



Six Days Online Faculty Development Program from 24th to 29th April 2023 on

Recent Advancement in Renewable Energy Technologies and Systems



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

Patron: Mr. Tapan Kumar Pobi Honorable President, SET Mr. Partha Pobi Honorable Vice-President, SET Mrs. Mohua Pobi Honorable Secretary, SET **Advisory Committee:** Dr. Saikat Chatterjee Honorable Director, SETGOI Dr. Snigdhadip Ghosh Honorable Registrar, SVSD **Program Chair:** Mr. Suman Pramanik Honorable Principal, SVSD Mr. Sudip Kr. Bid Honorable H.O.D(EE), SVSD **Convenor**: Mrs. Priyanka Dutta Sr. Lecturer, EE Department **Joint-Convenor:** Mr. Tapas Kumar Benia Sr. Lecturer, EE Department **Coordinator:** Mr. Sujan Banerjee Lecturer, EE Department Ms. Sneha Adhikari Lecturer, CE Department **Organizing Committee:** Mr. Kailash Bauri Lecturer, EE Department Mr. Debabrata Sarkhel Lecturer, EE Department Mr. Arjun Ray Lecturer, EE Department Mr. Totan Das Lab. Inst., EE Department Md. Mostafijur Rahaman Lab. Inst., EE Department Mr. Biswajit Gorai Lab. Inst., ME Department

Contact Person:

Mr. Sujan Banerjee Lecturer, EE Department, SVSD Ph. No.- 8670210210 Ms. Sneha Adhikari Lecturer, CE Department, SVSD Ph. No.- 8371987094 CERTIFICATE: E- Certificate will be issued to all the participants. REGISTRATION FEE NOT APPLICABLE HOW TO REGISTER Click the Link below for registration https://forms.gle/e8dayvwHo1MAphJ28



LAST DATE FOR REGISTRATION:

22nd April 2023 (Midnight)

N.B.-

- e-Certificate to ISTE Life Members will be issued by ISTE office.
- Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant (only for ISTE Life Members). Please attach payment proof in the registration form.

Payment Details

<u>NAME:</u> SANAKA EDUCATIONAL TRUST <u>BANK NAME</u>: STATE BANK OF INDIA <u>BRANCH:</u> MALANDIGHI, DURGAPUR-713212 A/C.NO.: 41356804445, IFSC: SBINO014068

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.

Renewable energy is the future of energy consumption in the world, and this program is aimed at educating faculty members on 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 imparting quality education in Engineering/ 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 modern facilities to provide an enabling environment to facilitate students to excel in industries and professional institutes.



VNIT)

Dr. Debasree Saha

Dr. Nirmalya Mallick

Dr. Barnali Kundu

Dr. Mrinal Kanti Sarkar

(Associate Professor, HOD, EE,

(Assistant Professor, EE, NIT,

Dr. Aveek Chattopadhyay

Dr. Mukesh Kumar

(Assistant Professor, EE, GNIT)

SETGOI)

GNIT)

Jamshedpur)

(Associate Professor, EE, GNIT)



















Engineering College) Dr. Arnab Ghosh

(Assistant Professor, EE, Punjab

(Assistant Professor, EE, NIT, Rourkela)

Session-I	Session-II
(11:00 AM -12:30 PM)	(2:30 PM - 4:00 PM)
24-04-2023	<u>3 (MONDAY)</u>
"Energy And Environment	"Advanced Protection
Problems Facing The Third	Schemes For Renewable
World And Their Probable	Energy Source-Based
Solutions For Sustainable	Systems."
Development".	Dr. Debasree Saha
Dr. D.P. Kothari	
25-04-2023	B (TUESDAY)
"Advancement Of High	
Frequency Induction	"EV motors and it's control
Heating-Induction Cooker	topologies"
And Hyperthermia".	Dr. Abhisek Pal
Dr. Dola Sinha	
26-04-2023 (WEDNESDAY)
"Renewable Energy:	"Renewable Energy:
Opportunities & Challenges".	Opportunities & Challenges"
Dr. Nirmalya Mallick	Dr. Nirmalya Mallick
27-04-2023	(THURSDAY)
"Modelling Of Power	"Sliding Mode Controller
Electronics Converters For	
Renewable Energy Sources	Convertor"
Using PSIM Software".	Dr. Mrinal Kanti Sarkar
Dr. Barnali Kundu	Di. Mi ilai Kaliti Sai kai
28-04-202	3 (FRIDAY)
"Motor Modelling,	"Motor Modelling,
Unbalance Study & Transient	Unbalance Study & Transien
Analysis In ETAP".	Analysis In ETAP."
Dr. Aveek Chattopadhyay	Dr. Aveek Chattopadhyay
29-04-2023	(SATURDAY)
"Sensor Less Speed Control	"Design Of Switching
"Sensor Less Speed Control Of Brushless Doubly Fed	"Design Of Switching
"Sensor Less Speed Control Of Brushless Doubly Fed Reluctance Machine Drive	"Design Of Switching Converters & Power Management For Microgrid
"Sensor Less Speed Control Of Brushless Doubly Fed Reluctance Machine Drive For Wind Power	"Design Of Switching Converters & Power Management For Microgrid
"Sensor Less Speed Control Of Brushless Doubly Fed Reluctance Machine Drive For Wind Power Generation".	"Design Of Switching Converters & Power Management For Microgrid Application".