

PROCEEDINGS

Papers presented in the conference (As per guideline by journal) will be published in the reputed/ Scopus /UGC approved journal.

IMPORTANT DATES

Submission of Paper: 31/01/2020

Intimation of Acceptance: 05/02/2020

Last date of Registration: 10/02/2020

REGISTRATION

Intending participants, Diploma, UG, PG (Science & Technology faculty) including authors, are required to register their names by filling the attached registration form. For registration, the enclosed registration form duly filled up along with the delegate fee must be sent to the Coordinators, NCGTSD-2020 on or before **10th February, 2020**.

REGISTRATION FEE

Registration fee **Rs. 2000/-** INR (For 2 authors only) should be paid in the form of DD or Cash. DD should be drawn in favour of "Principal, AEC, Chikhli" payable at Chikhli. Or Online Payment Transfer contact to 9730895352. Registration fee includes the following: (Conference kit including proceedings, Meals during the conference)

HOW TO REACH CHIKHLI

Chikhli is located around 500 km east from the city of Mumbai and 300 km west from the city of Nagpur & 150 km from Aurangabad. It is located on Pune-Aurangabad-Nagpur route of the state highway. State Transport buses are available from Chikhli to all major cities of Maharashtra and various other cities. By road it is well connected to cities like Jalna (84 km) and Jalgaon (150 km).

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Anuradha Engineering College, Chikhli

3rd NATIONAL CONFERENCE ON GREEN TECHNOLOGY & SCIENCE FOR SUSTAINABLE DEVELOPMENT- (NCGTSD-2020)

16th Feb. 2020



Organized by



**Internal Quality Assurance Cell (IQAC)
ANURADHA ENGINEERING COLLEGE
CHIKHLI- 443201, DIST.-BULDHANA
Maharashtra State (INDIA)**

AICTE New Delhi approved & Accredited by NAAC, Bangalore
Affiliated to Sant Gadge Baba Amravati University, Amravati
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ABOUT THE CAMPUS

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

ABOUT THE INSTITUTE

The institution is a dream of our founder Chairman Shri Siddhavinayak 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 College is well equipped with laboratories, adequate number of teaching faculties and non teaching staff. The College 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.

ABOUT THE CONFERENCE

Activities for green economy and green growth open doors for a more extensive debate, thus creating a chance to reactivate the universal objective, that is, sustainable development. By reorienting the economy to ensure a mutual synergy of economic growth and environmental protection, green growth strategies aim to support the conventional paths of economic development in a better adaptation to implement the objectives of sustainable development. Such strategies can help build green economy characterized by a significant increase in investment in the areas of economic activity based on and increasing the Earth's natural capital, at the same time reducing ecological and environmental deficiencies. The key advantage of the emergence of the concepts of green initiatives/growth and

green economy is the fact that they stimulated international attention and renewed global efforts for transforming our present non-sustainable economic model in the direction consistent with the imperative objectives of sustainable development. This highly exciting and challenging 3rd National Conference on Green Technology & Science for Sustainable Development under IQAC is intended to be a forum, discussion and networking place for academics, researchers, professionals, administrators, educational leaders, policy makers, industry representatives, advanced students, and others.

CALL FOR PAPERS

Authors are required to send the full length paper of original and unpublished research work send by link <https://easychair.org/conferences/?conf=ncgtsd2020>. The paper should be limited to maximum six pages of A4 size paper, including figures, tables and references. It should be in MS Word format with 1.5 line spacing (12 points, Times New Roman font). All communication will be made with the main author only. The final acceptance of paper for presentation and inclusion in Proceedings will be based on peer review of the technical committee. At least one of the authors of the selected papers should register for the presentation. Best paper award will be given in two categories namely (i) participants from academic institutions, students and research scholars (ii) participants from research organizations and industries.

PROGRAMME

The conference mainly includes keynote address along with plenary talks by renowned persons. Separate session will be arranged for presentation of research papers. Delegates can also share their research work through poster presentation.

THEMES OF THE CONFERENCE

Electronics & Telecommunication Engineering

- Sustainable electronics
- E-waste management
- Green networking
- Role of solar power in sustainability
- Weather forecasting to protect life & property
- Research & development for atomization in farming equipments & tools.
- Pollution control initiatives using IoT
- Monitor and control of green house environment.

- RF/MW radiation hazard control

Chemical Engineering

- Bio-fuels
- Process intensification
- Separation process
- Greener synthesis routes
- Catalysis
- Nanotechnology
- Green chemistry
- Environment and energy conservation
- Reaction engineering & reactor design
- Process engineering & optimization

Mechanical Engineering

- Energy, water, recycling, waste management
- Sustainable development approaches and methods
- Economic dimensions of sustainability
- Sustainable energy systems planning, Integration and Management
- Techniques for Sustainable Processing of Natural Resources
- Greenhouse Integrated Photovoltaic System
- Waste Plastics into Fuel, Energy and Chemicals
- Urban District Heating and Cooling Technologies
- Hazardous Substances Treatment
- Biomass Energy and Biomass as a Clean Renewable Fuel
- Green economy v/s clean economy
- Green manufacturing
- Green Jobs and Enterprise

Computer Science & Engineering & IT

- Green Computing
- Green Technology
- Natural Computing
- Artificial Intelligence (AI)
- Internet of things
- Data Analytics
- Adaptive Computing
- Pervasive Computing
- Network Security
- Neural Network
- Web Technologies
- Machine Learning / Deep Learning