

ROCKET SCIENCE IS NOT THE  
ROCKET SCIENCE ANYMORE.

# **SATELLITE** **MASTERCLASS**

**SPACE TECHNOLOGY AND AERONAUTICAL ROCKETRY**

# ABOUT STAR

STAR - Space Technology and Aeronautical Rocketry is a Space Education & Research based startup that aspires to make Space for Everyone by providing project-based learning experience to students.

Space Technology and Aeronautical Rocketry is incorporated as Avkashyaan Private Limited & recognized under Startup India by DIPP.

We are shaping our future in evolving space technology by providing Space Education to students to touch space. STAR has so far reached to 1,20,000+ students across the world and we aspire to reach millions by 2022.

## WHY SATELLITE MASTERCLASS?

To have a virtual learning experience on Satellite Technology & Orbital Mechanics from basic to advance from anywhere across the globe.

At STAR, we have made our best attempts to make the space science & engineering easier to understand.

## 3 STEPS TO BE ON BOARD

1. Fill up the Registration form
2. Submit the payment
3. Confirm your seat

# ABOUT SATELLITE MASTERCLASS

It's a 3-day certified training program which consists of:

## DAY 1: Basic concepts, Satellite design & subsystems

You will be introduced to the history of the Space Technology, basic designs, and subsystems of satellites, based on their sizes & applications.

## DAY 2: Orbital Mechanics

Here you will be learning the concepts & applications of different types of orbits. You will get to learn various Keplerian elements essential to design and uniquely identify an orbit.

## DAY 3: Orbital Perturbation & Communication Losses

Here you will be learning about the effects on satellite orbits due to irregularity in Earth's shapes & gravity of other celestial objects. Also you will get to know about the types and reasons for the communication losses.

Hell! Lots of Questioning.

## OTHER DETAILS

Number of Applicants per workshop: Min. 35 – Max. 90

Workshop Fees: INR 900 / per applicant (Including GST)

Online Platform: Google Meet

## CONTACT INFORMATION

Contact number: +91 7600869692

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For upcoming events and opportunities,

[CLICK HERE](#)

**SPACE IS FOR EVERYONE!**