



**Department of Astronomy, Astrophysics
And Space Engineering,
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore 453552**

**M.Tech / M.Tech + Ph.D Dual Degree
Program In
Space Engineering**

Scope of the Course

In today's world, Space is not just about human curiosity in knowing what's beyond. Space has turned out to be a frontier essential to address plethora of current issues as well as future prosperity. It includes study and prediction of climate change, communication, navigation, defense, security, survey, agriculture, environment, ecology and astronomy. It is essential to develop technology and trained human resource to meet the enormous requirement in this sector both in government and private sectors. The students trained in UG/PG degrees in other disciplines have the basic foundation but falls short of the specialized skills required to carry out research in the domain of Space Sciences and Engineering.

- This program is designed to provide fundamental concepts and specialization in Space Systems Engineering, Operations and Techniques.
- Applicants from basic engineering fields will gain expertise in the domain of space sciences and engineering.
- This program is designed to cater for job aspirants in India's emerging space industry, geo-spatial and defence sectors.

Minimum Education Qualifications

Four-year Bachelor's degree or five-year integrated degree (with first division) in **Electronics and Communication/ Electronics/ Engineering Physics / Aerospace, or M.Sc. in Physics/ Electronics/ Atmospheric science**
Relaxation for SC and ST category applicants as per GoI norms.

Qualifying Examinations

- **International students** : Valid score of TOEFL or IELTS and valid score of GRE
- **Indian students** : Valid GATE qualification in Aerospace Engineering/Electronics and Communication Engineering/ Physics/ Engineering Sciences

Selection Criteria

GATE Score and / or Interview. (Valid GATE score compulsory for TA category)

Categories of Admission for Indian Students

1. **TA:** Teaching Assistantship (TA) under this category on Full Time basis.
2. **SW:** Excellent eligible applicants sponsored by a reputed Industry or R & D Organization with minimum work experience of two years, under Sponsored category (SW) as Full-Time.
3. **DF:** Applicants from the Defence Forces under this category.
4. **IS:** Institute staff members of IIT Indore on Part-time basis.

Contacts

For further details please visit:

[https://academic.iiti.ac.in:8443/Admm/2021_MTech_and_MS_\(Research\)_Advertisement.pdf](https://academic.iiti.ac.in:8443/Admm/2021_MTech_and_MS_(Research)_Advertisement.pdf), &
http://people.iiti.ac.in/~astro/beta_astro/

Email: pc-mtech-se@iiti.ac.in

Duration of the Program -

2 years full-time (2 semesters of course work, 2 semesters of thesis project)