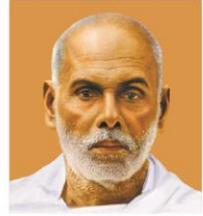


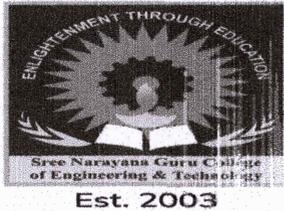


# **Sree Narayana Guru College of Engineering & Technology**

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**DETAILS OF INFOGRAPHICS, ONLINE LECTURES,  
INSTRUCTIONAL MATERIALS, VIDEOS AND WEB-BASED  
ACTIVITIES**



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## DETAILS OF INFOGRAPHICS OF MOODLE ACCESS

Extended Learning @ SNGCET Admin User

**Dashboard**

- Site home
- Calendar
- Private files
- My courses
- Placement@SNGCET
- 2019-2023-CS-S3-CSL201
- 2019-2023-CS-S3-CST201
- 2020-2024-CE-ME-S2-EST102
- 2020-2024-CS-EC-EE-S2-EST102
- Site administration

In progress Future Past

Placement@SNGCET Placement Activities

2019-2023-CS-S3-CSL201 DATA STRUCTURES LAB

2019-2023-CS-S3-CST201 DATA STRUCTURES

2020-2024-CE-ME-S2-EST102 PROGRAMMING IN C

2020-2024-CS-EC-EE-S2-EST102 PROGRAMMING IN C

Manage private files...

**ONLINE USERS**  
(last 5 minutes: 1)  
Admin User

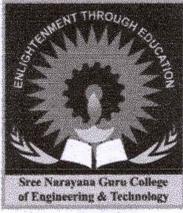
**LATEST BADGES**  
You have no badges to display

**CALENDAR**  
April 2024

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

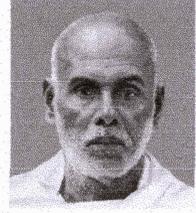
**UPCOMING EVENTS**  
There are no upcoming events  
Go to calendar...  
New event...

**Dr. LEENA A V**  
PRINCIPAL  
SREE NARAYANA GURU COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PAYYANUR, KANNUR



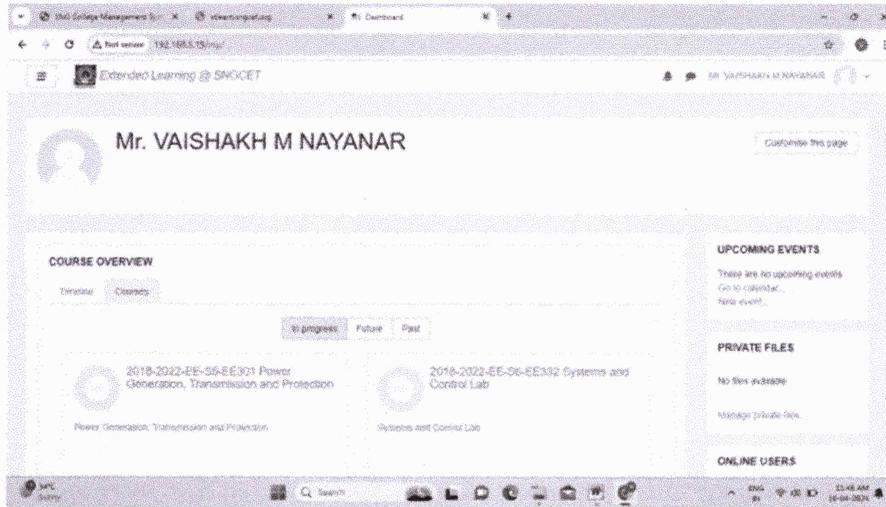
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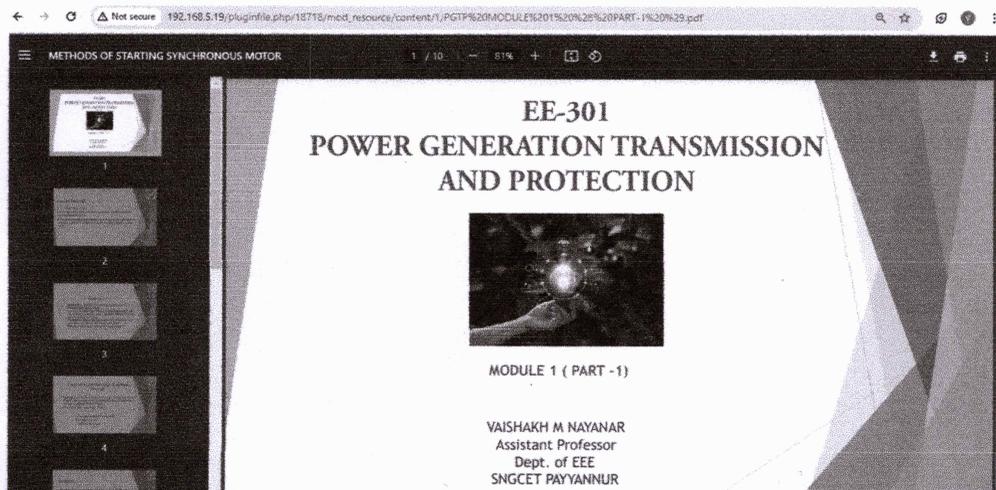


## Details of online lectures, Instructional materials, Videos and web based activities

### 1. Home page of moodle for a faculty

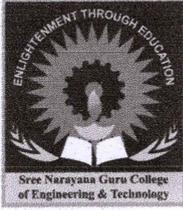


### 2. Online lectures, Instructional materials



Teaching materials

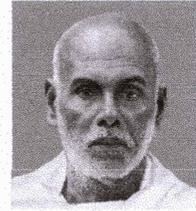
*Leena*  
**Dr. LEENA A V**  
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PAYYANUR, KANNUR



Est. 2003

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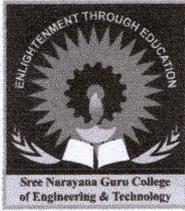


The screenshot shows a web browser window with the following details:

- Browser tabs: SNG College Management Syst, xlearn.sngcet.org, Course: Power Generation, Tra
- Address bar: Not secure 192.168.5.19/course/view.php?id=401
- Page title: Extended Learning @ SNGCET
- User profile: Mr. VAISHAKH M NAYANAR
- Course title: Power Generation, Transmission and Protection
- Dashboard path: Dashboard / My courses / 2018-2022-EE-S6-EE301
- Section title: INTRODUCTION TO POWER GENERATION TRANSMISSION AND PROTECTION
- Progress indicator: Your progress
- Main objective: Main objective of this course is to set a foundation on the fundamental concepts of Power System Generation, Transmission, Distribution and Protection
- Learning outcomes: After going through the lesson you shall get a broad idea of the following:
  1. Different methods of generating electrical power.
  2. Different aspects of power transmission system
  3. Electrical Power distribution systems
  4. Protective devices
  5. Introduction to flexible alternating current transmission systems
- Course content: Power Generation-conventional-hydrothermal, nuclear - non conventional solar and wind-economics of power generation-Power factor Improvement-Power transmission -line parameters -resistance-inductance and capacitance- Transmission line modelling- classifications -short line, medium line, long line-transmission line as two port network-parameters- derivation -power flow through lines- Overhead lines-types of conductors-volume of conductors- Kelvin's law- Types of Towers-calculation of Sag and tension-insulators- types -corona-underground cables-H V DC transmission-Flexible A C transmission-power Distribution system-need for protection-circuit breakers-protective relay types -Types of protection causes of over voltages -insulation coordination
- System tray: 34°C Sunny, Search, ENG IN, 11:47 AM 16-04-2024

Teaching materials

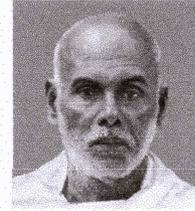
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## 3. Web based activities

The screenshot shows a web browser window with the URL [192.168.5.19/course/view.php?id=401](http://192.168.5.19/course/view.php?id=401). The page title is "Extended Learning @ SNGCET". The user is logged in as "Mr. VAISHAKH M NAYANAR". The page displays a list of course materials and announcements:

- Announcements
- Hidden from students
- Previous Year Question Papers\_11/09/2020
- PGTP SYLLABUS\_11/09/2020
- SERIES 1\_12-10-2020
- Available from 12 October 2020, 10:00 AM
- SERIES TEST-2\_25-11-2020
- Available from 25 November 2020, 10:00 AM
- INTERNAL 1 QP WITH CO\_12-10-2020
- Hidden from students
- INTERNAL 1 SCHEME\_12-10-2020
- Hidden from students
- INTERNAL II QP WITH CO\_25-11-2020
- Hidden from students
- INTERNAL II SCHEME\_25-11-2020
- Hidden from students
- Tutorials conducted with scheme of evaluation
- Hidden from students

The screenshot shows the "Extended Learning @ SNGCET" portal with the user "Mr. VAISHAKH M NAYANAR". The page displays the content of "MODULE 1":

### MODULE 1

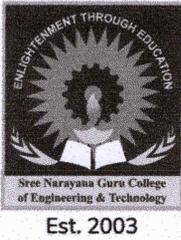
Introduction: Typical layout of Power system Network  
Generation of Electric Power:  
Overview of conventional (Hydro, Thermal and Nuclear) and Nonconventional Sources (Solar and Wind) (Block Diagram and Brief Description Only)  
Economics of Generation: Load factor, diversity factor, Load curve (Brief description only) Numerical Problems  
Methods of power factor improvement using capacitors

- Video-Introduction to typical layout of electrical power system\_11/09/2020
- Note-Typical layout of electrical power system\_11/09/2020
- Video-Electrical Energy and Resources\_15-09-2020
- Note-Electrical energy and Resources\_15-09-2020
- Video-Electrical generation-Hydro Electric plant\_15-09-2020
- Note-Electrical generation- Hydro electric plant\_15-09-2020
- Note-Hydro electric power plant notes\_15-09-2020
- Video-steam and nuclear power stations\_16-09-2020
- Note-steam and nuclear power stations\_notes\_16-09-2020

Web based activities

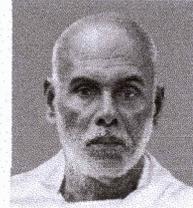
*Leena*

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## 4. Videos

**String, Character Arrays**

SNGCET SYSTEM\_ADMIN  
40 subscribers

157 views 2 years ago

- Python for Beginners - Learn Python in 1 Hour  
Programming with Most  
16M views · 3 years ago
- Machine Learning for Everybody - Full Course  
freeCodeCamp.org  
4.5M views · 1 year ago
- Web Design for Beginners - Full Course (2024)  
Flux Academy  
778K views · 2 months ago
- Data Analytics for Beginners | Data Analytics Training | DataCamp  
Infalipast  
1M views · Streamed 2 years ago
- Tally Prime full course | Tally Prime tutorial| all parts step by step  
Accountants Club  
5M views · 2 years ago
- Microsoft Excel 2021/365 Tutorial: 3.5+ Hours of...  
Simon Sez IT  
1.4M views · 1 year ago
- How to create Ultimate Excel Gantt Chart for Project Management - by The Office Lab  
The Office Lab  
2.3M views · 2 years ago

*Leena*

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