



NSC-2019

NATIONAL SOLAR CONCLAVE-2019

Date: 16th February, 2019

Venue: Conference Hall, IIA Bhawan, Gomti Nagar, Lucknow – 226 010, UP

About NSC: The Indian Industries Association (IIA) alongwith the UPNEDA is organizing India Solar Expo-2019 (ISE-2019) from 15th to 17th February 2019 at IIA Bhawan, Lucknow. In this three days exhibition more than 70 top solar companies from India and abroad are displaying their products and services. One day “National Solar Conclave-2019” will be held concurrently with the exhibition on 16th February 2019 at the same venue. The objective of this National Solar Conclave is to provide information on up-to-date technological developments, future prospects and opportunities in the solar industry, the programmes and schemes of the government for solar energy in the states and country and the status of skilled development in the sector. Focus will also be on the certification and testing facilities available in the country as well as environmental threats arising on the mass utilization of solar energy in the country.

Target Audience / who will be benefitted by attending this Conclave:

1. Prospective Entrepreneurs and Startup's
2. Academia/ Professionals/Students
3. Industry Representatives
4. Government/ Government Undertaking Delegates

Main Topics to be covered :-

1. Grid and Off-Grid Solar Power System Installations
2. Solar Industry - Startup's Entrepreneurship
3. Solar Technologies and Innovations
4. Financing of Solar Projects.
5. Skill Development and Make in India Programmes in Solar Industry

Participation Fees inclusive of GST :-

Rs. 1000/- per participant

(50% and 75% concession in participation fee is applicable for IIA Members and students from Professional / Educational Institutions with valid ID Cards).

Participation fee is to be paid in favour of “Indian Industries Association” and deposited in Punjab National Bank, Account No. 3926002105000804, IFS Code PUNB0392600 .

Registration:-

Click at: <http://www.aiss.org.in/index.php?page=confirm>

Maximum Seats: 100 Nos for Non Members, 50 for IIA Members and 50 for Students.
(Registration is open on first come first serve basis)

Contact persons:

Ms Premlata Sharma, Executive IIA and Co-ordinator NSC-2019: Mob- 8601855546 ;

Email: mkb@iiaonline.in; info@aiss.org.in.

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16th Feb 2019

Programme Schedule

Inaugural Session; 10.00 AM to 11.30 AM

Chief Guest:- Shri Alok Kumar- I, IAS, Principal Secretary, Energy & Additional Sources of Energy, Govt of UP

Guests of Honor:-

1. Shri Shushil Kumar Patel, IAS, Director, UPNEDA
2. Dr. P.C. Pant, HRD Division, MNRE
3. Shri K.K. Singh, Regional Executive Director North, NTPC
4. Dr. Ram Jass Yadav, GM, Bank of Baroda

<u>S.No.</u>	<u>Time</u>	<u>Activity</u>	<u>Remarks / Speaker</u>
1.	10.00 AM - 10.30 AM	Registration of the participants and networking tea	
2	10.30 AM – 10.35 AM	Welcome of Chief Guest and Guests of Honours	Mr. Tariq Hasan, Chairman, IIA Solar Energy Committee.
3.	10.35AM – 10.40AM	Lighting of Lamp	
4.	10.40AM – 10.45AM	Introduction of the National Solar Conclave	Prof. Usha Bajpai, Convener, NSC
5.	10.45AM – 10.55AM	Address by President, IIA	Mr. Sunil Vaish
6.	10.55AM – 11.05AM	Address by Guests of Honour(s)	
7.	11.05AM – 11.20AM	Address by Chief Guest	Shri Alok Kumar- I, IAS, Principal Secretary, Energy & Additional Sources of Energy, Govt of UP
8.	11.20AM – 11.30PM	Presentation of Memento and Vote of Thanks	Mr. Manmohan Agarwal, General Secretary, IIA

SESSION-1 – Grid and Off-Grid Solar Power System Installation (12.00 Noon to 2.00 PM)

Chairperson:- Shri Shushil Kumar Patel, IAS, Director, UPNEDA

Speakers:

1. Dr. P.C. Pant, HRD Division, MNRE
2. Dr Suresh C. Bajpai, Renewable Energy and Energy Management Consultant

<u>S. No</u>	<u>Timings</u>	<u>Topics</u>	<u>Speaker</u>
<u>1.</u>	<u>12.00Noon-12.10PM</u>	Opening Remark by the Session Chairman	Shri Shushil Kumar Patel, IAS, Director, UPNEDA
<u>2.</u>	<u>12.10PM-12.25PM</u>	Grid and Off-Grid Solar Power- An Overview	Dr. Suresh C. Bajpai
<u>3.</u>	<u>12.25PM-12.40PM</u>	Subsidies, Other Schemes and Policies for Setting Up of Solar Power Plants.	Dr. P.C. Pant
<u>4.</u>	<u>12.40PM-01.00PM</u>	Solar Policies, Net Metering and Regulatory Issues/Schemes from User Point of View	Representative from UPNEDA
<u>5.</u>	<u>01.00PM-01.30PM</u>	Q. A Session and Concluding Remarks by the Chairman and presentation of Memento's	
<u>6.</u>	<u>01.30PM-02.00PM</u>	Lunch Break	

SESSION-2 – Solar Industry – Technologies, Innovation & Startup’s - 2.00 PM to 3.30 PM**Chairperson:-** Dr. Deepak Gadhia, Board Member, Muni Seva Ashram, Vadodara**Speakers:**

1. Shri P.K. Sood, Solar Energy Society of India.
2. Prof.(Dr.) Bharat Raj Singh, FIE, Director General (Technical), School of Management Sciences
3. Shri A. K. Singh, Chief General Manager / OIC, NABARD*
4. Representative of Bank of Baroda*
5. Solar Industry representatives

S. No	Timings	Topics	Speaker
<u>1.</u>	<u>02.00PM-02.15PM</u>	Opening Remark by the Session Chairman	Dr. Deepak Gadhia
<u>2.</u>	<u>02.15PM-02.30PM</u>	New Technologies / Innovations in Solar Energy.	Shri P.K. Sood
<u>4.</u>	<u>02.30PM-02.40PM</u>	Development of Rooftop Solar Sector in India	Prof.(Dr.) Bharat Raj Singh, FIE, Director General (Technical), School of Management Sciences
<u>5.</u>	<u>02.40PM-02.50PM</u>	Financing of Solar Projects under Startup Scheme of Govt. of India	Shri A K Singh, CGM, NABARD Representative of Bank of Baroda
<u>6.</u>	<u>02.50PM-03.20PM</u>	Panel Discussion on Opportunities and Challenges in Solar Industries in India	Panelists from Solar Industry: <ol style="list-style-type: none"> 1. Mr. Lokesh Vats, MD, Easy Solar Solutions 2. Mr. Sanchit Garg, Allaince Automotives (P) Ltd. & Member IIA Solar Energy Committee. 3. M/s Patanjali Renewable Energy Pvt. ltd. 4. Mr. Vinod Shankar Ravi, AGM-Marketing & Distribution , Havel’s India etc
<u>7.</u>	<u>03.20PM-03.30PM</u>	Q. A Session, Concluding remarks by the Chairman and Presentation of Momentos	

*Invited, Confirmation to be received.





SESSION-3– Skill Development and Make in India Programmes in Solar Industry- 03.30 PM to 5.00 PM**Chairperson:-** Prof. Usha Bajpai, Convener, National Solar Conclave**Speakers:**



1. Mr. Vikas Gupta, Solar Energy Consultant and Entrepreneur and Co-Convener, National Solar Conclave.
2. Solar Industry representatives

S. No	Timings	Topics	Speaker
<u>1.</u>	<u>03.30PM-03.40PM</u>	Opening Remark by the Session Chairman	Prof. Usha Bajpai,
<u>2.</u>	<u>03.40PM-04.40PM</u>	Panel Discussion on Skill Development in Solar Sector. and Concluding remarks by Session Chairman.	Panelist:- <ol style="list-style-type: none"> 1. Prof. Usha Bajpai, 2. Mr. Vikas Gupta. 3. Nitin Chindha KapadnisSr. Vice President, Waaree Energies Ltd. 4. Mr Sagar Shetty, Product Manager REN/Heat, Pump/ Gas Heaters, Racold
<u>3.</u>	<u>04.40PM-04.50PM</u>	Concluding Remarks on National Solar Conclave	Prof. Usha Bajpai, Convener, National Solar Conclave
<u>4.</u>	<u>04.50PM-05.00PM</u>	Vote of Thanks and Presentation of Momentos	Mr. Tariq Hasan, Chairman IIA Solar Energy Committee.

Expert Speakers Profile:

S. No.	Name of the Speakers	Brief Profile
1	 <p data-bbox="264 589 632 651">Mr. Shushil Kumar Patel, IAS, Director, UPNEDA</p>	<ul data-bbox="683 300 1461 365" style="list-style-type: none"> • Special Secretary, Energy Department, Govt of Uttar Pradesh • Director, UPNEDA
2	 <p data-bbox="264 1099 632 1162">Prof. Usha Bajpai, Convener, National Solar Conclave-2019</p>	<ul data-bbox="683 669 1469 1355" style="list-style-type: none"> • Former Coordinator, Centre for Renewable Energy Education and Research, University of Lucknow, Lucknow • Former Professor in Physics, University of Lucknow • Former Director, B Voc Renewable Energy Technology Programme, University of Lucknow • Former Course Coordinator, Suryamitra Skill Development Programme, University of Lucknow • Former Faculty Member, Usmanu Danfodiyo University, Sokoto, Nigeria • Started India's First M Sc Renewable Energy Programme in the University of Lucknow in 2007 • Established the Centre of Excellence in Renewable Energy Education and Research in the University of Lucknow with financial grant from MNRE • Authored/Co-authored 160 research papers published in International and National Journals or presented in International and National Conferences • Received 16 honours and awards • About 40 years experience in research, development and training activities in renewable energy
3	 <p data-bbox="264 1727 632 1821">Dr. Deepak Gadhia, Board Member, Muni Seva Ashram, Baroda</p>	<ul data-bbox="683 1404 1469 1742" style="list-style-type: none"> • Worked for various leading German Companies like Wacker Chemie GmbH, DEG Engineering GmbH, HTT GmbH, HTA GmbH etc., in the field of Heat Recovery and Energy Conservation. • Co-Founder of Excellent Renewable Pvt Ltd. (ERPL) • Social Entrepreneurs, Gadhia Solar Energy Systems Pvt. Ltd. • Board Member of Solar Cooker International (SCI) a NGO in USA • Presently Board Member of Muni Seva Ashram, a NGO in Goraj, Vadodara, Gujarat

4	 <p>Dr. P.C. Pant, Scientist- F, MNRE</p>	<ul style="list-style-type: none"> • Had position of Project Officer at Non-Conventional Energy Development Agency • Presently Scientist- F, MNRE, New Delhi • Coordinator for International Training Activities at the National Institute of Solar Energy under Indian Technical and Economic Cooperation Programme • Divisional Head for HRD, Training, Innovative Projects and support to States activities in India • Conceptualized, developed and now steering National Solar Science Fellowship Programmes, National Renewable Energy Fellowship Programme
5	 <p>Prof.(Dr.) Bharat Raj Singh, FIE Director General (Technical), School of Management Sciences</p>	<ul style="list-style-type: none"> • Dr Singh has approx. 4-decades experience pertaining to Industry, Administration and Academics • Served 32 years in various Government Organizations and retired as Managing Director, UP Rajkiya Nirman Nigam, Lucknow • Working on the burning issues of Global Warming • Member of Editorial / Advisory Boards of about 39- leading International Journals. • Fellow Member of Institution of Engineers (India), Chartered Engineer (India) in 1985, , • Member of International Association of Engineers; IAENG-105641 (M) in 2010 • Life Member-The Indian Society for Technical Education (ISTE), India
6	 <p>Shri P.K. Sood, Chairman, Regnant Energy Solutions</p>	<ul style="list-style-type: none"> • Chairman, Regnant Energy Solutions • Governing Council member of “Solar Energy Society of India”. • Ex. President of “Confederation of New & Renewable Energy Manufacturers / Consultants. • Technology partner in TERI University’s “Lighting a Billion Lives” program. • Governing Body Member of “Indian Society of Lighting Engineers” • Member Technical of BEE Star Labeling Program. • Trained specialist by Lumenyte International California (USA) in 1995 for “Architectural Fiber Optic Lighting”. Vice Chairman of Organizing Committee of LII and Lux Pacifica 2015 which was organized in Kolkata by ISLE in November, 2015. • Vice President of LEDMA & LEDMA representative on BIS ETD-23 Technical Committee.
7		<ul style="list-style-type: none"> • Renewable Energy and Energy Management Consultant and Chief Advisor, Research Institute of Social Entrepreneurship (RISE) • Former Director, Futuris Energy (P) Ltd • Former Chief Advisor (Research and Product Development) REN-EN-GEN Solutions Pvt. Ltd., • Former Ag. Director, Sokoto Energy Research Centre, Usmanu Danfodiyo University, Nigeria • Former UNCHS Expert on Use of New/Renewable Energy in Low-Cost Housing Programme, Building Research Institute, Kingston, Jamaica

	<p>Dr. Suresh C Bajpai, Renewable Energy and Energy Management Consultant</p>	<ul style="list-style-type: none"> • Authored/Co-authored 130 research papers published in International and National Journals or presented in International and National Conferences • Edited/ Authored 03 Books • Lifetime Achievement Award by the IOSRD-2018. • About 40 years experience in research, development and training activities in renewable energy
8	 <p>Mr. Vikas Gupta, Solar Energy Consultant & Entrepreneur- Co- Convener National Solar Conclave</p>	<ul style="list-style-type: none"> • Operated Solar Energy Venture, with a special focus on new technologies such as Concentrated Solar Thermal (CST) and Hybrid PV.
9	 <p>Mr. Sanchit Garg, IIA Solar Energy Committee Member</p>	<ul style="list-style-type: none"> • MD, Alliance Automotive Pvt. Ltd. • Secretary for Uttar Pradesh Solar Vyapar Mandal • Member of IIA Solar Energy Committee • Member of Organizing Committee of National Solar Conclave-19