

AQAR 2021-22

1.3 Curriculum Enrichment
1.3.3 Value Added Course Report- Physics

Value Added Course Solar PV systems: Installation and Maintenance

22.04.2022

The department offered a value-added course on solar PV systems installation and maintenance from 1.03.2022. Inaugurated on the same date, Beneficiaries about 80 students of both shifts one and two attended the course during outside class hours. The basic knowledge about solar cells was highlighted to all the students during this course and practical knowledge starting from power production to the Troubleshooting the entire based on the problems faced during or before or after were explained with hands-on experience.

A field visit was arranged to Bharathidasan University, Trichy on 18.04,2022 for the students of this course. During the field visit, the joint engineer of BDU Mr Pandarinathan accompanied and explained the various devices involved and the maintenance in a detailed manner regarding the 500 kW solar powerplant. He also stated that the current On-grid PV system that was installed can deliver Solar Power for around 20-25years depending on the maintenance of the entire setup. The added advantage of the constructed power plant is that the university can sustain clean and renewable energy on its own for more than 20years in the future he said.

The programme ended with a Valedictory session on 22,04,2022 where Dr Rose Venis, Dean-IQAC, SJC was the chief guest for the day. He stressed 'the need for a quality start-up in the current scenario' and thereby distributed the Course completion certificate to the student beneficiaries.

This entire Value-Added Course on Solar PV systems: Installation and Maintenance was a grand success for the department on reaching of around 35-40hours with efficient output.

HEAD, DEPT. DF PHYSICS SI. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI VAC: SOLAR PV INSTALLATION AND MAINTENANCE - S-I

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SOLAR PV INSTALLATION AND MAINTENANCE S-I 2012

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SOLAR PV SYSTEMS: INSTALLATION AND MAINTENANCE

Value Added Course



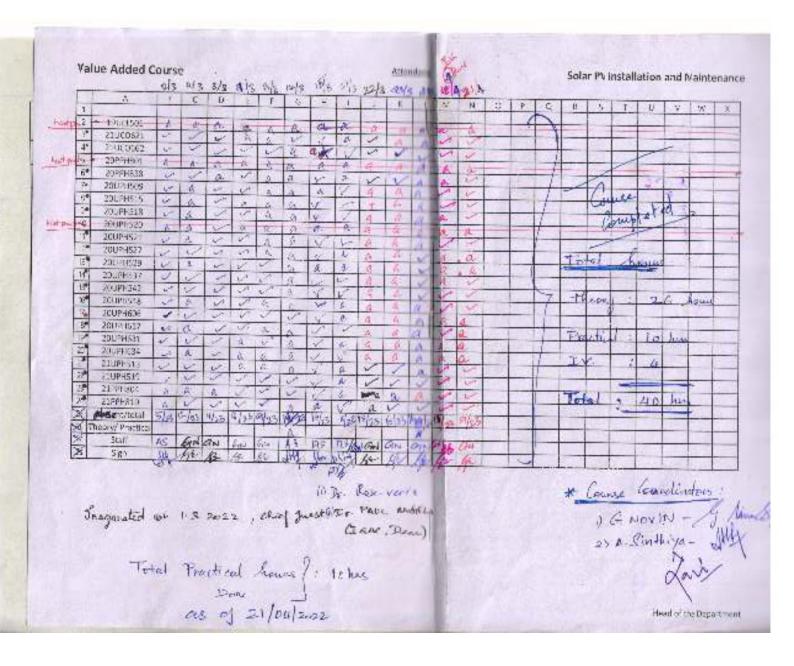






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