Proforma

Companies open to your department

Company :	Agnikul Cosmos
Company Name :	Agnikul Cosmos
Nature Of Business :	Manufacturing
Designation :	Vehicle Dynamics Engineer
Tentative Job Location :	Chennai

Description :

Vehicle Dynamics Engineer Eligibility We strongly prefer working with individuals who are passionate about aerospace and are willing to work with us for the long term. WHAT IT TAKES â€¢ If you know why water tanker lorries in India have their tops open - this is for you. (Even better if you have tried to model slosh dynamics of a water tanker lorry). â€¢ If you can mathematically predict the instantaneous position and velocity of how your life will evolve - this is for you. â€¢ If you like designing autopilots - this is definitely for you. RESPONSIBILITIES â€¢ Design, analyze and build flight dynamics models for launch vehicles. â€¢ Design high fidelity simulations of hypersonic flight systems, deriving from experience in flight dynamics, navigation, guidance, and control. BASIC QUALIFICATIONS â€¢ Bachelors / Master's degree in controls engineering, aerospace or mechanical engineering or any degree that enhanced your ability to model systems mathematically. â€¢ 2-3 years of experience in mathematically modeling system dynamics. â€¢ A fascination to bring space closer to everyone on earth. PREFERRED SKILLS AND EXPERIENCE â€¢ Master's degree in aeronautical/astronautical, aerospace or mechanical engineering. â€¢ Understanding of software-in-the-loop and hardware-in-the-loop development. â€¢ Design and analyze control approaches for complex vehicle systems, leveraging modern synthesis and analysis methods. â€¢ Be able to understand vehicle plant dynamics and select appropriate control methods. â€¢ Research and create launch vehicle guidance algorithm. â€¢ Understanding of system dynamics, trajectory optimization to develop algorithms suitable for simulation and onboard use. ADDITIONAL REQUIREMENTS â€¢ Must be available to work extended hours and weekends as needed. What you could take away?
â€¢ Your work will directly impact the company's (and the rocket's) trajectory. â€¢ You will learn rocket science from some of the most senior and respected minds in ISRO. â€¢ You will work on shaping space policy in India. â€¢ You will dirty your hands in a global supply/chain optimization problem.
Location: Chennai, India
Employment Type: Full Time

Eligibilty :

Department	BT	BS	MT	Double	Major	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
BSBE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
CE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
CHE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
CSE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
EE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
ES	-	Y	Y	-		Y	-	Y	-	-	N	-	-
ME	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
MSE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
PHY	-	Y	-	Y		Y	Y	Y	-	-	N	Y	-
CHM	-	Y	-	Y		Y	Y	Y	-	-	N	Y	-
MTH	-	Y	-	Y		Y	Y	Y	-	-	N	Y	-
ECO	-	Y	-	Y		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 :	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 Accident Insurance T&C*	k	406	4872	
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 -Â (g-m-q)	**r**	**84,562**	**10,14,744**	

Package Details :

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 (h+i+j+k+l)	**m**	**5,680**	**68,160**	Deduction for PF, ESI, 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 - Â (g-m-q)	**r**	**52,653**	**6,31,836**	

Bond :	False
Medical Requirements :	
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 Strengtd:	
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