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)

Joint-Outreach Internship / Training Program

on

SOLAR PV POWER INFRASTRUCTURE AND SOLUTIONS

(11th to 13th February, 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 ± 512 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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Training Program

on

SOLAR PV POWER INFRASTRUCTURE AND SOLUTIONS

About the Training Program:

As Initiation, 20 hours Certified Training Program on *Solar PV Power Infrastructure and Solutions* was offered *Free-of-Cost* for identified Meritorious Students from selected institutions and students of SVEC limiting to a batch of 20 students in the Month of February, 2019.

Training Outcome(s):

After successful completion of the course, the participants will be able to take-over and perform recourse assessment and complete electrical system design for Solar PV Power Systems up to off-grid level.

Training Attainment(s):

- Nine external and eleven internal student participants got trained successfully.
- For certification, they prepared and submitted complete PV system design for their own house/ accommodation as a report and expressed their confidence about Solar system design up to off-grid level.

Training Accomplishment Schedule:

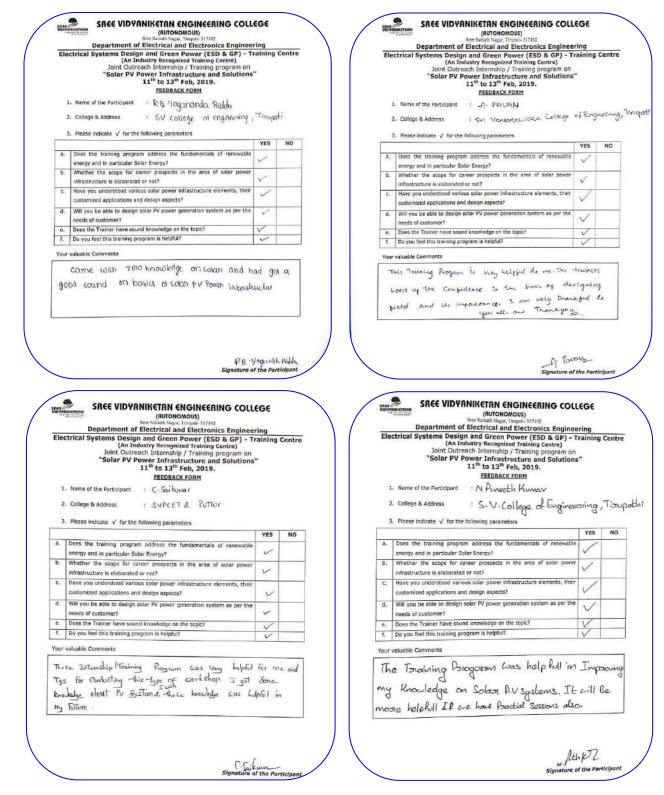
- Stage 1: Conducting Trainee Pre-requisite questionnaire / Test to understand the knowledge base of the trainee / participant, and to modulate the level of training deliverables.
- Stage 2: Orientation on the Solar PV Power Industry.
- Stage 3: Class Room Training Sessions.
- Stage 4: Practical Demonstrations.
- Stage 5: Site Visit.
- Stage 6: Report Submission and Discussion.



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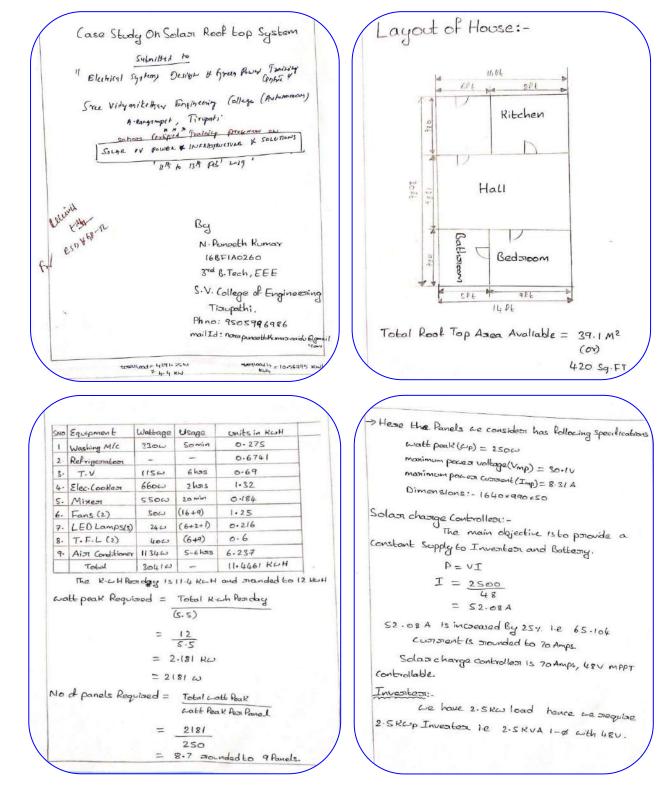
ESD & GP - Training Centre Department of Electrical and Electronics Engineering

FEEDBACK BY THE PARTICIPANTS, A FEW



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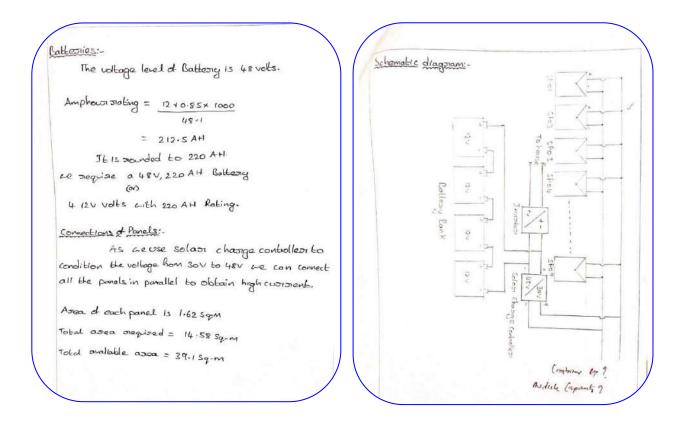
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SAMPLE PROJECT HANDOUTS SUBMITTED BY THE PARTICIPANT(S)



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PHOTO GALLERY

WELCOME NOTE



Dr. M. S. Sujatha, Professor & HOD, Dept. of EEE Welcoming the Participants



Dr. S. Hemachandra, Professor & Dean, Industry Relations, addressing the participants



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PARTICIPANTS



PARTICIPANTS UNDERGOING PREREQUISITE TRAINING TEST



CLASS ROOM TRAINING SESSIONS





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PRACTICAL DEMONSTRATIONS









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



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INTERACTION SESSION



Dr. T. Nageswara Prasad, Professor & Chairman BoS; Dr. S. Hemachandra, Professor & Dean, Industry Relations interacting with the participants



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AWARDING CERTIFICATES TO TRAINEES





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CERTIFIED TRAINEES: GP BATCH-01, FEBRUARY, 2019

Certified Trainees with Dean Industry Relations, Chairman BoS, HOD- EEE, and Trainers



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