/workshops attended any: _____
10. Certification courses attended if any: _____
11. Publications if any: _____
12. Specialization of interest in Internship: _____
13. Name of the Supervisor: _____
14. Preferred Internship duration and Start date: _____
15. Any other details of relevance: _____

Signature of HOD/Dean/Head of Institute (with seal) Signature of the Candidate