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**.

---

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**.

RAMRAO ADIK INSTITUTE OF TECHNOLOGY

D. Y. PATIL VIDYANAGAR, SECTOR – 7, NERUL, NAVI MUMBAI – 400706.

WEBSITE: www.dypatil.edu/schools/rait

- 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**.

---

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.

RAMRAO ADIK INSTITUTE OF TECHNOLOGY

D. Y. PATIL VIDYANAGAR, SECTOR – 7, NERUL, NAVI MUMBAI – 400706.

WEBSITE: www.dypatil.edu/schools/rait

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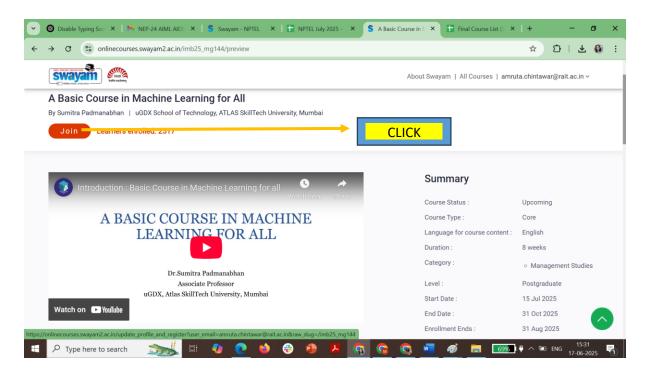
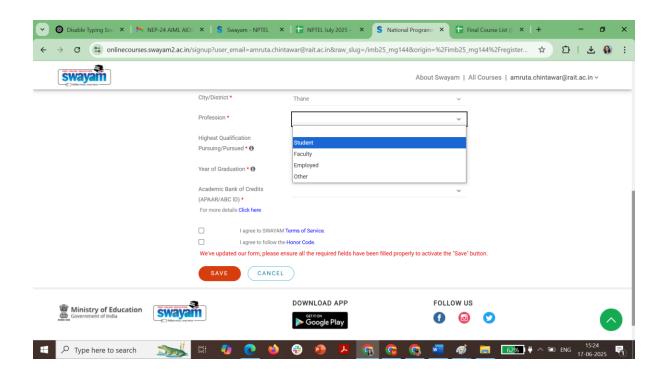**Follow the steps while registration for NPTEL course:**

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**

RAMRAO ADIK INSTITUTE OF TECHNOLOGY

D. Y. PATIL VIDYANAGAR, SECTOR – 7, NERUL, NAVI MUMBAI – 400706.

WEBSITE: www.dypatil.edu/schools/rait

2. Enter Personal Details for Registration on your profile page

RAMRAO ADIK INSTITUTE OF TECHNOLOGY

D. Y. PATIL VIDYANAGAR, SECTOR – 7, NERUL, NAVI MUMBAI – 400706.

WEBSITE: www.dypatil.edu/schools/rait

3. Enter Correct ABC ID

RAMRAO ADIK INSTITUTE OF TECHNOLOGY
D. Y. PATIL VIDYANAGAR, SECTOR – 7, NERUL, NAVI MUMBAI – 400706.
WEBSITE: www.dypatil.edu/schools/rait

D Y PATIL
DEEMED TO BE
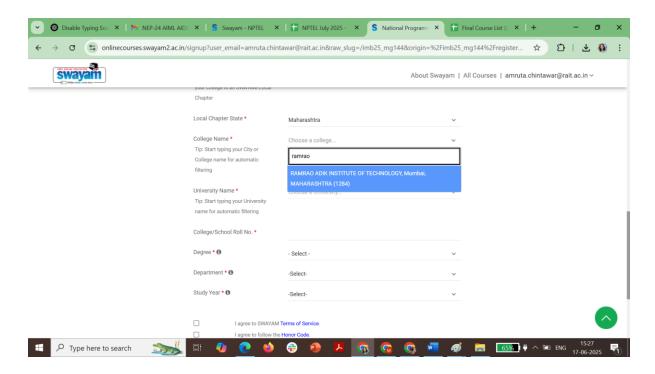UNIVERSITY
—RAMRAO ADIK—
INSTITUTE OF TECHNOLOGY
NAVI MUMBAI

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

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

6. Select appropriate educational details

7. **Save**

D Y PATIL
DEEMED TO BE
UNIVERSITY
—RAMRAO ADIK—
INSTITUTE OF TECHNOLOGY
NAVI MUMBAI

Annexure II

Approval Form for NPTEL Course

Semester: **Academic Year:**

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

Student Signature   **Verified by Mentor**   **Approved by HOD**

Annexure III

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

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