



**TRA Renewables**

A UNIT OF KPL INTERNATIONAL LTD.

## **The National Institute for Entrepreneurship and Small Business Development (NIESBUD)**

[An autonomous institution under the Ministry of Skill Development & Entrepreneurship,  
Govt. of India]

A-23, Sector-62, Noida, UP – 201309 | Web: [www.niesbud.nic.in](http://www.niesbud.nic.in)

### **ENTREPRENEURSHIP DEVELOPMENT PROGRAM** **ON SOLAR ENERGY** **17<sup>th</sup> & 18<sup>th</sup> June, 2017**



**ENTREPRENEURSHIP DEVELOPMENT PROGRAM**  
**ON SOLAR ENERGY**  
**17<sup>th</sup> & 18<sup>th</sup> June, 2017**

<b>EDP IN SOLAR</b>		
<b>Date</b>	<b>Venue</b>	<b>COURSE FEE</b>
<b>17<sup>th</sup> &amp; 18<sup>th</sup> June, 2017</b>  <b>Timing – 10 a.m. to 5.00 p.m.</b>	<u><b>HYDERABAD</b></u> <b>Hotel IK London Residency</b>  6-3-656, Kapadia Lane, Somajiguda, Hyderabad, Telangana 500082	<b>Rs. 7500/-</b> Includes Lunch, Morning & Evening Tea with Snacks & Soft copy of all the study material)
	<u><b>AHMEDABAD</b></u> <b>Hotel Ginger</b>  Drive-In Road, Behind Himalaya Mall, Ahmedabad, Gujarat 380015	
	<u><b>JABALPUR</b></u> <b>Hotel Samdareeya</b>  Russel Chowk, Dr. Barat Road, Jabalpur	<b>Rs. 6500/-</b> Includes Lunch, Morning & Evening Tea with Snacks & Soft copy of all the study material)

**BRIEF DESCRIPTION OF TRAINING PROGRAM**

This training program is designed for professionals who are looking at demystifying the business, finance, technology & regulatory landscape of solar energy. In this program, information necessary to enter the business of Solar Energy will be provided along with excellent networking opportunities. A candidate will be able to have an understanding of the **Installation & Design of a Solar system, Technology & Components, Site analysis, Load calculations, How to enter the business of solar, National Solar Mission, Government & State policies, Fundamentals of Solar Photovoltaics**. The course will be conducted in a workshop mode (participative) and each session builds upon the previous session. We also conduct one to one session with each participant at the end of the training.

## **COURSE CURRICULUM**

### **Day 1**

1. Brief about Solar Energy.
2. Global in solar at a glance
3. India in solar at a glance
4. Electric power scenario in India
5. Reasons to invest in solar in India
6. What is MNRE , SECI , IREDA , Nodal Agencies
7. JNNSM ( Subsidy , promotion activities )
8. Rating Agencies
9. Types of solar systems
10. Solar PV system
11. What is solar panels
12. Types of solar panels available in market
13. Types of solar cells ( Technology )
14. Types of solar PV systems
15. What solar OFF – GRID / Roof Top system
16. Solutions available of OFF – Grid System (Solar home pack system, street light etc.)
17. SIZING OF SOLAR OFF GRID System
18. Components OFF – GRID System
19. Business Opportunities of Solar OFF Grid ( Roof Top ) system in India market ( Rural / Urban )

### **Open discussion**

### **Day 2**

1. Solar ON – GRID ( Roof Top ) system
2. Components ON – GRID ( Roof Top ) System
3. SIZING OF SOLAR ON GRID System
4. Business Opportunities of solar ON Grid ( Roof Top ) system in India market
5. Solar Grid connected System ( MW projects )
6. Business Opportunities of Solar MW system in India market
7. Sizing of Solar Grid Interactive System
8. Types of Solar Thermal system
9. Technology of Solar Thermal System
10. Solar Thermal System application Industrial and Domestic
11. Green Branding & Marketing
12. Strategies, Tactics & Implementation
13. Social and Ethical Perspectives
14. Exploring Customer Needs; Planning
15. Relationship development with dealers and suppliers
16. Relationship development with customers
17. Business development models for rural market / industrial / domestic
18. Case study of solar PV System

### **Open discussions / feedback session**

### **Certificate Distribution**

## **WHO SHOULD ATTEND**

1. Architects
2. Industrialists
3. Consultants
4. Entrepreneurs
5. Students
6. Retired People
7. People in Service
8. Corporate
9. Engineers

## **PAYMENT DETAILS:**

1. **DD:** Please make DD payable New Delhi favoring "M/S TRA Renewables (A Unit of KPL International Limited)"

2. **NEFT/ RTGS:**

**Account Name :** TRA Renewables (A Unit of KPL International Limited)

**Bank Name :** Axis Bank

**A/C No:** 913020024687440

**Ifsc Code:** UTIB0000007

**Branch code:** 007, Axis bank Statesman House, Barakhamba Road, New Delhi - 110001.

3. **Online Registration & payment:**

1. Visit Site - **<https://tra.nxt-ed.com/courses>**
2. Sign up at the website by clicking on the tab on the top right hand corner.
3. Once you will sign up at the website, confirmation e-mail will be sent on your registered id. Please follow the instructions mentioned in the email to confirm your registration.
4. Once your account is confirmed, sign in with your account on the website and choose the course you want to attend.
5. Click enroll.

**(We request you to kindly forward us the scan copy of your online/NEFT payments/DD confirmation receipt so that we can keep a copy of your payment receipts and confirm your participation from our end.)**

**Max class size:** 40

Reservation of participants will be done on first come first serve basis due to limited seat availability.

## **ORGANIZERS**

### **The National Institute of Entrepreneurship and Small Business Development (NIESBUD)**

The National Institute for Entrepreneurship and Small Business Development is an apex organisation under the Ministry of Skill Development and Entrepreneurship, Government of India engaged in Training, Consultancy, Research and Publication, in order to promote entrepreneurship. The major activities of the institute consist of Training of Trainers (ToT ), Management Development Programmes (MDP), Entrepreneurship- cum-Skill Development Programmes (ESDP) and Entrepreneurship Development Programmes (EDP) etc. NIESBUD has provided training to 9,43,625 persons as of March 31, 2016 through 36,877 different training programmes since inception. This includes 3,194 international participants hailing from more than 130 countries throughout the globe. The Institute has been certified as an ISO 9001: 2008 by TUV NORD CERT GmbH, in March, 2014.

### **TRA Renewables (A unit of KPL International Ltd)**

**TRA is empanelled with MNRE as “National Level Trainers”, is a SETNET partner of NISE (National Institute of Solar Energy) the nodal agency appointed by the GoI to train close to 5 lac persons in Solar in the next 5 years.** We have been conducting trainings in Solar for the past 6 years successfully across the country and created close to 90 hours of online solar courses which have been vetted and put on the IRENA (International Renewable Energy Agency) website.

**We are also ‘A’ grade channel partners listed for roof top installations by MNRE and ICRA has assigned TRA with SP2A rating indicating “High Performance Capability” and “Highest Financial Strength”. TRA has been awarded “Best Company in Capacity Building” by SESI for the year 2014.** We also have the experience in setting up the first dual axis tracking system in MW Solar power plants scale in the country

**Address:** 905 & 906, 9<sup>th</sup> Floor, Indraprakash Building, Barakhamba, New Delhi – 110001

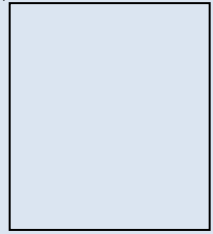
**Mobile:** +91-8800924880, **Landline:** 011-43579259, **E-mail:** anil@tra-renewables.com / solar.niesbud@gmail.com

**Website:** www.niesbud.nic.in, www.tra-renewables.com

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## REGISTRATION FORM (Please fill the details in capital letter)

<b>Name Mr / Mrs /Miss</b>																												
<b>Date of Birth</b>															<b>Gender</b>	<input type="checkbox"/> Female <input type="checkbox"/> Male												
<b>Educational Qualification</b>																												
<b>Address</b>																												
<b>Identity Card</b>	Voter ID Card/Ration Card/ Passport/DL/ Pan Card/ Bank/Account No / BPL Card/ UID/Similar Document <b>One of the above mentioned documents is mandatory</b>																											
<b>Telephone/Mobile No</b>																												
<b>E-mail</b>																												
<b>Trainee's Objective</b>	<input type="checkbox"/> Business <input type="checkbox"/> Job																											
<b>Place of the programme</b>																												
<b>Payment mode</b>	<input type="checkbox"/> DD No. _____ / <input type="checkbox"/> Cash / <input type="checkbox"/> Online																											

I declare that the information furnished above is true and nothing has been concealed. I know that my candidature can be cancelled, if any statement is found incorrect.

**Applicant Signature & Date**

**Note:**

- Please bring original registration form with one photograph, one photocopy of any ID proof and NEFT/ONLINE transaction details.
- Reservation of participants will be done on first come first serve basis due to limited seats availability.