



Five Days Faculty Development Program (Hybrid Mode)

on
“**ENERGY EFFICIENCY AND SUSTAINABILITY IN ENGINEERING**”

October 14-18, 2024



Organized by:
Department of Mechanical Engineering
&
Department of Electrical Engineering

Sri Balaji College of Engineering & Technology, Jaipur

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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 and Mr. Jagdish Poonia.

ABOUT SBCET

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. SBCET offers B. Tech programs in Computer Science Engineering, Artificial Intelligence, Cyber Security, Data Science, Electrical Engineering, Mechanical Engineering, and Civil Engineering, as well as M.C.A. and M. Tech programs in Computer Science Engineering and Power Systems Engineering.

DEPARTMENT OF ELECTRICAL ENGG.

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, this department is affiliated from Rajasthan Technical University Kota since 2006 to till date. The department also offers M. Tech. program with sanction intake of 18 seats.

DEPARTMENT OF MECHANICAL ENGG.

SBCET established the Department of Mechanical Engineering in 2004 with a view to groom a team of professionals, through and intensive Mechanical engineering curriculum. Department of Mechanical Engineering is full-fledged department offering B.Tech. course with sanction intake of 30 students. The department has laboratories and workshop facilities with modern sophisticated equipment to carry out research in all areas related to Mechanical Engineering. The Department regularly conducts various training programs and workshops for enhancement of skill.

ABOUT THE FDP

This Faculty Development Program (FDP) on **Energy Efficiency and Sustainability in Engineering** is typically designed to educate and train faculty members and researchers on the latest trends, technologies, and best practices in energy efficiency and sustainable development within the engineering domain. Such programs aim to empower educators with the knowledge and skills to incorporate these vital topics into their teaching, research, and professional practices.

SCOPE & OBJECTIVE OF THE FDP

- To create awareness about the importance of energy efficiency and sustainability in engineering.
- To equip faculty members with the necessary tools, knowledge, and teaching materials to include energy efficiency and sustainability in their engineering courses.
- To enhance understanding of the challenges and solutions related to energy conservation, renewable energy, and sustainable engineering practices.
- To explore practical applications of energy-efficient technologies in various sectors like industry, transportation, and construction.

EXPECTED OUTCOMES

Participants will be able to:

- Incorporate the principles of energy efficiency and sustainability into engineering courses and research.
- Conduct and guide students in energy audits, feasibility studies, and sustainability assessments.
- Foster innovation in sustainable engineering solutions.
- Collaborate on projects and research in energy efficiency and sustainability fields.

PARTICIPANTS

- 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.

CHIEFPATRON

- Prof. (Dr.) S. K Singh
Vice chancellor RTU, Kota

PATRONS

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

MANAGINGBOARD

- Prof. (Dr.) Surendra Singh Choudhary,
Principal, SBCET
- Prof. (Dr.) I.P. Meel, SBCET
- Prof. (Dr.) K C Sharma,
Research Coordinator, SBSS
- Ms. Anjana Poonia (Assoc. Prof., MCA)

CONVENORS

- Dr. A H Khan (HOD, EE)
- Mr. Jaiprakash Bhamniya (HOD, ME)

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- Dr. Shiv Lal, Associate Professor, RTU, Kota
- Dr. Moti Lal Rinawa, Asst. Prof., GEC, Jhalawar
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- Mr. M. P Nehra, BSNL Jaipur
- Mr. Bhunesh Yadav, BSNL Jaipur

ORGANIZING SECRETARIES

- Mr. Vijay Kumar Jangid (ME)
- Mr. Balwant Singh Kuldeep (EE)

ORGANIZING MEMBER

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- Mr. Anil Kumar Devanda (EE)
- Mr. Happy Dabla (EE)
- Ms. Neelam Verma (EE)
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ORGANIZING COMMITTEE

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- Dr. Firoz Haider (HOD Applied Sci.)
- Mr. Rohit Soni (HOD CE)
- Mr. Inder Swaroop Verma (HOD MCA)

REGISTRATION FEE :

No Fee

ACCOMMODATION :

No accommodation will be provided

REGISTRATION LINK

<https://forms.gle/udvS8Mmn4eCJFJU36>

The Mode of FDP is Hybrid Certificates will be provided to Participants whose attendance will be above 80% & will submit Feedback Form.

CONTACT PERSONS:

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- Mr. Jaiprakash Bhamniya (+91-9660024253)

HOW TO REACH THE COLLEGE

Sri Balaji College of Engineering and Technology

[Click Here for Google Map link of SBCET](#)

