Admissions 2025-26



Solar Entrepreneur Certificate Course

Department of Renewable Energy

UPTO ₹5000 DISCOUNT

ENROLL NOW

Contact Us

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INDIAN INSTITUTE OF SOLAR ENERGY



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ABOUT US

Who We Are

IISE is an academic, research & Entrepreneurship development institute, a unit formed under Centre for Energy Research and Training. As a premier institution in the field of renewable energy education, research, and consultancy. We have trained more than 3000 students & stand at the forefront of India's transition towards a more sustainable energy landscape.

Why Choose Us

Expert Faculty

Our faculty includes professional engineers, Solar integrators & Developers, many of whom have owned & operated their own corporations & know what it takes to succeed in the solar business.

100% Practicals

Our content and modules are designed to 100% practical, highly effective and relevant to the present industry requirements by providing on-the-job training development programs.

100% Guaranteed Internship

Our guaranteed internship program ensures that students enrolling for our courses, kick start their successful career in the Solar industry.

Career Opportunities

Sales & Marketing

- Solar Sales Manager
- Solar Sales Engineer
- Solar Sales Consultant
- Solar Sales Executive

Design & Engineering

- Manager - Solar Design & Engg.
- Solar Design Engineer
- Solar Structural Design Engineer
- Analyst – PV Syst

Project Management

- Solar Project Manager
- Project Engineer
- Solar Site In charge
- Site Supervisor

Operation & Maintenance

- Solar Plant Manager
- Maintenance Manager
- Plant Engineer
- Manager - Operations

ABOUT COURSE

ABOUT SOLAR ENTREPRENEUR COURSE

The Solar Business Entrepreneur Course is designed to equip you with the knowledge and skills to launch a successful solar business. Whether you're a seasoned professional or a passionate newcomer, this program will be your launchpad to a bright future in the booming solar energy industry.

ELIGIBILITY :

- Bachelor's Degree/ Graduate from a recognized university.
- International / SAARC Graduates from a accredited University.
- Students appearing for their final graduation exam may also apply, subject to completion of graduation as specified by IISE.
- The participants should be at ideally 10+2 to apply.

THIS PROGRAM IS IDEAL FOR

- Aspiring solar entrepreneurs
- Engineers and technicians interested in solar
- Business professionals seeking a career shift
- Sustainability enthusiasts
- Anyone passionate about clean energy solutions

REGISTRATION DETAILS :

Registration is open now

Registration fee: **₹ 999/-**

Last date to apply & SCHOLARSHIP : **SPEAK TO OUR TEAM.**

CONTACT INFO@IISE.AC FOR MORE DETAILS

Meet Our Team



Dr. Dnyaneshwar Malwad

HOD - Department of Renewable energy

PHD in Solar Energy.
12 research papers published in reputed international journals.
Holder of 3 patents in Solar.



Mr. Rajesh Unnikrishnan

Project Director

IIT Mumbai NCPRE Certified Trainer.
Electrical Engineer & EV Expert.
MBA from Bradford University.
20+ years Power sector experience.



Dr. Srinivas Mangalampalli

Associate Professor

Life member of Indian Physics Association. Member of Editorial Board of International Journal of Luminescence applications.



Mr. Yogendra Kainthola

Project Head – EPC,

Founder of Battery life 2.
Co- Founder of Revive Battery EU
Patent holder & Sole rights to battery regeneration machine



Dr. Arpan Tewary

Associate Professor

Research Topic: Insulation Testing & its Analysis of different technology based Solar Photovoltaic modules.



Mr. Siddarth Deshpande.

Dept. of Engineering Design

Expert in solar PV system design, energy modeling & simulation software.



Mr. Rakesh Ambekar

Solar Consultant & Trainer

10 + years of extensive experience in open access, Net metering & regulatory compliance.



Mr. Sushant Pawar

Dept. of Engineering Design

Industrial Visits for students, Training & Placement activities & Student Mentorship.

SOLAR ENTREPRENEUR COURSE

WHAT YOU'LL LEARN :

Master the Fundamentals: Gain a deep understanding of solar technology, photovoltaic systems, and their applications. Learn about solar radiation, panel efficiency, and system design.

Become a Business Guru: Explore essential business skills like market research, financial planning, and marketing strategies specifically tailored to the solar sector.

Navigate the Regulatory Landscape: Understand the legalities and permits involved in solar installations, ensuring you operate within compliance..

Finance Your Success: Learn about financing options for solar projects, helping you secure funding for your ventures.

Installation Expertise: Gain practical knowledge on solar system installation, including component selection, site assessment, safe installation practices and hands-on workshops

Network with Industry Leaders: Connect with established professionals and gain valuable insights into the solar market.

FIRST PHASE

No of scholarship seats : **10 nos**

Actual fees: **₹ 29,999/**. Scholarship fees is **₹ 24,999/.**

Scholarship seats are few — Apply early to qualify.

CONTACT INFO@IISE.AC FOR MORE DETAILS

Admission Timeline



Step 1

Course Application

a. Pay registration fee ₹ 999/-
b. Fill registration form

Step 2

Document Verification

Document verification

Step 3

Admission offer

Shortlisted candidates will be emailed a conditional offer letter

Step 4

Start your course

Admission confirmation and fee payment



APPLY NOW

COURSE CURRICULUM

Module 1: Introduction to Renewable Energy

Module 2: Basics of Electricity

Module 3: Solar Radiation Basics and Measurement

Module 4: Solar Cells

Module 5: Photovoltaic Materials, Devices, and Modules

Module 6 : Silicon Thin-Film Solar Cells

Module 7: Solar Modules

Module 8: Solar charge Controllers

Module 9: Solar Inverters

Module 10: Solar Batteries

Module 11 : Load Calculations

Module 12: Auditing Electricity Bills (Residential)

Module 13 : Auditing Electricity Bills (Commercial)

Module 14: Auditing Electricity Bills (Industrial)

Module 15 : Battery Bank Design

Module 16: Solar Panel & Solar Inverter Spec Study

Module 17 Solar Array Design

Module 18 : Solar Feasibility Study & Calculations

Module 19: Balance-of-system (BOS) components

Module 20 Renewable Energy and Energy Efficiency

Module 21: Installation & Troubleshooting of Solar PV Systems

Module 22: Safety procedures for solar power plant installation

Module 23: Solar Cable Selection and Calculations

Module 24: Components Selection

Module 26: PV Battery System Design

Module 27: PV Controller System Design

COURSE CURRICULUM

Module 28: PV Inverter System Design

Module 29: Photovoltaic System Sizing

Module 30: Safety in Installation of Solar Systems

Module 31: Solar PV Systems Design & integration

Module 32: Case study – Power plant sizing for Residential

Module 33: Case study – Power plant sizing for Commercial

Module 34: Case study – Power plant sizing for Industrial

Module 35: Solar Power Plant installation Checklist

Module 36: Plant Operation and Maintenance

Module 37: Solar Project Execution and Planning

Module 30: Power Purchase Agreement (PPA)

Module 31: Solar Tariff's & Calculations

Module 32: Understanding Net Metering & Gross metering

Module 33: Virtual Net Metering

Module 34: Central Government Reforms

Module 35: State Government Reforms

Module 36: Solar Tariff's & Calculations

Hands on Training & Networking sessions

Capstone Project submission

Final Exams

Note:

IISE reserves the right to modify, update, or revise the syllabus, course structure & curriculum at any time to align with the latest developments and industry standards in the solar and renewable energy sector. Such changes are intended to ensure that students receive education and training that is current, relevant, and industry-driven. Any updates will be communicated through official channels as and when implemented.

HANDS ON PCP TRAINING








Our hands-on training program gives students real-world experience in designing, installing, and maintaining solar systems. This isn't just about learning theory—it's about getting practical skills that industry demands.

CONTACT INFO@IISE.AC FOR MORE DETAILS

VISIT TO 50 MW SOLAR POWER PLANT AT COCHIN INTERNATIONAL AIRPORT

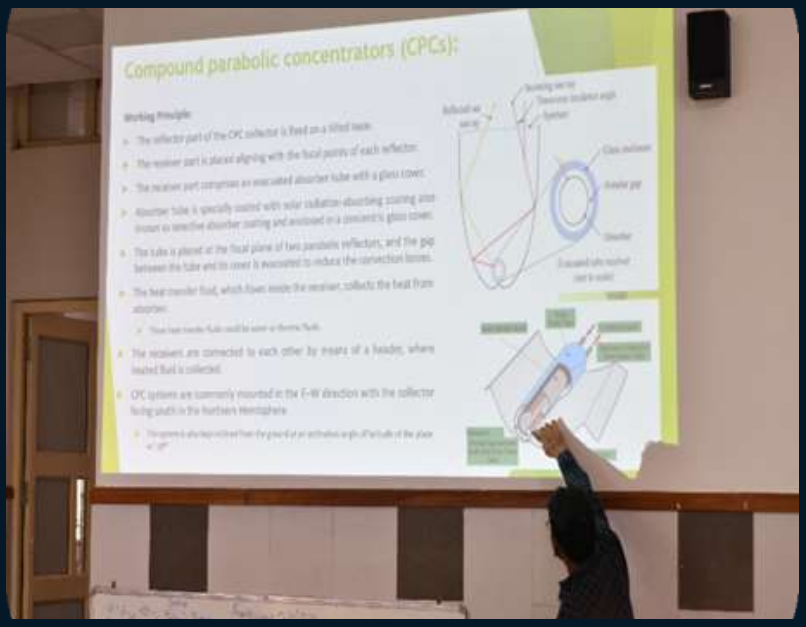
INDUSTRIAL VISIT













CONTACT INFO@IISE.AC FOR MORE DETAILS

TOP RECRUITERS

adani Power

BAJAJ Bajaj Electricals Ltd.

EXIDE

TATA POWER

HCT Sun
Selling power, not panels

JAKSON
EMPOWERING PEOPLE
Solar Energy Systems

Mitsui Chemicals

WAAREE®
One with the Sun

J. v. G. technology GmbH
The DESERT company

teqo
BY mahindra

CONTACT INFO@IISE.AC FOR MORE DETAILS



Apply Now

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