

Proforma

Companies open to your department

Company :	TVS Motor Company Ltd.
Company Name :	TVS Motor Company Ltd.
Nature Of Business :	
Designation :	Design Engineer - CFD
Tentative Job Location :	Hosur
Description :	Attribute engineer for thermal management of electro-mechanical devices, such as, electrical motors, power electronics and power storage devices to support new product development in future mobility areas. Major requirements are listed below.
	â€¢ Numerical modeling of various system, sub-system, and components of an electrical two and three wheeler using one/three dimensional CFD and FEA tools. This also involves basic design calculations.
	â€¢ Assessing the thermal performance of a two & three-wheeler powertrain using experimental methods on test bench. And validation of CFD models to improve its fidelity.
	â€¢ Basic understanding and working principles of the electric vehicle powertrain systems, battery chemistry, battery pack design, electrical machine and power electronics. Good understanding of fundamentals of electrical engineering.
	â€¢ Interaction with design and development teams to understand the design, get the required information to build the model and understand electrical system, followed by feedback on the design, suggestions to improve the design keeping in mind various cost, manufacturing constrains in mind.
	â€¢ The candidate should be flexible, has ability to communicate well and work proactively with the team.
	â€¢ Hands on experience with CFD software such as StarCCM+, JMAG/SPEED, Fluent, Maxwell or a similar tool will be preferred.
Eligibility :	Department BT BS MT DoubleMajor dual dualB dualC Mdes MBA Phd MSc MSR
	AE N - Y N Y Y Y - - N - Y
	BSBE N - Y N Y Y Y - - N - Y
	CE N - Y N Y Y Y - - N - Y
	CHE N - Y N Y Y Y - - N - Y
	CSE N - Y N Y Y Y - - N - Y
	EE N - Y N Y Y Y - - N - Y
	ES - N Y - Y - Y - - N - -
	ME N - Y N Y Y Y - - N - Y
	MSE N - Y N Y Y Y - - N - Y
	PHY - N - N Y Y Y - - N Y -
	CHM - N - N Y Y Y - - N Y -
	MTH - N - N Y Y Y - - N Y -
	ECO - N - N Y Y Y - - N - -
	DES - - - - - - Y N - N - -
	IME - - Y - - Y Y - N N - -
	CGS - - - - - - - - N - Y
	HSS - - - - - - - - N - -
	EEM - - Y - - Y - - - N - -
	MSP - - Y - - - - - N - -
	NET - - Y - - Y - - N - -
	PSE - - Y - - Y - - N - Y
	Stats - - - - - - - - N Y -
Cost to Company :	9 LPA
Package Details :	9 LPA
Bond :	False

Medical
Requirements
:

Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	False
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	90min
Technical Interview:	True
Technical Interview Duration:	45min
Number of Techincal Interview Rounds:	2
HR Interview:	True
HR Interview Duration:	30min
