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ABOUT VFSTR

Vignan's Foundation for Science, Technology & Research is the flagship institution of Vignan Group of Educational Institutions, is NAAC 'A+' accredited institution. Located in serene environs of Vadlamudi on the Guntur-Tenali highway, VFSTR with its sprawling play grounds, campus greenery and imposing academic blocks, is a virtual haven of rural quiet and idyllic beauty. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. Through diverse programs and updated curriculum by imparting industry exposure and hands-on skills, VFSTR trains its students into competitive and global professionals, imbued with ethical consciousness and social awareness. All the departments are supported by a good mix of young and senior faculty with a rich research, teaching and industry background. The sophisticated laboratories and research centres make it one of the most preferred institutions for the aspirants of engineering studies.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 1999 with the motto: *Excellence in Engineering Education*. EEE department is accredited by NBA. The department strives for excellence in teaching, research and consultancy services to the industry. It has eminence in selected niche areas of Electrical and Electronics Engineering. The Department has highly qualified and experienced faculty with a strong research and professional expertise. Besides teaching undergraduate and post-graduate courses, the faculty members are engaged in a broad range of research and development areas in collaboration with renowned overseas universities, research institutions and multinational companies. The aim is to produce engineers who are flexible across disciplines and able to apply their knowledge and skills to solve complex problems. The department aims to produce thinking engineers, who will create new technologies for the future.

The Department currently offers:

- B.Tech in EEE
- M.Tech in Power Electronics & Drives
- Ph.D.

5th National Conference on "Emerging Trends in Power, Energy and Control" (ETPEC'22)

21 - 22 October 2022

Organized by
Department of

Electrical and Electronics Engineering,
VIGNAN'S FOUNDATION FOR SCIENCE,
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CONFERENCE THEME

The aim of the 5th National Conference on Emerging Trends in Power, Energy and Control (ETPEC-2022) is focused on research and emphasizes the latest in terms of technological advancements. The conference also aims to provide outstanding opportunity for both academic and industrial communities to address new trends and challenges and emerging technologies on the topics relevant to today's fast moving areas of power, energy and control systems. The conference will feature invited talks and referred paper presentations.

The vision of the ETPEC-2022 is to promote brainstorming, so that critical issues pertaining to individual research activities can be addressed and ideas can be exchanged through extensive discussions. The conference focuses on specific Engineering streams – allowing the speaker to drill deep into the issue and ensure that we return to our workplace with actionable information that we can put to use the very next day.

Topics

- 1 Power electronic converter topologies and control
- 2 Electrical machines and industrial drives
- 3 Power devices, EMI and design issues
- 4 Power system planning, control & operation
- 5 Power transmission and distribution
- 6 Power system protection
- 7 Power quality
- 8 Flexible AC Transmission Systems
- 9 Smart grids and micro grids
- 10 Energy Conservation, Audit and Management
- 11 Energy market, policies and economics
- 12 Advanced energy metering, trading and billing
- 13 Protection and reliability controllers
- 14 Energy harvesting and conversion
- 15 Energy storage devices and systems
- 16 Distributed generation
- 17 Intelligent energy distribution & management
- 18 New and Renewable Energy Systems
- 19 Hybrid/Electric Vehicles
- 20 Solar photovoltaic devices and systems
- 21 Solar thermal technologies
- 22 Optimization of power system problems
- 23 Soft computing & intelligent systems in power engineering
- 24 VLSI & Embedded Systems
- 25 Image & Signal Processing
- 26 Remote Sensing & GIS
- 27 Internet of Things

Note: Topics are not limited to the above mentioned areas

JOURNAL PUBLICATION

The Accepted and Presented papers will be published in ESCI and Socpus Journals as per Author's request and based on the quality of the paper.

IMPORTANT DATES

- Paper Submission : 05-10-2022
Notification of Acceptance : 14-10-2022
Authors Registration : 17-10-2022
Conference : 21-10-2022 & 22-10-2022

REGISTRATION FEE

Category	Conference & Journal Publication
Industrial participants	Rs. 13,500
Faculty from Institutions	Rs. 13,000
Ph.D.Scholars & PG students	Rs. 12,500

Note: Interesting Participants without any Paper Publication can attend the conference and present their paper at a cost of Rs.1,500/-.

Participants can register by paying Registration fee through NEFT. The details are given below:

- Branch : UCO Bank, Vadlamudi
A/C No. : 21890210000106
A/C Name : VFSTR General Funds
IFSC Code : UCBA0002189

It should reach us on or before
17th October, 2022

All correspondence may be addressed to:

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