



ASTROPATHSHALA

— Where Dreams LAB Take Flight —



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TELESCOPES & OPTICS:



TELESCOPES



GSO 8 inch

GSO 8 inch Dobsonian Reflector Telescope with 3 eyepieces and 01 Solar filter



Bresser Messier

Bresser Messier AR-150L/1200 with tripod



GSO 12 inch

GSO 12 inch Dobsonian Reflector Telescope with 3 eyepieces and 01 Solar filter



Refractor Telescope

75 mm Refractor Telescope (In-house Design)



OPTICS



Multipurpose optical Instrument

To study optics of lens.



Multiple reflection device

To study reflection property of mirrors



Periscope

use angled mirrors to bend light, allowing you to see around obstacles.



Kaleidoscope

creates mesmerizing patterns through multiple reflections of light between angled mirrors.



MODELS AND ACCESSORIES

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ROCKETRY:

GSLV MK-3 Model

Geosynchronous Satellite Launch Vehicle- Model of Most powerful rocket by ISRO



PSLV Model

Polar Satellite launch vehicle - Model of a rocket designed by ISRO.



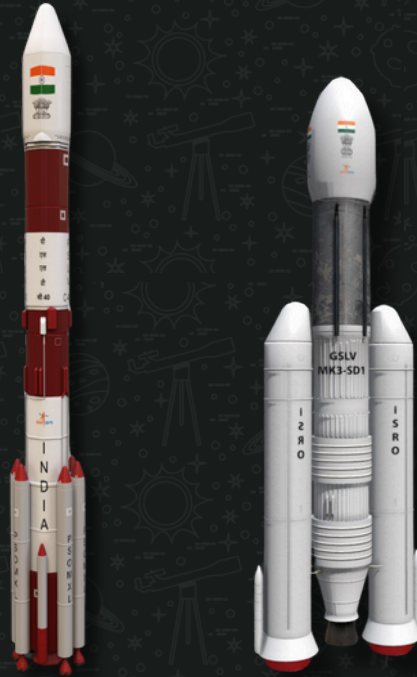
Single stage hydro-rocket

Single stage design of working Hydro-Rocket.



Reusable Hydro-rocket

Working Hydro-Rocket equipped with parachute



SPACE TECHNOLOGY & ROBOTICS:

Rover working model

A working replica of Pragyaan Rover



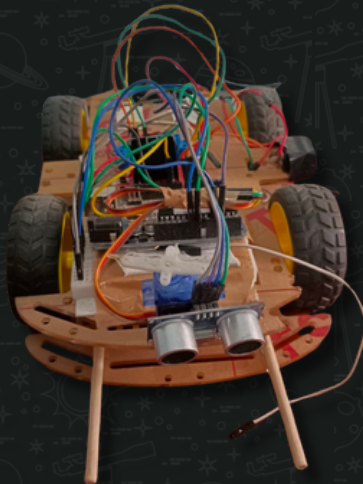
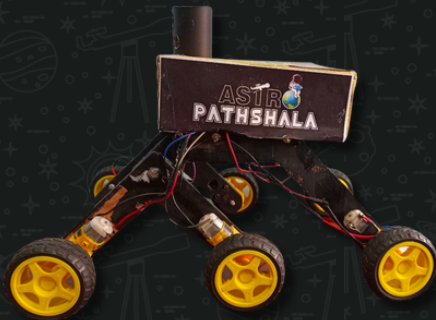
Satellite model

A working model of weather forecast satellite



Electronics

Breadboard, Jumper wires, Dc Motors, Wheel, ESP-32, Motor Drivers, Buck Converter, Batteries, Servo Motors, Soldering iron kit, Electric wire, Tool kit for electronics



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MODELS AND ACCESSORIES FOR ASTRONOMY:

ASTRONOMICAL MODELS



Solar System Models

Geo-Centric and Helio-Centric Model



Moon and Earth Models

Earth day night model, Moon phase model



Newtonian Wheels

Newtonian Wheel - To Study light



Globes

Celestial Globe, Earth Globe



Charts

Moon Chart, Celestial chart, Constellation Board, Zodiac Wheel, Moon wheel Calendar



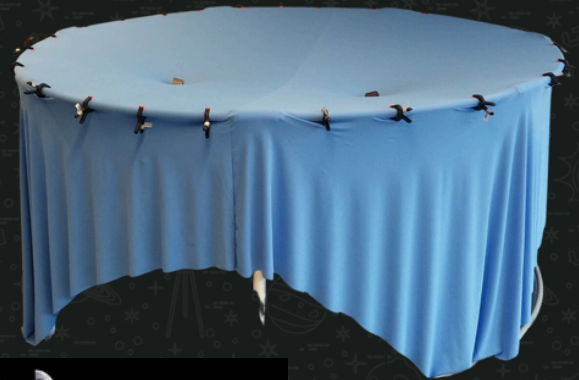
Lasers

Astronomical Laser (Red)
Astronomical Laser (green)



Space Time Demonstration

Space Time Demonstration (In-house Design)



EDUCATIONAL DISPLAYS AND VISUAL AIDS:

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Infographics

Infographics on the inside and outside wall (Sun board with vinyl) designed and concept by In-House team



Space themed Graffiti

Space themed Graffiti art on room ceiling & wall by In-House team.



hanging Model

Solar System hanging Model (In-House Design)

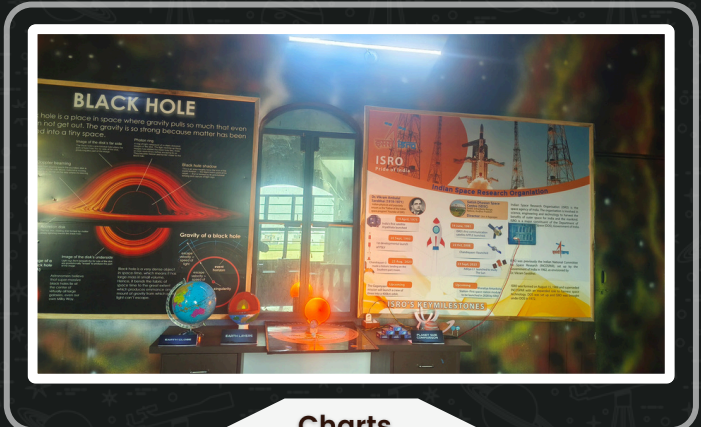


Astronaut cutout

Astronaut cutout (In-House Design)



Infographics



Charts



Space Graffiti



Solar System Hanging Models

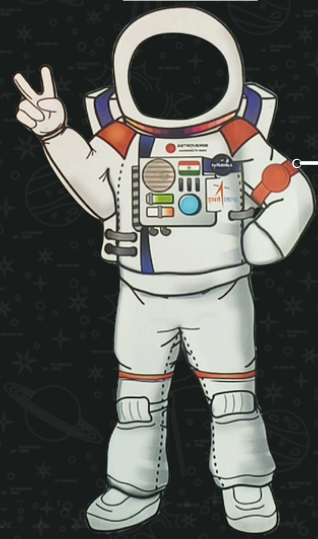


Photo cutout



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GALLERY



Comet Making



Practical Learning



Demonstrations



Audio-Visual Learning



Fun Activities



Telescope Making



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GALLERY



Captivating
Labs



Interactive
Learning



Powerpack
Presentation



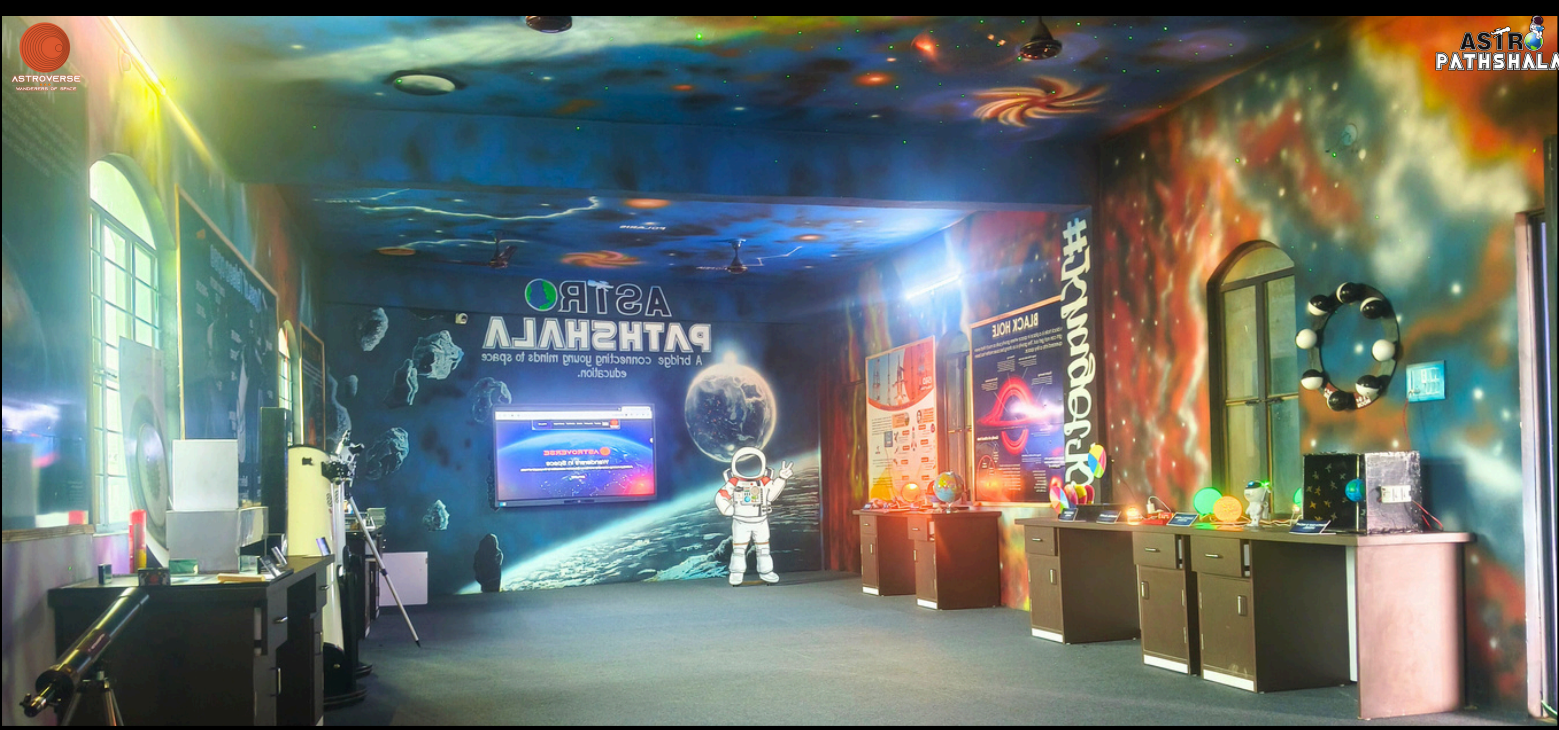
Hands-on-
learning



Telescopes



Telescope
Pointing





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