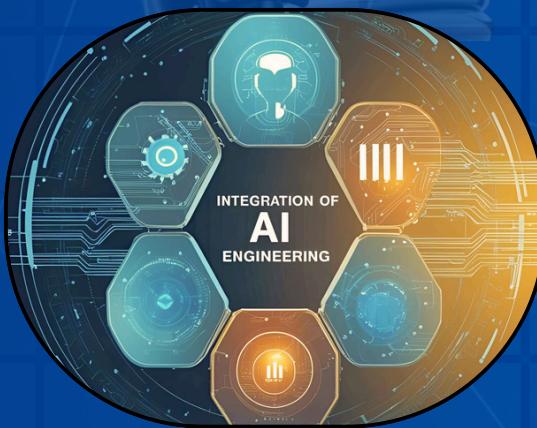




**Three Days Online Faculty Development Program
in association with ISTE
from
13.05.2025 - 15.05.2025
on**

"ADVANCEMENT IN ELECTRICAL ENGINEERING WITH THE HELP OF COMPUTER INTELLIGENCE "



Organized by:

Department of Electrical Engineering
Swami Vivekananda School of Diploma
(A Unit of Sanaka Educational Trust)

Malandighi, Durgapur-12

Approved and Affiliated by AICTE and
WBSCT&VE&SD

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Coordinator:-

MR.Sujan Banerjee
LECTURER , EE-DEPT , SVSD

Joint Coordinator:-

MR.Debabrata Sarkhel
LECTURER ,EE-DEPT , SVSD

Committee Member:-

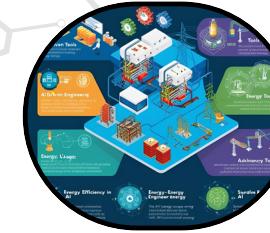
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Technical Asst, EE-DEPT , SVSD

MR.Madhab Betal
Technical Asst ,EE-DEPT , SVSD



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Lecturer, EE Department, SVSD
Ph. No. - 7076439639

CERTIFICATE :-

E- Certificate will be issued to the candidates having minimum 80% attendance and obtain 60 % in test.

REGISTRATION FEE :-

NOT APPLICABLE

HOW TO REGISTER :-

Click the Link below for registration

<https://forms.gle/agRtWiLF71qxXXUC8>

Or

Scan to register



Objective of the program

Faculty development programs are crucial for academic institutions to enhance the academic skills of their faculty members. These programs provide opportunities for faculty members to update their knowledge and skills in their respective fields of study and stay relevant to students. Integration of computer intelligence in Electrical Engineering aims to train faculty members with the latest technologies and systems in this field. Through participating in faculty development programs, educators can improve their teaching, research, and service activities, which in turn improves the educational experience for students.

About Swami Vivekananda School of Diploma

Swami Vivekananda School of Diploma, Durgapur was established under the aegis of "Sanaka Educational Trust" in 2012 with an objective of an imparting Technology and Management for uplifting the society and the country. From the inception of the college, Department of Electrical Engineering is functioning as a basic Engineering Department to cater courses for first year Diploma only. In 2015 this department is upgraded to Degree Awarding Department and continuing in imparting quality education in Electrical Engineering.

About Department of Electrical Engineering

Electrical Engineering Department is a well blend in members of the faculty who have good industrial / Research / teaching experience in different fields, Laboratories and Workshops are well equipped with enabling .

• Resource Persons



Dr. Abhinandan De
Associate Professor,
Department of Electrical
Engineering, IIEST, Shibpur



Dr. Mehebub Alam
Manager (Electrical),
DVC Head Quarter, Kolkata,
Certified Energy Auditor, BEE



Dr. Soumya Chatterjee
Assistant Professor,
Department of Electrical Engineering,
NIT Durgapur



Dr. Manas Mukherjee
Associate Professor,
Department of Electrical and
Electronics Engineering,
IEM, Kolkata



Dr. Shubhrajyoti Kundu
Assistant Professor,
Department of Electrical Engineering,
Faculty of Engineering and
Technology,
Parul University,
Vadodara, Gujarat.



Dr. Sourav Das
Assistant Professor,
Department of Electrical Engineering,
IEM, Kolkata

Program Schedule

**Session-I (11:00 AM
-01:00 PM)**

**Session-II (2:00 PM -
4:00 PM)**

13.05.2025 (TUESDAY)

Application of Machine Learning in Power and Energy Sector - Benefits and Challenges

Dr. Abhinandan De

Dr. Mehebub Alam

**Session-I (11:00 AM
-01:00 PM)**

**Session-II (2:00 PM -
4:00 PM)**

14.05.2025 (WEDNESDAY)

Application of Advanced Machine Learning Techniques for Condition Assessment of Power Apparatus

Micro-PMU-Based Intelligent Monitoring and AI for Real-time Event Analysis in Distribution Systems

Dr. Soumya Chatterjee

Dr. Manas Mukherjee

**Session-I (11:00 AM
-01:00 PM)**

**Session-II (2:00 PM -
4:00 PM)**

15.05.2025 (THURSDAY)

State Estimation in Power Systems Incorporating False Data Injection Detection'

Readiness of Power System and its related Computational Intelligence for EV Eco system

Dr. Shubhrajyoti Kundu

Dr. Sourav Das