



SRI VENKATESWARA COLLEGE OF ENGINEERING

AN AUTONOMOUS INSTITUTION - AFFILIATED TO ANNA UNIVERSITY
PENNALUR, SRIPERUMBUDUR - 602117



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

IN ASSOCIATION WITH

THE INSTITUTION OF ENGINEERS (INDIA)

ORGANISES

TWO DAYS ONLINE WORKSHOP ON PROTECTION OF POWER TRANSMISSION LINES

May 27th & 28th 2020

Time: 4.30 PM to 6.00 PM

RESOURCE PERSONS

Dr.P.Raja

ASSOCIATE PROFESSOR/EEE
NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

Mr.K.Ramesh,M.Tech,M.B.A

EXECUTIVE ENGINEER/PROTECTION & COMMUNICATION
TAMILNADU TRANSMISSION CORPORATION LTD.

TOPICS

Day 1: Relaying algorithms for power transmission lines

Day 2: Relay setting algorithms for power transmission lines - Practical Implementations

To Register : Scan the QR CODE



or Use the Link : <https://forms.gle/vf1V6dHr8pFPxxSA8>

E - CERTIFICATE WILL BE PROVIDED

CONVENOR:

Dr.K.R.Santha,
Vice Principal,
Professor & Head of Dept,
Department of EEE

Dr.Sudhakar K Bharatan
Professor / EEE
SVCE IEI Co-ordinator

CO-ORDINATORS:

Dr.S.G.Bharathidasan
Asso. Professor / EEE
IEI- EEE Co-ordinator

Mr.S.Kumaravel
Assistant Professor / EEE

Dr.M.Sankar
Assistant Professor / EEE

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**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)
PENNALUR, SRIPERUMBUDUR-602117**



**REPORT ON TWO DAYS ONLINE WORKSHOP ON PROTECTION OF POWER
TRANSMISSION LINES HELD ON 27TH AND 28TH MAY 2020**

Date: 27th and 28th May 2020

Time: 4:30 PM to 6:00 PM

Objectives (Maximum 50 words):

To provide knowledge and develop skill among the students in Protection of Power Transmission Lines by amalgamating academic and industry experts

About the programme (Min 500 words):

The program was a Two days online workshop on “Protection of Power Transmission lines” was conducted by the department of EEE, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur in association with IEI SVCE EEE Student chapter on 27th & 28th May 2020. The program was formally inaugurated by Dr. KR Santha, Vice Principal, Professor and HOD/EEE, SVCE on 27th May 2020 at 4:30PM. The day-1 started with the introduction the first day resource person Dr. P. RAJA, Associate Professor/EEE, National Institute of Technology, Trichy, by Dr. KR Santha, Vice Principal, Professor and HOD/EEE, SVCE. Dr. P.RAJA gave an expert lecture on the topic “Relaying Algorithms for Power Transmission lines” in which he covered the basic information on The Elements in Protection and the Importance of Relays in Transmission Line Protection. The day-1 ended with the vote of thanks by the Workshop Coordinators. The day-2 of the workshop started with the introduction of the second resource person Mr. K. Ramesh, Executive Engineer in Protection and Communication, TamilNadu Transmission Corporation Ltd by Dr. Sudhakar K

Bharatan, Professor/EEE, SVCE. Mr. K. Ramesh delivered an industry relevant expert lecture on the topic “Relay Setting Algorithms for Power Transmission lines-Practical Implementations” in which he covered the information on practical implementation of different Protection Schemes for various zones. The second day ended with the vote of thanks to the resource person by Dr.S.G.Bharathidasan Associate Professor/EEE.

Benefits (Maximum 50 words):

A total of 123 participants, 73 students from SVCE, 24 students from other institutions, **10 faculty from SVCE and 16 faculty from other institutions** benefited out of this program. The beneficiaries acquired knowledge and skill in:

1. Importance of Relays and Possible Relays which can be used in Transmission line Protection
2. Factors Affecting Relay Decision
3. Some basics on SCADA and PMU
4. Different Structures of Transmission Towers, Operation of Circuit Breakers and
5. Relay setting algorithms and their implementations practically

Prepared by: Dr.S.G.Bharathidasan Associate Professor/EEE.



S G BHARATHIDASAN, Associate
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