Innovation Ecosystem

Institutions play a pivotal role in fostering innovation and cultivating a dynamic knowledge transfer ecosystem. Through dedicated initiatives, they serve as catalysts for the creation and dissemination of knowledge, propelling societal progress. These establishments, whether academic, research-oriented, or industry-focused, serve as breeding grounds for innovative ideas and breakthroughs.

Within this institution, collaborative research endeavors, incubators, and interdisciplinary programs stimulate the birth of novel concepts. By providing a nurturing environment, they encourage both theoretical exploration and practical application. Moreover, these entities act as bridges between academia and industry, facilitating the seamless transfer of knowledge and technological advancements.

Institutional initiatives, such as research grants, technology transfer offices, Institute Innovation Council activities and mentorship programs, further solidify the foundation for innovation. These endeavors not only spark inventive thinking but also ensure that groundbreaking discoveries find their way into real-world applications. Consequently, the cycle of knowledge creation, refinement, and dissemination becomes a driving force behind societal development.

In conclusion, institutions form the backbone of an innovation-driven ecosystem, fostering an environment where ideas flourish, and knowledge seamlessly transitions from conception to implementation. Through strategic initiatives, these entities become instrumental in shaping the landscape of progress and contributing to the collective advancement of society.

NPTEL

National Programme on Technology Enhanced Learning (***NPTEL***) is a project of MHRD initiated by seven Indian Institutes of Technology (**Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee**) along with the Indian Institute of Science, Bangalore in 2003, to provide quality education to anyone interested in learning from the IITs. The main goal was to create web and video courses in all major branches of engineering and physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level.

- ***HIGHLIGHTS***
  Largest online repository in the world of courses in engineering, basic sciences, and selected humanities and social sciences subjects.

- Online web portal http://nptel.ac.in – more than 471 million+ views
- Youtube channel for NPTEL – most subscribed educational channel, 1.5 million+ channel subscribers, 819 million+ views, 50000+ Video Hours.
- More than 54000+ hours of video content, transcribed with subtitles
- Most accessed library of peer-reviewed educational content in the world.

NPTEL Online Certification Courses

Since 2013, through an online portal, 4-, 8-, or 12-week online courses, typically on topics relevant to students in all years of higher education along with basic core courses in sciences and humanities with exposure to relevant tools and technologies, are being offered. The enrolment to and learning from these courses involves no cost. An in-person, proctored certification exam (optional) will be conducted at Rs. 1000/- per course and a certificate is provided through the participating institutions and industry, when applicable.

In NRI Institute of information Science and Technology, Many Students done certification from NPTL. There are some certificates attached here:



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MAHEE RAWAT

for successfully completing the course

Data Science for Engineers

with a consolidated score of **52** %

Online Assignments	21.33/25	Proctored Exam	30.62/75

Total number of candidates certified in this course: **1992**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam

Roll No: NPTEL23CS17S34280376

To validate the certificate

No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

GUNJAN DAMADE

for successfully completing the course

Data Science for Engineers

with a consolidated score of **58** %

Online Assignments	17.75/25	Proctored Exam	39.75/75

Total number of candidates certified in this course: **1992**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2023
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam

Roll No: NPTEL23CS17S34280234

To validate the certificate

No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ATUL KAWRE

for successfully completing the course

Python for Data Science

with a consolidated score of **49** %

Online Assignments	16.25/25	Proctored Exam	32.5/75

Total number of candidates certified in this course: **7596**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL23CS99S34870535 To verify the certificate No. of credits recommended: 1 or 2