

Mechanical Engineer

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Mechanical engineers use force, energy, and motion for the benefit of people. They figure out ways to use things like wind, sunlight, and water power to people's advantage.

Eligibility : Graduate degree (B.E / B.Tech) or postgraduate degree (M.E) or at least a diploma in mechanical Engineering. Job: They work on power-producing machines such as electric generators, internal combustion engines, and steam and gas turbines. They also develop power-using machines such as refrigeration and air-conditioning equipment, machine tools, material handling systems, elevators and escalators, industrial production equipment, and robots used in manufacturing. Mechanical engineers also design tools that other engineers need for their work.

The field of nanotechnology, which involves the creation of high-performance materials and components by integrating atoms and molecules, is introducing entirely new principles to the design process. Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM) are used for design data processing and for turning the design into a product.

specialization: Energy systems, applied mechanics, automotive design, manufacturing, materials, plant engineering and maintenance, pressure vessels and piping, refrigeration and air-conditioning systems.

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