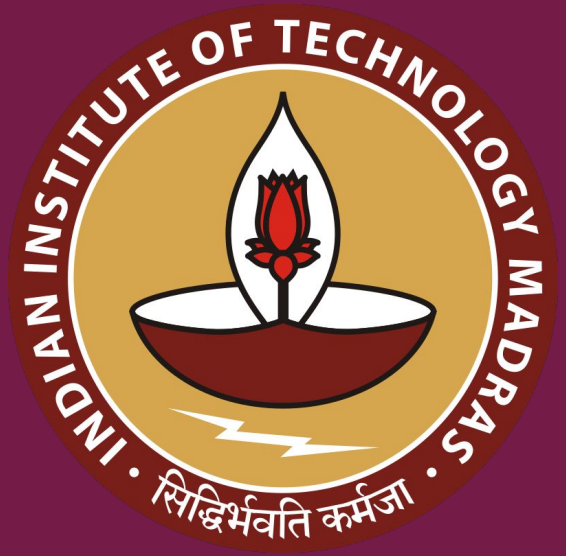




Centre for Outreach and Digital Education (CODE)

IIT Madras

Academic Programs

01 School Connect Program

02 NPTEL

03 BS Degree

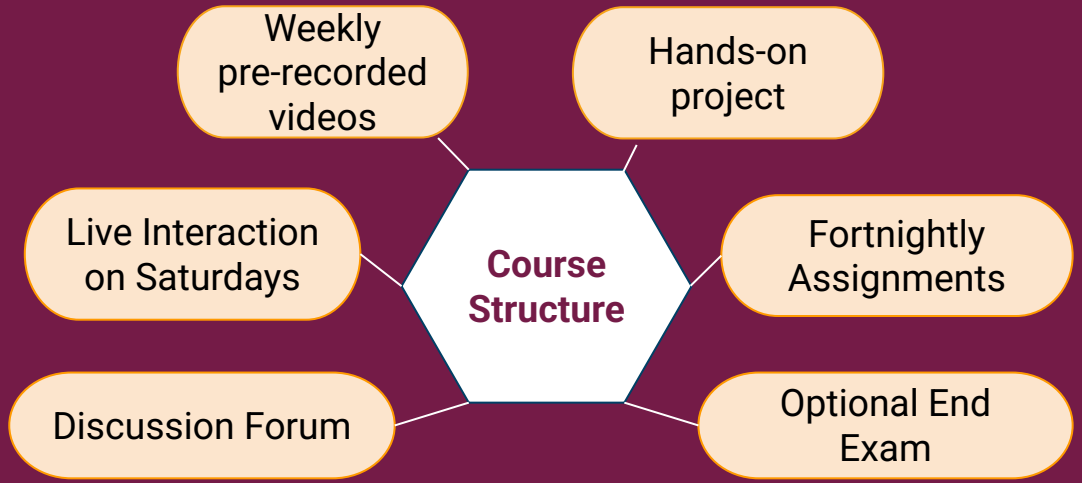
04 Web-enabled M.Tech Programs

05 Executive Education programs

06 Short Term Training Programs

1. School Connect Program

- Introductory ‘Hands-on Career Experience Programs’
- Certification courses for Class X, XI & XII Students from partner schools



Next batch - April 2026
4 batches each year

4300+

SCHOOL PARTNERS

Including 60+ schools from outside India

1.33 lakh+

STUDENT BENEFICIARIES

Rs. 500/course

Current Courses offered under the School Connect Program

code.iitm.ac.in/schoolconnect/index

1. Introduction to Data Science and AI
2. Introduction to Electronic Systems
3. Introduction to Arch. & Design
4. Fun with Math and Computing
5. Math Unplugged: Games & Puzzles
6. Introduction to Engineering Biological Systems
7. Introduction to Ecology
8. Introduction to Law
9. Fundamentals of Aerospace
10. Humanities Unplugged
11. Introduction to Chemical Engineering
12. Economics, Finance, and Money Matters
13. Game Tech Explorers: Understanding Humans, Machines, and Play

New courses in the pipeline: Product Design, Computer Science, Civil Engg, Management, Sciences





2. NPTEL - Joint initiative of seven older IITs and IISc

Free Repository

3200+ courses - for download and viewing

Self-paced Certification

Any time enrollment and certification (online exam) for a nominal fee

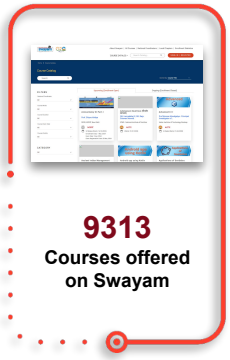
Certification Courses every Jan and July on SWAYAM

Enrollment is free. Exam for a nominal fee, is in-person, proctored at centres

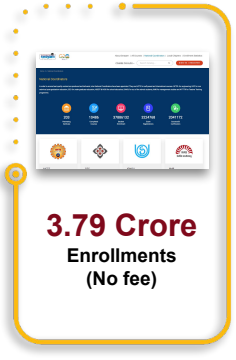
NPTEL highlights

National Programme on Technology Enhanced Learning

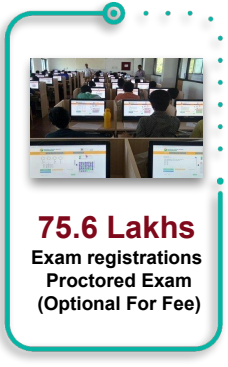




9313
Courses offered on Swayam



3.79 Crore
Enrollments (No fee)



75.6 Lakhs
Exam registrations Proctored Exam (Optional For Fee)



48.9 Lakhs
Certified e-verifiable Certificates

Courses from 80+ top institutes. NPTEL Networks with 8000+ Colleges and 100+ Industry Associates

973 courses offered in **Engineering, Humanities, and Management** for the **Jan 2026 semester**

- **Over 35.7 Lakh Enrollments and 5.3 Lakh Exam Registrations — Currently Ongoing**

NPTEL INITIATIVES - FOR THE LEARNER COMMUNITY

For Students:

- Credit transfer
- Soft skill training
- CSR support for fee waiver
- Lab workshops
- GATE exam preparation

For Faculty:

- Faculty development points

For Students / Faculty

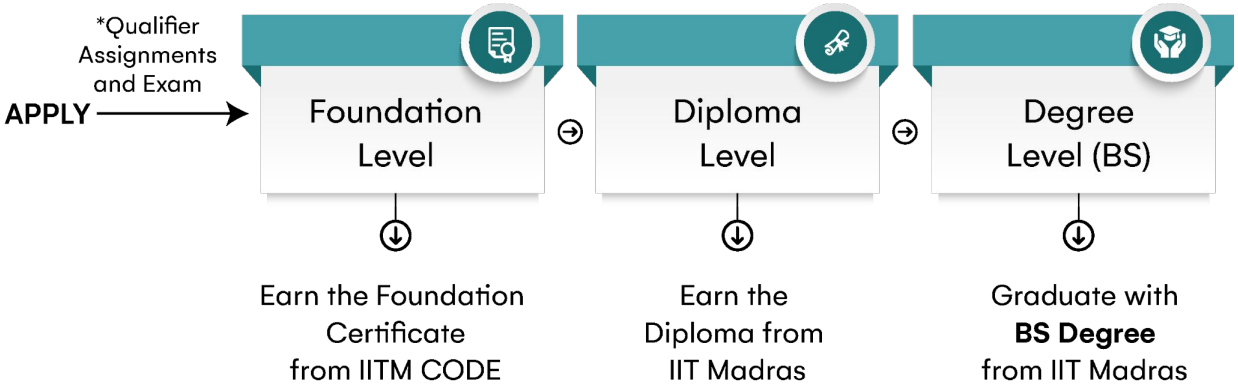
- Workshops/Short term training programs
- Internships
- Post bac/Pre-doc fellowships
- Support for attending conferences

Other Initiatives:

- Industry associates
- Translation

3. BS and Diploma Programs

- **BS in Data Science and Applications**
- **BS in Electronic Systems**



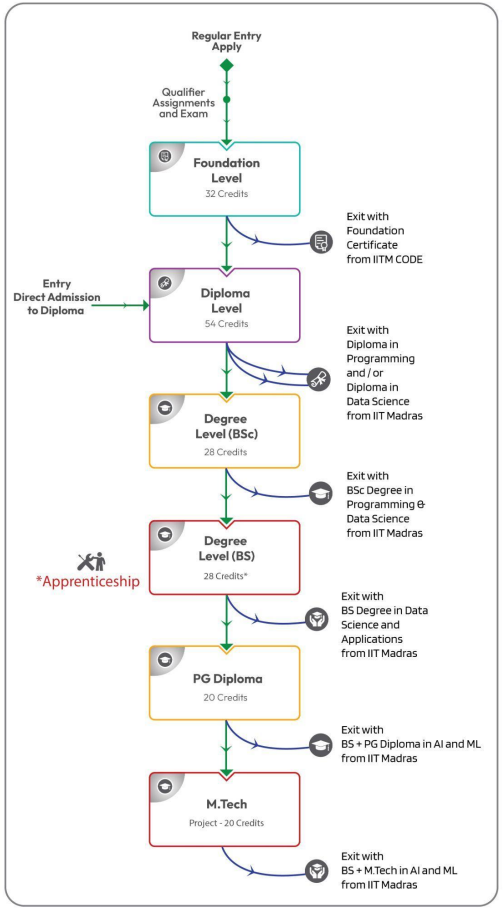


New programs launch in 2026

- **BS in Aeronautics and Space Technology**
- **BS in Management and Data Science**

IITM BS Degree in Data Science and Applications

- Open to anyone who is interested in upskilling - any age, from anywhere, any background
- Entry - 4-week qualifier process or JEE
- All contents delivered online, proctored in-person exams on Sundays
- Access to IITM campus courses at the Degree levels



- Upgrade to PG Diploma/MTech program after completing the BS
- Upgrade to MS in IITM after completing the final year in IITM in person

IITM BS - DS Program - Overview

Applications (Jan 2021 onwards): **2,56,976**

Students who have qualified: **83,509 (33%)**

Students who have started the program: **69,322 (83%)**

Applications for Qualifier process for Jan 2026: Regular: **4,520** | JEE: **417**

Number of students currently registered: 36,362

LEVEL	ACTIVE	HIGHEST LEVEL COMPLETED
Foundation	29,252	20,678
Diploma	14,466	Both Diplomas-1,255, DP-964, DS-1009
BSc	935	804
BS	493	620

IITM BS - Electronic Systems - Overview

Applications (June 2023 onwards): **8,199**

Students who qualified: **3,381 (41%)**

Students who have started the program: **2,420 (72%)**

Applications for Qualifier process for Jan 2026:
Regular: **342** | JEE: **34**

Number of students currently enrolled: 1480

LEVEL	ACTIVE	HIGHEST LEVEL COMPLETED
Foundation	950	474
Diploma	469	61
BS	61	0

BS-DS Program Student Distribution

Age (yrs)	% of Total
<20	46.04%
20 - 28	45.26%
29 - 37	4.97%
38 - 46	2.50%
47 - 55	1.02%
56 - 64	0.18%
65 - 73	0.03%

Education Level	%
Doing another UG degree in parallel	47.05%
Completed UG	18.05%
Stand Alone	31.82%
Completed PG	3.09%

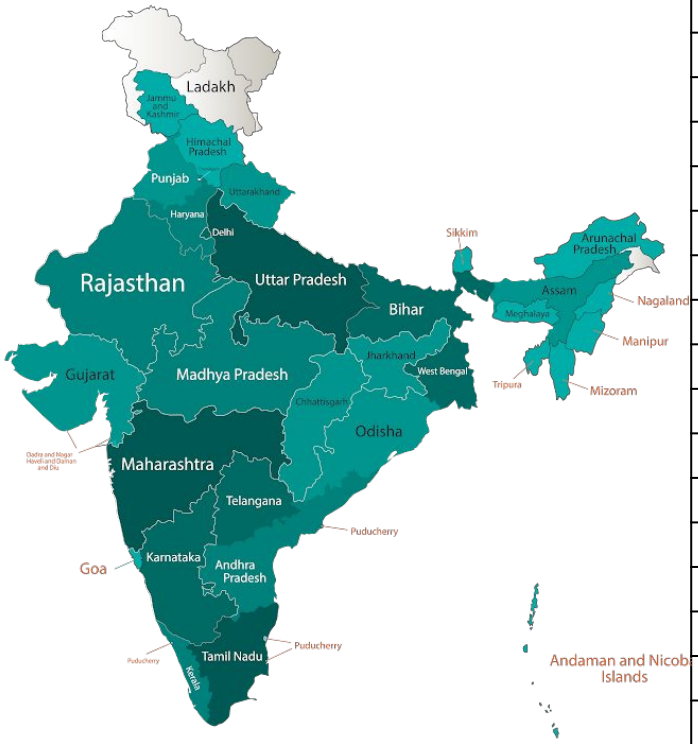
Working Status	%
Employed	14.01%

Male	Female	Others
73.09%	26.91%	0.01%

Educational Background	% of Total
Arts/ Science / Commerce	27%
Engineering / Technology	54%
Management	19%

Income Level	% of total
> 5 LPA	58.75%
1-5 LPA	16.03%
< 1 LPA	25.23%

Student community across India



505 students outside India currently studying in the BS program

State	No of Students
Tamil-Nadu	6853
Uttar-Pradesh	6144
Maharashtra	4889
Bihar	2900
West-Bengal	2732
Delhi-(National-Capital-Territory)	2445
Karnataka	2384
Telangana	2361
Rajasthan	1832
Kerala	1825
Andhra-Pradesh	1647
Madhya-Pradesh	1571
Haryana	1527
Gujarat	1106
Jharkhand	1098
Odisha	680
Uttarakhand	495
Punjab	463
Chhattisgarh	447

State	No of Students
Assam	388
Jammu-And-Kashmir	157
Himachal-Pradesh	148
Puducherry-(Union-Territory)	142
Tripura	79
Goa	71
Chandigarh-(Union-Territory)	63
Dadra-And-Nagar-Haveli-(Union-Territory)	20
Meghalaya	20
Andaman-And-Nicobar-Islands	19
Manipur	18
Arunachal-Pradesh	12
Nagaland	9
Mizoram	7
Sikkim	5
Daman-And-Diu	3

4. Web Enabled PG Programs - M.TECH

Prerequisite:
Program wise eligibility + 2 years work experience

M. Tech

- Aerospace Engg
- Artificial Intelligence
- Electrical Engg
- Comp Sc. Engg
- Mech Engg
- E-Mobility

PG Diploma exit option available

01 **Duration**
1 or 2 years +
1 year Project

02 **Mode of Delivery**
Live classes during the weekdays
4pm - 7pm (IST)

03 **Interim Assessments and End Term**
Online proctored and center based

04 **Immersion**
Through Laboratory sessions or Campus visits or Project review as per program

05 **Project**
Hands-on project in work area, reviewed by IITM Faculty

06 **Award of Degree**
M.Tech

Support of Company is required by way of a MoU / Letter of Support to execute the project in the employed organization

4.1 Web Enabled PG Programs - PG DIPLOMA

Prerequisite:
Program wise eligibility
Open for **Freshers**

PG Diploma

- **Aerospace Engg**
- **Artificial Intelligence**
- **Electrical Engg**
- **Mech Engg**
- **E-Mobility***
- **Process Safety**

Upgrade option to M.Tech available

01 **Duration**
1 or 2 years

02 **Mode of Delivery**
Live classes during the weekday 4pm - 7pm (IST)

03 **Interim Assessments and End Term**
Online proctored and center based

04 **Immersion**
Through Laboratory sessions or Campus visits as per program

05 **Mini Project**
Applicable for Artificial Intelligence, E-Mobility

06 **Award of Degree**
1. PG Diploma

*** Candidate has to be employed and support of Company is required by way of a MoU / Letter of Support ONLY for E-Mobility program.**

Web M.Tech programs: 8; Specialisation - 14; Active - 1223 Students

New program

PG Diploma Manufacturing analytics

PG Diploma in Process Safety - 40 students

Electrical Engineering

1. Communications & Signal processing
2. Integrated Circuit System
3. Microelectronics
4. Multimedia
5. RF Microwave

380 students

Mechanical Engineering

1. Mechanical Design
2. Automotive Technology

181 students

Aerospace Engineering

1. Aerospace Engineering
2. Ammunition Technology

119 students

E-Mobility

61 students

Industrial Artificial Intelligence
Artificial Intelligence

288 students

Information security

154 students

Important Dates & Applications

Visit code.iitm.ac.in/webmtech for course details and application

Important Dates	WMT PG Programs
Application open from	February 02, 2026
Application end date	May 31, 2026
Entrance Exam date	July 19, 2026
Term start	September 2026
Application fee	Rs. 3,000/-

5. Executive Education



Executive Education Programs

- Supply Chain Management Professional Certification (SCMPro) - Joint certification with CII
- Supply Chain Management Data + AI - Joint certification with CII
- Battery Pack Design and Development - Fundamentals
- eMobility (CPoeM)
- Construction Technology and Management
- Digital Transformation Strategy– Leadership Essentials
- Machine Learning for Industry Professionals
- Quantum Computing
- Certificate Program on Electric Vehicles (CPEV) - optional lab add-on available
- Battery Cell Technology
- Motors & Controllers
- Additive Manufacturing (3D printing)
- Responsible AI
- Electric Vehicle Engineering & Development (EVEND)
- Sustainability for Indian Businesses
- Masterclass on ESG: From Compliance to Opportunity
- *EV Testing and Validation -New Launch*
- *Embedded Systems in Software Defined Vehicles -New Launch*
- *Power Electronics in EVs-New Launch*
- *Electric Vehicles charging and chargers--New Launch*

Lab courses launched: 2 -day in-person for MoCo,EVEND,CPEV

Please refer respective course cohort start dates at https://code.iitm.ac.in/ExecEdu

6. Short Term Training Programs

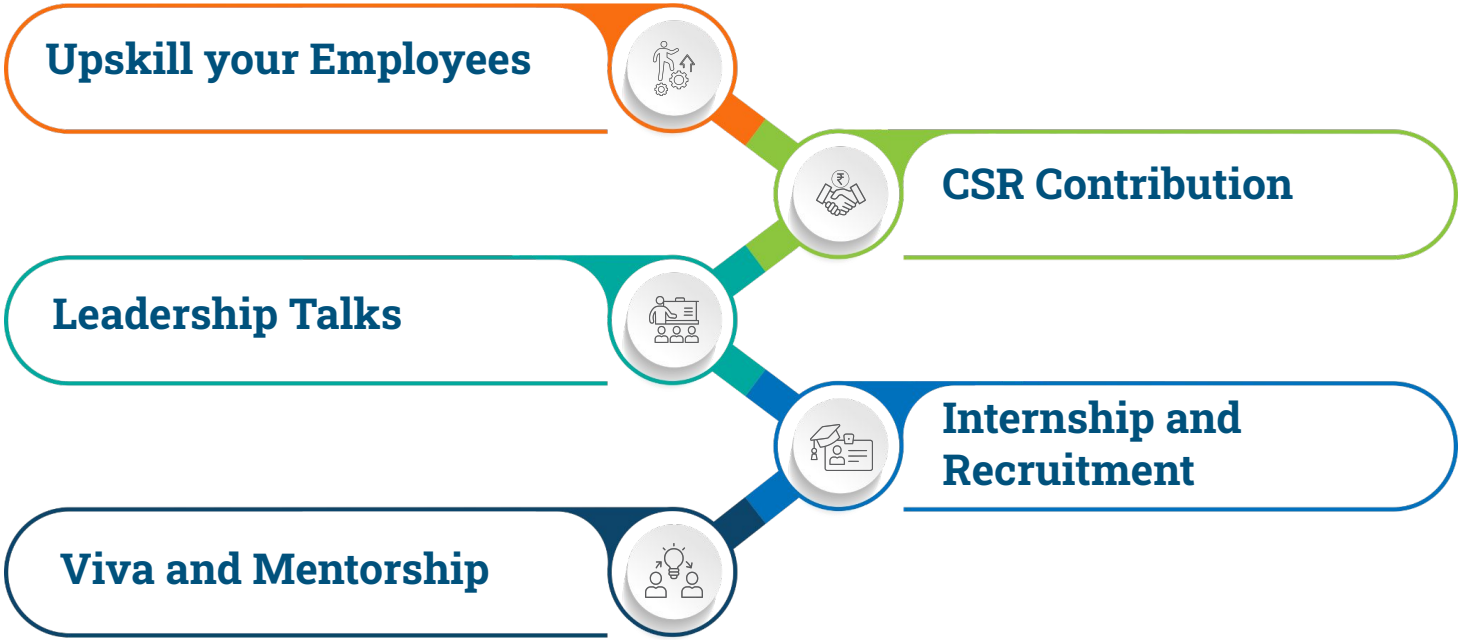
Customized for Companies

Duration: 1 day to 1 week

In-person or Online

Management	Scale Up Program for Incubators Lean management and value stream mapping Women Leadership Development Program
Data Science / AR - VR	Data Science for Financial Surveillance A short introduction to ML
Electrical Engineering	Robust Parameter Design using Taguchi Methods
Automobiles	Vehicle Dynamics, Drivetrain sizing Electric Vehicles Engg, Battery System, Charging Tech, Motors, Power Electronics, Mechatronics
Civil Engineering	Construction Automation and Robotics Construction Safety
Mechanical Engineering	Advanced HVAC design and testing training Design for Manufacture & Assembly Analysis of Mechanical Behaviour of Materials

7. Partner with IITM CODE



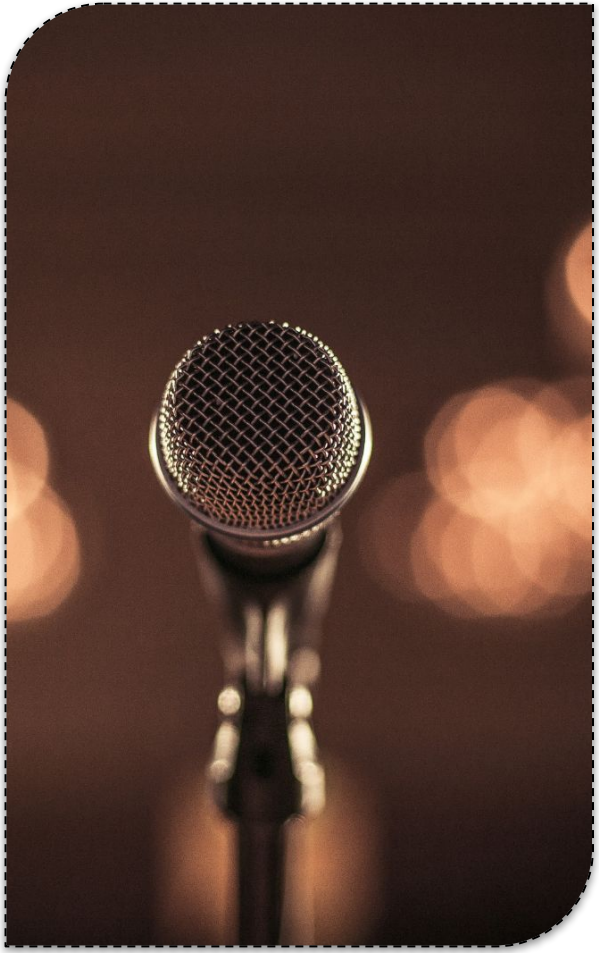
7.1 Upskilling/Cross skilling your employees

Working Professionals can pursue

- Web-enabled MTech Program - 12 programs available + + 2 PG Diploma
- Diploma in Data Science/Diploma in Programming
- Executive Education Program - 20 programs across domains
- NPTEL courses - can also be taken as part of onboarding freshers/before joining

7.2 Leadership Talks

- Industry experts are invited to share industry insights with the student community through Live sessions
- Senior management professionals or technologists from your company with 10+ years of experience in relevant fields (Data Science & Programming domain) can deliver talks
- Duration: 45 minutes to 60 minutes. The Session video will be recorded and archived for future use (upon your consent) if not we would not record the sessions.



7.3 Viva and Mentorship

- We are pleased to invite members from your esteemed organization to collaborate with the IIT Madras BS Degree in Data Science & Applications as viva examiners. This is a great opportunity to engage with our talented student community and contribute to their academic and professional development.

- As part of this effort, your team members would conduct vivas and serve as examiners. We will be offering an honorarium for each viva conducted, along with a certificate of appreciation for their valuable contribution.



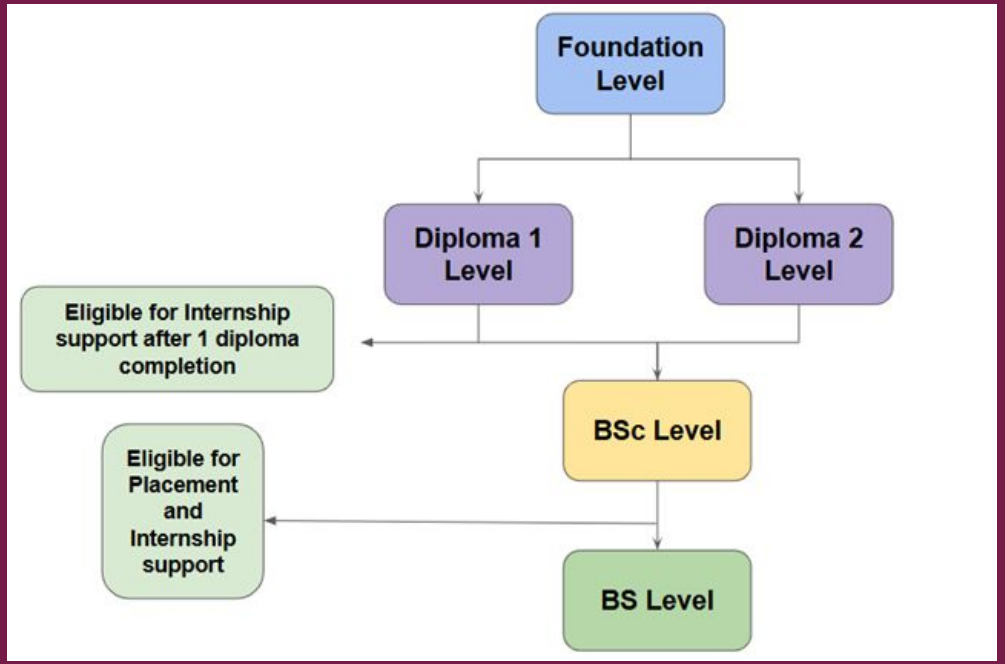
7.4 Initiatives supported through CSR

- **NPTEL:**
  - Sponsor exam fees for students in Tier 2 and Tier 3 cities, female students pursuing STEM courses
  - Support Pre-Doctoral Fellowships to provide a pathway for NPTEL Stars to pursue advanced research opportunities
  - Support NPTEL topper students to pursue Internship with course offering faculty. This provides students with research experiences with the faculty from IITs/IISc/IISER/IIIT/other course offering institutes
  - Support NPTEL to train students to develop soft skills and get them job-ready

- **BS Programs:**
  - Sponsor tuition fees for students with family income < 5LPA
  - Provide laptop support to students pursuing BS Program

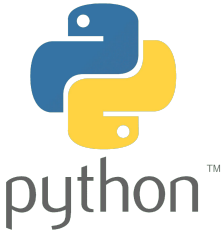
7.5 Hire from the BS program

Placements, Internships & Apprenticeship



- Throughout the year student availability
- Students across locations
- Specialised Skills
- Average Internship Stipend **28000 PM**
- Average Placement CTC **8.5 LPA**
- Interviews Facilitated
- **3693**+ offers accepted
- Internship Duration: **3 to 6 Months**
- Apprenticeship Duration: **8 Months**

Tools and Skills









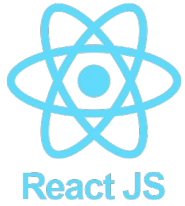
















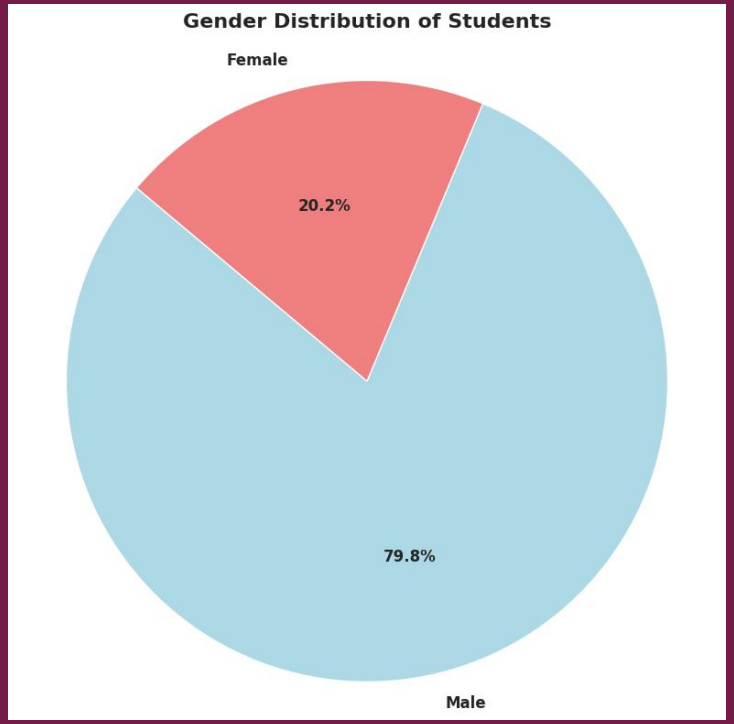


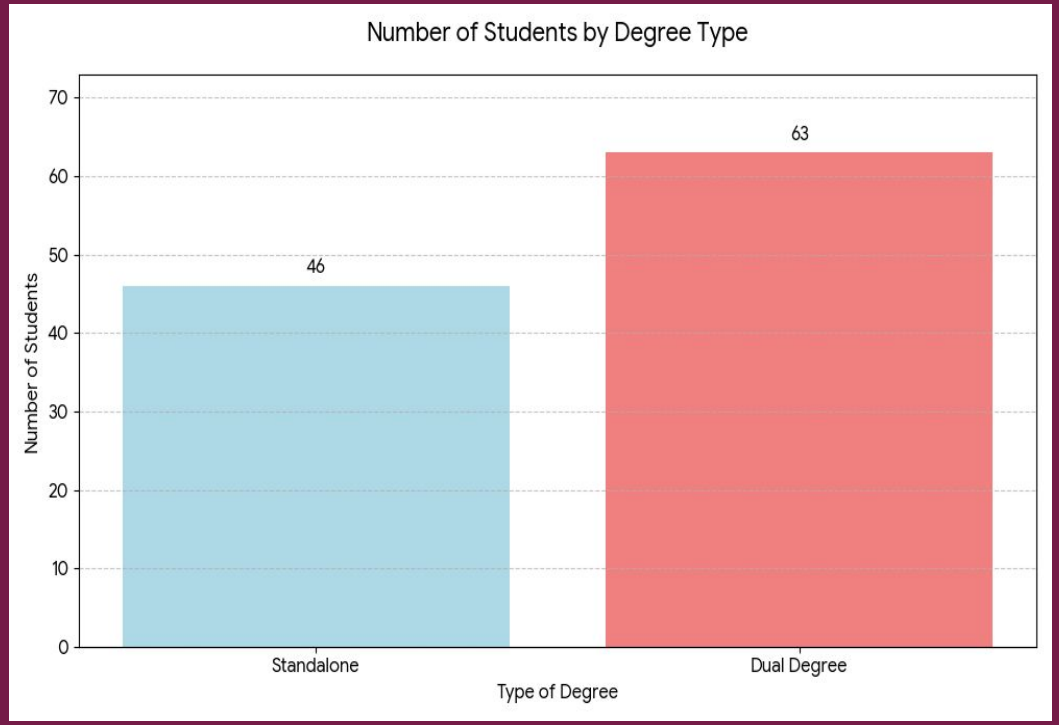




Current Eligible Student Diversity

Total Number of students available for Internship & Placement: 109
Number of students available for Internship - **71**
Number of students who are available for Full Time - **38**





Candidates suitable for

Jobs

- Data Scientist
- Business Analyst
- Data Analyst
- Data Engineer
- Software Engineer
- Full Stack Developer
- Front End Developer
- ML Engineer
- R&D Software Engineer
- Python Developer

Internships

- Data Analyst Intern
- Data Science Intern
- Generative AI Intern
- HR Analytics - Intern
- Market Research Intern
- Software Developer Intern
- AI Engineer - Intern
- Machine Learning Intern
- AI Research Intern
- LLM Intern
- Strategy and Planning Intern



Prominent Recruiters



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