

Suryamitra Skill Development Program:

Introduction

Suryamitra is a residential program to develop skilled technicians in solar powered projects funded MNRE/NISE

Need for Suryamitra

- India has set a target of 100 GW solar power by 2020
- According to Confederation of Indian Industry (CII) estimates, this will need about 7.5 lakh trained personnel in the solar energy field
- Suryamitra course is designed to meet this need

About Suryamitra initiative

- Suryamitra initiative is a part of Make in India scheme
- It is a 3 month training course
- The entire course is completed in 600 hours
- This skill development program is aimed to create skilled manpower in solar power plant and equipment installations

About National Institute of Solar Energy (NISE)

- It is an autonomous institution under MNRE
- NISE is the successor of Solar Energy Center (SEC)
- GOI has converted SEC that was in operation for 25 years into NISE under MNRE
- NISE is the apex R & D institution in the field of solar energy
- NISE helps GOI in achieving the National Solar Mission
- NISE coordinates technology and research work pertaining to Solar power

Funding Agency

100 % funding for Suryamitra by GOI through NISE (MNRE)

Services covered under Suryamitra

- Solar project installation
- Provide servicing for solar powered panels
- Solar project repair
- Solar equipment servicing
- Solar project maintenance
- Servicing in solar power plants
- Servicing of solar products like

Solar cookers
Solar pumps
Solar lamps
Solar heaters etc

- Suryamitras are skilled technicians in the above services

Recent Developments

- NISE developed the Suryamitra App recently
- It is a GPS based mobile App
- This mobile app can handle 1000's of calls at the same time
- The app is categorized in the high end technology platform segment
- The suryamitra app enables monitoring of suryamitra visits in an efficient manner

Benefits

- Suryamitra scheme creates job opportunities in various solar industries
- Helps in reducing the unemployed youth
- 80 percent of the trained Suryamitras are placed in a solar field company with a good remuneration
- Rest of the Suryamitras are becoming entrepreneurs in the solar energy field
- The skill development program promotes entrepreneurship and employment

Conclusion

- Suryamitra will create employment in the solar energy field
- Solar energy use will be projected to the public through the Suryamitra mobile app
- Suryamitra mobile app create demand for solar based products and act as a catalyst
- Overall, Conventional energy consumption will be reduced to a great extent by switching to solar energy benefiting India as a whole

Suryamithra Program Phase-I at RVCE

