

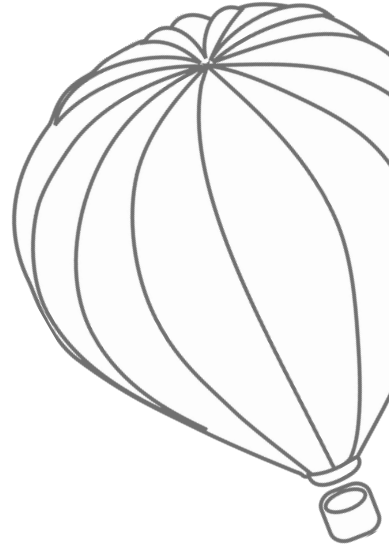
Bachelor of Science (Honours) Data Science and Artificial Intelligence

Mentoring an Intern

Invitation to Industry



**Internship & Placement Cell, Online Degree Program (ODP)
IIT Guwahati**





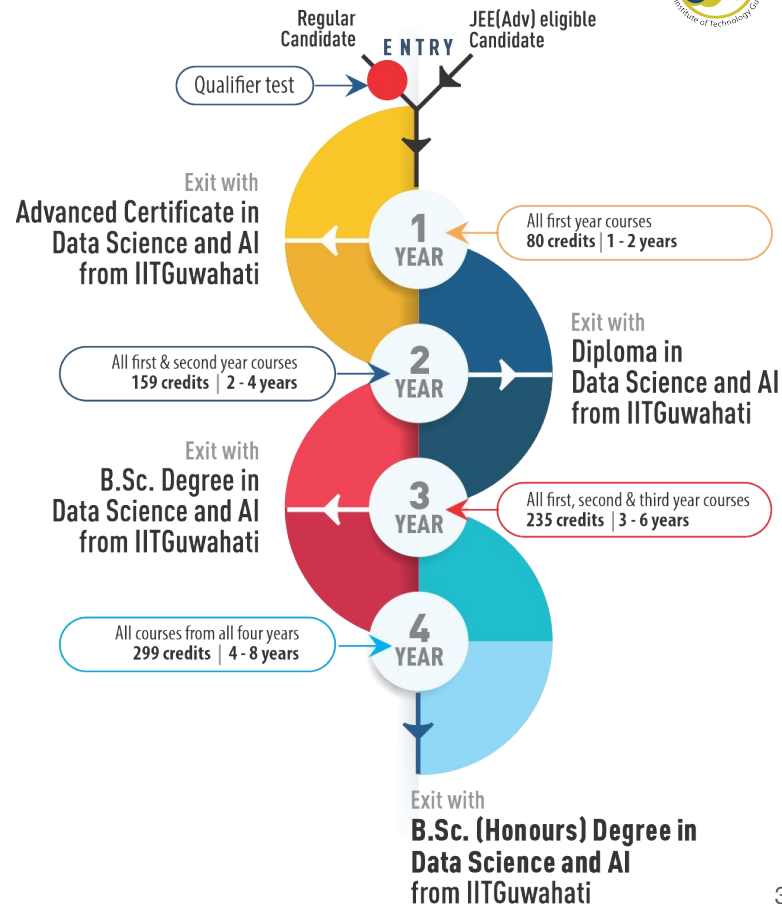
A 4-year degree program of Indian Institute of Technology Guwahati
Launched in 2023





ऑनलाइन शिक्षा एवं कौशल
Online Education & Skilling
Indian Institute of Technology Guwahati

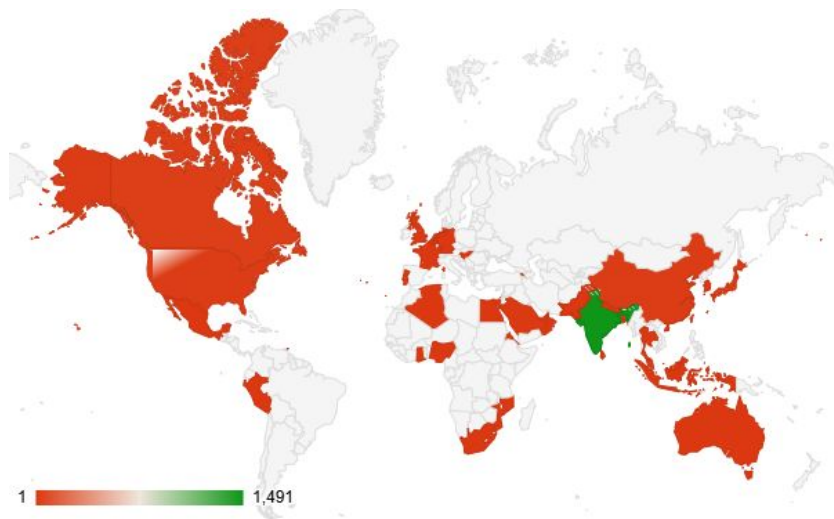
Website: <https://iitg.ac.in/oes/odp/>



IITG Bachelor of Science (Hons.) in Data Science & Artificial Intelligence

ONLINE DEGREES

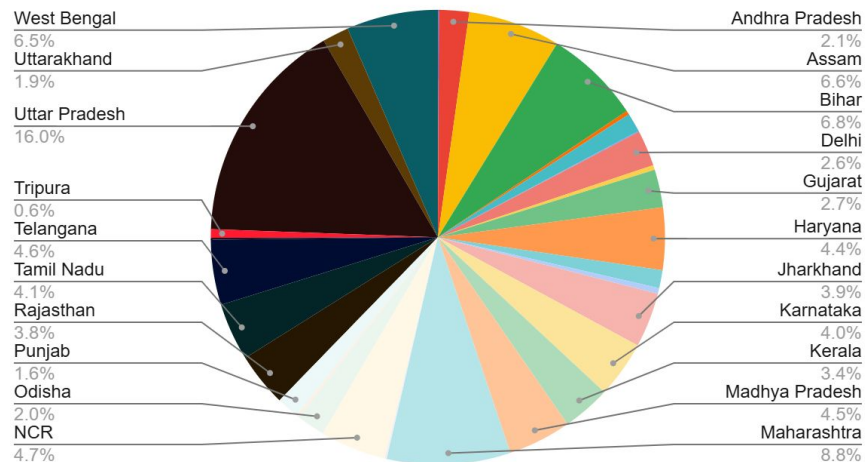
Our student pool distribution, globally



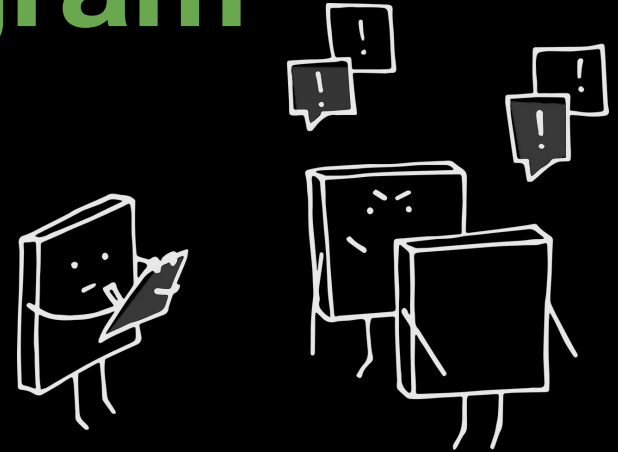
Where Rigour Meets Reach

Our student pool distribution, nationally

Total Students



How Industry Can Engage with the Internship Program



Why host a BSc (Hons.) Data Science and AI Intern?

Structured Yet Flexible Internship Format

- Each academic year includes 3 terms, each of 12 weeks
- Students undertake one internship per term (total of 3 internships in their Third Year)
- Internship schedule are aligned with IITG's Online Degree Program academic calendar (Sep-Dec, Jan-Apr, May-Aug)
- Can be conducted in online or hybrid mode, based on mutual convenience

Enhance Your Research with Student Support

- Students have completed a rigorous two-year curriculum covering 24 courses, taught by IIT Guwahati Faculty
- Trained in Python, R, SQL, Java, ML, AI, visualization, statistics, and more (refer Slide 8)
- Can contribute to real-world tasks such as data analysis, automation, prototyping, dashboarding, and model development

Flexible and Well-Supported Engagement

- Mentors can define the scope and intensity based on project needs
- Mentors are not responsible for grading
- Academic evaluation is fully handled by IITG - an independent panel conducts the end-of-term viva-voce for credit assessment, minimizing overhead for mentors
- Whether you're a startup or an established company, your projects are welcome
- Internships may be extended across terms, with defined deliverables for each term

Opportunities for Deeper Engagement

Beyond Internships: Capstone Collaboration

- If you find a student's contribution valuable, you may:
 - Invite them to continue with the internship into the next term
 - Offer them a capstone project in their final year (Year 4) Capstones are credit-bearing, mentor-led projects that align with research or applied work

Opportunity to Mentor and Inspire

- Connect with motivated students across India and beyond, registered in our Online Degree Program
- Identify potential future mentees or research assistants

Contribute to a National Educational Initiative

- Support IIT Guwahati's flagship online BSc (Hons.) program in Data Science and AI - a first of its kind.
- Your involvement helps build a stronger bridge between academic theory and application.



Students' Academic Preparation Before Internships

Completed Coursework (Year 1 & 2):

Prior to opting for internship credits, every student has successfully completed 24 credit-bearing courses (over 2 years), covering foundational and applied topics in data science, AI, and computing.

Programming & Tools

- C Programming
- Python Programming
- Java Programming
- R Programming
- Computer System Tools
- Social Media Tools & Techniques
- Excel

Data Science & Analysis

- Data Analysis Basics
- Relational Database Management Systems (RDBMS)
- Data Mining & Warehousing
- Data Modeling & Visualization
- Time Series Analysis & Forecasting

Mathematics, Statistics & Applications

- Linear Algebra
- Introduction to Statistics
- Statistical Inferencing
- Optimization
- Basic Econometrics
- Signal and Systems

Artificial Intelligence & Machine Learning

- AI Basics
- Machine Learning Fundamentals
- Recommender Systems
- Algorithm Design & Data Structures

Communication and Supporting Skill

- Basic English Communication
- Shell scripting, Github based project management

Check the full curriculum at:

https://iitg.ac.in/acad/admission/online/Bsc_DSAI_Curriculum.pdf

How to Share an Internship Opportunity

Faculty as Mentors - Getting Started

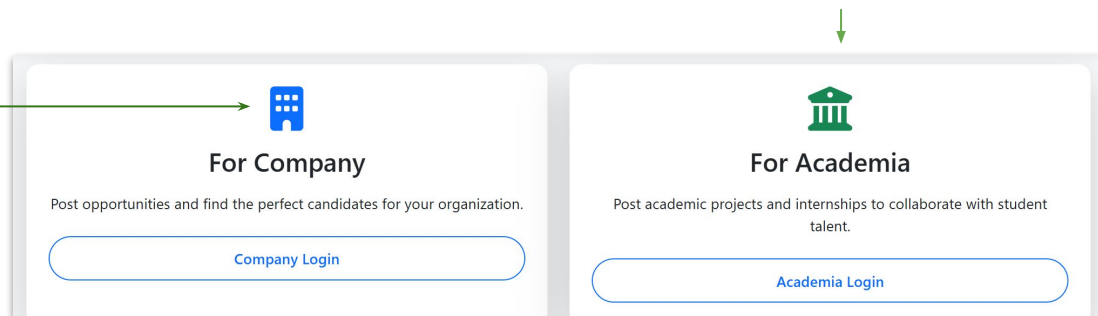
We invite faculty members to post internship opportunities through our dedicated portal. Here's how you can proceed:

Step-by-Step Process:

Step 1: Visit the Portal

 <https://oes.iitg.ac.in/inp/>

- Register if using the portal first time or Log in



Step 2: Post Your Opportunity

- Provide a brief project description, skills expected, mode of interaction, and contact details
- You can specify the term(s) for which the internship is being offered

Step 3: Review and Respond to Applications

- Students will reach out to you directly if interested in the opportunity
- Selection and onboarding are at the mentor's discretion

Evaluation Framework

Mentor will not have any grading responsibility — IITG panel handles internship work evaluation

Criteria	Weightage
Documentation / Report (4 page, as per template)	20%
Video Presentation (10 mins duration, recorded)	20%
Online Viva Voce (10 mins, live meeting)	60%

Contact Us



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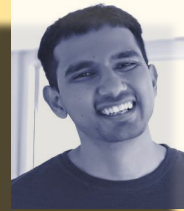
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