

The Institution of Engineers (India)

One day Seminar on

“Advancements in Solar Thermal Technologies”

On 31st August, 2018

REGISTRATION FORM

1. Name :.....
2. Age:.....& Gender.....
3. Qualification :.....
4. Designation :.....
5. Name of the Institution :
-
6. Department :.....
-
7. Address for Communication :
-
-
8. Mobile Number :.....
9. E-mail :
10. Cheque & DD No :
11. Bank Name & Branch :

The information provided herewith is true to the best of my knowledge. I abide by the rules and regulations governing the seminar programme.

Date: _____ Signature of *Applicant*

Application form complete in all respects has to be sent to Er. Shailendra Deva, MIE

CONVENOR

**Head, Department of Mechanical Engineering
Sri Ram Murli Smarak
College of Engineering & Technology, Bareilly**

CHIEF PATRON

Shri Dev Murti, Chariman, SRMS Trust

PATRON

Shri Aditya Murti, Secretary, SRMS Trust

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Chairman, IEI – Bareilly Local Centre, Bareilly

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Head, Mechanical Engineering Department, SRMS CET, Bareilly

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Assistant Professor, SRMS CET Bareilly

&

All Committee Members of IEI – Bareilly Local Centre, Bareilly.

The Institution of Engineers (India)

AN ISO 9001-2008 CERTIFIED ORGANISATION

(Established in 1920, Incorporated by Royal Charter 1935)

“98 years of relentless journey towards Engineering
Advancement for Nation Building”

One day Seminar on

“Advancements in

Solar Thermal Technologies”

On 31st August, 2018

Organized by



The Institution of Engineers (India)

Bareilly Local Centre

270, Camphor Estate Colony, C.B. Ganj, Bareilly - 243502

Under the Aegis of

Mechanical Engineering Division Board

(MCDB) of IEI.

In association with



SRMS

Department of Mechanical Engineering

Sri Ram Murli Smarak

College of Engineering & Technology, Bareilly

Ram Murli Puram 13 Km, Bareilly-Nainital Road, Bhojipura-243202, UP, India

Phone: 91-581-2582246, 2582249, 2582331, 2582332, FAX: 91-581-2582330

website : <http://www.srms.ac.in/cet/>

VENUE :

New Seminar Hall, SRMSCET, Bareilly

ABOUT THE INSTITUTION OF ENGINEERS (INDIA):

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 121 Centres located across the country. The Institution provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org

ABOUT THE IE (I) BAREILLY LOCAL CENTER [IEI-BLC]:

The Bareilly Local Centre has been one of the active centers of IEI which is engaged in successfully translating the objectives and ethics of IE (I) into practices. The center was established in December, 2011. Bareilly Local Centre has 666 corporate members and 12 Institutional Members ((SRMS college of Engineering and Technology, Future Institute of Engineering and Technology, Shri Siddhivinayan Institution of Engineering and MIT, Moradabad) as on 31-03-2018.

It regularly organizes technical and special lectures in the fields of Engineering, Management and Topics of current interest. Industrial visit also arranged to industries to promote technical interaction among the members and the industries.

IEI-BLC acknowledges and financially support various technical seminars, workshops, etc on regular basis.

For More information please contact the IEI Bareilly Local Centre, 270, Camphor Estate Colony, C.B. Ganj, Bareilly - U.P. 243502. Mob.: 9897289812, 963953691, Email Id: bareillylc@ieindia.org,

ABOUT THE ASSOCIATED COLLEGE :

Shri Ram Murti Smarak College of Engineering & Technology, Bareilly a premier engineering college of North India, was established in the year 1996, under the aegis of Shri Ram Murti Smarak Trust Bareilly. SRMS CET is known for its commitment to render quality and value based education. The college has demonstrated perennial evidence of merit and quality by achieving a respectable position among all private and govt. colleges of Dr. A. P. J. Abdul Kalam Technical University, Lucknow Uttar Pradesh. It is one of the oldest technical institutes of AKTU having its campuses in Bareilly & Lucknow.

SHRI RAM MURTI SMARAK TRUST RUNS FOLLOWING INSTITUTIONS IN BAREILLY & LUCKNOW :-

1. SRMS College of Engineering & Technology, Bareilly
2. SRMS College of Engineering, Technology & Research, Bareilly
3. SRMS College of Engineering & Technology, Unnao
4. SRMS Institute of Medical Sciences, Bareilly
5. SRMS International Business School, Unnao
6. SRMS R. R. Cancer & Research Centre Bareilly
7. SRMS Institute of Paramedical Sciences Bareilly
8. SRMS Functional Imaging Centre, Lucknow
9. SRMS Hospital, Unnao
10. SRMS School, Unnao (A Charitable School)
11. SRMS College of Nursing, Bareilly
12. SRMS College of Law, Bareilly
13. SRMS Goodlife A Wellness Centre, Bareilly

OBJECTIVES

It is opportune time to harness solar energy in an efficient way. Solar energy is free of cost, green in nature and abundantly available, but as a matter of fact it is intermittent in nature. Thus while designing a system based on solar thermal technology an utmost care is to be taken regarding its exergy or say second law efficiency along with internal heat & mass transfer of the system. As on date a number of devices such as solar dryers, water heaters etc are working either on partially or completely based on solar energy for meeting short demand. There is an urgent need to make them operative for large demand as well as to obtain nocturnal productivity from solar thermal devices. This can be achieved firstly by detailing the energy balance and tracking the destruction of energy inside or outside the system and secondly by adding some virtual source of energy to store extra amount of energy in sunshine hours which can be used in off sunshine hours.

Present seminar on "Advancement in Solar Thermal Technologies" shall host technical discussion based on the advances, optimization and thermal analysis of following devices (indicatively but not limited to) based on solar thermal technology:

• THEME

- Solar Desalination Technique
- Solar Dryers
- Solar water Heaters
- Solar Collectors
- Energy Storage (Sensible, Latent and mix mode)

KEY NOTE SPEAKERS:

Prof S. K. Shukla, FIE

Professor, Department of Mechanical Engineering
IIT-BHU

Former Pro Vice Chancellor, Ranchi University

Invited Talk:

Er. Shailendra Deva, MIE

Head, Department of Mechanical Engineering
SRMSCET, Bareilly

REGISTRATION FEE:

The Registration fee must be paid as DD, drawn in favour of "The Institution of Engineers (India), Bareilly Local Centre" payable at Bareilly.

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The Registration fee must be paid as DD, drawn in favour of "The Institution of Engineers (India), Bareilly Local Centre" payable at Bareilly.

Category Corporate Member of IE(I)	Fee 150
Non IEI Members/ Faculty/ Research scholar	Fee 200
Students	Fee 150

IMPORTANT DATE:

Last Date for receipt of applications & Intimation of selection, Confirmation by Participants: 30th August, 2018