



Indian Institute of Technology Madras
Office of Alumni and Corporate Relations

1982 Coral Batch Reunion Contribution Utilization Report



On December 2017, Coral Batch Reunion for the Class of 1982
held at IIT Madras

*"Memories are the threads that hold together the plaid of friendship.
Recall it as often as you wish, a happy memory never wears out"*

1982 Coral Batch Reunion Contribution Utilization Report

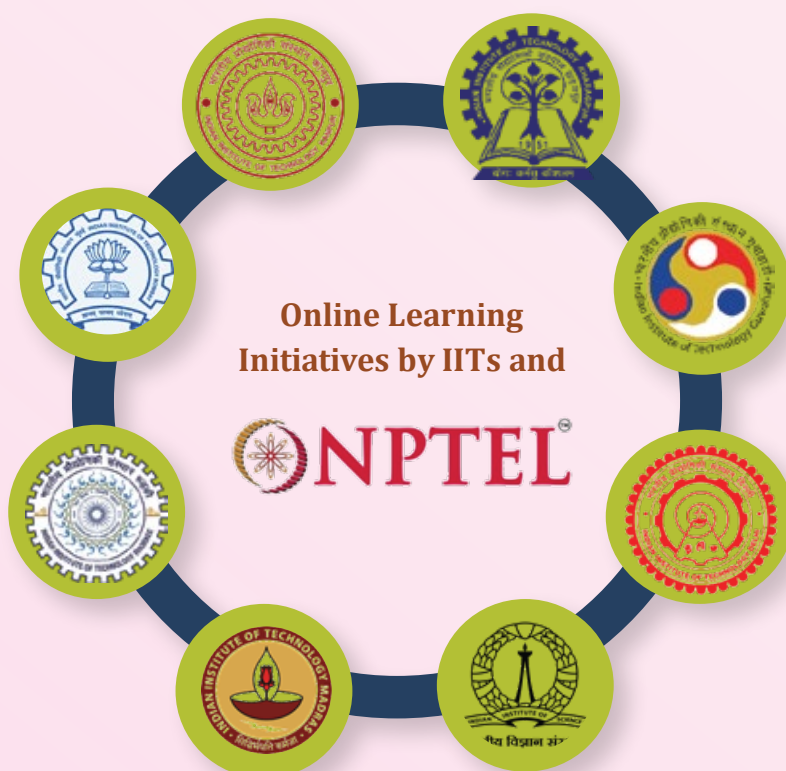
Firstly, we express our heartfelt gratitude to the 1982 Coral Reunion Batch for their continued and generous contribution for the growth and development of IIT Madras. The Coral Reunion Batch of 1982 unanimously decided to utilize the funds collected from their Coral Reunion Batch gathering for NPTEL Infrastructure - studio construction work.



National Programme on Technology Enhanced Learning (NPTEL), a project of the MHRD initiated in 2003 by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore, provides recorded lectures taught by its member institutes online for open access. It focuses on five core disciplines – civil engineering, computer science and engineering, electrical engineering, electronics, and communication engineering as well as mechanical engineering.

NPTEL has the world's largest online repository of courses in basic sciences, engineering and selected humanities and social sciences subjects. The online portal has over a billion views and its YouTube Channel is the most subscribed educational channel with more than 3.7 million subscribers and over 500 million total views. With 52000+ hours video content, it is the most accessed library of peer-reviewed educational content in the world.


Transcripts of NPTEL video content are made available in PDF format for easy access. These transcripts are also available in book format on our website.



NPTEL Certification Courses

EARN A CERTIFICATE

Earn a certificate from the IITs/IISc when you pass the online proctored examination



Since March 2014, NPTEL has been offering open online courses along with certificates from the IITs/IISc for those who successfully complete the courses. The courses are free for enrolment and learning. The certification examination conducted at the end of the course is optional and has a fee. Every January and July, 600+ courses are offered online at free of cost for anyone to enroll and learn from our [website](https://swayam.gov.in).

The certification involves writing an exam that is proctored and conducted in 150 cities across India. 3400+ online certification courses have been completed as on date with 1.5 crore+ enrolments and 1.5 lakh+ exam registrations. 620 courses are currently open for enrolment at https://swayam.gov.in/nc_details/NPTEL



NPTEL has partnered with 4700+ colleges within India and overseas. We interact and engage with the students and faculty at these institutes to encourage certification via the NPTEL courses, thereby improving their employability. Workshops are routinely conducted for students and faculty members to create awareness about NPTEL.

NPTEL > Local Chapter

Local Chapters - Home

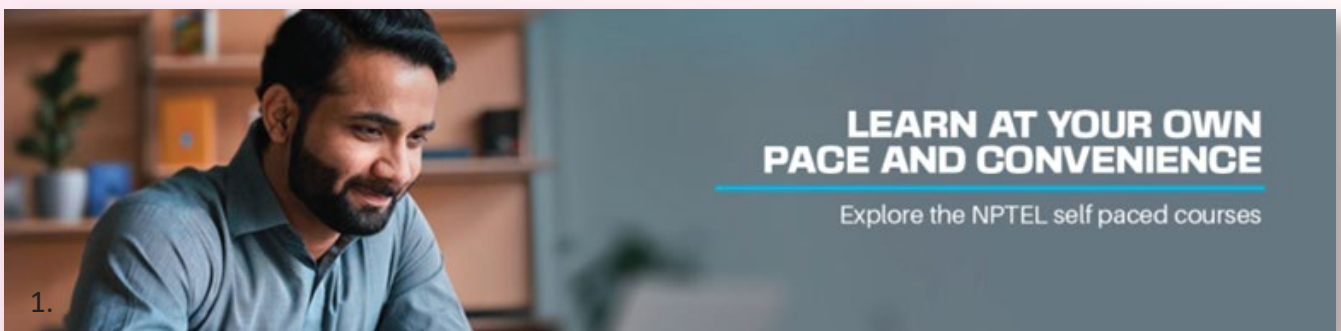


The graphic for NPTEL Local Chapters lists various activities: Translation, Events, Courses, Contests, Impact, Workshops, Conferences, SPOCs, Mentors, and Webinars. The central text reads "NPTEL Local Chapters".

Our Latest Initiatives

NPTEL has recently started various new initiatives. A briefing is given below. More details can be found at our [website](#).

A. NPTEL+ Anyone Anywhere Anytime



NPTEL has launched the new portal, NPTEL+ to expand the variety of offerings and courses for learner upskilling. Three types of training programs are run currently:

2. **NPTEL courses in self-paced mode:** Learners may progress through the course and complete assignments at their own pace and also choose to write a remote proctored online exam from the comfort of their homes to earn a certificate.

Short term training programs from the IITs/IISc: Short term training programs which might involve fully live lectures coupled with hands-on training or a blended mode of learning are being offered.

Other programs: These programs include courses from institutes/organizations that are partnering with NPTEL to equip the learners to be industry-ready.

For more details, please visit <https://elearn.nptel.ac.in/>

B. Domain Certification <https://nptel.ac.in/domains>

NPTEL Courses are grouped to help learners specialize in 51 domains across 12 disciplines. Completing a domain helps to gain expertise in a specific area. This can be helpful for learners who wish to work in a particular area as part of their job or research.

NPTEL **swayam**

DOMAIN CERTIFICATE

This is to certify that

Photo

Name

has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

Flight Mechanics
(Aerospace Engineering)

The courses were completed in the period April 2022

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No:

To validate and check scores:
<https://nptel.ac.in/noe>

Course Details

Course Type	Course Name	Duration	Offering Institute	Course Timeline	Marks Obtained (Out of 100)	GR Grade
core	Introduction to Airplane Performance	8	IIT Karpur	Jan-Mar 2020		
core	Aircraft Stability and Control	12	IIT Karpur	Sep-Dec 2020		
core	Aircraft Design	12	IIT Karpur	Jan-Apr 2022		
core	Introduction to Experiments in Flight	4	IIT Karpur	Feb-Mar 2021		
Elective	UAV Design - Part II	8	IIT Karpur	Jul-Sep 2021		
Elective	Introduction to Airbreathing Propulsion	12	IIT Karpur	Sep-Dec 2020		
Total Marks						

Criteria for certification in Flight Mechanics Domain:
The candidate should complete the prescribed 4 core courses and 2 elective courses:
1. Scoring a minimum of ≥ 55 marks in each course and should pass the courses too.
2. Average of all courses in the domain should be ≥ 60 .
3. Sum of the duration of the courses should be ≥ 50 weeks.

Domain Certificate

C. Industry Interaction <https://nptel.ac.in/nia>



NPTEL has been working towards bringing in an industry perspective to its technically rich courses which led to the inception of an initiative called NPTEL INDUSTRY ASSOCIATE (NIA). As a part of NIA, NPTEL has launched various initiatives in collaboration with different industry partners. Some of the initiatives have been launched with the CSR support from our partners. We are glad to inform you that NPTEL learners can benefit by participating in the following initiatives:

INTERNSHIP



1. **Internships for course toppers with the IIT Faculty:** NPTEL provides toppers with the opportunity to gain rich research experiences with the faculty members from the prestigious IITs and IISc. A month-long exposure to the IIT's learning and research environment would definitely motivate the students to pursue higher education in their field of interest. The selected students will be interning with IIT/IISc professors with a nominal stipend.
2. **Fee Waiver Support for economically backward students:** NPTEL is supporting students from economically weak backgrounds to complete the course and get a certificate from the IITs. NPTEL provides Rs. 500 as an exam fee waiver to such deserving students.
3. **Soft Skills Training with Employment Assessment and Recruitment Support:** Apart from improving the technical skills through our online courses, we also want our learners to polish their soft skills. To make our learners industry ready, we have put together a Soft Skills Training program with an employment assessment. We are offering this training program free of cost to NPTEL learners. This initiative is funded by our CSR partners.
4. **GATE Exam Preparation:** NPTEL wishes to guide and help candidates prepare for the GATE exam, reducing the dependency on the coaching centers and create a level playing field. This project was initiated to provide students with an integrated platform to prepare for GATE. For more details, please visit: <https://gate.nptel.ac.in>

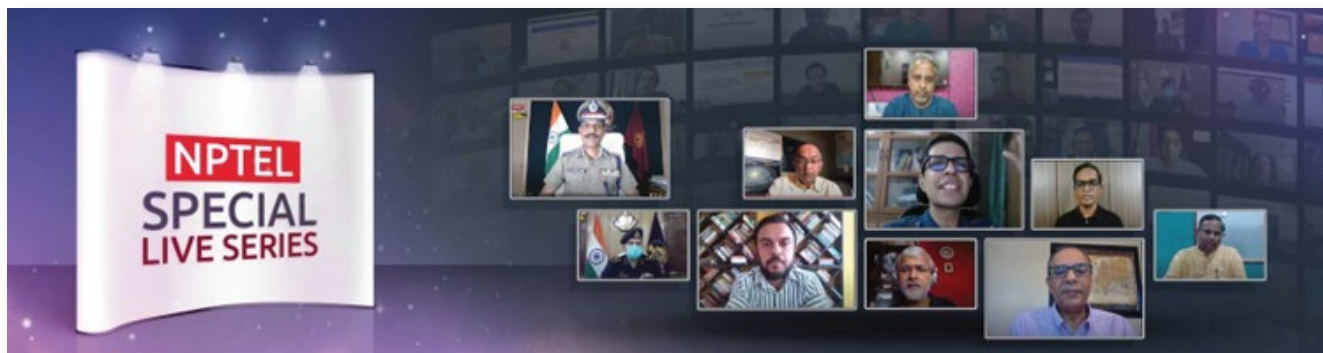


GATE PREPARATION PLATFORM

5. **In-person Lab Workshop for course toppers:** To motivate the NPTEL toppers, we offer them with an opportunity to experience state-of-the-art lab facilities. We conduct week-long laboratory workshops at some of the premier institutes, such as the IITs, IISERs and IIITs. Intended audience for these workshops will be students from Tier 2 / Tier 3 colleges. We take support from our CSR partners for financial assistance to support the accommodation cost.
6. **Job Opportunities through NPTEL:** NPTEL receives job openings from our industry partners. We share these job openings with our NPTEL learners. Learners can fill out our resume form and receive regular updates about the job opportunities.
7. **Incentives to SPOCs of local chapters to attend conferences in India:** To foster the research spirit in the SPOCs, we encourage them to attend conferences and present papers. NPTEL will sponsor the cost of travel and conference registration fees for the SPOCs of different local chapters. This significant initiative is highly needed in our country, as it encourages the faculty members to learn further and be better teachers.

D. NPTEL Special Lecture Series

The one-hour interactive lectures range from career guidance to technology/general topics and are live streamed on NPTEL-IIT Madras YouTube channel, available at free of cost to the public. These lectures provide students with an exposure to listen to eminent speakers from various domains.



E. NPTEL Stars

Over the past five years, we have seen a small group of learners coming back repeatedly to NPTEL courses and completing exams with us. In its current operational format, barring the individual course certificates there aren't any other incentives for these learners. The 'NPTEL Stars' has been initiated to acknowledge such dedicated efforts by learners. We have looked at various meaningful ways in which such learners can take up more than one course exam in NPTEL and have identified 7 broad categories into which these Stars can be classified. They are: NPTEL Domain Scholars, NPTEL Superstars, NPTEL Evangelists, NPTEL Motivated Learners, NPTEL Enthusiasts, NPTEL Discipline Stars and NPTEL Believers. They are showcased on our website at: <https://nptel.ac.in/nptelstars>



NPTEL STARS

We are very happy to recognize and proud to be associated with the following categories of learners who have excelled in various ways.

We hope this will motivate other NPTEL learners to join the ranks and be featured here.

NPTEL Domain Scholars

Complete core/selective courses, minimum score ≥ 55 in each course with average of 60, complete weeks required

NPTEL Superstars

Appeared in 4/5/6 exams and topper in atleast 3 exams.

NPTEL Evangelists

Present in atleast 18 exams in 4 years/8 semesters and passed in 2/3 of courses appeared

NPTEL Motivated Learners

Appeared in atleast 8 exams in 4 semesters, passed in 75% of courses appeared, atleast one exam in each of the 4 semesters.

NPTEL Enthusiasts

Appeared in atleast 8 exams in 4 semesters, passed in 75% of courses appeared (not looking for continuity here).

NPTEL Discipline Stars

Certified in courses of same discipline, more than 50 weeks of learning, final score in each subject ≥ 55 .

NPTEL Believers

Present in 4/5/6 exams with passing atleast 4 exams appeared for.

F. Translation of NPTEL video content to 11 regional languages



NPTEL has initiated translation of course content into 11 different languages - Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Tamil, Telugu, Assamese, Punjabi, and Odisha. Translations generated in various languages are available on Swayam site and NPTEL site as PDF transcripts, E-books, subtitles below the videos, scrolling text below videos, and in some cases as audio files. Click [here](#) to view the [website](#).

NPTEL Infrastructure - Studio construction work

Details of the studio construction work:

- The sound proofing & blinds were done.
- Air conditioning got installed for all the three studios.
- Furnitures were arranged for two classrooms.
- Virtual studio - green paint for the walls got completed.
- Required equipment for the studio and the editing room were procured.
- The Signage was designed and put up.
- Security cameras were installed at the required spots.

Since its completion, the studios have been continuously used for recording and other purposes.

NPTEL studio during renovation:

Picture of studio at the stage of civil works being nearly completed, including AC. Signage being worked in March 2020.



Picture of Studio 1 - green screen behind the podium, electrical wiring for power points at every table



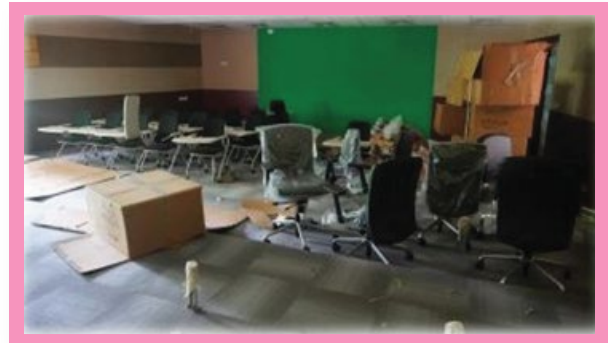
Picture of the blinds of the windows being completed



Picture of the virtual studio – when painting of the floor was pending along with equipment installation



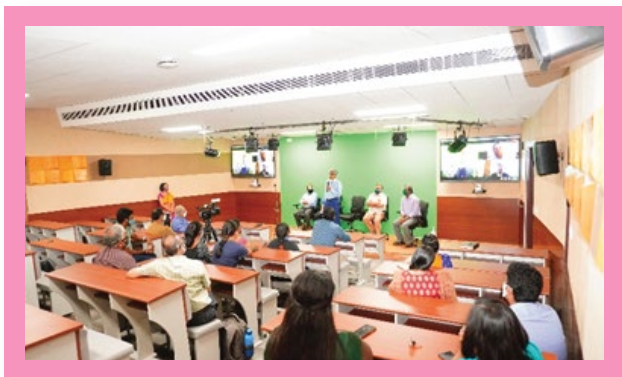
Picture of passage/corridor to enter the studios



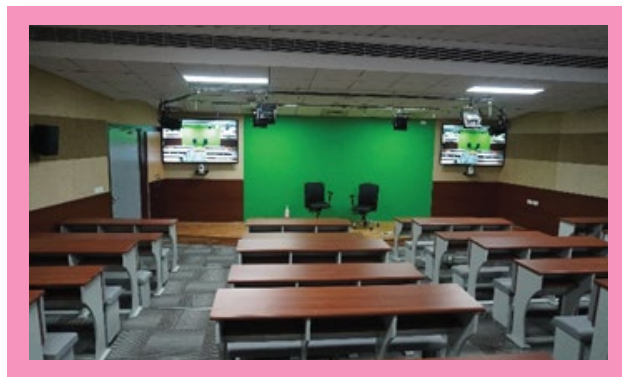
Picture of Studio 2 – after partial furniture delivery

Total contribution generously contributed by the 1982 coral batch reunion was utilized by the NPTEL for various purposes during the infrastructure renovation of NPTEL like Furniture for the studio, procuring MAC machine , Panasonic memory card drives , Scintilla individual arms (manual tip up seat) , Godrej versa canvas mid back chairs, Godrej beat mid back with seat slite, AHUs and Allied chilled water lines for CRC studios 301 and 302.

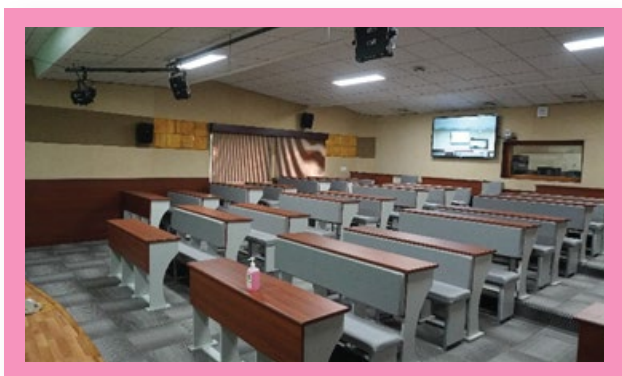
NPTEL studio after completion:



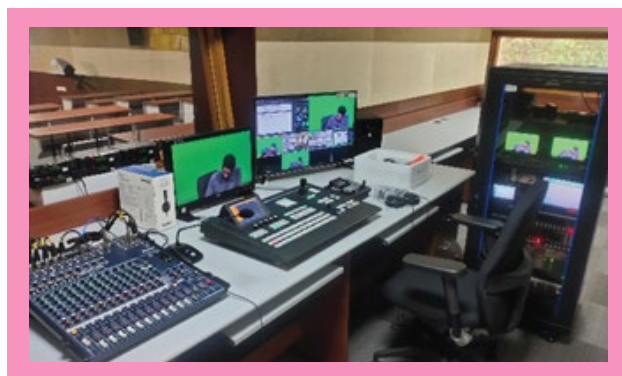
Inauguration of the NPTEL lecture series class room



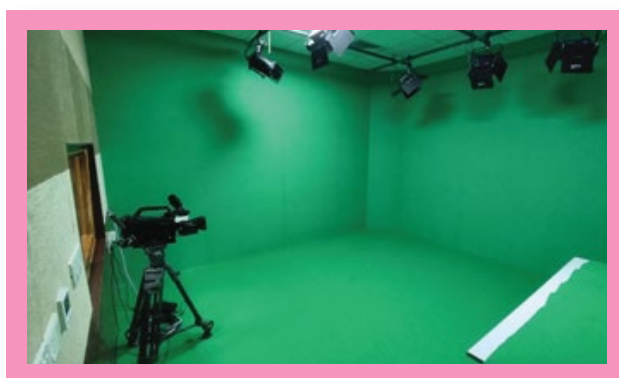
NPTEL online class room designed for lecture series



NPTEL Online Class Room



NPTEL Editing room



NPTEL Studio

Thank You !



Thank you for your sustained generosity to IIT Madras over the years. Contributors such as yourself enable our students and Professors to dream big and work towards a better and brighter future. We hope you are proud of your alma mater and how it has remained steadfastly committed to academic and research excellence during and after your time here. You and your family have been instrumental in facilitating this significant growth.

Our efforts to nurture the culture of academic excellence that is the hallmark of IIT Madras - quality education, cutting-edge research, and unfettered creativity - shall continue. We are privileged and humbled to have you and your family walking with us along this trail. We wish you and your family the best always in all walks of life!



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