



ELECTRICAL SYSTEMS DESIGN AND GREEN POWER (ESD & GP)

TRAINING CENTRE

(An Industry Recognized Training Centre)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SREE VIDYANIKETHAN ENGINEERING COLLEGE

ELECTRICAL SYSTEMS DESIGN AND GREEN POWER

(ESD & GP)

TRAINING CENTRE

(An Industry Recognized Training Centre)

Two Week Joint-Outreach Internship Program

on

SOLAR PV POWER INFRASTRUCTURE AND SOLUTIONS

(2nd - 13th December, 2019)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(An autonomous institution affiliated to JNTUA, Anantapuramu)

Sree Sainath Nagar, A. Rangampet, Tirupati – 517 102

ELECTRICAL SYSTEMS DESIGN & GREEN POWER (ESD & GP)-TRAINING CENTRE

(An Industry Recognized Training Centre)

About the Training Centre:

Electrical Systems Design & Green Power (ESD & GP)-Training Centre, an Industry Recognized Training Centre has been established by the Dept. of Electrical and Electronics Engineering, Sree Vidyanikethan Engineering College, Tirupati , with a motto to sprout and enhance the industry demanded academic skills among Students, Green Adaptive Professionals and Practicing Electrical Engineers.

In recognition with superior academic quality, organizational integrity, and like-mindedness of the mission of Electrical Systems Design and Green Power - Training Centre, established, **M/s. Advanced Ultra Power Transmission Consultancy (AUPTC)**, Gurgaon, India acknowledged the association with Sree Vidyanikethan Engineering College (SVEC) to organize Joint Certification Programs under Electrical Systems Design and Green Power - Training Centre at Sree Vidyanikethan Engineering College, Tirupati.

To introduce, AUPTC is a rapidly growing electrical system design and consultancy company in India. Over the years, it has been delivering excellence in Power Projects for Conventional as well as Renewable energy like Wind & Solar and has vast experience in Bipolar and Back-to-Back HVDC Systems up to $\pm 512\text{kV}$, 2500MW Air Insulated Substations ranging up to 765kV, Gas Insulated Substations (indoor & Outdoor) up to 400kV, Transmission lines ranging up to 765kV, FSC up to 400kV and Solar Power up to 1000MW.

The **Vision** of ESD & GP-Training Centre is to bridge the gap between 'Academia' and 'Industry' by offering professional skills training and utilizing the available resources within the Department ensuring superior academic quality and organizational integrity.



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Internship Program On

SOLAR PV POWER INFRASTRUCTURE AND SOLUTIONS

(2nd to 13th December, 2019)

About the Training Program:

Two Week Internship Program on *Solar PV Power Infrastructure and Solutions* was offered for the students of SVEC limiting to a batch of 30 participants in the Month of December, 2019.

Training Attainment(s):

- Out of Thirty Registered participants, Twenty Nine participants got certified successfully by submitting all the necessary assignments.
- For certification, they prepared and submitted a detailed report on, various practical demonstrations and two case study exercises carried out on Roof Top and Grid Connected Solar Systems.
- Participants expressed their confidence about their ability to carryout Solar system design and development.

Training Process Flow:

Stage 01:	Registrations	Day 1	1 hr
Stage 02:	Inauguration and Welcome address	Day 1	1 hr
Stage 03:	Conducting Trainee Pre-requisite Assessment to understand the knowledge base of the participant, and to modulate the level of training deliverance	Day 1	1 hr
Stage 04:	Discussion on the Pre-requisite Assessment	Day 1	1 hr
Stage 05:	Orientation on the Solar PV Power Industry	Day 1	3 hrs
Stage 06:	Class Room Training Sessions	Day 2- Day 5	28 hrs
Stage 07:	Design Exercises (Off Grid level)	Day 6- Day 7	16 hrs
Stage 08:	Practical Demonstrations.	Day 8 - Day 10	24 hrs
Stage 09:	Site Survey	Day 11	4 hrs
Stage 10:	Design Exercise (Grid level)	Day 11	4 hrs
Stage 11:	Site Visit	Day 12	4 hrs
Stage 12:	Report Submission and Final Assessment for Certification and Valedictory.	Day 12	3 hrs



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List of Participants:

S.No	Reg. No	Name of the Participant
1	17125A0223	Mr. K. Saicharan Reddy
2	18125A0261	Mr. Barma Swamy Naik Vankadavath
3	18125A0210	Mr. Balaraju Naik Dungavath
4	16121A02H6	Ms. Shaik Karishma
5	18125A0218	Mr. Kadiri Yesepu
6	18125A0245	Mr. Poludas Pavan Kumar
7	17125A0236	Mr. M. Gopi Sai
8	17125A0218	Ms. G. Navya Sri
9	18125A0246	Ms. R. Meghapriya
10	18125A0227	Ms. K Sravani
11	18125A0225	Ms. K. Yamuna Maheswari
12	16121A02H9	Mr. Shaik Mulinti Zakir Hussain
13	17125A0255	Mr. Yedurumidde Naveen
14	16121A02J3	Ms. S.Shilpa Bai
15	17125A0226	Mr. Konkala Kula Tharun Reddy
16	17125A0251	Mr. Vallabhuni Chandu
17	17125A0202	Ms. Baddala Haritha
18	16121A02L5	Ms. Y.K.Tejaswini
19	16121A02K5	Ms. Vadigepalli Jyothsna
20	17125A0239	Mr. Pagadala Ajay Kumar
21	17125A0252	Mr. V.Yaswanth
22	17125A0253	Mr. Y. Ajay
23	17125A0242	Mr. Shaik Abdul Rasheeq
24	16121A0205	Ms. A.Swarna Latha
25	16121A0267	Mr. G. Kesava Kumar
26	17125A0240	Mr. P. Praneeth
27	17125A0237	Mr. Nandalapadu Mohammed Arief
28	17125A0256	Ms. Y. Nagaveni
29	17125A0232	Mr. Mailer Navamani Kumar
30	16121A02J5	Mr. S. Imran (Discontinued)

PHOTO GALLERY



Dr. P C Krishnamachary, Honorable Principal, SVEC Addressing the Participants



Participants

TRAINEES PERFORMING DESIGN EXERCISES



PRACTICAL DEMONSTRATIONS



SITE SURVEY



INTERACTION



SITE VISIT: 500 kWp ROOF TP SOLAR POWER PLANT AT SVEC, A. RANGAMPET



CERTIFIED TRAINEES: GP BATCH-03, DECEMBER, 2019



Certified Trainees with
Honorable Principal, Dr. P C Krishnamachary ; Professor & Dean Industry Relations, Dr. S. Hemachandra;
HOD- EEE, Dr. M S Sujatha; Lead Trainer, Mr. K. Leledhar Rao; Trainer, Mr. D. Jagadeesh and Spporting
Faculty, Ms. R. Sindhuja

INFORMATION

For details about the Training centre and various courses offered, it is requested to browse the link

<https://svec.education/electrical-systems-design-green-power-training-centre/>

E-mail:

training.sveceee@gmail.com

Contact:

Mr. K. Leleedhar Rao

M.Tech; (Ph.D.); MISTE; MIAENGG; TFE (AUPTC)

Convener, ESD & GP - Training Centre

Assistant Professor, Dept. of EEE

Sree Vidyanikethan Engineering College (Autonomous)

A.Rangampet, Sree Sainath Nagar

Tirupati-517102

Mob: 9290290410



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