



Online Master of Technology (M.Tech) & Post Graduate Diploma (PGD) in Additive Manufacturing



Duration and Structure

M. Tech. Program (Total 52 Credits)/Post Graduate Diploma (40 Credits): The program is designed for aspiring individuals working on different aspects of manufacturing, materials, processes, etc. and wish to enhance the skills and have a deep understanding of Additive Manufacturing for various engineering applications. The courses are articulated in keeping the latest advancements in additive manufacturing, particularly metals so as to provide an opportunity in choosing subjects in flexible manner.

For the students enrolled in M.Tech program, have to execute a thesis project (12 Credits), having considerable throughput. The candidate will have an option to choose the research project at his work place.

Program highlights

- Mode of Teaching - Online
- No requirement of GATE Score
- Flexible Learning Option
- Experienced Faculty
- Industry-Relevant Curriculum
- VNIT Alumni Benefits
- Earn Degree Without Leaving Your Job

Target Audience

- Students/Industry personnel with **UG Degree** in Engineering, Professionals working in Materials/Mechanical/Metallurgical/Aerospace industries or research institutes can enroll for this course.

Elective Courses

- Wide selection of industry specific elective courses.

Thesis Credits

- The candidate will have the flexibility to select a problem of his/her choice in consultation with faculty.

Course offerings

- Fundamentals of Additive Manufacturing
- Advanced Physical Metallurgy
- CAD/CAM for Additive Manufacturing
- Materials Characterization
- Powder Manufacturing for AM
- Modeling of AM processes
- Lasers and Optics in Manufacturing
- Mechanical Behaviour of Materials
- Bio-Medical Additive Manufacturing
- Industry 4.0 based Additive Manufacturing
- Monitoring Methods in Additive Manufacturing
- Phase Transformations and Solidification
- Machine Learning for AM and Research

Fee Structure

- M. Tech. (52 credits): Total Fee: **Rs. 4,44,520/-**
- P G Diploma (40 credits): Total Fee: **Rs. 3,45,400/-**
(One Time Admission Fee: Rs. 15,000+Rs. 7,000/- per credit +GST 18%)

Important Dates

- Last Date of Applications: September 05, 2023
 - Test/Interview: September 10, 2023
- Classes Start (Tentative): September 18, 2023

Application Process: Please visit our website: <https://vnit.ac.in/admission>

For more details contact:

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