Patron

Hon'ble Shri. Rahulbhau Bondre
Chairman, PRMSS, Chikhli

Hon'ble Dr. Vishwanathji Yadav
Vice President, PRMSS, Chikhli

Hon'ble Adv. Vrushalitai Bondre
Secretary, PRMSS, Chikhli

Hon'ble Shri. Siddheshwarji Wanere
Treasurer, PRMSS, Chikhli

Hon'ble Shri. Atmaramji Deshmane
Trustee, PRMSS, Chikhli

Hon'ble Shri. Vardhamanji Dahale
Trustee, PRMSS, Chikhli

Hon'ble Shri. Athroddinji Kazi
Trustee, PRMSS, Chikhli

Hon'ble Dr. Ravindra Ingle
Executive Director, PRMSS, Chikhli

Convener

Dr. Arun N. Nanhai
Principal

Organizing Secretary-NCGTAI-2025
Dr. P. S. Gawande
Dean IQAC & Head, CSE Department
Mob. 9422883793

Organizing Committee

Dr. R. B. Mapari
Dean Academic & Head, E & TC Dept.

Dr. R. G. Kokate
Dean, Administration

Prof. V. D. Gurudasani
Asso. Dean IQAC & Head, Chemical Engg Dept.

Prof. U. M. Mohod
Head, Mech Engg Dept.

Prof. P. T. Talole
Head, Information Technology Dept.

Dr. Santham Bharthy
Pos Doc - Malaysia Dean Research& Development

Dr. N. V. Ravi Shekhar
Asso. Prof. & Dean, Student Affairs

Dr. Mukund Kumar
Asso. Prof. Mech. Engg Dept.

ADVISORY COMMITTEE

Dr. Vinod Mohitkar
Director, DTE, Mumbai

Dr. M. U. Kharat
Vice Chancellor, G. H. Raisoni International Skill Tech University Pune

Dr. Anand Mahalwar
Vice Chancellor ISBM University Chhura, Gariaband (CG)

Prof. Mahendra Dhore
Pro-Vice Chancellor, SGBAU, Amravati

Dr. V. K. Sunnapawar
Principal, Lokmanya Tilak College of Engg Navi Mumabi

Dr A. M. Mahalle
Principal, GCOE Amravati

Dr. P. M. Jawandhiya
Principal, P. R. Pote Patil CoE & Management, Amravati

Dr. N. P. Gulhane
Asso. Prof, Deptt of Mech. Engg. VJTI. Mumbai

Dr. S. D. Kalpande
Vice Principal, MET, Nashik

Dr. S. V. Gumaste
Professor & Head, Department of IT. MET, Nasik

Dr. V. T. Gaikwad
Professor, Dept. of E&TC, Sipna College of Engg. Amravati

Dr. G. K. Chandan
HoD, Engg. & Tech. North East frontier technical university, Aalo (A.P.)

Dr. Supriya Biswas
Professor & HoD. Chemistry SSIPMT, RAIPUR (CG)

Dr. Milind A. Barhate
Vice Chancellor, SGBAU, Amravati

Shri. Manoj M. Andhare
Joint Director, DTE, RO, Amravati

Dr. Sandip A. Waghuley
Director, IQAC, SGB Amravati University, Amravati

Dr. Jayati Chatterjee Mitra
Pro-Vice-Chancellor Dr.C.V. Raman University, Kargiroad, Kota, Bilaspur, (C.G.)

Dr. Gajendra. R. Bamnote
Principal, PRMITR, Badnera - Amravati

Dr. A. M. Jinturkar
Principal, Govt. Polytechnic, Chatrapati Sambhaji Nagar

Dr. Moh. Atique Moh. Junaid
Professor & HoD. CSE, SGBAU, Amravati

Dr. S. S. Deshmukh
Prof. & Dean, StudentsWelfare, BITS (Pilani), Hyderabad

Dr. M. J. Sable
Professor, Department of Mech. Engineering. COEP, Pune

Dr. S. B. Wankhede
Professor, Dept. of Comp Sci. Engg. Rajiv Gandhi Institute of Technology, Mumbai

Dr. R. Karthick
Department of CSE K.L.N. College of Engineering Sivaganga

Prof. S. B. Patil
Asso. Professor, MET, Nashik

Dr. N. M. Thakare
Professor & Head, Dept of CSE, Priyadarshini COE, Nagpur

Dr. Pawandeep Singh Matharu
Ph.D. Post-Doctoral Research Associate VICTOR Lab, Dept of Mech. & Aerospace Engg. University of Virginia

---

5th National Conference
on

Green Technology & AI : Pathways to Sustainable Development

(NCGTAI-2025) 05 April 2025

Organized By
Internal Quality Assurance Cell (IQAC)

ANURADHA ENGINEERING COLLEGE CHIKHLI 443201 DIST : BULDANA

Anuradha Nagar, Sakegaon Road, Chikhli

AICTE New Delhi approved & Accredited by NAAC, Bangalore
Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati
Visit us at: www.aecc.ac.in Email : principal@aecc.ac.in

ABOUT THE CAMPUS

The institute's campus is situated in the Anuradha Nagar, Chikhli; Dist:-Buldana in Maharashtra state. The campus is situated on sprawling 37 acre land 3 km from Chikhli town on Sakegaon road. The institution has developed a beautiful campus with residential facility for the students and staff.

ABOUT THE INSTITUTE

The institute is a dream of our founder Chairman Shri Siddhavinayakji Bondre realized by the blessings of Sant Paramhansa Ramkrishna Maunibaba. It was established in the year 1993 with two branches & now has grown to five branches and three ME/M. Tech, Course in Chemical Engineering. Computer Science & Engineering and Mechanical Engineering (CAD/CAM). The institute is recognized by All India Council of Technical Education (AICTE), New Delhi, Approved by the Director of Technical Education (DTE), Maharashtra State, Mumbai, UGC recognition under section 2(f) & 12 (B) and Accredited by NAAC Bangalore. The college is ISO 9001:2008 certified and permanently affiliated to Sant Gadge Baba Amravati University, Amravati & 3-Labs of the institute are recognized by RRC of S.G.B. Amravati University for Research work. Over the years, this college has gained recognition as an important institution in the Sant Gadge Baba Amravati University, Vidharbha region and in India. Students from all over the country come here for studies.

To confirm your participation, kindly scan the QR code below and complete your registration.

We look forward to welcome you!"

ABOUT THE CONFERENCE

In alignment with the All India Council for Technical Education (AICTE)'s declaration of this year as the "Year of AI", our institution is proud to continue its tradition of organizing the National Level Conference on Green Technology and Science for Sustainable Development. This year, we bring a transformative theme: "Green Technology & AI: Pathways to Sustainable Development." This conference aims to explore the synergies between Artificial Intelligence and Green Technology, focusing on how cutting-edge AI solutions can drive sustainable practices and address global environmental challenges. The event will provide a platform for researchers, academicians, industry experts, and students to present innovative ideas and solutions that pave the way for a sustainable future. With an emphasis on interdisciplinary approaches, this conference will cover a wide array of topics, including renewable energy, sustainable manufacturing, AI-driven smart cities, green computing, and ethical AI for societal benefit. Together, let us explore the potential of AI and Green Technology to redefine pathways for sustainability and create a better tomorrow.

CALL FOR PAPER

The presented paper will be published in " Journal of Science Techology and Research" The journal is indexed on Google Scholar. The format of paper is available on our institute website.

At least one author who registerd must present the paper.

HYBRID MODE

Candidates have the facility/opportunity to be present through an online/offline mode ensuring seamless participation.

BEST PAPER AWARDS

Best Paper Awards will be presented in two categories:

1. Academic institutions, students, and research scholars.

2. Research organizations and industries.

Scope

Core Computer Science & IT

Track: 1. AI and Machine Learning for Sustainability

Track: 2. Data Science and Big Data for Environmental Analytics

Track: 3. Green Cloud Computing and Data Centers

Track: 4. Internet of Things (IoT) for Sustainable Development

Track: 5. Cybersecurity in Green Technology

Electronics Engineering

Track: 6. Green Electronics and Low-Power Devices

Track: 7. AI-Driven Automation in Electronics

Chemical and Mechanical Engineering

Track: 8. AI for Sustainable Chemical Processes

Track: 9. Sustainable Manufacturing and Industrial Automation

Track: 10. Thermal and Renewable Energy Systems

Track: 11. AI for Sustainable Transportation

Track: 12. AI in Renewable Energy Systems

Interdisciplinary and Emerging Areas

Track: 13. Green AI and Ethical AI for Sustainability

Track: 14. AI and Robotics for Sustainability

Track: 15. Blockchain and AI for Green Technology

Track: 16. AI-Enabled Smart Cities

Track: 17. AI in Sustainable Product Design

Specialized Topics

Track: 18. Sustainable Software Engineering

Track: 19. AI-Driven Education for Sustainability

Track: 20. AI for Circular Economy