

ELIGIBILITY

The Seminar is open to faculties from engineering colleges, UG/PG Degree level Engineering students; Research scholars & Private Practicing Engineers are also eligible.

REGISTRATION

Registration: Free

Click the below link and submit the details

<https://forms.gle/iGJkv852f769eGQv7>

PRESENTATION PLATFORM – Google Meet

<https://meet.google.com/fts-ikht-exh>

CONTACT US

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ORGANIZING COMMITTEE

CHIEF PATRON

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Shri. L. Dawood Gani

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One Day National Level

Online Seminar-2023

on

*“RECENT TRENDS IN
PHOTONICS AND ITS
APPLICATIONS”*



07th February 2023



Organized by

Department of Electronics and Communication
Engineering

&

Department of Electrical and Electronics
Engineering

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

Kaikkuruchi, Pudukkottai – 622 303

www.sbec.edu.in

ABOUT OUR INSTITUTION

Since ancient years, Indian women were kept submerged in all the aspects, both inside and outside of their residence. As years passed, there comes freedom in ascending powers to women in many aspects such as education, work, house and so. Nowadays, women are empowered in many challenging tasks.

This context paved way for inception of Sri Bharathi Engineering College for Women, the first college started only for women in Pudukkottai, is named after the famous poet and freedom fighter, Bharathiyar, as he fought for women freedom. This college is started in rural area by Sri Bharathi Educational Trust, in the year 2009, mainly to inculcate quality education for rural women. It is located at about 6 Km from Pudukkottai on the Pudukkottai-Aranthangi Road, near Kaikkuruchi. This college is approved by AICTE, New Delhi and affiliated to Anna University, Chennai.

ABOUT OUR DEPARTMENT

The Department of ECE and EEE offers B.E Degree Programme in ECE and EEE. The departments were started during the academic year 2009 with approval of AICTE and affiliation from Anna University Chennai. The departments have fully equipped and spacious laboratories. The Departments have experienced faculty members with different specialization in ECE & EEE.

The department also frequently arranges local And industrial visits to the Government and Private sectors. The efforts taken by our faculty to motivate the students has produced remarkable achievements in co-curricular and extracurricular activities.

ABOUT THE SEMINAR

Photonic devices and systems are becoming pervasive in many applications in measurements, communications and computers. Photonics have uses in almost every aspect of our life, ranging from daily life to highly innovative science. Economically significant uses of photonic devices include fiber optic telecommunications, optical data storage, displays, optical pumping of high-power lasers and laser printing.

The Primary objective of this seminar is to provide a platform to get the basic concept of Photonics and its applications. This seminar can give the exposure to the participants about new fields such as high power laser applications and various computational field of Engineering .The application of photonics spreads across several sectors, information processing, light detection, metrology, spectroscopy, photonic computing, holography, medical field fighting machinery, agriculture, laser material processing, robotics, and biophotonics, Augmented and virtual Reality etc.

RESOURCE PERSONS

1. Dr.D.Sriram Kumar,Ph.D

Professor,
Department of ECE,
National Institute of Technology(NIT),
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2. Dr.V.R. Sarma Dhulipala,

Assistant Professor (Sr.Gr),
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TOPICS TO BE COVERED

- **Recent Trends in Photonics and its applications**
- **Device applications of Photonics**

