



SOLAR ENERGY

TRAINING &

TAKEAWAYS:

- ✓ Site visit to a functional Multi Mega Watt scale, Grid – connected Solar PV power plant
- ✓ Life time hand – hold support to member Start – ups
- ✓ Hands – on design & project management experience

Entrepreneurship Development Program

Energy by Nature (EN)

Regus Trade Centre, Ground & Level One,
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Entrepreneurship Development Program on Solar Energy

For Start – ups & Business Executives – 3 days

Unique course takeaways:

- 1.) **Site visit** to a functional, Multi Mega Watt scale, grid connected solar PV power plant.
- 2.) Opportunity to face to face interact & discuss with highly experienced domain experts, engineers, designers, installers in professional services.
- 3.) Solar PV system knowledge and demo of prospects for start – ups in Solar PV domain.
- 4.) Training and industrial visit certificate.

Course Summary:

The content of this course is carefully knitted for start-ups and Business Executives; keen to understand the Nitti gritty of Solar PV technology & business. Particularly aspired to build themselves to start & establish career in solar PV industry from micro to large scale.

This comprehensive course is designed to give sound understanding of solar PV industry including **technology, design aspects, directions of market demand / thrust, terminologies, economic feasibility, supporting Government policies including financial subsidies and grants** in a structured approach.

The course also details the parameters affecting performance and reliability of solar PV system.

Typically, covers technology, design aspects and economic feasibility, the must for successful business.

Who should attend?

Start – ups, Business Executive or anyone wishing to gain a sound understanding of PV technology, design aspects and economic feasibility solar PV business. Particularly aspired to build themselves to start & establish career in solar PV industry.



Course Profile:

- 1.) Basic Solar PV terminologies
- 2.) Solar energy technology and applications
- 3.) Different configurations of PV systems
- 4.) Solar resource overview and solar radiation in India
- 5.) Solar PV module characteristics and quality issues
- 6.) Inverter technologies and selection
- 7.) Array mounting structures and balance of system components
- 8.) Site assessment and site selection
- 9.) Project cost estimation, economic analysis and feasibility study of a solar PV project
- 10.) Design approach for grid connected PV system with examples
- 11.) Design approach for off-grid and hybrid PV system with examples
- 12.) Losses in a PV system and energy generation estimation
- 13.) Use of simulation software
- 14.) Opportunities for start – ups and professionals in Indian Solar PV market
- 15.) Details of Key Manufacturers, suppliers, EPCs, traders and supporting service providers in India
- 16.) Government Policies and grants available for start – ups entering into businesses and end users

✓ *Start – up India*

✓ *Pradhan Mantri MUDRA yojana*

✓ *Prime Minister’s Employment Generation Program (PMEGP)*

✓ *Collateral free, Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE)*

(From Rs 5,000 to Rs 2 Crore)

Training Methodology:

The course will be delivered in lecture format using PowerPoint, sharing of case study examples and exercises on design, energy yield and economic analysis.

The course will be delivered in lecture format using PowerPoint, sharing of case examples, design exercises, energy yield estimation exercise and half day site visit to a functional grid connected solar PV power plant.



Training Materials:

- ✓ Copies of power point presentations, design tasks, energy yield exercise
- ✓ Equipment, accessories and tools for demonstration

Certification:

EN develop and deliver solar PV training courses in accordance to Global solar PV industry practices, international competency standards and accreditation requirements in consultation with renowned Solar PV Industry experts having multinational exposures.

On successful completion of the course students receive a certificate of completion.

EN Trainers:

Energy by Nature (EN) comprises a team of highly experienced domain experts, engineers, designers, installers in professional services and training across the Renewable Energies sectors.

The Principal trainers have enriched background of 25 + yrs. experience in Renewable energy business, particularly in Solar Photovoltaic Industry's Strategic business planning, engineering design optimization, techno-commercial due diligence, project management & implementation, Financing, Mergers & Acquisitions, Cross Border Partnerships, Venture Financing etc.

Date:

Course Fee for Students: Rs 3,750 /-

For Professionals: Rs 7,500 /-

Course fee do not include charges for (To & Fro) Travelling, lodging, boarding and local expenses towards site visit and the same shall be managed and paid by respective candidates directly.

Enrolment: by email at info@energybynature.in

For further information on training Contact:

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