



A Report on
"Online Workshop on NPTEL awareness"
25th June 2021

Introduction:

NPTEL is an initiative by the IITs (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras, and Roorkee) and IISc along with full financial support by MHRD. The main objective of the National Programme on Technology Enhanced Learning (NPTEL) is to enhance the quality of engineering and science education in the country by developing content for undergraduate and postgraduate curricula using video and web-based courses. These courses cover the syllabi prescribed by universities and approved by AICTE. The online workshop "NPTEL awareness" jointly organized by NPTEL, Indian Institute of Technology, Madras & Gandhinagar Institute of Technology on 25/06/2021 for all the students and faculties of GUJARAT.

Objective:

NPTEL is the largest, most viewed, and highly accessed educational repository in the world. This workshop aims to create awareness for the features of NPTEL Online Certification Courses among the teaching community of technical, management, and science. The workshop was conducted by the NPTEL Coordinators and Senior Professors from IIT Madras.

Program:

The online workshop has been conducted with the combination of Zoom platform and youtube live. The workshop was has been started with an introductory speech from SPOC of GIT NPTEL local chapter, Prof. Amit Patel. He has initiated his speech with a vision and mission of INDIA "शिक्षित भारत, उन्नत भारत". He has also shared an importance of NPTEL in terms of Indian knowledge economy. Prof. Nirav Joshi, Head of Mechanical Department, then blessed the audience by his words and also shared an achievement of GIT and NPTEL statistics. More than 1000 participants have attended the workshop online. Ms. Vaishali Bahl, Project engineer, IIT Kanpur, then took over to explain in detail about NPTEL, NPTEL Online certification courses, Domain Certification, FDP courses, and its importance, Mentoring, and Job oriented courses. She nicely explained the benefits of the NPTEL stars in terms of opportunities available in soft skills workshops and internships.

She then explained in detail what features and services does NPTEL provides to its course subscribers and to Institutes who join NPTEL and become a Local Chapter. NPTEL does not provide only video lectures in English, they also provide lecture notes, text lectures, audio lectures, and an upcoming feature of video lectures with subtitles in regional language.

The query has been answered during the session by online chat as well as at the end of the session many questions have been answered by Ms. Vaishali Bahl. In the end, Prof. Amit Patel concluded with thanks to each person who directly or indirectly a part of this event to make it



successful. He especially thanks the trustee of GIT and Director Dr. H N Shah for continuous support and motivation for such type of events.

Photo Gallery:



Brief about GIT activities by Prof. Nirav Joshi, Head of Mechanical Department, GIT

NPTEL Online Certification (NOC), since March 2014

Enroll and go through course on swayam.gov.in

Proctored Exam (Optional For Fee)

Certificate : E-verifiable From IITs & IIS

Statistics:

- 2467 (TILL DEC 2020) 505 (JAN 2021) COURSES OFFERINGS
- 1.24 CRORE+ ENROLLMENTS
- 11.24 LAKH + EXAM REGISTRATIONS
- E-VERIFIABLE CERTIFICATE FROM IITs & IISc

Process Flow:

- Enroll on Swayam
- Complete Course
- Proctored Exam (Optional For Fee)
- E-Verifiable Certificate from IITs & IISc

Ms. Vaishali Bahl presented the history and Statistics of NPTEL from the beginning



Scoring, Certification and Credits

- Final score calculation for certification
 - Online assignments: 25% + Proctored exam: 75%
- PASS CRITERIA: AVERAGE ASSIGNMENT SCORE $\geq 10/25$ AND EXAM SCORE $\geq 30/75$ AND FINAL SCORE ≥ 40**
- Types of certificates based on Final score
 - Elite + Gold certificate : $\geq 90\%$
 - Elite + Silver certificate : 75 - 89%
 - Elite certificate: $\geq 60\%$
 - Successful completion : 40 - 59%
 - No certificate < 40%
- Assignment Scores:
 - 4 weeks course: Best 3 out of 4 assignments
 - 8 weeks course: Best 6 out of 8 assignments
 - 12 weeks course: Best 8 out of 12 assignments

NPTEL Awareness workshop in association with Gandhinagar Institute of Technology, Gandhi Ngr Gujarat

Top chat

- Jahanvi Sogun what is the amount to be paid for a course?
- Jahanvi Sogun I lost the connection
- Rohan Savakar all courses are free
- Jahanvi Sogun thanks Rohan
- Doreswamy H S In Nptel Course, Some problems are very difficult to answer. Especially in Maths. Solution itself take more time. why?
- Rohan Savakar a proctored exam will be costing 1000, which is optional for a certificate
- HARSH JAIN does the silver/gold certificate have more weightage ?
- Alpana Gautam good morning sir
- LIB Engg whether it will be taught in a live mode or videos will be uploaded everyday
- kailash sinha good morning
- Rohan Savakar Videos are already uploaded
- Amit Patel

A glimpse of youtube live when Ms. Vaishali explained about the score, certifications, and Credit transfer of NPTEL courses

NPTEL DOMAIN CERTIFICATION

DOMAIN CERTIFICATE

WHY?

- Helps Prepare for Technical Competitions
- Better Career Prospects

WHAT?

- Certification in specific area in a Discipline

HOW?

- Complete a set of Core & Elective courses
- Minimum score for each course ≥ 60
- Courses to be

Speaker, Ms. Vaishali focusing on the domain certification process



Soft Skill Training - Type 1

- Step 1: Employability Assessment
- Step 2: Call with Group of 10
- Step 3: 1-1 Online Mock Interviews
- Give feedback to the students on areas for improvement.
- NPTEL certified candidates - preference to stars, toppers and LC students in tier 2 and 3 towns

Sr. No.	Soft Skill Training - Activities	No. of Participant
1	Employability Assessment	11,017
2	Online Interactive Group Session	1,610
3	HR Mock interview (one-on-one)	736
4	Spoken English Test	52

Internships for Toppers

Institute Name	2018		2019	
	Summer (Completed)	Winter (Completed)	Summer Completed	Winter Completed
IIT Madras	6	8	11	8
IIT Kharagpur	4	5	13	4
IIT Bombay	1	1	1	1
IIT Roorkee	1	-	1	1
IIT Ropar	0	9	8	1
IISc Bangalore	1	1	0	-
IIT Kanpur	0	2	4	1
IIT Tirupati	0	1	0	-
IIT Delhi			1	-
Total	13	27	39	16

2020: No progress
 2021: Number of faculty who have said Yes to accepting internships

The benefits of Soft skill training and Internships for the NPTEL learners explained by the Ms. Vaishali Bahl



Event conclusion by Prof. Amit Patel, SPOC of GIT-NPTEL local chapter