

P-V TRAINING 2017

Training in solar cable technology is conducted in collaboration with Hochschule Amberg-Weiden and LAPP GROUP, India.

Hochschule Amberg-Weiden is a university of applied sciences situated in Amberg, Bayern Germany and conducts worldwide projects in renewable energy and energy efficient technologies.

LAPP INDIA is a 100% subsidiary of the LAPP GROUP international manufacturing cables, connectors, cable glands, conduits and accessories. Lapp products specifically intended for solar energy applications are used worldwide.

Solar Installation 2017

Date: October 24th –28th, (Sunday–Thursday)

Time : 9am - 5pm

Registration fee Rs. 500,- paid by D.D. addressed to the , Director, Mithradham/ transfer to account:

Account number : 16920100003962

Acc. Holder: Director, Mithradham,

Fr. Dr. George Peter Pittappillil,

Bank: Federal Bank Chunangamveli Br. [kl]. Aluva.

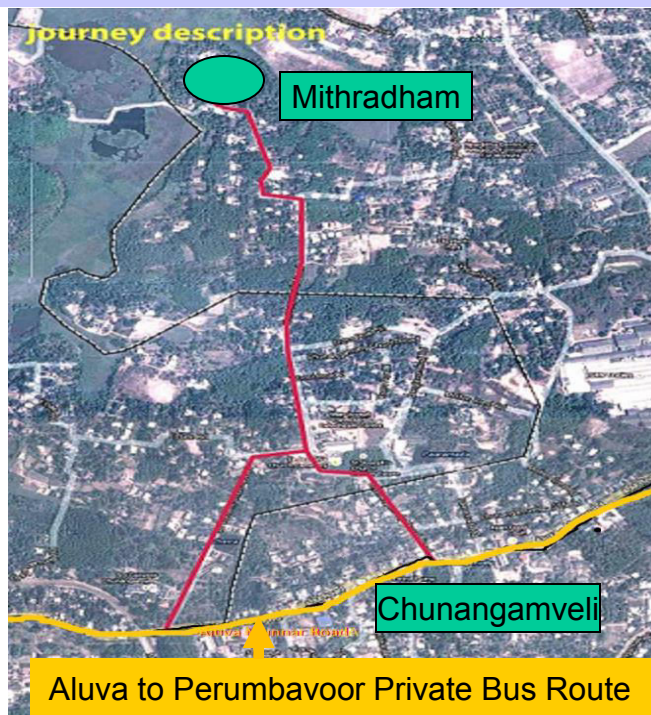
IFSC : FDRL0001692

Total course fee Rs. 15.000,- includes course material, lunch and refreshments. Course fee may be paid at the time of joining the programme.

Lodging with breakfast & supper Rs. 1.200/day for single room, Rs. 1.500/day for double room at the Centre.

Only 20 participants are admitted for the training programme and admission is on first come first serve basis.

ROUTE MAP TO MITHRADHAM



Address for Communication

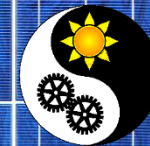
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Project coordination in Germany

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Renewable Energy Centre Mithradham



The first fully solar educational
institution in India.

18 Years Of Solar Power Plant



International Training Solar Installation Cable Technique

24.10 – 28.10.2017

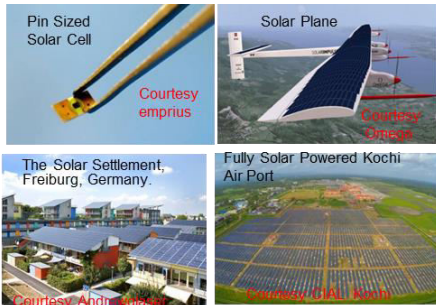
SOLAR PHOTO VOLTAIC (PV) - THE ENERGY OF THE FUTURE

Renewable power generating capacity saw its largest annual increase ever in 2016, with an estimated 161 gigawatts (GW) of capacity added. Total global renewable power capacity reached up 2,017 GW at year's end as per the ISES Renewables 2017 Global Status Report.

Solar PV saw record additions and, for the first time, accounted for more additional power capacity than any other generating technology. Solar PV represented about 47% of newly installed renewable power capacity in 2016. Solar PV is now one of the most important renewable energy sources in terms of globally installed capacity.

Driven by advances in technology and increases in manufacturing scale and sophistication, the cost of photovoltaic has declined steadily since the first solar cells were manufactured in 1950.

Solar panel is seen on the tip of a pin to wings of air planes, on house roof tops to international Air Ports. They can propel tiny motors to aero planes, and power homes, educational institutions, industries and large establishments of the entire world.



ONE WEEK PV TRAINING PROGRAMME IN MITHRADHAM

Renewable energy centre Mithradham is the first fully solar educational institution in India dedicated to the promotion of Renewable Energy, especially solar energy in India. The training in solar PV professional is offered with international experts for the last 17 years. The aim of the training programme is to offer hands on training on the core concepts necessary to work with all PV systems, including system components, site analysis, PV module criteria, mounting solutions, safety, and commissioning.

The present programme offers a one week training with German professional teacher Christoph Wuertemberger, an TÜV certified expert of Photovoltaic. Mr. Christoph has more than 25 year of Photovoltaic expertise and is the designer of the Photovoltaic system that powers Mithradham Centre for the last 18 years.

The Training program is intended for professional people who have the basic knowledge of electric installation and Photovoltaic. Mithradham has recently added new lab facilities for practical sessions and actual Photovoltaic Installation.

- Focus topics of the training program are:
- Stand alone System on 12 and 24 VDC voltage
 - Stand alone System with AC inverters
 - PV Hybrid System
 - Grid coupled PV System

Study visits to different solar installations are also offered as a part of the programme. A certificate will be issued at the end of the training programme.



Solar power plant in Mithradham (1999)



Energy Roof – CIS Module (2009)



PV Lab at Mithradham for practical training (2016)