3D EDUCATORS
Trainers & Consultants

Solar PV System Design Using PV SYSTEM SOFTWARE

Training Program

Who can do?

- Working in engineering sector, industries, consultant firms and engineering students
- like to enhance their professional skills in solar system design, opportunity to earn in dollars by providing design services remotely.
- Professionals, BE , BBA, Diploma and Other who are involved in the above mentioned sectors

100,000+ Students have been Trained

since 1997

Invest in People the only Asset that Appreciates

Program is offered by

3D EDUCATORS, INT

22 Years of Excellence in Training & Development

www.3dedudcators.com
info@3deducators.com

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OBJECTIVE:

This Course is specially designed for those who are already working in Engineering sectors, utilities department, Energy consultants and engineering back ground student

The main objective of the course is to enhance the skills of a person, in Solay system design using PVsyst Software and simulation.

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Program Details

Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators

Program Structure

No of classes per week	**01 Class**
Duration of each class	**02 - Hour**
Total Duration	**16 Hours**

Other Learning Activities

Classroom Assignments	**4**
Presentations by Trainees	**8**
Hands on Training with Labs	**6**

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COURSE OUTLINE:

Design and development concepts in Solar PV system using PVsyst Software

- Design And concepts in solar system
- Basics of current ,resistance
- Components of Solar system
- Power laws
- Safety management-
- Risk management
- Earthing procedure -guide line
- Panels connection procedure series and parallel
- Peak load and daily power consumption
- Voltage drop and calculation
- Invertor types (on grid ,off grid and hybrid system)
- NEPRA regulations & Benefits of Net metering
- Payback calculations.
- Solar shading
- Structure strength
- BOQ preparation with live project
- Software training with simulation work using solar software

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WITHDRAWAL FROM THE DIPLOMA/CERTIFICATION

Students are not allowed to withdraw from the Diploma. If a student cannot continue the Diploma his/her fee will be forfeited.

CONDUCT AND DISCIPLINE

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

EVALUATION AND GRADING

The performance of students is evaluated through continuous observation of a student's performance in the Diploma – class participation, submission of assignments, quizzes and exercises.

The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the Diploma will be 60 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the Diploma:

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A	**87 - 100**
B+	**81 -86**
B	**72 - 80**
C+	**66 - 71**
C	**60 - 65**
F	**below 60**

Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.

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PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

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ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website http://www.3deducators.com. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

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CONTACT US

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021-34857148

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Get the Admission Form

Download Form

MANAGEMENT
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