# Job Notification Form, IIT Delhi

## Company Overview

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| **Name:** | TVS Motor Company Ltd |
| **Website:** | https://www.tvsmotor.com/en/About-Us/Overview |
| **Company Type:** | Other (Automotive) |
| **Description:** | TVS Motor Company is the third largest 2-wheeler company in India with a revenue of over ?18,217 crore (over US$2.9 billion). It has an annual sale of more than 3 million units and an annual capacity of over 4.95 million vehicles. TVS Motor is also the 2nd largest exporter in India with exports to over 60 Countries. A member of the TVS Group, it is the largest company of the group in terms of size and turnover. |

## Job Details

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| **Designation:** | Design Engineer (Embedded Systems) |
| **Type:** | Core (Technical) |
| **Place of Posting:** | Hosur |
| **Job Details:** | Position Title: Design Engineer (Embedded Systems)<br>Department: New Product Development (NPD)<br>Designation: Post Graduate Engineer Trainee (PGET)<br>Work Location: TVS Motor Company Ltd - Hosur Plant, Tamil Nadu<br>Compensation: INR 1200000 LPA<br><br>Role Description:<br>Should be flexible to work for either 2W or 3W departments:<br>• Design, analyze and develop embedded systems for 2W/ 3W applications<br>• Design and develop technology concepts in embedded systems for 2W/3W<br><br>For 2W:<br>• Design embedded system architecture, hardware and software for 2W applications<br>• Analyze embedded systems used in 2W applications<br>• Develop control algorithms for intelligent control of 2W subsystems<br>• Identify technology concepts in embedded systems for 2W applications<br>• Design and develop technology concepts in embedded systems<br>• Develop test facilities for embedded systems evaluation<br>• Develop design guidelines and testing standards for embedded systems of 2W<br>• Protect Intellectual Property through patent filing and journal publications<br>For 3W:<br>• Study and Analyze product technology requirements and Evolve Concepts<br>• Prepare Product Definitions and System Requirement Specifications<br>• Prepare Models / simulations / Design calculations / prototypes of concepts<br>• Develop, verify and Demonstrate new technologies and features<br>• Designing Hardware and Software on embedded system as per V Model<br>• Prepare System/Part level DFMEA and Product and Part drawings<br>• Prepare / Update design guidelines / Manuals / Templates / Standards<br>• Evolve Test Standards, Test methods and Test facilities as needed |

Skillsets: Microcontroller/Microprocessor/FPGA, Embedded C, MATLAB/SIMULINK, PYTHON, PSPICE, VHDL, VLSI, AUTOSAR, ASPICE, Functional Safety, CyberSecurity

**Joining By:** 1 July 2022

# Salary Details

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| **CTC:** | 1,200,000 INR Per Annum |
| **Gross:** | 90,000 INR Per Annum |
| **CTC Breakup:** | No performance linked variables |
| **Perks / Bonus:** | Nil |

# Selection Process

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| **Resume Shortlist:** | Yes |
| **Written Test:** | Yes |
| **Online Test:** | Yes |
| **Group Discussion:** | No |
| **Medical Test:** | Yes |
| **Personal Interview:** | Yes |
| **No. of Rounds:** | 3 |
| **No. of Offers:** | 2 |
| **Minimum CGPA:** | 6 |

# Eligibility

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| **Recruiting PHDs:** | No |
| **Eligible Departments:** | M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering |

Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S. (R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology