

SPACE SCIENTIST

A Space Scientist studies the properties of outer space, including our solar system and other galaxies and solar systems, by analyzing data collected by equipment mounted on orbiters, satellites and other probes that are sent into space.

PERSONAL COMPETENCIES

- You enjoy science and maths
- You like to do experiments
- You like to build things
- You are good with computers



The approx. course fee ranges between **INR 5,000 - 5,00,000***

**These figures are estimated numbers and will vary from Institute to Institute.*

SCHOLARSHIPS

• National Scholarship Portal - Visit www.scholarships.gov.in. Under this portal there are Central Government schemes, UGC/AICTE Schemes and Assam Government Schemes offered by different departments*

• Visit www.buddy4study.com for details on available scholarships. This is a gateway to scholarships starting from Class XI*

• Scholarships are also available in the institutes based on merit*

**(Availability of these scholarships can vary from time to time)*

LOANS

• VidyaLakshmi, www.vidyalakshmi.co.in, is a portal for students seeking education loan. This portal has been developed under the guidance of the Department of Financial Services, (Ministry of Finance), Department of Higher Education (Ministry of Human Resource Development) and Indian Banks Association (IBA)

• Some states have student credit cards with low interest rates, for instance, West Bengal, Odisha, Bihar, etc.

• All banks give education loans



ENTRY PATHWAY

1. Complete 10+2 in the Science stream (Physics, Chemistry and Maths)
2. Complete a Bachelor's degree (B.Sc.) in Physics/Mathematics

OR

Complete a Bachelor's degree followed by a Master's degree (M.Sc.) and Ph.D. in Astronomy and Astrophysics/ Applied Mathematics

Please check the duration of the course during enrolment



EXPECTED INCOME

**The figures are indicative & subject to change*

The approx. salary of a Space Scientist ranges between **INR 25,000 - 2,09,000*** per month.

Source: <https://www.ambitionbox.com/salaries/indian-space-research-organisation-salaries/scientist>

WHERE WILL YOU WORK?

Places of Work: Public and Private Research and Observatories.

Work Environment: You have to work for at least 8 to 9 hours and for 5 to 6 days a week. Shift duties may be there. Overtime is common.

Opportunities for work exist for differently abled in this field

EXPECTED GROWTH PATH

Junior Researcher → Space Scientist → Head of Department

Search keywords...



space scientist, space researcher, astronomy

WHERE WILL YOU STUDY?

This course is offered by the Department of Mathematics. This list of institutes is indicative only

GOVERNMENT INSTITUTES

1. IIT - Guwahati
2. Cotton Univeristy, Silchar
3. Dibrugarh University, Dibrugarh
4. Tezpur University, Tezpur
5. NIT Silchar
6. Assam University, Silchar
7. Indian Institute of Technology, Jodhpur
8. Indian Institute of Technology, Kharagpur

PRIVATE INSTITUTES

(Please check if the institute is affiliated and accredited with UGC before applying)

1. Assam Down Town University, Guwahati
2. Royal Global Univeristy, Guwahati
3. St Joseph's College, Bangalore
4. PSG College of Arts and Science, Coimbatore
5. Assam Don Bosco University, Guwahati
6. Dr DY Patil Arts Commerce and Science College, Pune
7. Presidency University, Kolkata
8. St Teresa's College, Ernakulam

Information on the institute rankings can be found at - <https://www.nirfindia.org/2022/Ranking.html>

EXAMPLE FROM THE FIELD

Anuradha T.K. is a retired Indian scientist and project director of the Indian Space Research Organisation (ISRO). She has worked on the launches of the satellites GSAT-12 and GSAT-10. She is the senior most female scientist at ISRO, having joined the space agency in 1982, and also the first woman to become a satellite project director at ISRO. Born in Bengaluru, she graduated with a bachelor's degree in electronics from the University Visvesvaraya College of Engineering in Bangalore.*

Source - [indiatimes.com/trending/rocket-women-isro-scientists-india-561515.html?picid=2243362](https://www.indiatimes.com/trending/rocket-women-isro-scientists-india-561515.html?picid=2243362)

**The above information is for training purposes only and will not be used for any commercial gains*