

AEROENGINEERS



ENGINEERING RESEARCH & SKILL DEVELOPMENT ORGANIZATION

Internship on Space Mars Rover

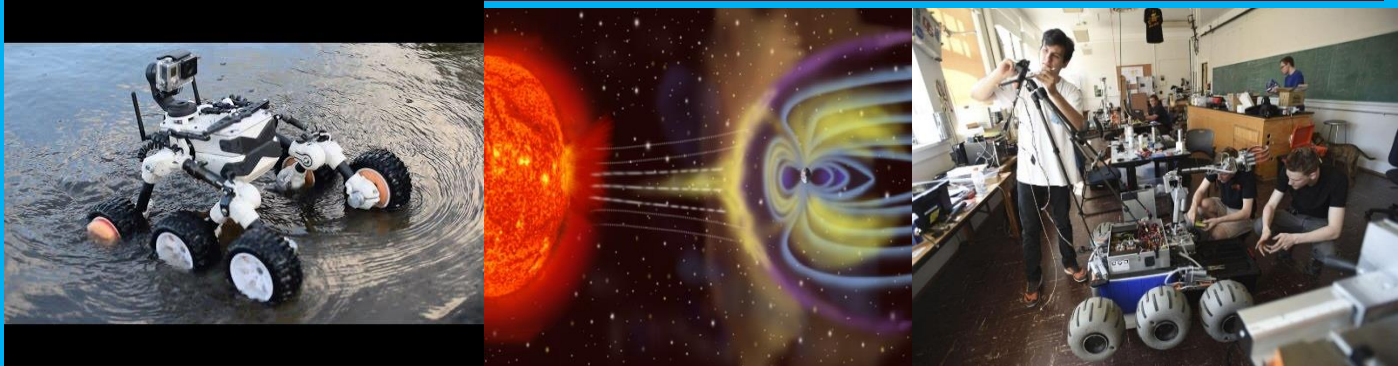
PRACTICAL MAKING OF SPACE MARS ROVER KIT AND TESTING ON VIRTUAL SPACE ATMOSPHERE

Date: 25th, 26th & 27th January -2019

World of Space – Forces Controlling Planets in Universe – Evaluation of Planets & Atmosphere



Space Rover Systems – Making of Rover Practical Model – Design-Fabrication – Sensors – Antenna – Communication – Camera Picture Visualization – Virtual Space Testing-Mars Atmosphere-Transmitter



Radio controlled Rover -Flight Path Testing – 6Tyres Landing System - Experimental Research Report Evaluation- Research Panel – Discussion on International NASA 2019 Rover Competition



INDIVIDUAL SPACE ROVER MAKING BY TEAM OF 5 STUDENTS

Eligible Participants –(Engineering students /Faculty Members)

What I will get from this Internship ?

To learn & develop.....

- ✓ Practical Touch & Feel Working Experience on Rover Mechanism
- ✓ Hi-tech – Technical Up gradation of Space science and Robotics of Rover
- ✓ Practical Making of Your Dream Space Rover
- ✓ Internship Workshop Certificate will be given with Scientist Validation
- ✓ Workshop will add Priority Advantage during MNC Placements
- ✓ Live Interaction with Aerospace Engineers

Day	Proposed Expert (AEROENGINEERS)	Session
1	Resource Experts (NaTech,Bangalore)	Inauguration (Space Orbits-Applications in Space Craft)
	Er.Nijanathan ,Team Lead AEROENGINEERS	Space Mechanics – Space Vehicle Design
	Er.Karthick M.E Senior Engineer ,Aeroengineers	Space Rover Fabrication Part -1
2	Resource Experts (NaTech,Bangalore)	Space Vehicle Electric Control and Propulsion
	Er.Chakravarthy MS Structural Engineer,Aeroengineers	Space Robotics – Fabrication part 2
	Er.Aravind MS Control System Engineer,Aeroengineers	Electrical and electronics control of Space Rover – Practical Assembly
3	Er.Nijanathan ,Team Lead AEROENGINEERS	Virtual Lab Science – Testing Methods- Scientific Report Evaluation
	Er.Karthick ME (Aero) Rover Electronics Engineer Aeroengineers	Testing of Seniors and Navigation
	Er.Madhan ME(Aero) Rover Robotics Engineer Aeroengineers	Individual Testing of Rover in Virtual Space environment (Robotics Mechanism)
Vote of Thanks		

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