

NPTEL - MOOC



KARPAGA VINAYAGA

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

GST Road, ChinnaKolambakkam – 603 308, Chengalpattu Dt. Tamilnadu.

NPTEL / MOOC's Online Certification Course

Name of Local Chapter: Karpaga Vinayaga College of Engineering and Technology

Name of the Single Point of Contact: Dr. D. Saravanan

Objectives/Outcomes:

1. Enabling students to obtain certificates to make students employable in the industry or pursue a higher education program.
2. Relevant exposure to tools and technologies are being offered.

Concept:

The National Program on Technology Enhanced Learning (NPTEL) has initiated certification courses offered on the model of MOOCs on its online courses portal. Through an online portal, online courses are being offered. These courses are typically on topics relevant to students along with basic core courses in sciences and humanities. The enrollment to and learning from these courses involves no cost. Following the online courses, an in-person, proctored certification examination is conducted and a certificate is provided through the participating institutions.

The Practice:

1. SPOC attends NPTEL workshops, visits IIT and learn process and job responsibilities
2. SPOC requests HOD's to appoint faculty as MOOC coordinator from each department
3. Meeting of MOOC coordinators
4. SPOC inform about new courses or any procedural changes to MOOC team
5. SPOC displays brochures on notice boards if provided by NPTEL
6. SPOC publicize the courses amongst the students and faculties and inform them about the courses being offered currently
7. SPOC along with the team encourage students and faculties to enroll in the courses before the last enrolment date
8. Departmental coordinators maintain a record of students and faculty enrolment details
9. SPOC is in continuous touch with IIT's, departments coordinators and students
10. SPOC keeps a track on number of enrolments and trouble shoots problems

11. SPOC recommends scholarship to deserving candidates
12. SPOC appoints mentors for MOOC
13. SPOC along with coordinators encourage students to appear for exam
14. Declaration of results

Resources Available:

Internet: A high speed internet and computers are available to access or download the videos.

Official Website NPTEL: <http://onlinecourses.nptel.ac.in>

The screenshot displays the NPTEL online courses dashboard. The main content area is titled 'Active Courses for Karpaga Vinayaga College of Engineering and Technology on this node (college)'. It features a table with the following data:

Course ID	Course Name	NC Name	Total registrations: 100		Total members: 70	
			Students	Faculty	Students	Faculty
inoc22_te12	Science and Technology of Weft and Warp Knitting	NPTEL	0	0	0	0
inoc22_te11	Textile Finishing	NPTEL	0	0	0	0
inoc22_te10	Science of Clothing Comfort	NPTEL	0	0	0	0
inoc22_te09	Technical Textiles	NPTEL	0	0	0	0
inoc22_te08	Yarn manufacture I - Principle of Carding and Drawing	NPTEL	0	0	0	0
inoc22_te07	Principles of Combing, Roving preparation & Ring spinning	NPTEL	0	0	0	0
inoc22_te06	Textile Product Design and Development	NPTEL	0	0	0	0
inoc22_te05	Textured Yarn Technology	NPTEL	0	0	0	0
inoc22_te03	Theory of Yarn Structure	NPTEL	0	0	0	0
inoc22_te02	Testing of Functional and Technical Textiles	NPTEL	0	0	0	0
inoc22_te01	Evaluation of Textiles Materials	NPTEL	0	0	0	0

The dashboard also includes a sidebar with navigation options: Courses, Create, Settings, Publish, Manage, Admin Settings, Help, Programming Assignments, Course Staff, National Coordinator, and Reports. A 'Download CSV dump' button is located at the top right of the table area.