



**Five Days (Hybrid Mode)
Faculty Development Program
(FDP)**

**on
“Integration of Modern
Technologies in Electrical
Engineering”**

May 6 - 9 and May 11, 2024



**Organized by
Department of Electrical
Engineering**

**SRI BALAJI COLLEGE OF
ENGINEERING &
TECHNOLOGY, JAIPUR**

ABOUT SBSS

Sri Balaji Group of Institutions is being patronized by Sri Balaji Shiksha Samiti, Jaipur. Sri Balaji Shiksha Samiti has been serving with a motto “Educating Humanity” under the visionary leadership of Er. Bhagirath Poonia.

ABOUT SBCET

Sri Balaji College of Engineering & Technology (SBCET) are being patronized by Sri Balaji Shiksha Samiti, Jaipur. SBCET has been serving with a motto “Educating Humanity” under the visionary leadership of Er. Bhagirath Poonia.

SBCET Jaipur was established in year 2000 with due approval by All India Council for Technical Education (AICTE), New Delhi and affiliation with Rajasthan Technical University (RTU), Kota for Bachelor and Masters Courses in Engineering.

DEPARTMENT OF ELECTRICAL ENGINEERING

Electrical Engineering branch was opened in year 2000 with the intake of 60 seats and initially affiliated from Rajasthan University; first batch of this branch was completed BE course in year of 2004. After establishment of Technical University in year of 2006 in Rajasthan State, this department is affiliated from Rajasthan Technical University Kota since 2006 to till date.

Electrical Engineering department is offering M. Tech in Power systems along with B. Tech course. M.Tech course was introduced in year of 2007 with the intake of 18 seats.

ABOUT THE FDP

As the world faces electrical energy challenges such as electrical machine and renewable energy, power equipments manufacturing practices have become crucial in ensuring a electrical future. Through this FDP, we aim to explore the various aspects of electrical Engineering, including resource efficiency, power, green supply and machine design for electrical energy.

SCOPE & OBJECTIVE OF THE FDP

The main aim of the FDP is to explain and discuss the integration of modern Technology and recent developments in Electrical Engineering. The Faculty Development Program is intended as

- To introduce the modern technology in a different perspective and to give better knowledge and understanding of the subjects of Electrical Engineering.
- To understand the modern concepts through design and applications.
- To train the participants with best teaching and learning methodology in Electrical Engineering.

DETAILS OF THE FDP

FDP will cover:

1. Machine Learning
2. Electric Vehicles
3. Solar Photovoltaic and Electronics Devices
4. The Smart Grid
5. Solid State Battery
6. Research Methodology
7. Electromagnetic Interference
8. MATLAB

EXPECTED OUTCOMES

Possible outcomes of FDP are:

- The FDP will train the faculty members as per modern industry standards.
- The professor from different affiliated university i.e. RTU will guide the faculty member on various trends in the field of electrical Engineering.
- Any further changes in RTU syllabus will also be notified by the resource person from RTU
- The faculty member attending this FDP will update the SBCET students and thus will improve their academic excellence and placement

PARTICIPENTS

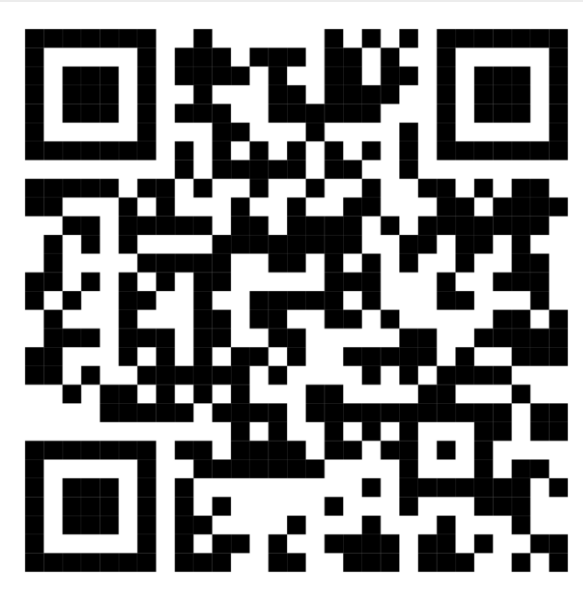
- The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from government organizations and industry.
- Seats being offered on first come first served basis.

REGISTRATION FEE

- No Fee

REGISTRATION LINK

<https://forms.gle/vpj6wu89QiKerskA8>



The Mode of FDP is Hybrid (online & offline). E-Certificate will be provided to Participants whose attendance is above 80% & will submit Feedback Form.

IMPORTANT DATES

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CHIEF PATRON

Er. Bhagirath Poonia, Chairman, SBSS

PATRONS

Mr. Jagdish Poonia, Managing Director, SBSS

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Mr. Rahul Kumar
Mrs. Kavita Choudhary
Mr. Happy Dabla
Ms. Neelam Verma

WEB LINK OF FDP

The web link of the FDP will be shared with all the participants after the registration on their registered mail id.

CONTACT US:

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