

Proforma

Companies open to your department

Company : Caterpillar India Private Limited  
Company Name : Caterpillar India Private Limited  
Nature Of Business : Core/Engineering/ Manufacturing  
Designation : Associate Engineer - Electrical Design  
Tentative Job Location : Bangalore

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:

Description :

- Design and Development of Power Electronics, Generator, Wiring harness, Alternate energy systems and AC motor drives, and Controls
- Validation test planning and test data analysis
- Evaluate new products, processes, or systems
- 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:

- Good background in power electronics
- Understanding of power systems, Alternate energy systems ,AC motor drives and generators.
- Understanding of motor and inverter controls, distribution systems, microgrids and 50/60hz grid code
- Excellent Verbal and Written Communication Skills
- Ability to work in teams as well as independently

Eligibilty :

Department	BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
BSBE	N	-	N	N	N	N	N	-	-	N	-	N
CE	N	-	N	N	N	N	N	-	-	N	-	N
CHE	N	-	N	N	N	N	N	-	-	N	-	N
CSE	N	-	N	N	N	N	N	-	-	N	-	N
EE	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
ES	-	N	N	-	N	-	N	-	-	N	-	-
ME	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
MSE	N	-	N	N	N	N	N	-	-	N	-	N
PHY	-	N	-	N	N	N	N	-	-	N	N	-
CHM	-	N	-	N	N	N	N	-	-	N	N	-
MTH	-	N	-	N	N	N	N	-	-	N	N	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	N	-	-	N	N	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	N	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	N	-	-	N	-	-	-	N	-	N
Stats	-	-	-	-	-	-	-	-	-	N	N	-

Cost to Company : INR 11,64,282 p.a.  
Package Details : Fixed payments - INR 10,52,739 p.a.

Bond : True

Bond Details : 2 years; delinking with bond - 2 lakhs

Medical Requirements Will be shared with selected students

Resume Shortlist : True

Resume Shortlist Criteria: GPA and Projects

Aptitude Test: True

Aptitude Test Duration: 35 minutes

Group Discussion: True

Group Discussion Duration: 30 mins

Group Discussion Strengtd:

Technical Test: True

Technical Test Duration: 60 minutes

Technical Interview: True

Technical Interview Duration: 30 minutes

Number of Techincal Interview Rounds: 2

HR Interview: False

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