

One day Workshop
on
**EMERGING ENERGY STORAGE
TECHNOLOGIES FOR SOLAR
SYSTEM**

24th January, 2020

REGISTRATION FORM

Name :

(In Block Letters)

Designation :

Department :

Contact Address:

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Mobile :

E-Mail :

Name of the College: (with full address)

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Payment details:

Amount :

DD.No :

Dated :

Bank :

Signature of the Candidate :

Signature of the Head of the Department/Institution

with Seal:

ORGANIZING COMMITTEE

Chief Patrons

Shri.D.Lakshminaraswamy

Managing Trustee

Shri.R.Sundar

Joint Managing Trustee

Patron

Dr.N.R.Alamelu, Principal

Chair Person

Dr.P.Karuppuswamy

Professor & Head, Mech Engg.

Course Coordinator

Dr.N.Gunasekar

Associate Professor, Mech Engg.

Course Co-ordinator

Mr.P.Jidhesh

Assistant Professor, Mech Engg.

**ADDRESS FOR REGISTRATION
AND CORRESPONDENCE**

Dr.N.Gunasekar, Associate Professor

Mr. P.Jidhesh, Assistant Professor

Mobile: 7904126609/9500272701

Email: n.gunasekar@srec.ac.in

jidhesh.p@srec.ac.in

Department of Mechanical Engineering

Sri Ramakrishna Engineering College

(Autonomous institution)

NGGO Colony Post, Vattamalaipalayam,

Coimbatore-641 022

One day Workshop
on
**EMERGING ENERGY STORAGE
TECHNOLOGIES FOR SOLAR SYSTEM**
24th January, 2020



Sponsored by
Council of Scientific & Industrial Research (CSIR)

Convenor
Dr.N.Gunasekar
Associate Professor

Co-ordinator
Mr.P.Jidhesh
Assistant Professor



Organized by
Department of Mechanical Engineering
(Accredited by NBA)

Sri Ramakrishna Engineering College

(Autonomous Institution, Approved by AICTE)

Accredited by NAAC with 'A' Grade,

Permanently Affiliated to Anna University Chennai)

NGGO Colony Post, Vattamalaipalayam

Coimbatore-641 022

ABOUT SREC

Sri Ramakrishna Engineering College (SREC), Coimbatore, established in 1994 by SNR Sons Charitable Trust has grown into an eminent Institution in Tamilnadu with an objective to impart diversified technical education, creating successful technocrats to meet the global challenges. The 42.24 acres campus has an admirable infrastructure with all facilities and well-equipped laboratories. The college has signed MoU with various foreign universities for student and staff exchange programme. The college has also signed MoU with Salzer Electronics Ltd., Craftsman Automation, Pricol, L&T and Roots to train the students with practical knowledge.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department was started in the year 1994 and is accredited by NBA. The department offers UG, PG (Manufacturing Engg.) and Ph.D. programme in Mechanical Engineering. The department has necessary infrastructure and laboratories, managed by qualified and dedicated teaching professionals. The department is well equipped with the facilities like melting furnaces, holding furnaces, heavy duty oven, washing apparatus, porosity tester, optical emission spectrometer, salt spray chamber for corrosion testing, Pin on Disc apparatus for wear measurement, stir casting setups, Coordinate Measuring Machine, VCR Engine, engine exhaust gas analyser, six axes articulated Robot, 3D printing, etc. The Department also trains the students in the area of mechatronics engineering, welding, CAD/CAM softwares like HYPERMESH, CREO, CFD, etc., to meet the industry expectations. The department strives for providing students with concept oriented teaching to ensure excellence, as a professional.

ABOUT THE WORKSHOP

The workshop aims at bringing manufactures, academicians and students to a common platform so as to discuss and develop strategies for accelerated growth of renewable energy as an alternate sources of energy and need of energy storage system for solar applications. This workshop will provide an opportunity to discuss economic, technical and legal issues and research concerning the growth and development of renewable energy.

CONTENTS OF THE WORKSHOP

- Challenges and opportunities in solar energy utilization.
- Thermoelectric single crystals for energy storage applications.
- Thermal energy storage systems.
- Nano particles for energy storage.

RESOURCE PERSONS

1. **Dr. Narayanasamy Vijayan**,
Principal Scientist & Associate Professor (AcSIR),
Indian Reference Materials (BND) Division,
CSIR-National Physical Laboratory,
New Delhi-110 012.
2. **Dr. A. Sreekumar**,
Assistant Professor,
Centre for Green Energy Technology,
Pondicherry University, Puducherry-605 014.
3. **Mr. Alfred Vinod Antony**,
Managing Director,
Progen Renewables Private Limited,
Coimbatore - 641 045.

HOW TO APPLY

The application for participation in the workshop should be submitted in the prescribed format along with DD, duly forwarded by their sponsorin authority. The DD will have to be drawn in favour of **“The Principal, Sri Ramakrishna Engineering College”** payable at Coimbatore-641022. The duly filled form along with DD may reach the convenor on or before **20-01-2020**

Certificates will be issued to the participant on successful completion of the workshop. Registration is based on first come first serve basis.

REGISTRATION FEE

Faculty members from Engineering

Colleges /Research Scholar : Rs.300

Students : Rs.200

Industry participants : Rs.500

IMPORTANT DATES

Last date for Registration : 20.01.2020
with fees

Intimation of selection : 21.01.2020