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JSPM's RSCOE, Pune

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Electrical Engineering Department

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JSPM's Rajarshi Shahu College of Engineering

An Empowered Autonomous Institute
Affiliated to Savitribai Phule Pune University, Approved by AICTE,
Accredited by NBA, Accredited by NAAC With "A" Grade
MHRD-NIRF Rank:151-200



One Week Online FDP On "Research Challenges & Opportunities in Electrical Engineering"

26 May – 31 May 2025

Organized by

Electrical Engineering Department

In Association with



**IIEEE PES-IAS Chapter
Pune Section**

RESOURCE PERSONS

Dr. S. A. Patil

General Manager,
Automotive Research Association of India
(ARAI) Academy

Mr. Anand Vijaykumar

Head Mechatronics & EV System
TATA Motors Passenger Vehicles Ltd.

Dr. Nitant Mate

Managing Director,
SeeGreen Products Pvt. Ltd. Pune

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Dr. D. R. Patil

Professor (Retd))
Walchand College of Engineering Sangli

Dr. S. G. Kadwane

Professor & Head,
Electrical Engineering, YCCE Nagpur

ABOUT INSTITUTE

JSPM's Rajarshi Shahu College of Engineering is one among the hallmark institutes of Pune, established in 2001 with the aim of providing quality technical education and excellence in the ever expanding horizon of technical revolution of 21st century. The institute is becoming an icon in the field of engineering education in the state of Maharashtra. It is nurtured and managed by Jayawant Shikshan Prasarak Manadal Trust. The Institute is approved by the All India Council for Technical Education (AICTE), New Delhi and Govt. of Maharashtra affiliated to Savitribai Phule Pune University. The institute has 4 post graduate programs of engineering (ME-Computer, ME- VLSI and Embedded system, ME - Structures, ME – Design) and one each of MBA, MCA. RSCOE is a recognized "Ph.D. Research Center" for Mech, Civil and E&TC by SPPU. All under graduate programs have been accredited by National Board of Accreditation New Delhi, three times. RSCOE is also accredited by NAAC with "A" grade (CGPA 3.26). From academic year 2019-20 UGC has accorded Autonomy to RSCOE which empower RSCOE to design contemporary curriculum, which is relevant to industry so as to maximize employability of graduates. The institute has received "Best Professional College award (Urban Category)" by SPPU, Pune. The institute is also listed in 2(f) and 12(b) category of UGC Act. Institute is winner of AICTE-CII award in Platinum Category for consecutive two years 2017-18, 2018-19. Govt of India, MHRD – NIRF has ranked RSCOE in band of top 151 to 200 colleges of India, in the year 2020. RSCOE is ranked 103 at India Level by India Today, survey conducted by India Today – MDRA, 2020.

ABOUT THE PROGRAM

This Faculty Development Program on "Research Challenges & Opportunities in Electrical Engineering" aims to equip faculty members and researchers with insights into emerging trends, interdisciplinary opportunities, and current challenges in the field of Electrical Engineering. The program features expert sessions, interactive discussions, and real-world case studies to inspire innovative thinking and foster collaborative research. Participants will gain exposure to industry-relevant topics and future research directions, promoting a deeper understanding of technological advancements. This FDP serves as a valuable platform for knowledge sharing, academic enrichment, and professional development in the dynamic and ever-evolving landscape of Electrical Engineering.

OUTCOME OF THE PROGRAM

- Participants will gain an in-depth understanding of the current research challenges and opportunities within Electrical Engineering.
- Faculty will be better equipped to mentor students and young researchers, fostering a research-driven environment in their departments.
- Development of new research collaborations and ideas that contribute to innovative solutions in Electrical Engineering.

WHO CAN ATTEND

Faculties of all branches, Post Graduates, Research Scholars, Industrial Participants

E-CERTIFICATES

E-certificate will be issued to those participants who have attended the program, submitted feedback and have qualified with minimum 60% in the test conducted by steering committee

ABOUT DEPARTMENT

The Electrical Engineering department was established in year 2017-18 and renowned for its academic excellence and state-of-the-art facilities. The department boasts an impressive infrastructure, including well-equipped laboratories. The department has established several MoUs with industry leaders, facilitating collaborative research, internships, and placement opportunities for students. These partnerships help bridge the gap between academics and industry, enhancing the employability of graduates.

The faculty members bring a wealth of experience, with several possessing advanced degrees and significant industry exposure. Their commitment to teaching is complemented by active involvement in research and development.

One of the department's most notable achievements is being the youngest to receive NBA accreditation, underscoring its commitment to delivering high-quality education and aligning with industry standards. This accreditation further reinforces the department's reputation as a leader in electrical engineering education.

Registration

NO REGISTRATION FEE

Last date of Registration
18 May 2025

Link for Registration:

<https://forms.gle/b3njmDA7n1tMeT2N9>



Registration Form

Mode of Course: Online