

Company :
Company Name :
Nature Of Business :
Designation :
Tentative Job Location :
Hosur

TVS Motor Company Ltd.
TVS Motor Company Ltd.

Design Engineer – Electrochemical (Battery)

Job Description

1. Cell testing and characterization at different C rates and ambient temperatures.
2. Electrochemical modeling coupled with heat transfer of the cell followed by the battery pack.
3. Thermal management of battery pack by active and passive cooling.
4. Thermal runaway study and design prevention mechanism for the battery pack.
- Description : 5. Devise test methods to operate the cell/pack under optimum conditions to meet the required life cycles on the vehicle.
6. Root cause analysis study of cell failures.
7. Battery pack data analysis and extrapolation of life cycles for various vehicle run conditions .
8. Identify the internal and external losses in the battery pack affecting the pack efficiency and devise methods to reduce it.

	Program	AE	BSBE	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	--	--	--	--	--	--	--	--	--
Eligibility :	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 :
Package Details :
Bond :
CPI CutOff :
Medical Requirments :
Resume Shortlist :
Resume Shortlist Criteria:
Aptitude Test:
Group Discussion:
Technical Test:
Technical Test Duration:
Technical Interview:
Technical Interview Duration:
Number of Techincal Interview Rounds:
HR Interview:
HR

9 LPA
9 LPA
False
0.0

True
N/A
False
False
True
90min
True
45min
2
True

Interview

Duration:

30min

Additional

Information:

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