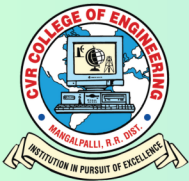# 2nd International Conference on Renewable Energy, Green Computing & Sustainable Development (Hybrid Mode)

DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING
(NBA Accredited under Tier-I UG for 6 years & PG for 3 years)

ICREGCSD - 2025
21 - 22 FEBRUARY 2025

CVR COLLEGE OF ENGINEERING
(An Autonomous Institution, NAAC, 'A' Grade)
Vastunagar, Mangalpalli(V), Ibrahimpatnam(M), Rangareddy(D), Telangana, India - 501510.

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CALL FOR PAPERS

Prospective themes/areas to be discussed in this conference include, but not limited to the following.

- **Smart and Energy Efficient Systems**
  Power Electronics and Hybrid Vehicles Integration
  Energy Storage and Charging Techniques
  Renewable Energy Technologies
- **Green Computing**
  Green Computing and Security
  Communications, Networks and Signal processing
  Modelling and Methods of Green Computing
- **Sustainable Development**
  Distributed generation and Grid Interconnection
  Expert Systems and Artificial Intelligence
  Intelligent Communications

INFORMATION TO AUTHORS

Authors are invited to send original and unpublished review/research papers. After expert review, the authors may be asked to submit the camera-ready paper. The clear majority of papers to be published in a Springer, CCIS proceedings should be full papers (12-15 pages in the CCIS one column page format, 400 words per page). For E3S, paper should contain minimum of 6 pages as per the template. The similarity ratio of the papers should not exceed 15% overall, and 5% for single source overlap.
Papers are to be submitted through Microsoft CMT link:
https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FICREGCSD2025

REGISTRATION

Submit registration by google form link along with details of fee (Phone pay/google pay/Account transfer).

Authors	Indian Author (INR)		Foreign Author (USD)	
	Early Bird	Last Date	Early Bird	Last Date
Authors from Academic Institutions/ Research Scholars / PG students	6500	7500	120	150
Authors from Industry	7500	8500	150	200

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ABOUT CVR COLLEGE OF ENGINEERING

CVR College of Engineering, an autonomous institution under the UGC, was established in the Year 2001, the first college in Telangana to be promoted by NRI technology professionals resident in the USA. The NRI promoters are associated with cutting-edge technologies of the computer and electronics industry. They also have strong associations with other leading NRI professionals working for world-renowned companies like IBM, Intel, Cisco, Facebook, AT & T, Google, and Apple who have agreed to associate with the College with a vision and passion to make the College a state-of-the-art engineering institution. All B. Tech Programmes which are eligible are accredited three or four times by the NBA since 2007. Two UG Programmes namely ECE & EEE are accredited for Six years by the NBA under Tier-I. As of now, 7 B. Tech Programmes and 2 P.G Programmes are accredited. NAAC reaccredited the college for five years with grade 'A' with effect from 2022. Two M. Tech Programmers of AI and Data Science in 2018-2019 and three B. Tech CSE Programmes (AI & ML, DS & CS) in 2020-2021 and 3 new branches in Emerging Technologies namely B. Tech AI & ML, AI & DS and CSBSs are the Recent Programs in 2023-24. As formulated by the IQAC, many FDPs and workshops are organized by departments. College has MoUs with organizations such as Virtusa, Mitsubishi, NRSC, COMSAT, CADENCE, IIIT. Under innovation activities faculty have published around 150 patents so far. Projects from NRSC under the RESPOND programme of ISRO, AICTE-RPS, TEQIP-III from JNTU, MODROBS-AICTE worth Rs.71 Lakhs are some of the recent projects funded by central agencies. Total funds received are Rs. 160 lakhs. Newgen IEDC of Government of India (DST) has sanctioned Rs.287 Lakhs for a period of five years in 2018-19, for Innovative Entrepreneurship Development Programmes by students and staff. The college has been creating records year after year. With more than 100 companies visiting CVRCE and 900+ placements for the 2023 - 2024 academic year, it is the highest among the peer group of colleges. The highest offer is 44 Lakhs by 4 students at AMAZON, 33 Lakhs by 2 students at Commvault and 30+ students received offers higher than Rs. 18 Lakhs. More than 150 students received offers of About Rs. 10 Lakhs. About 200 offers are higher than Rs. 6 Lakhs. The placement percentage continues to be 100% since 5 years. The college has made huge progress in a short span of time and is preferred by the students and parents during the EAMCET counselling this year and is among the top 3 colleges in the state. College has been consistently in the range of 101-150 by NIRF over last Seven years. CVR is rated amongst the top 100 engineering institutions in the country by Outlook and holds many more recognitions.

ABOUT THE DEPARTMENT OF EEE

The Department of EEE was started in the year 2001 with an intake of 40 (B.Tech in Electrical & Electronics Engineering) and at present intake is 30. The Department has 11 state of the art laboratories with an investment of more than 2 crores. The B.Tech, EEE program got NBA accreditation for six years (2022 to 2028) under Tier - 1. The M. Tech program in Electrical Power Engineering was started in the year 2010 with an intake of 18. The department has 19 faculty, of which 8 are doctorates and 9 are pursuing Ph.D. The department actively involves in teaching and research activities. The department has a Technical Association (ELECTROCRUISE) which organizes various technical workshops, training programs and community outreach activities every year on regular basis. Department has recently established an IoT Lab and ready to render consultancy services to supply customer specific IoT boards. . The students of department have developed, Solar Car and Solar Duster with the financial support from the college. In keeping with the current global emphasis on green and eco-friendly energy generation, 360 kWp Solar PV plant has been installed on the campus to meet the power requirements of the college to a significant extent.

ABOUT THE CONFERENCE

With so many exciting and interesting developments in Renewable Energy, Engineering Technologies, Green Computing, Sustainable development, our ICREGCSD-2025 will be an exciting international forum for scientists, engineers, and researchers to exchange their novel research regarding advancements in the state-of-art of the latest researches, developments, advances and new technologies. The ICREGCSD 2025 is an interdisciplinary conference that aims at diverse fields of engineering and technology with a focus on smart and energy efficient computing, green technology and sustainable systems design and development, ranging from theoretical developments to industrial problems. To address such problems and create a sustainable environment, new energy models, algorithms, methodologies, platforms, tools and systems are required to support next-generation computing and communication infrastructures. Thus, green computing solutions should be designed to better integrate renewable energy sources, to improve energy efficiency, and to reduce greenhouse gas emissions and harmful materials. .The conference aims to disseminate novel ideas and emerging trends, research results and practical achievements. Original and high-quality contributions are solicited, including theories, applications and experiments. The ICREGCSD is an opportunity to network, build up partnerships and exchange ideas with a variety of experienced researchers, developers and practitioners from several universities, research institutes, and academia. We hope that the conference results help participants get more knowledge, and the organizing committee of the conference look forward to see you at ICREGCSD 2025 with original research papers.

IMPORTANT DATES

Submission of full paper	30th October, 2024
Notification and acceptance	30th December, 2024
Camera ready paper submission	10th January, 2025
Early Bird Registration	15th January, 2025
Last date for registration	25th January, 2025
Conference dates	21-22 February, 2025

PUBLICATION

It is planned to publish the proceedings of ICREGCSD 2025 with Springer in their Communications in Computer and Information Science series (final approval pending)/E3S Web of conference proceedings.

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