



# The Programme for Design, Installation & Commissioning of Solar Water Pumping System Training Programme (VARUNMITRA)

## National Institute of Solar Energy –Gwal Pahari Gurugram



**Introduction & Objective:** The Solar Water Pumping “Varunmitra” program has been sponsored by MNRE and NISE is implementing this programme. It will be fully financed by NISE/MNRE. The main objective of the programme is to train the people in Renewable Energy, Solar Resource Assessment & Basics of Solar Photovoltaic Understanding of Mounting structures, Site feasibility, Water table, Efficiency and Different Types of Heads Solar Water Pumping components such as DC- DC converter, inverter, battery, motors, pump – motor set. Design and Installation of Grid & Standalone Solar PV Water Pumping System. Testing & Commissioning, O&M, Safety Practices for Solar PV Water Pumping System.

Total Duration : 3 Weeks /120 Hrs

Course Fees : Free

Number of Seats : 20

Date of Starting : 1<sup>st</sup> January – 19<sup>th</sup> January, 2019

Last date of receiving the application at NISE : 28<sup>th</sup> December, 2018

Accommodation : On request (600 per day per person)

**Target Audience:** Diploma (Electrical/ Electronic/Mechanical/I&C) / Graduate Engineers (Electrical/ Electronic/Mechanical/I&C) ; Solar Entrepreneurs; Public Sector Undertaking Officials; EPC contractors ; etc final selection of participants for the orientation will be done by the NISE on first come first basis.

**Mode of Training:** Classroom lecture, Practical Hands-on, Field visit, Industrial visits, Lab experiments, Project Profiles –Business Entrepreneurship

### How to Apply:

Contact Person : Ms Pooja Sharma, Consultant

Email-ID: varunmitra.nise@gmail.com, startups.nise@gmail.com

Contact : 9999725683,9818156427, 0124-2853039



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Pumping System Training Programme (VARUNMITRA)  
National Institute of Solar Energy –Gwal Pahari Gurugram**



## **Information submission Form**

Kindly provide the following details:

1. Name of the Delegate
2. Age (as on date, must be given)
3. Qualification
4. Designation (if applicable)
5. Organization (if applicable)
6. Address
7. Mobile No. (must be given)
8. Telephone No. (if any)
9. E-mail ID (must be given)