

Department of Non-violence and Peace

Jain Vishva Bharati Institute (Deemed University)

Six-month Skill Enhancement Course Certificate course in Renewable Energy

Skilling for Future: Viksit Bharat @ 2047

Course Code: CCRE-101

(Online Mode)

Duration	-	6 months															
Conducting Department	-	Nonviolence and Peace															
Course Content	-	• Concepts on Renewal and clean energy • Basic concept of Solar and Electrical System • Information about potential available in Solar PV sector • Introduction to Solar panels, Battery, Inverter • Identification of various problems in battery, inverter and their solutions • Design, Installation and Net metering • Operation and Maintenance of Solar Plant • Solar Project Management • Load calculation and preparation of estimate • Information of various schemes of Central and state Government • Field visit to solar stations and related industries • Other renewable energy sectors like wind, Ocean and sea waves etc.															
Eligibility	-	10 th Pass/Fail, HSC, ITI, Diploma, Graduate etc.															
Objective	-	To skill the candidates in the field of renewal energy which is needed in the field for the upcoming sector of Solar and Wind energy															
Fees	-	INR 20,000/- per candidate for 6 months															
Minimum Registered Students(for each batch)	-	15															
Maximum Registered Students (for each batch)	-	40															
Job prospects	-	Campus interview by prominent companies engaged in Solar sector															
Evaluation and Examination Criteria	-	The performance of the students shall be evaluated on the basis of continuous assessment and final theory examination conducted by the Department. The break-up is as follows:- <table><tr><th>Component</th><th>Marks</th><th>Percentage</th></tr><tr><td>Attendance and Class Participation</td><td>20 Marks</td><td>20%</td></tr><tr><td>Assignments and Viva-Voce</td><td>20 Marks</td><td>20%</td></tr><tr><td>Final Theory Examination</td><td>60 Marks</td><td>60%</td></tr><tr><td>Total</td><td>100 Marks</td><td>100%</td></tr></table>	Component	Marks	Percentage	Attendance and Class Participation	20 Marks	20%	Assignments and Viva-Voce	20 Marks	20%	Final Theory Examination	60 Marks	60%	Total	100 Marks	100%
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Students must secure a minimum of:

- 40% marks in the theory examination
- 50% aggregate marks overall

Candidates who successfully complete the course and fulfill the evaluation criteria shall be awarded the: **Certificate in Renewable Energy**

(Dr Lipi Jain)
Asst Professor, NVP

Through: HoD