Social Institute Technology of India

AN ISO 9001:2015 CERTIFIED COMPANY

AN INDUSTRIAL TRAINING INSTITUTE

Internship notice

IMPORTANT ANNOUNCEMENT

Mechanical Engineering Courses In Online Mode

Mechanical Design Engineer (CAD & Drafting)
Description: Focuses on creating 2D/3D models and manufacturing drawings using tools like AutoCAD, SolidWorks, or CATIA. High demand for plastic component design, snap-fits, and mounting brackets.

Simulation Engineer (FEA/CFD Analysis)
Description: Involves virtual testing to predict product failure. Engineers use ANSYS or COMSOL to analyze structural strength, stress, and thermal behavior before manufacturing.

Electric Vehicle (EV) Component Designer
Description: R&D for EV parts, including battery packs, thermal management systems, and ground support equipment. Interns focus on CAD modeling for EV integration.

Robotics & Mechatronics Engineer
Description: Integrates mechanical design with electrical control systems and IoT, often in collaborative robotics (cobots). Focuses on automation projects and smart factories.

Additive Manufacturing (3D Printing) Engineer
Description: Focuses on designing products optimized for 3D printing (STL/STEP files), including rapid prototyping and material testing.

HVAC & MEP Design Engineer
Description: Designs heating, ventilation, and air conditioning systems. Uses Autodesk Revit for Building Information Modeling (BIM) in industrial or commercial projects.

Manufacturing Design/Process Engineer (DFM)
Description: Translates designs into production instructions for CNC machining, sheet metal, and casting, ensuring feasibility (DFM - Design for Manufacturing).

Solar Energy Design Engineer
Description: Uses online solar design software (e.g., HelioScope, PVsyst) and AutoCAD to create 2D layouts and 3D models of rooftop solar structures.

Industrial Data Analyst (Digital Twins)
Description: Develops 1D simulation models (MATLAB/Simulink) and digital twins to predict maintenance needs and monitor machine performance.

Product Designer (Consumer Electronics)
Description: Designs product enclosures and structural supports for electronics, focusing on GD&T (Geometric Dimensioning and Tolerancing) and plastics.

All the courses that you have, you will get 1500 hunderd in duration 4 weeks and 6 weeks are completed.

Register: https://sititpo.com

CERTIFIED ISO 9001:2015 COMPANY

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MSME MICRO, SMALL & MEDIUM ENTERPRISES

UDYAM-BR-26-0161474

MECHANIC

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