

**MET's Institute of Engineering  
Bhujbal Knowledge City, Adgaon, Nashik  
Department of Engineering Sciences & Mathematics**

**Name of the program:** Expert Lecture: "Empowering education: Harnessing NPTEL SWAYAM and Beyond"

**Date:** 26/11/2025 & 27/11/2025

**Time:** 12.00 to 1.00 pm

**Day:** Wednesday & Thursday

**Venue:** IOTP-Seminar Hall

**Activity Coordinator:** Prof. Jyotsana Gore & Prof. Archana Shirsat

**Resource Person:** Dr. Vijay More

**No. of Participants:** 750

**Objectives of Session:-**

1. To introduce students to national-level e-learning platforms.
2. To explain the registration process, course structure, and certification mechanisms.
3. To highlight the role of MOOCs in skill development, employability, and lifelong learning.
4. To motivate students to utilize online learning resources alongside regular coursework.

An expert lecture titled “**Empowering Education: Harnessing NPTEL, SWAYAM and Beyond**” was organized by **Department of engineering Sciences & Mathematics at METs Institute of Engineering Nashik** to create awareness about India’s rapidly evolving digital learning ecosystem. The session aimed to familiarize students and faculty with the benefits, structure, and academic value of MOOCs (Massive Open Online Courses), particularly those offered through NPTEL and SWAYAM—two flagship initiatives of the Ministry of Education. The Session was conducted by Dr. Vijay More faculty of computer department.

**Key Points Discussed**

**a) Overview of SWAYAM**

- SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) is a government-owned MOOC platform providing free access to high-quality courses from top institutions like IITs, IIMs, NITs, IGNOU, and more.
- Courses cover diverse fields such as engineering, humanities, management, law, social sciences, and vocational training.
- Learners can access lectures, quizzes, assignments, and discussion forums at no cost, with a nominal fee for certification.

**b) Introduction to NPTEL**

- NPTEL (National Programmed on Technology Enhanced Learning) is a joint initiative of IITs and IISc.
- It offers industry-oriented online courses and certifications, especially in engineering, sciences, and emerging technologies.
- The speaker emphasized NPTEL’s credibility among employers and its value in building strong conceptual foundations.

**c) Benefits of MOOCs for Students**

- Cost-effective quality learning from top institutions.
- Flexible learning modes—self-paced and weekly scheduled courses.
- Opportunities for up skilling in AI, data science, programming, management, language proficiency, and more.
- Enhanced employability through industry-supported courses and internships.
- Credit transfer facility as per UGC guidelines.

#### d) Demonstration Session

- How to create an account on SWAYAM/NPTEL.
- How to select suitable courses based on student interest and academic relevance.
- The process of submitting assignments and preparing for proctored examinations.
- Importance of consistency and time management for online learning success.

#### e) Beyond SWAYAM – Other Digital Learning Opportunities

- SWAYAM Prabha: 34 DTH channels delivering educational content 24/7.
- e-Vidyabharati and e-Arogya Bharati: Tele-education initiatives.
- National Digital Library of India (NDLI) for accessing digital books, journals, and research materials.
- Global platforms like Coursera, edX, and LinkedIn Learning for further enrichment.

#### f) Steps to Register for NPTEL Courses

##### 1. Visit the NPTEL Website

Go to the official website: <https://nptel.ac.in>

(You will be redirected to the SWAYAM-NPTEL course portal.)

##### 2. Click on “Courses”

Browse the list of ongoing or upcoming courses under different categories such as Engineering, Science, Humanities, Management, etc.

##### 3. Select Your Desired Course

Click on the course title to open the **course details page**, which includes:

- Course description
- Prerequisites
- Start and end dates
- Instructor details
- Syllabus
- Certification exam details

##### 4. Click on “Enroll Now”

You will find the **Enroll / Join** button on the course page. This will redirect you to the SWAYAM platform.

##### 5. Sign In / Create an Account

You can log in using:

- **Google account** (recommended)
- **Microsoft account**
- **Face book account**
- OR create a new SWAYAM account using email

##### 6. Fill in Your Profile Details

Before enrollment is confirmed, update:

- Name (must match your official ID for certification)
- Phone number
- Institution name
- Education details

##### 7. Confirm Enrollment

After updating the profile, click “**Join**” or “**Enroll**”.

You will now have access to:

- Video lectures
- Weekly assignments
- Reading material
- Discussion forums

### 8. Start Learning

Watch weekly videos, submit assignments before the deadline, and participate in discussions.

### 9. Register for the Final NPTEL Exam (Optional but Required for Certificate)

- Register separately for the proctored exam
- Pay a nominal exam fee
- Choose your exam date and center
- Write the exam and wait for results

### Conclusion

The expert lecture successfully highlighted how platforms like NPTEL and SWAYAM are redefining education in India by making high-quality learning accessible to all. The session encouraged participants to adopt a continuous learning mindset, utilize digital resources effectively, and prepare themselves for future challenges.

## DEPARTMENT OF ENGINEERING SCIENCES & MATHEMATICS

ORGANIZES

*Expert Lecture on*

**EMPOWERING  
EDUCATION:  
HARNESSING NPTEL,  
SWAYAM AND BEYOND**



**Dr. Vijay More**

**For Divisions: A, B, C, D, E, F**  
Date: 26/11/2025 (Wednesday)  
Time: 12.00 PM to 01.00 PM

**For Divisions: G, H, I, J, K, L**  
Date: 27/11/2025 (Thursday)  
Time: 12.00 PM to 01.00 PM

Venue: Seminar Hall, IOTP

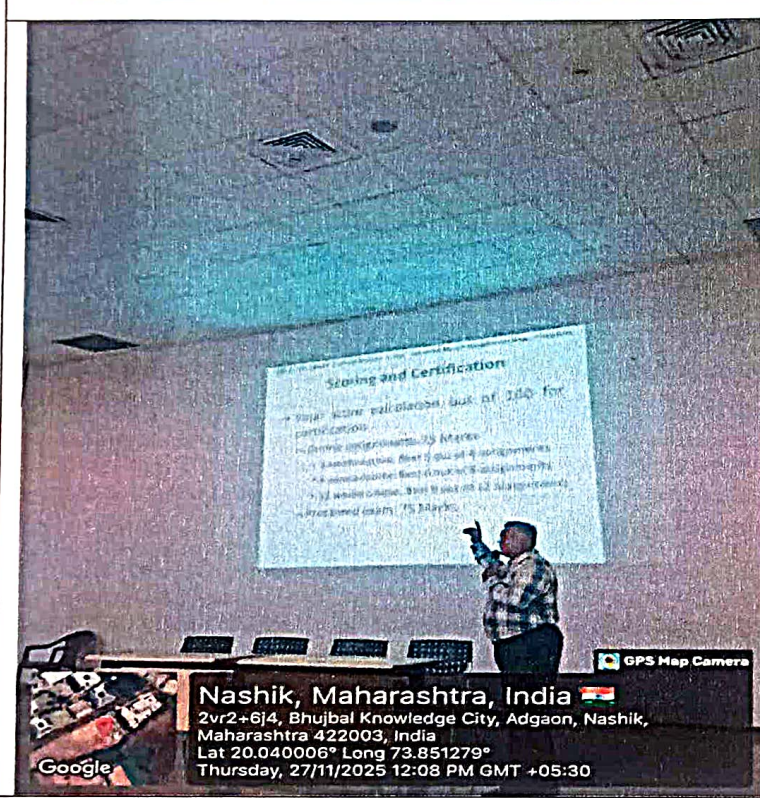


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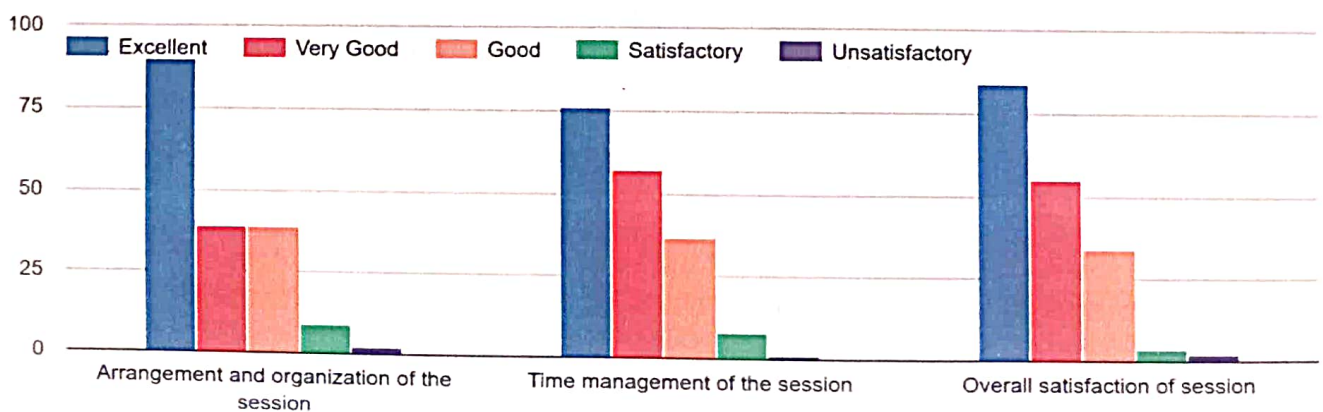


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Lat 20.041141° Long 73.850594°  
Thursday, 27/11/2025 12:04 PM GMT +05:30

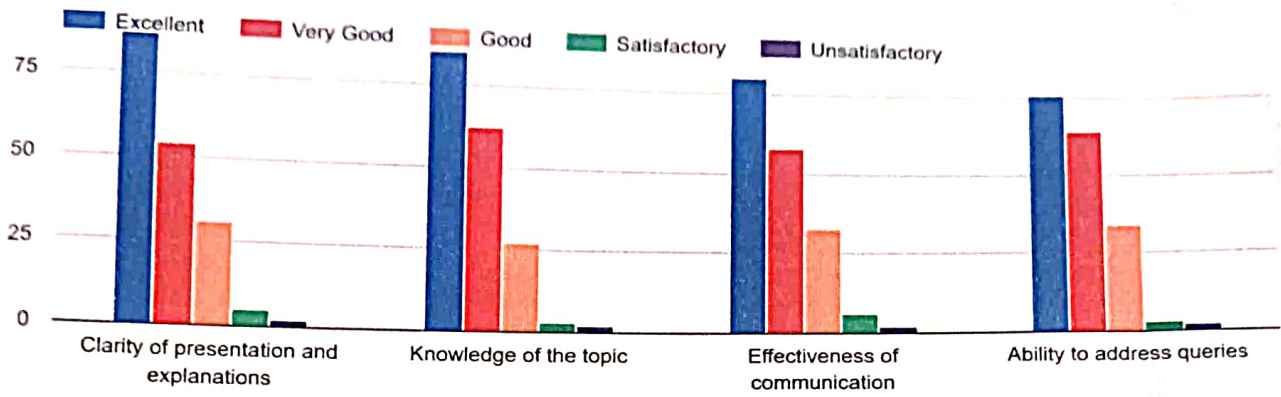


**Student's feedback:**

Please rate the quality of the following

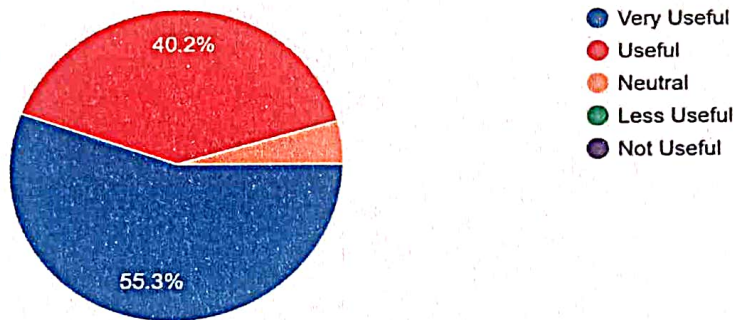


Please rate the quality of the following aspects of the speaker:



How useful was the session in understanding NPTEL, SWAYAM, and other e-learning platforms?

179 responses



Any suggestion for today's sessions:

- The NPTEL seminar was very informative and well-organized. It gave a clear introduction to online courses, registration process, and benefits for students. The session helped us understand how to access study materials and certificates, and motivated us to utilize NPTEL for learning beyond the college syllabus.
- Should show the difference between other online course and NPTEL course.

*Adhy*  
*Archana*  
**Prof. Jyotsana Gore &  
 Prof. Archana Shirsat  
 (Coordinator)**

*VSN*  
**Dr. V. S. Khairnar  
 (FE-Coordinator)**

*Vijay*  
**Dr. Vijaykumar P. Wani  
 (Principal)**