

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.

- 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.**
- 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.**
- 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.**
- 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.**
- The candidate should be flexible, has ability to communicate well and work proactively with the team.**
- Hands on experience with CFD software such as StarCCM+, JMAG/SPEED, Fluent, Maxwell or a similar tool will be preferred.**

Program	AE	BS	BE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
BT	No	No		No	No	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
BS	--	--		--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
MT	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	Yes	--	--	Yes	Yes	Yes	Yes	--
DoubleMajor	No	No		No	No	No	No	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dual	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--
dualB	Yes	Yes		Yes	Yes	Yes	Yes	--	Yes	Yes	Yes	Yes	Yes	Yes	--	Yes	--	--	Yes	--	Yes	Yes	--
dualC	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--
Mdes	--	--		--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
MBA	--	--		--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
Phd	No	No		No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSc	--	--		--	--	--	--	--	--	--	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	Yes
MSR	Yes	Yes		Yes	Yes	Yes	Yes	--	Yes	Yes	--	--	--	--	--	--	Yes	--	--	--	--	Yes	--

Cost to Company : 9 LPA
Package Details : 9 LPA
Bond : False
CPI CutOff : 0.0
Medical Requirments :
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

**Additional
Information:**

Minimum 60% thru out their academics (from - till date) No standing arrears (till date)