



School of Electrical & Electronics Engineering

Organising

2nd Faculty Development Program on

Recent Trends in Electrical Power System

Commencement: 12th to 16th February, 2024

Mode: Hybrid Model

Registration Last Date: 10th February, 2024

About the Faculty Development Program

The 2nd Faculty Development Program (FDP) on Recent Trends in Electrical Power System organized by the School of Electrical and Electronics Engineering (EEE) at REVA University is set to take place from February 12th to 16th, 2024. This program stands as a testament to the commitment of the university in keeping professionals and academics abreast of the latest advancements in the ever-evolving field of Electrical Engineering. The FDP is strategically designed to serve as a comprehensive platform for Electrical Engineers to engage with cutting-edge technologies, ensuring they stay ahead in their respective domains. In an era where groundbreaking technologies emerge daily, staying informed and adaptive is crucial, and this FDP aims to facilitate exactly that. One of the key highlights of this FDP is its focus on delivering quality sessions covering fundamental concepts in Artificial Neural Networks, Grid-integrated Renewable Sources, Multi-level Inverters, Electric Vehicle Technologies, and addressing key issues and challenges in microgrids. These topics are at the forefront of innovation in the field, and gaining insights into them is essential for professionals to contribute effectively to the advancements in Electrical Engineering.

The program also aligns with the Sustainable Development Goals (SDGs), demonstrating a commitment to transforming the world into a better place through the dissemination of knowledge and expertise in sustainable technologies. By addressing crucial aspects like renewable energy integration and electric vehicle technologies, the FDP contributes to the broader goal of sustainable development.

The FDP boasts an impressive lineup of speakers, including experts from esteemed academic institutions such as NIT Surathkal, NIT Nagaland, SRM, MS Ramaiah Institute of Technology Bengaluru, and REVA University. Industry experts from renowned organizations such as Faurecia Hydrogen Solutions, FORVIA, BOSCH Global Software Technologies, and the Ministry of Jal Shakti, Government of India, will also share their insights and experiences with the participants. The collaboration between academia and industry experts ensures a holistic and practical understanding of the discussed topics. Participants can expect to gain valuable knowledge, skills, and perspectives that will not only enhance their professional capabilities but also contribute to the advancement of the electrical power system field.

The 2nd Faculty Development Program on Recent Trends in Electrical Power System at REVA University promises to be an enriching and enlightening experience for Electrical Engineers, fostering a community of forward-thinking professionals committed to staying at the forefront of technological advancements.

Objectives of Faculty Development Program

1. Enable participants to stay updated with the latest breakthroughs in electrical power systems, focusing on areas such as Artificial Neural Networks, Grid-integrated Renewable Sources, Multi-level Inverters, Electric Vehicle Technologies, and Microgrid challenges.
2. Foster an environment of knowledge sharing and collaboration among participants, featuring experts from academia and industries, including renowned professors from institutions like NIT Surathkal, NIT Nagaland, SRM, MS Ramaiah Institute of Technology Bengaluru, and REVA University.
3. Provide insights into practical applications and real-world challenges through the involvement of industry experts from leading organizations such as Faurecia Hydrogen Solutions, FORVIA, BOSCH Global Software Technologies, and the Ministry of Jal Shakti, Government of India.
4. Align the program with the SDGs to contribute towards the global initiative of creating a sustainable and better world, emphasizing the role of electrical engineering in achieving these goals.

Course Outcomes from Faculty Development Program

Upon completion of the program, participants can expect to achieve the following outcomes:

1. Develop a profound understanding of key concepts, including Hydrogen-based Vehicles, Power System Control, Electric Vehicle System Engineering, Power Electronics, and Power Converters.
2. Acquire practical insights and skills applicable to real-world scenarios, enhancing the participants' ability to contribute effectively to advancements in the electrical power systems domain.
3. Establish valuable connections with experts from academia and industry, fostering collaborations that can lead to further research, projects, and professional growth.
4. Enhance problem-solving skills by addressing challenges and issues associated with the discussed topics, empowering participants to contribute innovative solutions in their respective fields.

About REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2012 in Bengaluru, the IT capital of India. The University is recognised by the University Grants Commission (UGC) and is approved by the AICTE (All India Council for Technical Education).

REVA University prides itself in contributing to every student's holistic development. The University currently offers 41 full-time Under Graduate Programmes, 32 full-time Post Graduate programmes, 18 PhD programmes, and certification and diploma programmes. The University offers programmes in Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed based on methodical analysis and research with emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

About School of EEE

The School of Electrical Engineering at REVA University, established in 2014, is dedicated to developing human resources in Electrical and Electronics Engineering. Offering undergraduate programs in 'Electrical and Electronics Engineering' and 'Electrical & Computer Engineering,' as well as postgraduate programs in 'Power and Energy Systems' and doctoral programs, the school boasts a team of well-qualified faculty members specializing in areas such as Power Systems, Power Electronics, VLSI, Signal Processing, Embedded Systems, and Control Systems. The school prioritizes students' welfare, providing individual counseling, additional coaching classes, and soft skill development. With well-equipped laboratories, state-of-the-art computing facilities, and a focus on interactive learning, the school emphasizes practical applications and student-centric teaching methods. Faculty members contribute to reputed journals and conferences, engage in funded research projects, and ensure a holistic educational experience for students through extracurricular and co-curricular activities.

Resource Persons



Dr. Debashisha Jena

Professor, Department of EEE
National Institute of Technology Surathkal



Dr. A Karthikeyan

Associate Professor, Department of EEE
National Institute of Technology Surathkal



Dr. Shitanshu Sapre

Lead Engineer
Faurecia Hydrogen Solutions, FORVIA



Mr. Binu Puthiyaparambath Sunny

Tech Expert, Engineering Powertrain Electrification
Bosch Global Software Technologies



Dr. Hemchandra Gudimindla

Assistant Professor, Department of EEE
MS Ramaiah Institute of Technology Bengaluru



Dr. Raje Siddiraju Upendra

Associate Professor & Head-Research S
Chool of ECE REVA University Bengalur



Dr. B. P. Divakar

Professor, Director, Research &
Innovation Council, REVA University
REVA University, Bengaluru



Dr. Jay Chandra Dhar

Assistant Professor Department of ECE
National Institute of Technology Nagaland



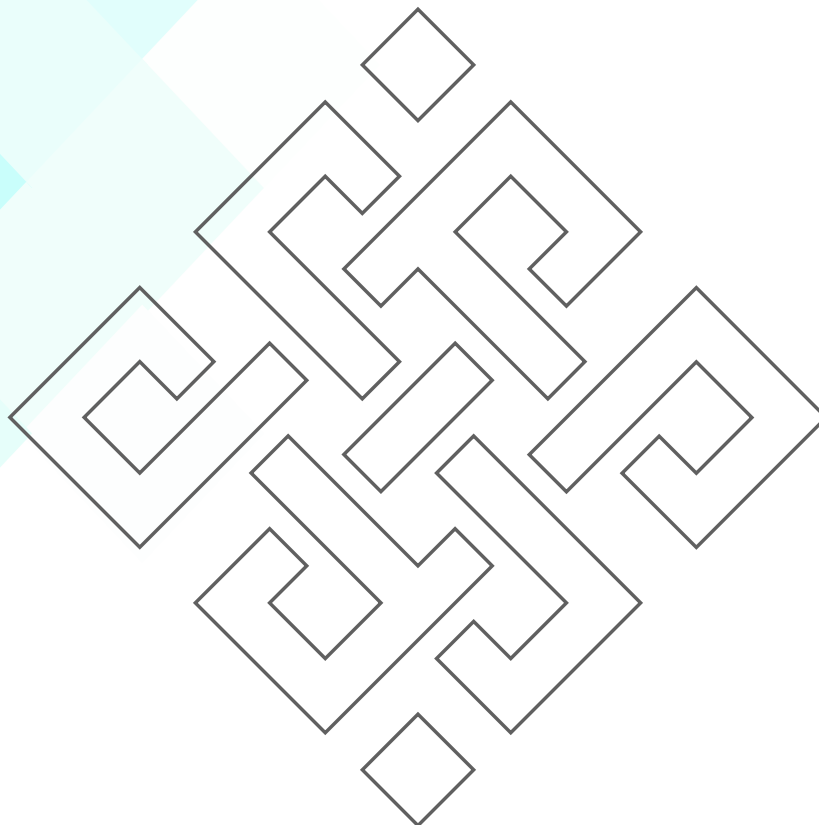
Dr. S. Routray

Research Assistant Professor Department of ECE
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Mr. Hilol Biswas

Advisor -Overhead Transmission Line
Ministry of Jal Shakti Government of India



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Shri. Umesh S. Raju

Pro Chancellor, REVA University

Patrons

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Vice Chancellor, REVA University

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Pro Vice Chancellor

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Pro Vice Chancellor, REVA University

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Registrar, REVA University

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Dean | Research and Innovation Council, REVA University

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Assistant Professor

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Prof. Deepa K. R.

Assistant Professor

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Prof. Arpita Banik

Assistant Professor

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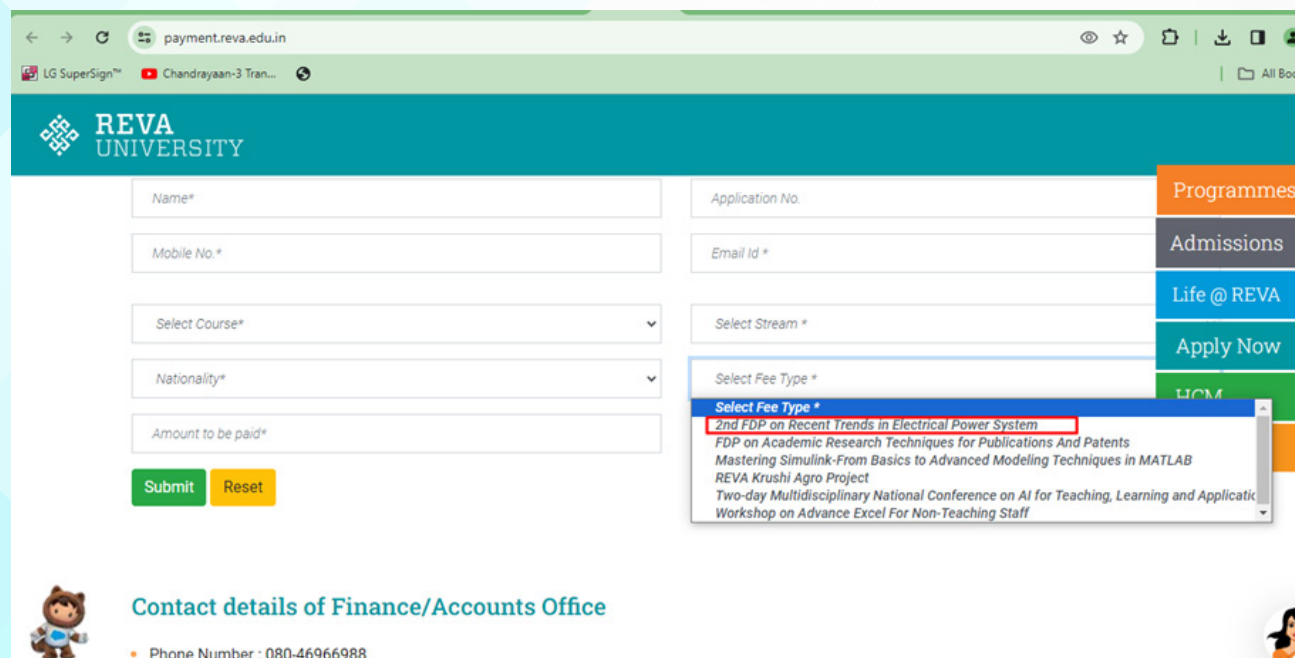
Registration Details

The faculty members working in Institutions/University & Industries Professionals can register for FDP.

Registration FEE : 250/- per participant

Registration Fee Link : <https://payment.reva.edu.in/>

Registration Link : <https://forms.gle/xmp7Qw3MYXmKW6y59>




Note: Kindly select Conference/Event /Workshop option for registration fee payment

Assessment

Certificates will be issued to all participants who meet the criteria & successfully complete the certification requirements.

Program Schedule

Session	Date	Time	Resource Person	Link / Venue
1	12 th february 2024	10:30 AM to 11:30 AM	Dr. Shitanshu Sapre Lead Engineer, Faurecia Hydrogen Solutions, FORVIA	Kalpna Chawla Seminar Hall CV Raman Block REVA University Bengaluru
2	12 th february 2024	02:00 PM to 03:00 PM	Dr. A. Karthikeyan Associate Professor Department of EEE, National Institute of Technology Surathkal	Kalpna Chawla Seminar Hall CV Raman Block REVA University Bengaluru
3	13 th february 2024	10:30 AM to 11:30 PM	Mr. Binu Puthiyaparambath Sunny MS/EHB-PS Bosch Global Software Technologies	Kalpna Chawla Seminar Hall CV Raman Block REVA University Bengaluru
4	13 th february 2024	02:00 PM to 03:00 PM	Dr. Debashisha Jena Professor, Department of EEE National Institute of Technology Surathkal	MS Teams 
5	14 th february 2024	10:30 PM to 11:30 PM	Dr. Hemchandra Gudimindla Assistant Professor, Department of EEE MS Ramaiah Institute of Technology Bengaluru	Kalpna Chawla Seminar Hall CV Raman Block REVA University Bengaluru

6	14 th february 2024	02:00 PM to 03:00 AM	Dr. Raje Siddiraju Upendra Associate Professor& Head-Research School of ECE, REVA University Bengaluru	Kalpana Chawla Seminar Hall CV Raman Block REVA University Bengaluru
7	15 th february 2024	10:30 AM to 11:30 PM	Mr. Hilol Biswas Advisor -Overhead Transmission Line Ministry of Jal Shakti Government of India	MS Teams 
8	15 th february 2024	02:00 PM to 03:00 PM	Dr. Jay Chandra Dhar Assistant Professor Department of ECE NIT Nagaland	MS Teams 
9	16 th february 2024	10:30 AM to 11:30 PM	Dr. S. Routray Research Assistant Professor Department of ECE SRM Institute of Science and Technology	MS Teams 
10	16 th february 2024	02:00 PM to 03:00 PM	Dr. B. P. Divakar Professor, Director, Research & Innovation Council, REVA University REVA University Bengaluru	Kalpana Chawla Seminar Hall CV Raman Block REVA University Bengaluru

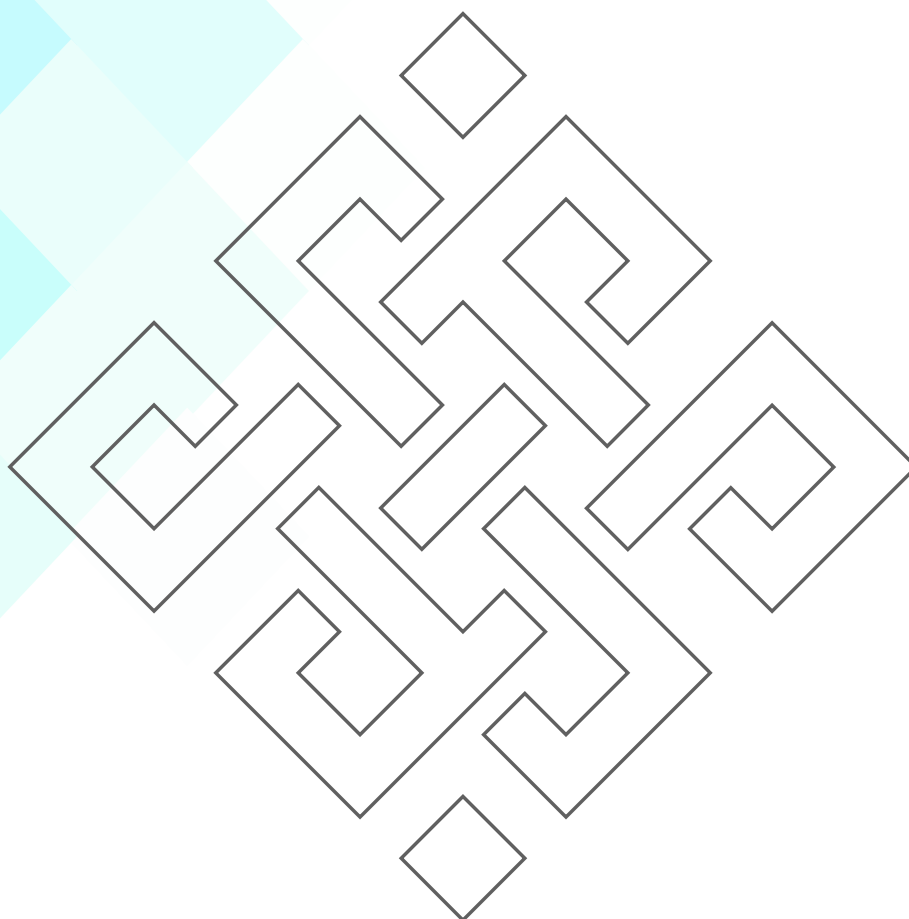
For any queries Contact to

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