

# B.TECH IN SPACE SCIENCE AND ENGINEERING



ADMISSION STARTS IN 2023 THROUGH ALL INDIA JEE RANKING

## NEED FOR A BTECH IN SPACE SCIENCE & ENGINEERING PROGRAMME IN INDIA

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 a plethora of current issues as well as future prosperity. It includes the 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 domain both in government and private sectors.

### ONE OF ITS KIND

A unique interdisciplinary BTech programme which envisions developing skilled human resources to meet the demand of the booming space and allied sectors of India and the world.



### SPECIALIZATIONS

Students of this programme can specialize in one of the following domains with curated elective courses and a semester-long research project - Space Instrumentation - Detectors & Payloads, Imaging & Data Analytics, Remote Sensing & Atmospheric Engineering, Astronomy & Astrophysics.

### KNOWLEDGE AND SKILLS

Students will be exposed to cutting-edge research and tech development in the sectors of payloads, small satellites and detector design; data analytics; imaging; high-end numerical simulations; with applications targeted towards climate change, sustainable development, ecology, earth observations, agriculture, defense, communication, navigation and astronomy.



### Contact Us:

#### Department of Astronomy, Astrophysics and Space Engineering

DAASE, IIT Indore, established in 2015 is a unique interdisciplinary department and the first of its kind in the IIT system. It offers research and training opportunities in a wide range of domains starting from Astronomy to Space Engineering. Khandwa Road, Simrol, Indore 453552,

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