

CENTRE OF EXCELLENCE IN PRODUCT DESIGN AND SMART MANUFACTURING

Date: 10-05-2024

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 is 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 provides 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 are invited to carry out their internship programme in the CEPDSM, MANIT, Bhopal for the summer session starting from 3rd June 2024.

Instructions

1. Internship duration: 3rd June to 30th June (one month internship)
3rd June to 15th July (one and a half month internship)
2. Mode of Internship: Online
3. No tuition fee is charged for the internship programme. An amount of Rs.2500/- (Rupees two thousand and five hundred) will be paid on recommendation of supervisor(s) for students selected under research projects.
4. The candidates will be engaged in the technical projects of the faculty members or a fresh research problem will be given to them.
5. 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.

6. Hostel accommodation will be provided for selected candidates if the programme is offline. Students will have to bear all the expenses on their own for boarding and lodging in the hostels (reasonable charges on per day basis). There is no provision for stipend for the students.
7. 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.
8. 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.

Tentative Important Dates:

1. Online submission of applications:

Start date: 20-05-2024

Last date of receiving applications: 28-05-2024

2. Announcement of selected candidates :30-05-2024
3. Reporting date and time :10:00 AM, 3rd June 2024
4. Submission of Report :28th June (one month programme)
: 13th July (one and a half 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 contact the faculty of the centre through e-mail as per the details given below by attaching the **duly filled format (page-4)**:

Sl.No	Name of Faculty Member	Specialization	e-mail id
1	Dr.C.M.Krishna	Design and Manufacturing	cmk@manit.ac.in
2	Dr.Rajesh Purohit	Nano Manufacturing, Robotics and Autonomous driving	rpurohit73@gmail.com
3	Dr.Vijayshri Chaurasia	Image Processing and AI	vchaurasia@manit.ac.in
4	Dr.S.Suresh	Sustainable Manufacturing, Nano systems	sureshs@manit.ac.in
5	Dr.Manish Vishwakarma	Mechatronics	manishvishwa1808@gmail.com
6	Dr.Rahul K Chaurasiya	Machine Learning, Optimization	rkchaurasiya@manit.ac.in
7	Dr.Sudhanshu Kumar	Advanced manufacturing, Micro Manufacturing	sudhanshuk27@gmail.com

8	Dr.Vikram Garg	Evolutionary Algorithms, Robot Path Planning, AI and Machine Learning	vikram@manit.ac.in
9	Dr.Vijay Bhaskar Semwal	AI, ML, IoT, Robotics	vsemwal@manit.ac.in
10	Dr.Akash Sinha	Internet of Things, Intelligent Systems	akash.sinha@manit.ac.in
11	Dr.P.K.Soni	Robotics, CNC Technology	pradeepmanit17@gmail.com
12	Dr.MadanDhanora	IPRs, R&D, Patenting	bhu.madan@gmail.com
13	Dr.Vinod Yadav	Metal forming, Laser based Forming, Finite Element Methods, Inverse Analysis	vyadav@manit.ac.in
14	Dr.Suryakant Gautam	Machine Learning, AI	suryakant@manit.ac.in
15	Dr.N.Jayanth	Mechatronics, Additive Manufacturing	jayanth@manit.ac.in
16	Dr.Ashish Das	Additive Manufacturing	ashish.das@manit.ac.in

MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY:: BHOPAL
CENTRE OF EXCELLENCE IN PRODUCT DESIGN AND SMART MANUFACTURING
FORMAT FOR APPLYING FOR SUMMER INTERNSHIP

Photo

1. Name in Full _____
2. Course and Year of Study: _____
3. E-mail and Phone 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. Any certification courses attended if any: _____
11. Co-curricular and Extracurricular activities: _____

(mention only if supporting documents are available): _____

12. Publications if any: _____
13. Specialization of interest in Internship: _____
14. Name of the Supervisor (preference wise): _____
15. Preferred Internship duration and Start date: _____
16. Any other details of relevance: _____

Signature of H.O.D/Dean/Head of Institute (with seal)

Signature of the Candidate