

Proforma

Companies open to your department

Company : TVS Motor Company Ltd.
Company Name : TVS Motor Company Ltd.
Nature Of Business :
Designation : Design Engineer “ Electrochemical (Battery)
Tentative Job Location : Hosur

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.

Department		BT	BS	MT	Double	Major	dual	dual	B	dual	C	Mdes	MBA	Phd	MSc	MSR
Eligibility :	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
