



AEEE - ONLINE GUEST LECTURE - INVITATION - reg

1 message

HOD EEE <hodee@svce.ac.in>

Wed, 24 Nov 2021 at 10:21 am

To: adi.svce@gmail.com, x18adithiya@iima.ac.in

Cc: SANKAR M EEE <msankar@svce.ac.in>, Dr. S. Kumaravel EEE <kumaravel@svce.ac.in>

Dear Mr.Adithiya Sreenivasan,

I invite you to present the ONLINE guest lecture on the topic "Project Management in Power Transmission and Distribution" on 24/11/2021 (Wednesday) from 6:00 PM to 7.00 PM.

The Google Meet link to join the event is:

<https://meet.google.com/qpv-ujts-ado>

A copy of the invitation is attached.

Looking forward to your interaction with our students.

Thanks & Regards,

Dr.KR.Santha,

Vice Principal & HOD/EEE

SVCE

ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS
PRESENTS

GUEST LECTURE ON

PROJECT MANAGEMENT IN POWER TRANSMISSION AND DISTRIBUTION



SPEAKER

Mr. ADITHIYA SREENIVASAN NAGARAJAN
ASSISTANT VICE PRESIDENT,
ANALYTICS AND INSIGHTS,
ACCENTURE



CONVENOR

Dr.KR.Santha, Vice-Principal,
Professor & Head of Dept,
Department of EEE

CO-ORDINATORS

Dr.S.Kumaravel, Asst. Professor
Dr.M.Sankar, Asst. Professor
Department of EEE

STUDENT CO-ORDINATORS

Mr.Adithyan M, General Secretary-AEEE
Mr.Hemanth T, Joint Secretary-AEEE

24 NOV
2021
6.00 PM TO 7.00 PM



**SCAN TO
JOIN THE
MEETING**



Sri Venkateswara College of Engineering
(An Autonomous Institution - Affiliated to Anna University)
Department of Electrical & Electronics Engineering

24/11/2021

Guest Lecture Report

Title: Project Management in Power Transmission and Distribution

Guest speaker: Mr. Adithiya Sreenivasan Nagarajan

The guest lecture on “Project Management in Power Transmission and Distribution” presented by Mr. Adithiya Sreenivasan Nagarajan was held on 24th Nov 2021. The event was organised virtually through Google Meet. The event commenced at 6:00 in the evening and lasted for an hour. A total of 99 student (III, V & VII semester) and faculty members attended the guest lecture.

The event started with prayer song followed by the welcome address by Dr. Sudhakar K Bharatan AHOD/EEE who inspired the participants by his brief introductory speech on significance of attending the guest lectures.

The guest speaker Mr. Adithiya Sreenivasan Nagarajan is Assistant Vice President, Analytics and Insights at ACCENTURE.

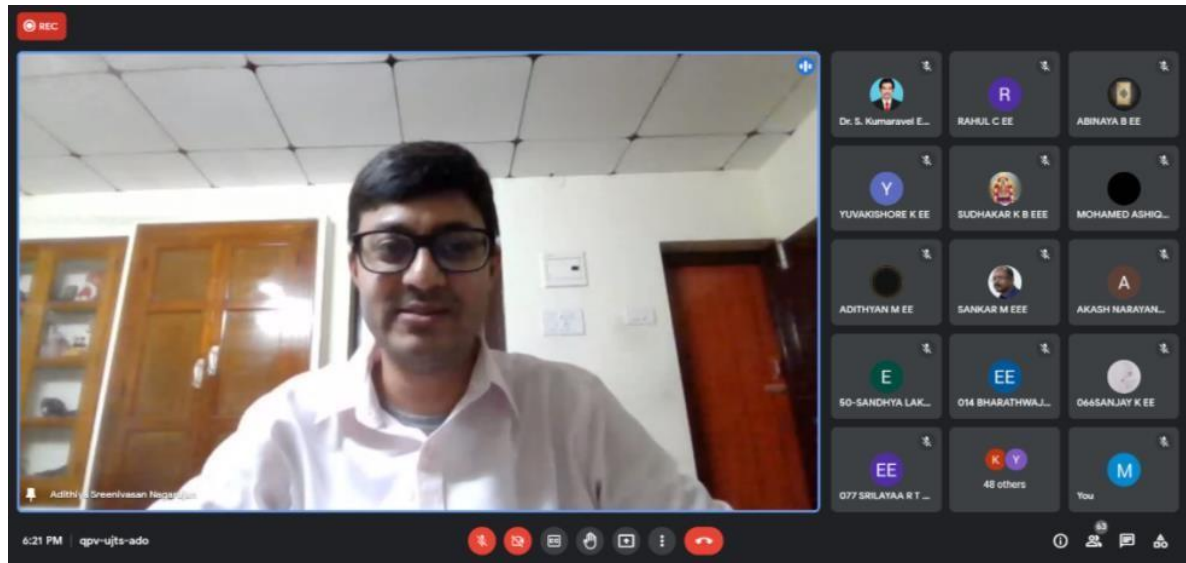
The speaker suggested the students to undergo field training along with studies which will help the students to prepare their mind mentally for the work they are going to do. He asked the students to be active in the LinkedIn and have a hobby apart from studies. His 45 minutes lecture included the topics like project life cycle, simplified schematic of electric power sector systems, substation project scope, transmission line project scope and finally project management domains.

- i. Project life cycle: The primary goal of the job is to complete the project. This can be achieved only with the background plan. It is executed by 5 background plans involving **initialization, planning, execution, monitoring, summarizing**.
- ii. Electric power sector systems: In this part speaker explained about the function of **generation, transmission and distribution**. He also added that he worked in the field of transmission and distribution.
- iii. Substation project scope: Distribution part is more difficult than transmission part. The guest once again suggested the students to visit the sub station and learn what’s happening there. He also taught us the difference between **green field and brown field** projects.
- iv. Transmission line project scope: The building of transmission line goes in three phases which is **foundation, erection and stringing**. Four types of foundation has to be done for laying of transmission line. Erection process is carried out by assembling lots of sub parts one by one. Laying of conductors is done in stringing.
- v. Project management domains: This topics included **commercial activities, labour management, store management and project functional teams**.

Apart from these the speaker discussed about **RBC (Revenue, Billing, Collection)** which is the process for making bill. He explained this with an example of installation of AC.

His way of explanation was very clear and the students who attended the meeting had no doubts. The speaker was brimming with information and provided deep insights about power transmission and distribution.

The session concluded with participants coming up with their inquisitive questions. Some students asked their doubt regarding the skills they should possess for their career.



About me – Adhi

Education: MBA - IIM B, M.Tech - Anna University

Professional Experience: 10 years

Designation: AVP Analytics - Accenture

Logos: ABB, Inbys, OD-SPD

<https://www.linkedin.com/in/adhi/>

Total experience: 10 years

Designation: AVP Analytics - Accenture

Logos: ABB, Inbys, OD-SPD

<https://www.linkedin.com/in/adhi/>

6:25 PM | qpr-ujs-ado

Project life cycle

1. Initiation phase
Understanding project goals, deadlines, priorities, and associated risks

2. Planning phase
Overview of tasks and timeline needed to execute the project

3. Execution phase
Execute the project plan

4. Monitoring and performance phase
Monitor the performance of the project

5. Closure phase
Analyze and summarize the results

6:31 PM | qpr-ujs-ado

Substation project scope

Su b-station La you I

A. Primary power lines' side

1. Primary power lines
2. Ground wire
3. Overhead lines
4. Transformers for measurement of electric voltage
5. Disconnect switch
6. Circuit breaker
7. Current transformer
8. Lightning arrester

B. Secondary power lines' side

1. Current transformer
8. Lightning arrester
9. Main transformer
10. Control building
11. Security fence
12. Secondary power lines

6:37 PM | qpr-ujs-ado

Transmission line - Project scope

Foundation

Erection

Stringing

6:41 PM | qpr-ujs-ado

REC Adithya Sreenivasan Nagarajan is presenting

Commercial activity (Revenue, billing, collection)

RBC

6:51 PM | qpv-ujts-ado

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

Good evening all. do I need any specific skills that I need to develop so that I can enter in this field?

RISH KUMAR D EE 7:04 PM
What is the future of transmission and distribution market in india?

061 Sabari S EE 7:04 PM
So you have worked in power transmission, how much do you think underground cables are advantageous

KARTHIKEYAN P EE 7:05 PM
Why is transmission in India a multiple of 11?

IRFAN ABDULLAH M S J 7:05 PM
why overhead lines are not stretched in power grids

SAI PRASANTH B L EE 7:05 PM
How will renewable energy transform the electrical grid of India? Will it make private players prove to be more efficient than public utilities?

Send a message to everyone

7:06 PM | qpv-ujts-ado

K.R. Sankar

HOD/EEE

PARTICIPANTS NAME LIST:

Guest lecture on "Project Management in Power Transmission and Distribution" 24/11/2021

1	ADARSH K	III
2	AJAY ROHITH G	III
3	ANIRUDHH S	III
4	ARAVIND S	III
5	ARUN S	III
6	ARUN PRASATH N	III
7	ASHWANTHRAM T	III
8	ASHWIN K	III
9	ASHWIN KUMAR B	III
10	AUGUSTIN A	III
11	BALAKRISHNAN S	III
12	BALASURIYA M	III
13	BHARATHI PRIYADHARSHINI P	III
14	BHARATHWAJ P	III
15	DAFINNY T	III
16	DEEPAK BALASUBRAMANIAN P	III
17	DEEPAK H	III
18	DHAANYAAKUMAAR G S	III
19	DHANUSH RAGAV P	III
20	DHARINI K N	III
21	DHIVYA B	III
22	DHRUV S	III
23	ESHWARAN P	III
24	GRIDHAR BABU S	III
25	GUHAN SANJEEVI V	III
26	GUNAAL M	III
27	HAREESH V	III
28	HARIHARAN E	III
29	HARINI N	III
30	HEMANATH P	III
31	HIRTHIC KUMAR S	III
32	JAGANATHAN K	III
33	JASHWANTH M V	III
34	JASSIM AHMED R	III
35	JAWAHAR T	III
36	JAYAKRISHNA D N	III
37	JAYASHREE V	III
38	JERIN M	III



39	KARISHA ANANYA N	III
40	KARTHICK RAMANAN S P	III
41	KATHEREESAN K	III
42	DINESHKUMAR P	III
43	GOKULA KRISHNAN M	III
44	KAARTHIKEYAN R	III
45	KARAN S	III
46	KUMARAN D	III
47	NIRMAL R	III
48	RAHUL C	III
49	KEERTHANA S	III
50	MADHUMITHA B	III
51	MANJU R	III
52	MIRUTHINA RASHMI S	III
53	MOHAMED HARRIS R	III
54	MOHAMED KAIF D	III
55	MOHANISHWAR K	III
56	NARENDRAN K	III
57	NAVEEN KUMAAR K	III
58	NAVEEN KUMAR RA	III
59	NIKHIL R RATHI	III
60	PANIMALAR S N	III
61	POORANI B	III
62	RAGHUL K	III
63	RAGHUL R	III
64	RAJESH KUMAR M	III
65	RAMANA R P	III
66	RESHMA S	III
67	SABARI S	III
68	SAI SURIYA R K	III
69	SAI TEJA K	III
70	SAKTHIVEL R	III
71	SAKTHIVELU K M	III
72	SANJAY K	III
73	SANTHOSH B	III
74	SARAN PRASAANT T	III
75	SARANYA K	III
76	SHARATHKUMAR V G	III
77	SHARON MONISHA P	III

K.R. Paul

78	SHRI GANESAN N S	III
79	SHRIMAN R	III
80	SHYAM A	III
81	SIDDHARTH R K	III
82	SIRANJEEVI M	III
83	SOBITHA B	III
84	SRILAYAA R T	III
85	SRIRAM KAILASH K P	III
86	SUDHARSAN N	III
87	VISHNUKUMAR D	III
88	VISHVAK NARAAIN S	III
89	YUKESH KUMAR T	III
90	RAMANAN R	III
91	SATHYAMOORTHY S	III
92	SHRI NIRANJAN KUMAR V	III
93	SIRAJUDEEN N	III
94	SOMASUNDARAM R	III
95	VENKATACHALAM M	III
96	YOKESH KUMAR S	III
97	YUVARAJ G	III
98	DINESH C	II
99	MOHAMED NOWFUL A	II

K.R. Sankar

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