



kSPL & CPRES Institute of Solar Technology

(Educate & Build The Solar Smart Student)

Basic training Program

About kCIST

kCIST is founded by IIT Bombay Professor Dr. Chetan Singh Solanki & CPRES (Center for Developing Entrepreneurship Skill & Knowledge) a Center of Excellence of DJMIT (Dr. Jivraj Mehta Institute of Technology). The Institute is focussed in giving explicit training to engineering and diploma students in the field of solar technology.

About Course

This course is a 2 days training program which is designed with a objective of empowering students in Solar. After attending this program students will be able to design a Solar Power Plant for their House/College. Students will also get the practical knowledge and skills to develop solar products which will boost their Entrepreneur skills.

Day 1

Part 1 (Overview)

- Solar Energy Scenario in India & Job Opportunities
- Basics of Solar Photo Voltaic Technology (PV)



Part 2 (Simulation & PV System Design on PVSyst)

- Basics of simulation tool
- Concepts of PV System Design
- Design a Solar Power Plant to light/power your own house/college
- Understand the system design using simulation tool
- Hands on experience to determine PV size, Inverter & Battery Capacity using tool
- Estimation of monthly power generation and financial savings

Day 2

Part 3 (Hands on Session)

Solar Operated Mobile Charger

- Design and build your own Solar Mobile Charger
- Get practical insight into basic and advanced features

Light seeking Robot

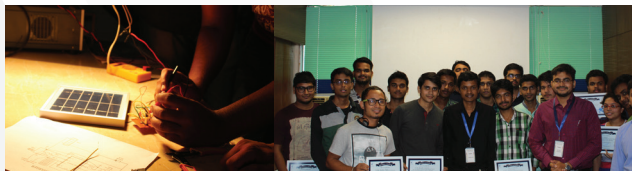
- Design and build your own Vision 180
- Get practical insight into basic and advanced features

Part 4 (Product Demonstration & Discussion)

- Solar Tracker
- Solar intensity meter

SOLAR TAKEAWAY KIT

- 2 X Solar Panel of 0.3WP
- Mobile charger component kit



Contact Details:

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Fees:-

Rs. 1500/- per candidate