



Hybrid

Post Graduate Diploma in Computer Aided Engineering



Duration and Structure:

Post Graduate Diploma in Computer Aided Engineering (480 hours)

Proposed Maximum Duration: 1 year

Program Highlights:

- Hybrid Delivery
- No GATE Score Required
- Flexible Learning Options
- Experienced Faculty
- Industry-Relevant Curriculum
- Practical Hands-On Experience
- VNIT Certificate
- Placement Support
- Alumni Benefits
- Earn Certificate Without Leaving Your Job
- Frequent Visit to VNIT

Target Audience:

- B.Tech (Mechanical) Completed / M.Tech (Mechanical Engineering) Ongoing
- Bonafide students of VNIT Nagpur are not eligible
- Working professionals

Fee Structure:

Admission fee (one time): **Rs. 15000 + 18% GST**

Course Fee: **+ Rs. 48000 + 18% GST**

Course offerings:

- Introduction to Simcenter 3D, an overview of the software suite, its capabilities and the various modules that are available
- Understanding the Simcenter 3D interface and its customization options
- Geometry Import and Manipulation, geometry file formats, manipulation of geometry using variety of tools for use in simulations
- Meshing techniques available in Simcenter 3D
- Different types of boundary conditions, and how to set them up in Simcenter 3D
- Solvers in Simcenter 3D for structural, fluid and thermal analysis, selection of solvers, configuration of solvers for different simulation scenarios
- Post-processing tools in Simcenter 3D
- Simulation Automation using various automation tools available in Simcenter 3D
- Mini Project

Important Dates:

- Applications Start: 24th July, 2023
- Last Date To Apply: 25th August, 2023
- Test / Interview by: 31st August, 2023
- Classes Start (Tentative): 7th September, 2023

Application process: If you are interested, please fill out the application form by clicking on the following link [[Click Here](#)]. Alternatively, you can also scan the QR code provided.



For more details, please visit our website: [<https://vnit.ac.in/admission>]

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