

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

Agnikul Cosmos
Agnikul Cosmos
Manufacturing
Launch Vehicle Turbomachinery Engineer
Chennai

Launch Vehicle Turbomachinery Engineer Eligibility We strongly prefer working with individuals who are passionate about aerospace and are willing to work with us for the long term. RESPONSIBILITIES

- Develop simulation models for liquid propulsion system simulations for all aspects of rocket engine combustion
- Develop computational analysis techniques to analyze complex multiphase flow within a turbo pump feeding a rocket engine.
- Verify engine performance simulations with experimental cold flow data results
- Design simulation techniques and step-wise detailed procedures to analyze complicated fluid solid interactions within a rocket engine

Description :

- Lead reviews on matching experimental data with simulation data and present reasoning for diversions
- Analyze the effects of engine clustering through detailed computational analysis across various altitudes and vehicle configurations
- Determine experimental validation of high altitude engines with CFD without the use of experimental facilities to prove the same.

ADDITIONAL REQUIREMENTS • Must be available to work extended hours and weekends as needed.

Location: Chennai, India

Employment Type: Full Time

	Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats	
Eligibilty :	BT	Yes	Yes	Yes	Yes	Yes	Yes	--	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	
	BS	--	--	--	--	--	--	Yes	--	--	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	
	MT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	Yes	--	--	Yes	Yes	Yes	Yes	--	
	DoubleMajor	Yes	Yes	Yes	Yes	Yes	Yes	--	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	
	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 :	B.Tech - 15 LPA																							
	M.Tech - 10 LPA																							
	Salary breakup for B.Tech																							

Salary Components (Break-up)				
Particulars	No.	Monthly	Yearly	Remarks
Basic Salary	a	45000	540000	
Dearness Allowance	b	5000	60000	
HRA (House Rent Allowance)	c	25000	300000	
Other Allowance	d	25000	300000	
Special Allowance	e	25000	300000	
LTA (Leave Travel Allowance)	f	Nil	Nil	
Gross Salary (a+b+c+d+e+f)	g	1,25,000	15,00,000	Cost to Company
Statutory Compliance		-		
Provident Fund (P.F.)	h	1800	21600	Subject to Maximum of Rs. 15,000 (Basic + DA)
Employee State Insurance (E.S.I.)	i	Nil	Nil	
Professional Tax	j	209	2508	
Group Medical and Personal	k	406	4872	

Package
Details :

Accident Insurance T&C*				
TDS (Tax Deducted at Source)	l	13023	156276	
Total Deduction (h+i+j+k+l)	m	15,438	1,85,256	Deduction for PF, ESI, Income and Professional Taxes
Variable Components		-		
Esops (Share, Stock etc.)	n	Nil	Nil	Nil
PLI (Performance Link Incentive)	o	25000	300000	It is purely linked to the performance which will be paid as per the company policy (ONCE A YEAR PAYMENT ONLY)
Bonus (Joining bonus etc.)	p	Nil	Nil	Paid as per the company policy
Total Variable Components (n+o+p)	q	25,000	3,00,000	
Net Salary - (g-m-q)	r	84,562	10,14,744	

Salary Breakup for M.Tech

Salary Components (Break-up)				
Particulars	No.	Monthly	Yearly	Remarks
Basic Salary	a	26250	315000	
Dearness Allowance	b	2917	35004	
HRA (House Rent Allowance)	c	14583	174996	
Other Allowance	d	14583	174996	
Special Allowance	e	25000	300000	
LTA (Leave Travel Allowance)	f	Nil	Nil	
Gross Salary (a+b+c+d+e+f)	g	83333	9,99,996	Cost to Company
Statutory Compliance		-		
Provident Fund (P.F.)	h	1800	21600	Subject to Maximum of Rs. 15,000 (Basic + DA)
Employee State Insurance (E.S.I.)	i	Nil	Nil	
Professional Tax	j	209	2508	
Group Medical and Personal Accident Insurance T&C*	k	406	4872	
TDS (Tax Deducted at Source)	l	3265	39180	
Total				Deduction for PF, ESI,

Deduction (h+i+j+k+l)	m	5,680	68,160	Income and Professional Taxes
Variable Components		-		
Esops (Share, Stock etc.)	n	Nil	Nil	Nil
PLI (Performance Link Incentive)	o		300000	It is purely linked to the performance which will be paid as per the company policy (ONCE A YEAR PAYMENT ONLY)
Bonus (Joining bonus etc.)	p	Nil	Nil	Paid as per the company policy
Total Variable Components (n+o+p)	q		3,00,000	
Net Salary - (g-m-q)	r	52,653	6,31,836	

Bond :	False
CPI CutOff :	0.0
Medical Requirments :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	True
Aptitude Test Duration:	2 hrs
Group Discussion:	True
Group Discussion Duration:	2 hrs
Group Discussion Strength:	N/A
Technical Test:	True
Technical Test Duration:	2 hrs
Technical Interview:	True
Technical Interview Duration:	2 hrs
Number of Techincal Interview Rounds:	2
HR Interview:	True
HR Interview Duration:	2 hrs
Additional Information:	