

## **Guidelines for NPTEL Course Registration**

### **Preamble**

To enhance the technical capabilities and promote self-directed learning among B.Tech students, it is **mandatory** for all students to complete **two NPTEL courses**, each with a **minimum duration of 8 weeks** and carrying **at least 2 credits**. This initiative is aligned with the National Education Policy (NEP) and carries the following objectives:

- Promote interdisciplinary knowledge beyond the prescribed curriculum.
- Provide access to high-quality content from leading academic institutions.
- Foster independent learning and support professional development.

These guidelines detail the eligibility criteria, course selection process, registration steps, completion requirements, and evaluation norms to ensure effective implementation of this initiative.

As per NEP recommendations, each of the two NPTEL courses carries **2 academic credits**.

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### **1. Eligibility and Course Selection**

- Applicable to all students enrolled in the B.Tech program.
- Students may choose **any two multidisciplinary technical NPTEL courses**, each of minimum 8 weeks duration, during their **5th to 7th semester**.

- Each course must carry **2 credits** and include a **final proctored examination**.
  - Courses should align with the student's academic and career objectives.
  - Students must ensure selected course exams do **not clash with internal or university assessments**.
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## **2. Registration Procedure (Department Level)**

1. Students must complete the **NPTEL Course Registration Form** and submit it to their **faculty mentor** for initial verification (**Refer Annexure I**).
  2. Approval from the **Head of the Department (HoD)** is **mandatory** (**Refer Annexure II**).
  3. Registration must be completed **before the NPTEL course begins** on the Swayam/NPTEL portal.
  4. Once approved, the student should register for the course on the NPTEL portal and pay the **prescribed examination fee**.
  5. The course must be actively completed, including **weekly lectures, assignments, and the final proctored examination**.
  6. A **minimum score of 40%** is required in both assignments and the final exam for successful course completion.
  7. Upon completion, the **NPTEL certificate** must be submitted to the department as proof.
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## **Annexure I**

### **Steps for Portal Registration on NPTEL**

✓ Register for **any 2 multidisciplinary technical courses** from the shared bucket list by the department (**Refer Annexure III**)

✓ Registration is **compulsory** (course must be **minimum 8 weeks**)

◇ *Portal Steps (Screenshots for the same are given below)*

✓ Say **YES** to “Are you part of a Local Chapter”

✓ Choose **RAIT** correctly from the dropdown

✓ Choose Profession:

• Students → *Student*

✓ Use the **same email ID** for:

• Course registration

• Exam registration

• Assignment submissions

**✗ Using different emails will lead to disqualification**

**Note:** For help, contact your department NPTEL coordinator/ Mentor.

**Follow the steps while registration for NPTEL course:**



1. **Select Course from the Bucket List given above and click to join. The first time you click "Join" on any course (or the first time in a session), it will redirect you to your Profile Page**

onlinecourses.swayam2.ac.in/imb25\_mg144/preview

About Swayam | All Courses | [amruta.chintawar@rait.ac.in](mailto:amruta.chintawar@rait.ac.in)

### A Basic Course in Machine Learning for All

By Sumitra Padmanabhan | uGDX School of Technology, ATLAS SkillTech University, Mumbai

**Join** — Learners enrolled: 2517

**CLICK**

Introduction : Basic Course in Machine Learning for all

Watch later Share

## A BASIC COURSE IN MACHINE LEARNING FOR ALL

Dr.Sumitra Padmanabhan  
Associate Professor  
uGDX, Atlas SkillTech University, Mumbai

Watch on YouTube

#### Summary

Course Status :	Upcoming
Course Type :	Core
Language for course content :	English
Duration :	8 weeks
Category :	Management Studies
Level :	Postgraduate
Start Date :	15 Jul 2025
End Date :	31 Oct 2025
Enrollment Ends :	31 Aug 2025

[https://onlinecourses.swayam2.ac.in/update\\_profile\\_and\\_register?user\\_email=amruta.chintawar@rait.ac.in&raw\\_slug=/imb25\\_mg144](https://onlinecourses.swayam2.ac.in/update_profile_and_register?user_email=amruta.chintawar@rait.ac.in&raw_slug=/imb25_mg144)

## 2. Enter Personal Details for Registration on your profile page

onlinecourses.swayam2.ac.in/signup?user\_email=amruta.chintawar@rait.ac.in&raw\_slug=/imb25\_mg144&origin=%2Fimb25\_mg144%2Fregister...

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City/District \* Thane

Profession \*

Highest Qualification Pursuing/Pursued \*

Year of Graduation \*

Academic Bank of Credits (APAR/ABC ID) \*

For more details [Click here](#)

☐ I agree to SWAYAM [Terms of Service](#).

☐ I agree to follow the [Honor Code](#).

We've updated our form, please ensure all the required fields have been filled properly to activate the "Save" button.

**SAVE** **CANCEL**

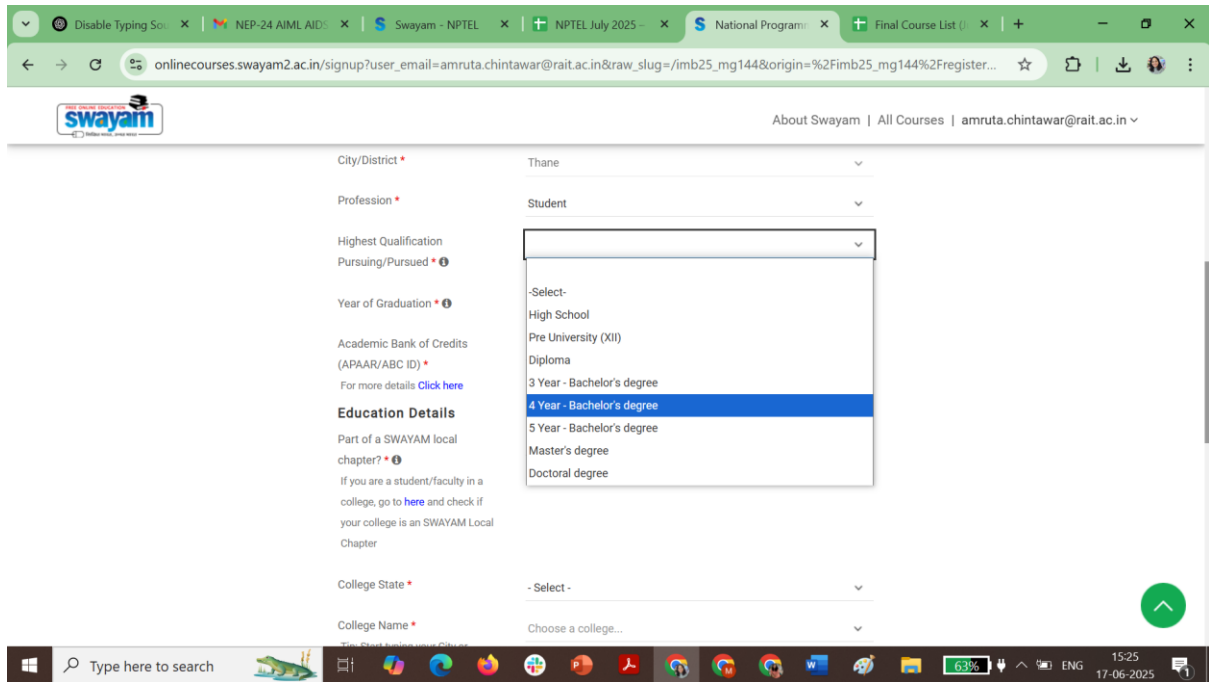
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onlinecourses.swayam2.ac.in/signup?user\_email=amruta.chintawar@rait.ac.in&raw\_slug=/imb25\_mg144&origin=%2Fimb25\_mg144%2Fregister...

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City/District \* Thane

Profession \* Student

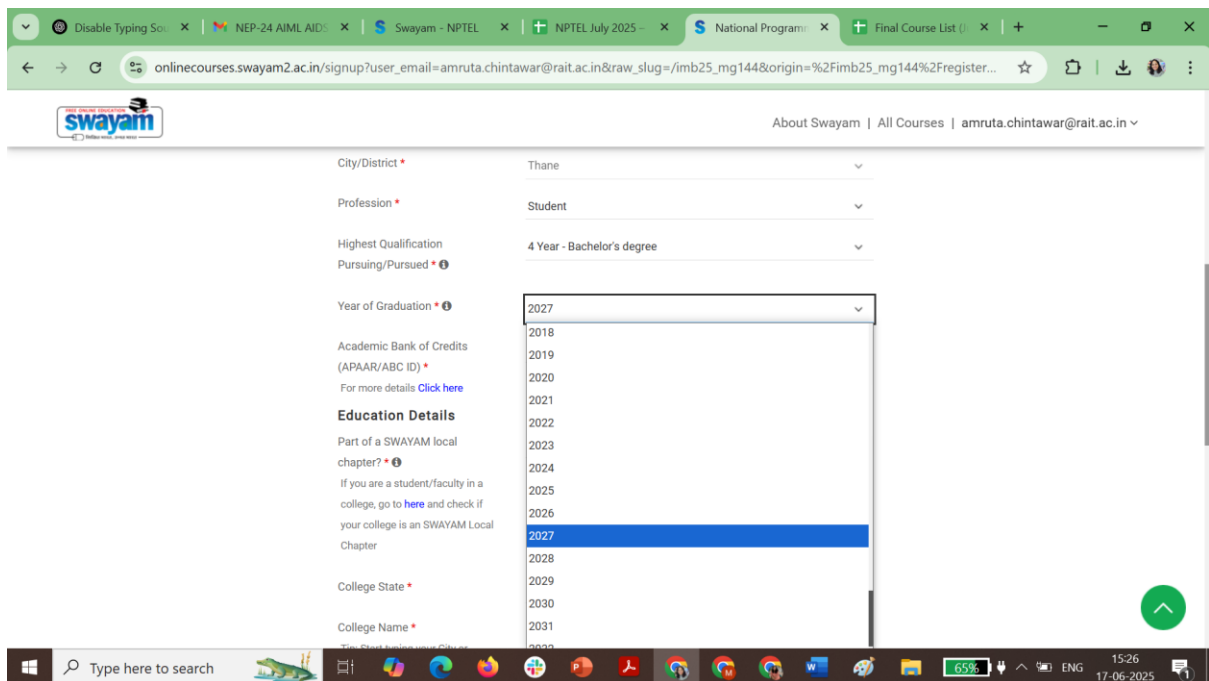
Highest Qualification Pursuing/Pursued \*  
-Select-  
High School  
Pre University (XII)  
Diploma  
3 Year - Bachelor's degree  
**4 Year - Bachelor's degree**  
5 Year - Bachelor's degree  
Master's degree  
Doctoral degree

Year of Graduation \*  
Academic Bank of Credits (APAR/ABC ID) \*  
For more details [Click here](#)

**Education Details**  
Part of a SWAYAM local chapter? \*  
If you are a student/faculty in a college, go to [here](#) and check if your college is an SWAYAM Local Chapter

College State \* - Select -

College Name \* Choose a college...



onlinecourses.swayam2.ac.in/signup?user\_email=amruta.chintawar@rait.ac.in&raw\_slug=/imb25\_mg144&origin=%2Fimb25\_mg144%2Fregister...

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City/District \* Thane

Profession \* Student

Highest Qualification Pursuing/Pursued \* 4 Year - Bachelor's degree

Year of Graduation \*  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025  
2026  
**2027**  
2028  
2029  
2030  
2031  
2032

Academic Bank of Credits (APAR/ABC ID) \*  
For more details [Click here](#)

**Education Details**  
Part of a SWAYAM local chapter? \*  
If you are a student/faculty in a college, go to [here](#) and check if your college is an SWAYAM Local Chapter

College State \*

College Name \*

### 3. Enter Correct ABC ID

onlinecourses.swayam2.ac.in/signup?user\_email=amruta.chintawar@rait.ac.in&raw\_slug=/imb25\_mg144&origin=%2Fimb25\_mg144%2Fregister...

About Swayam | All Courses | amruta.chintawar@rait.ac.in

City/District \* Thane

Profession \* Student

Highest Qualification Pursuing/Pursued \* 4 Year - Bachelor's degree

Year of Graduation \* 2027

Academic Bank of Credits (APAAR/ABC ID) \*  
For more details [Click here](#)

**Education Details**  
Part of a SWAYAM local chapter? \*  
If you are a student/faculty in a college, go to [here](#) and check if your college is an SWAYAM Local Chapter

College State \* - Select -

College Name \* Choose a college...

I have APAAR/ABC ID  
I don't have APAAR/ABC ID  
Do not need APAAR/ABC ID

#### 4. Select Part of a SWAYAM local chapter (select **YES**)

onlinecourses.swayam2.ac.in/signup?user\_email=amruta.chintawar@rait.ac.in&raw\_slug=/imb25\_mg144&origin=%2Fimb25\_mg144%2Fregister...

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Academic Bank of Credits (APAAR/ABC ID) \*  
For more details [Click here](#)  
Enter APAAR/ABC ID \* Enter 12 digit APAAR/ABC ID number

**Education Details**  
Part of a SWAYAM local chapter? \*  
If you are a student/faculty in a college, go to [here](#) and check if your college is an SWAYAM Local Chapter

College State \* - Select -

College Name \* Choose a college...  
Tip: Start typing your City or College name for automatic filtering

University Name \* Choose a University...  
Tip: Start typing your University

Yes  
No

#### 5. Select College Name (select **Ramrao Adik Institute of Technology, MAHARASHTRA(1284)**)

The screenshot shows the Swayam NPTEL registration form. The 'Local Chapter State' is set to 'Maharashtra'. The 'College Name' dropdown is open, showing 'RAMRAO ADIK INSTITUTE OF TECHNOLOGY, Mumbai, MAHARASHTRA (1284)' as the selected option. The 'University Name' dropdown is also open, showing 'Choose a university...'. The 'College/School Roll No.', 'Degree', 'Department', and 'Study Year' fields are currently empty. At the bottom, there are checkboxes for 'I agree to SWAYAM Terms of Service' and 'I agree to follow the Honor Code'. A green arrow button is visible on the right side of the form.

## 6. Select appropriate educational details

The screenshot shows the Swayam NPTEL registration form with the 'Degree' dropdown menu open. The dropdown list includes options such as 'BTECH', 'ME', 'MTech', 'MS', 'PhD', 'Medical', 'Dental', 'Arts and Humanities', 'Commerce and Management', 'Science', and 'Others'. The 'Degree' field is currently set to '- Select -'. The 'Department' and 'Study Year' fields are also set to '- Select -'. At the bottom, there are checkboxes for 'I agree to SWAYAM Terms of Service' and 'I agree to follow the Honor Code'. A red message states: 'We've updated our form, please ensure all the required fields have been filled properly to activate the "Save" button.' Below this message are 'SAVE' and 'CANCEL' buttons. A green arrow button is visible on the right side of the form.

College name for automatic filtering

University Name \*  
Tip: Start typing your University name for automatic filtering

College/School Roll No. \*

Degree \*  
BTech

Department \*  
-Select-

Study Year \*  
-Select-  
-Select-  
1st Year  
2nd Year  
3rd Year  
4th Year  
5th Year  
6th Year or Later  
Not Applicable

☐ I agree to SWAYAM Terms of Service  
☐ I agree to follow the Honor Code

We've updated our form, please ensure all the required fields have been filled properly to activate the "Save" button.

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## 7. Save

- ☒ I agree to SWAYAM Terms of Service.
- ☒ I agree to follow the Honor Code.

We've updated our form, please ensure all the required fields have been filled properly to activate the "Save" button.

SAVE

CANCEL



## **Annexure II**

### **Approval Form for NPTEL Course**

**Semester:**

**Academic Year:**

<b>USN of Student:</b>	
<b>Roll No.:</b>	
<b>Name of Student:</b>	
<b>Branch:</b>	
<b>Division:</b>	
<b>Current year and Semester studying:</b>	
<b>Semester in which NPTEL course opted:</b>	
<b>Name of NPTEL Course:</b>	
<b>Course Code:</b>	
<b>Offering Institute:</b>	
<b>Course Duration(Weeks):</b>	
<b>Number of Credits:</b>	
<b>Reason for Course Selection:</b>	
<b>Start Date:</b>	
<b>End Date:</b>	

**Student Signature**

**Verified by Mentor**

**Approved by HOD**

### **Annexure III**

#### **List of the NPTEL Courses for CE/CSE/IT/EC/EI Department**

<b>Sr. No</b>	<b>Course</b>	<b>Course Name</b>	<b>Course Link</b>
<b>1</b>	<b>NPTEL Course 1</b>	Design, Technology and Innovation	<a href="https://onlinecourses.nptel.ac.in/noc25_de19/preview">https://onlinecourses.nptel.ac.in/noc25_de19/preview</a>
<b>2</b>		Soft Skill Development	<a href="https://onlinecourses.nptel.ac.in/noc25_hs142/preview">https://onlinecourses.nptel.ac.in/noc25_hs142/preview</a>
<b>3</b>			
<b>4</b>		Engineering Psychology	<a href="https://onlinecourses.nptel.ac.in/noc25_hs196/preview">https://onlinecourses.nptel.ac.in/noc25_hs196/preview</a>
		Business Marketing - Technology Focus	<a href="https://onlinecourses.nptel.ac.in/noc25_mg120/preview">https://onlinecourses.nptel.ac.in/noc25_mg120/preview</a>
<b>5</b>		The Science of Happiness and Wellbeing	<a href="https://onlinecourses.nptel.ac.in/noc25_hs141/preview">https://onlinecourses.nptel.ac.in/noc25_hs141/preview</a>
<b>1</b>	<b>NPTEL Course 2</b>	Business Analytics & Text Mining Modeling using Python	<a href="https://onlinecourses.nptel.ac.in/noc25_mg88/preview">https://onlinecourses.nptel.ac.in/noc25_mg88/preview</a>
<b>2</b>		Descriptive Statistics with R Software	<a href="https://onlinecourses.nptel.ac.in/noc25_mg158/preview">https://onlinecourses.nptel.ac.in/noc25_mg158/preview</a>
<b>3</b>		Project Planning & Control	<a href="https://onlinecourses.nptel.ac.in/noc25_ce91/preview">https://onlinecourses.nptel.ac.in/noc25_ce91/preview</a>
<b>4</b>		Machine Learning for Earth System Sciences	<a href="https://onlinecourses.nptel.ac.in/noc25_cs157/preview">https://onlinecourses.nptel.ac.in/noc25_cs157/preview</a>
<b>5</b>		Knowledge Management	<a href="https://onlinecourses.nptel.ac.in/noc25_mg148/preview">https://onlinecourses.nptel.ac.in/noc25_mg148/preview</a>