

# COURSE BOOKLET 2018



**Techex  
Engineers  
Innovation  
Lab**

**Powered By**

**Space  
Development  
Nexus**

## Introduction

Our innovation Lab is a fully integrated mode of imparting valuable academic and vocational knowledge in the field of science, computer programs, technology, research and engineering to the students. We offer technological project opportunities for technopreneurs and researchers to inquire, collaborate, create, tackle new problems and calibrate their solutions to develop a wide variety of valuable projects.

## Course Structure

S.no	Project Name	Category	Duration(3hrs/day)
1	Quad-copter	Aeromodelling	3 Days
2	Hexa-copter	Aeromodelling	2 Days
3.	Trainer R.C Plane	Aeromodelling	3 Days
4.	Delta Wing R.C Plane	Aeromodelling	2 Days
5.	Single Motor Hovercraft	Aeromodelling	3 Days
6.	Dual Motor Hovercraft	Aeromodelling	2 Days
7.	Autonomous Robotic Arm	Robotics & Mechatronics	5 Days
8.	Interplanetary Rover	Robotics & Mechatronics	7 Days
9.	Hexapod Robot	Robotics	3 Days
10.	Robotic Dog	Legged Robotics	7 Days
11.	Mini- Satellite	Communication Technology	4 Days
12.	Model Rocket	Space Technology	5 Days

## Course Fees Structure

### Individual Registration

In this registration category you will be provided with the freedom to create the whole project by your own. This registration category includes the fee for all the practical sessions, kit uses and theory modules.

The cost for this category is **Rs.4000** for all the above twelve projects.

### Certification

After completing this Innovation Lab program, each participant will receive an internationally certified and ISRO grade certificate.