

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Caterpillar India Private Limited

**Website:** <https://www.caterpillar.com/>

**Company Type:** Core (Technical)

**Description:** For nearly 90 years, Caterpillar Inc. has been making sustainable progress possible and driving positive change on every continent. Customers turn to Caterpillar to help them develop infrastructure, energy and natural resource assets. Caterpillar is the world's leading manufacturer of construction and mining equipment, diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives. A lasting legacy of talented and committed employees give Caterpillar its competitive edge. It is our team that has allowed this company to accomplish great things. From the construction of the Hoover Dam, to facilitating communication for the Apollo moon-landing mission, to earthquake relief in Indonesia, our employees have never failed to give customers enduring results through superior service and innovation.

## Job Details

**Designation:** Associate Engineer - ME\_Core P

**Type:** Core (Technical)

**Place of Posting:** Chennai, Bangalore

**Job Details:**

### Description

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### JD3 - Mechanical Design

As an Associate Engineer, you will have the opportunity to learn from and contribute in a collaborative team environment in the area of design of new global products and processes. In this entry-level engineering position, you will build your technical expertise while learning product development through practical application and staying abreast of innovative technology. You will also build your professional network, engage with peers and receive guidance from mentors in the field.

### Responsibilities:

In this role, you will also deepen your knowledge base of Caterpillar's products, technologies, processes, services and systems, which you will use to:

- Design & Development of Core engine components, heavy & Light Fabrication,

- Cooling system components, Driveline components, Genset accessories
  - Validation - FEA Analysis, Test Data Analysis, Validation test planning
  - Communicate results to customers, suppliers, team members, and other business units
  - Contribute to the design of new products and processes
  - Perform product and process maintenance
- Requirements:
- Strong in Mechanical Engineering basics in the area of Applied Mechanics, Machine Design, FEA, Mechanical Vibration
  - Tools: Pro/E Creo, ANSYS, ABQUS, HyperMesh, SolidWorks.
  - Good understanding of IC Engine fundamentals and working principle.
  - Fatigue and Vibration concepts related to various Engine / Machine components and systems
  - Basic knowledge of any Dynamic / Vibration Simulation software.
  - Demonstrated excellent judgement and decision-making ability, demonstrated ability to independently solve problems
  - Ability to communicate technical information effectively with team members and others in the work groups
- Desirable:
- Working knowledge of MATLAB, Advance MS Excel with programming

**Joining By:** 1 June 2022

## Salary Details

<b>CTC:</b>	1,164,277 INR Per Annum
<b>Gross:</b>	983,076 INR Per Annum
<b>CTC Breakup:</b>	Fixed - 10,52,737 Variable - 1,11,540 Total CTC - 11,64,277
<b>Perks / Bonus:</b>	Group hospitalization (self & dependents) - 5,00,000 Group personal accident coverage (self) - 27,62,748 Term Life Insurance coverage (self) - 27,62,748
<b>Bond:</b>	Yes

## Selection Process

<b>Resume Shortlist:</b>	Yes
<b>Written Test:</b>	No
<b>Online Test:</b>	Yes
<b>Group Discussion:</b>	Yes
<b>Medical Test:</b>	No
<b>Personal Interview:</b>	Yes
<b>No. of Rounds:</b>	1

No. of 2  
Offers:

Minimum CGPA: 6.5 and Above with no current arrears

## Eligibility

Recruiting PHDs: Yes

**Eligible Departments:** M.Tech in Communications Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Industrial Engineering, M.Tech in Integrated Electronics & Circuits, M.Tech in Mechanical Design, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Thermal Engineering, M.S.(R) in Mechanical Engineering, M.S.(R) in Electrical Engineering