

ABOUT OUR INSTITUTION

Sri Bharathi Engineering College for Women is the only Women's Engineering College in Pudukkottai district, was named after the famous poet Bharathiyar as he fought for women's freedom. This college was started in the year 2009 at kaikkurichi in the rural outskirts of Pudukkottai district. The noble vision of the institution is to impart knowledge based quality education for rural women. So the women can play a key role in the society. This institute offers four major programs EEE, ECE, CSE and CIVIL Engineering.

ABOUT THE DEPARTMENT

Department of Electrical and Electronics Engineering was established in the year 2009 and it has qualified and committed faculty members. The Department has fully equipped and spacious laboratories such as Electrical Machines Lab I & II, Power Electronics Lab, Renewable Energy Lab, Control and Instrumentation Lab, Power System Simulation Lab etc., The Department conducts Symposium, Workshops, Guest lectures and Seminars in each semester on various topics beneficial to the students. The department also frequently arranges local and industrial visits to the substations and power plants.

ABOUT THE WORKSHOP

The smart grid is now the key word in the power industry around the world. It provides a revolutionary power transfer and distribution to our planet. This has led to many advanced forms of data computing and manipulation. The existing phase must be modified to indicate safety for the phase. Moreover, it offers the benefits of clean energy and planetary storage, on the other hand, it causes problems in delivering high-tech components of the process.

Numerous features have developed that separate the smart grid from the existing old phase. Features like smart measurement, smart sensors and smart security are discussed in detail for the overall look of this technology. The issues and problems related to the use of smart grid in communication infrastructure will be discussed. It also focuses on future investment opportunities and maintenance of the power grid.

**IF YOUR HATE COULD BE TURNED
INTO ELECTRICITY, IT WOULD LIGHT
UP THE WHOLE WORLD.**

NIKOLA TESLA

RESOURCE PERSON

- 1. Dr.ANKUR SINGH RANA.,M.E.,Ph.D.,PDF**
Assistant Professor,
NIT, Trichy..
- 2. Mr.S.SIVAGAMINATHAN.,M.E,**
Senior Engineer (Assistant),
CPCL,
Chennai

TOPICS TO BE COVERED

- ***Importance of Communication Infrastructure in Smart Grid***
- ***Maintenance of Electrical Grid***



ELIGIBILITY

The workshop is open to faculties from Engineering colleges, UG/PG degree level EEE students and private practicing Engineers are also eligible.

REGISTRATION

No Registration Fee

Google form Registration

Click the below link and submit the details

<https://forms.gle/rjU5bwY3uEQfZWJXA>

PRESENTATION PLATFORM - Google Meet

<https://meet.google.com/thm-xnby-qry>

CONTACT US

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ORGANIZING COMMITTEE:

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Mrs.R.Akilandeswari. Asst Professor/EEE



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ONE DAY ONLINE WORKSHOP – 2022

ON

“MODERN TRENDS IN SMART GRID”

07th May 2022



Organized by

**Department of Electrical and
Electronics Engineering**



SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to
Anna University, Chennai)

Kaikkurichi, Pudukkottai – 622 303

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