



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

on

**“Modern Trends in Electrical
Engineering & Technology”**

Feb 26 – March 01, 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 drives and solar energy, power equipment manufacturing practices have become crucial in ensuring a electrical future. Through this FDP, we aim to explore the various aspects of electrical technology, including resource efficiency, renewable energy, green supply and product design for electrical energy.

SCOPE & OBJECTIVE OF THE FDP

The aim of the proposed FDP is to explain and discuss the fundamentals and recent developments in Electrical Technology and Technology. The Faculty Development Program is intended-

- To introduce the Electrical subjects in a different perspective and to impart better knowledge and understanding of the subjects.
- To understand the concepts through illustrations and applications.
- To train the participants with the teaching and learning methodology

DETAILS OF THE FDP

FDP will cover:

1. Power system and Electrical Machine
2. Electric Vehicles
3. Solar Photovoltaic and Electronics Devices
4. The Smart Grid
5. Solid State Battery
6. Sustainable energy
7. Industrial Electronics and control
8. MATLAB

EXPECTED OUTCOMES

Possible outcomes of FDP are:

- The FDP will train the faculty members as per industry standards.
- The professor from affiliated university i.e. RTU will guide the faculty on various trends in the field of electrical technology.
- Any further changes in RTU syllabus will also be notified by the resource person from RTU
- The faculty member attending this program 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/q8semPXMGRjTj4nf8>



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

Five Days FDP on

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26 Feb.–01 March, 2024

CHIEF PATRON

Prof. (Dr.) S. K. Singh,
Honorable Vice-Chancellor, RTU

PATRONS

Er. Bhagirath Poonia, Chairman, SBSS
Mr. Jagdish Poonia, Managing Director, SBSS

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Mr. Inder Swaroop (HOD,MCA)
Mr. Rahul Kumar
Mr. Happy Dabla

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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