



PRIYADARSHINI ENGINEERING COLLEGE-VANIYAMBADI

(Approved by AICTE, New Delhi and Permanently Affiliated to Anna University, Chennai)
Chettiyappanur, Vaniyambadi, Vellore District, Tamil Nadu - 635751



NPTEL LOCAL CHAPTER

Local Chapter is an initiative taken by the project NPTEL to encourage students across the country and ensure that online education reaches everybody. Local Chapter is a simple process a faculty of the college would be our single point of contact (SPOC). NPTEL team keeps the SPOC updated about all the latest NPTEL initiatives and information which he can disseminate among the students.

PRIYADARSHINI ENGINEERING COLLEGE - NPTEL Local Chapter

NPTEL has accepted the request to host a NPTEL Local Chapter in PRIYADARSHINI ENGINEERING COLLEGE and PEC students are engaged in online course since 2015. This is a joint initiative by seven IITs and IISc Bangalore.



PEC – NPTEL LC SPOC : Dr.M.Umadevi M.E., Ph.D.
Professor / ECE.

Main objective of NPTEL

The main objective of NPTEL is to make learning material available to students of engineering institutions through easier means. The broad aim of the project is to facilitate the competitiveness of Indian industry in the global markets through improving the quality and reach of engineering.

Impact of NPTEL

NPTEL contents are being used by various educational institutions as part of their teaching-learning process. While faculty members are using these contents as part of their lesson plan to teach university curriculum, students are using NPTEL not only to prepare for technical jobs and competitive exams, but also as a platform for constant learning and updating knowledge for the ever-changing environment and market realities. NPTEL contents are designed such that they enhance and complement students' residential learning experience at their given institutions.

GATE Preparation using NPTEL Material

GATE is IIT's competitive entrance exam for Master's and Doctoral programs across India. NPTEL provides GATE question papers and mock tests on its official website npTEL.ac.in. Previous 3 year question papers with reference to NPTEL content are available. Practice tests (without solution) are also available for students that mimic the actual online exam pattern.

Role of SPOC (SINGLE POINT OF CONTACT)

- Brand ambassador of NPTEL in the college
- Identify faculty members who can act as mentors for the enrolled students
- Encourage students to enroll in these courses.
- Ensure NPTEL content at college is up to date
- Aid students in exam registration
- Make available facilities for students to access online courses

Certificates for SPOCs

- SPOCs of the Local Chapters will get certificates with some kind of badge that also mentions the rating of the Local Chapter.
- SPOCs of "Active local chapters" will get recognition certificates too.

Role of Mentors

- Faculty members who teach the course or in relevant discipline can be a mentor
- Should enroll to the course
- Can mentor only 2 courses maximum
- No minimum number of students to be a mentor; Maximum ratio of 1:50
- Students have to select the mentor on the portal
- Mentors can see the assignment scores of mentees
- Can help with explaining gaps in concepts taught
- Give more practice assignments
- Facilitate resources for viewing the lectures

Certificates for mentors

- Based on performance of mentees, certificates are awarded
- For the September exams, 353/765 mentors get certificates
- For the October exams, 42/145 mentors get certificates

Benefits to students of Local Chapter

- Have access to 1000+ courses of NPTEL –view, download and copy
- Get information about upcoming courses
- If a mentor is available, get help when required
- Be eligible for scholarship and avail DD payment
- Use college infrastructure for course access
- Be motivated by fellow students, group work