

IC^{GT}STH^{CM}

International Conference on
Global Trends in
Science, Technology, Humanities,
Commerce & Management
(ICGTSTHCM 2022)
Online

<http://icgststhcm2022.sscoetjalgaon.ac.in/>

January 1- 3, 2022

Important Dates

- Last date for paper submission:
December 24th, 2021
- Acceptance notification:
December 27th, 2021

Conference Highlights

- All accepted papers will be published in e-Proceeding of the International Conference “Global Trends in Science, Technology, Humanities, Commerce & Management”,(January 1-3, 2022). Selective papers will be published in the Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT) ISSN Number: Print: 2277-7261 Online: 2278-385



ORGANIZED BY
Shram Sadhana Bombay Trust's
COLLEGE OF ENGINEERING & TECHNOLOGY
Bambhori, Post Box No. 94,
Jalgaon 425001, Maharashtra, India
Included under section 2 (f) & 12 (B) of the UGC Act, 1956
Grade B ++ (2.91) NAAC Accredited
www.sscoetjalgaon.ac.in



Awards

- Better India Education Award - 2018 as Best Multi-Disciplinary Engineering College in Maharashtra by Today Research & Ratings.
- Brand Excellence in Education award from MY FM 94.3 of Dainik Bhaskar Group in 2017.
- Lokmat - Corporate Excellence Award (2015), for Brand Excellence in Education.
- Engineering Education Excellence Award - 2015, by Indo Global Chamber of Commerce, Industries and Agriculture, Pune for the efforts in promoting Quality Education and implementing the higher standards of Technical Education in the field of Engineering.
- EEF Award for Excellence, by Engineering Education Foundation, Pune, in 2008-09.
- Engineering College of the Year for Academic Productivity 2020, The Academic Insights: Outstanding contribution for society and educational fellowship.

Eminent Speakers

- Prof. Alex Furman, Israel
- Mr. Fenta Mulugeta, Hungary
- Dr. Morteza Davarpanah Hungary
- Dr. S S Thipse, ARAI, India
- Dr Nitin Chaudhari, India
- Dr. Samapti Kundu, USA
- Dr. Sudipto Chakraborty, India
- Dr. Vikas Bhatia, USA
- Dr. Keshav Singh, USA
- Dr. Rajdeep Gautam, Japan
- Dr. S. P. Shekhawat, India

More eminent speakers are expected to join.

Courses Offered

UG Courses

- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Electronics and Telecommunication Engineering
- Mechanical Engineering

B. Voc. Courses

- Software Development
- Cosmetology
- Refrigeration and Air Conditioning
- Electronics Manufacturing Services

PG Courses

- Master of Business Administration (MBA)
- Master of Computer Application (MCA)

Ph.D. Programmes

- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Electronics and Telecommunication Engineering
- Mechanical Engineering

About Us

The College of Engineering and Technology, Bambhori, Jalgaon is governed by Shram Sadhana Bombay Trust (SSBT). The college is established in the year 1983 by the founder Chairperson Her Excellency Smt. Pratibha D. Patil, the Former President of India. It has 25 acres eco-friendly residential campus located at high banks of river Girna and connected with NH 6. The college infrastructure is magnificent and splendid. The college offers six Under-Graduate Courses, four B. Voc Courses and two Post-Graduate Courses in MCA & MBA, and six Doctoral Courses in Engineering. The campus has Institute of Pharmacy which offers Degree and Diploma in Pharmacy, and Art's, Commerce and Science College. The SSBT's College of Engineering and Technology, Bambhori, Jalgaon is a college with long tradition of societal development with technical education, research, consultancy and voluntary services. It has in its honor several certifications as highlighted below:

- The college is accredited by National Assessment and Accreditation Council (NAAC) with CGPA of 2.91 (B++ Grade).
- Four Programmes (Biotechnology, Chemical, Civil, and E&TC) were provisionally accredited for two years wef 01/07/2014.
- Seven Programmes (Chemical, Civil, Computer, Electrical, Electronics and Telecommunication, Information Technology and Mechanical) were accredited for five years wef 19/07/2008.
- Four Programmes (Chemical, Civil, Computer, and Mechanical) were accredited for three years wef 18/02/2005.
- It is included in the list of colleges prepared under Section 2(f) and 12(B) of the UGC Act, 1956.
- QMS of the College conforms to ISO 9001:2015

Our Inspiration

Dr. D. R. Shekhawat
Eminent Educationalist, Former Chairman,
GB, SSBT's College of Engineering &
Technology, Bambhori, Jalgaon

Chief Patron

Shri. Raosaheb Shekhawat
Chairman, GB, SSBT's College of
Engineering & Technology, Bambhori,
Jalgaon.

Patrons

Prof. (Dr.) G. K. Patnaik
Principal, SSBT's College of Engineering &
Technology, Bambhori, Jalgaon.

Prof. (Dr.) S. P. Shekhawat
Vice Principal, SSBT's College of
Engineering & Technology, Bambhori,
Jalgaon.

Conveners

Prof. (Dr.) M. Husain
HoD, Civil Engineering

Dr. V. R. Diware
HoD, Chemical Engineering

Contact Persons

Dr P A Shirule (+91 9823502413)
Dr S A Thakur (+91 9421891390)
ssbtcoetintconf2022@gmail.com

Conference Theme

Present generation has a special status that it has undergone a transformation of era, from millennium two to millennium three. The transformation is not only in temporal sense, but it has deeply penetrated into our lives. The transformation has been led by Technocrats, Entrepreneur, Social Workers and Educators in true sense. The present era is also witnessing a significant alteration in the Education, Industrial and Economical paradigm. Smt. Pratibhatai D. Patil, Ex-President of India has said that I am deeply committed to the cause of education and would like to see every person, man and woman, boy and girl, be touched by the light of modern education. The technology has changed the way we live. Yet it has posed severe threats to our very existence e.g. the environmental degradation, climatic changes and

resource depletion. Dr. A. P. J. Abdul Kalam, Scientist and Ex-President of India has said that the twentieth century was for the search of knowledge; the twenty first century is for the management of knowledge. The biggest challenge to be addressed today by the scientists and technocrats is to affirm the direction of research. Where do we move? Where shall we navigate? These are the most crucial issues of today. It requires systematic brain storming. It needs to bring the engineers, technocrats, managers and researchers of diversified disciplines to come at a common platform to exchange their expertise, express their ideas, to share their knowledge & experiences, and to evolve the track for navigating the research. The present conference is miniature, yet firm endeavor for the same. It is expected that the engineers, technocrats, managers and researchers of vivid disciplines will intermingle on the forum of this conference and will provide an impressive momentum to the navigation of science, technology, management and humanities in its perpetual voyage.

Conference Aim and Objectives

The conference aims to bring Scientists, Engineers, Academicians, Researchers and Professionals to exchange and share most recent innovations, trends and new research results on all aspects of Science, Technology, Humanities, Commerce & Management. The objectives of the conference are as follows.

- To allow researchers, students and engineers gathering, on a rather informal basis, for fruitful discussions, and presentation of new results within the conference topics.
- To understand, advance and promote the emerging global trends in Science, Technology, Humanities, Commerce & Management.
- To provide premier interdisciplinary forum for Scientists, Engineers, Academicians, Researchers and Professionals to navigate the future research for better mankind.

Registration Fee per Paper

- Indian Authors: 200 INR per paper
- Foreign Authors: 10 USD per paper
- Online Registration is at the conference website.

Papers are to be submitted through EASYCHAIR conference management system using the link <https://easychair.org/conferences/?conf=icgtsthcm2022> In order to submit your paper, you must login to your EASYCHAIR account <https://easychair.org>. If you are not having an EASYCHAIR account, sign up to create a new account.

It is advisable to have plagiarism less than 20 %.

Areas (Themes)

Include research and development trends in the following areas, but are not limited to:

- Chemical Engineering and Biotech Engineering
- Civil Engineering
- Computer Science and Engineering and Information Technology
- Electrical Engineering
- Electronics & Telecommunication Engineering
- Mechanical Engineering
- Commerce & Business Management
- Pharmaceutical Sciences
- Social Sciences and Humanities
- Physical, Life and Applied Sciences
- Multidisciplinary, Interdisciplinary and Trans-disciplinary Studies

Submission Guidelines

Prospective authors are invited to submit full length paper (maximum of Six pages) electronically in Word format, font size & style- 12-point times new roman and typed in single space justified. The paper should be written in English and must be original, unpublished work containing new and interesting results that demonstrate current research in the respective areas.

Advisory Committee

1. Prof. (Dr.) V. S. Sapkal, Vice-Chancellor, MGM University, Aurangabad, Former Vice-Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
2. Prof. (Dr.) Raju B. Mankar, Former Vice-Chancellor, Dr. Babasaheb Ambedkar Technological University, Lonere, Director, L.I.T., Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
3. Prof. (Dr.) Vedvyas Jayprakashnarayan Dwivedi, Vice Chancellor, Gokul Global University, Gujrat.
4. Dr. Arkom Palamanit, Energy Systems Research Institute, Prince of Songkla University, Thailand.
5. Dr. Rakesh Saxena, Director, Shri. Govindram Seksaria Institute of Technology and Science, Indore.
6. Prof. (Dr.) Jitendra B. Naik, Director, UICT, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
7. Prof. (Dr.) Satyendra Mishra, Former Director, UICT, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
8. Prof. (Dr.) Dr. S. H. Sonawane, Professor, Chemical Engineering Department, National Institute of Technology, Warangal.
9. Dr. R. P. Khambayat, Joint Director, PSS Central Institute of Vocational Education, Bhopal.
10. Prof. (Dr.) J.S. Rana, Professor, Department of Biotechnology, Deenbandhu Choturam Ram University of Sc. & Tech. Murthal, Sonipat.
11. Prof. (Dr.) K. Sreeramulu, Professor, Department of Biochemistry, Gulbarga University, Gulbarga.
12. Dr. Bhupendra Ambadas Parate, Scientist F, ARDE, Armament Post, Pune.
13. Prof. (Dr.) Dilip H. Lataye, Professor, National Institute of Technology, Nagpur.
14. Prof. (Dr.) Anil P. Dongre, Professor & Director School of Management Studies, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
15. Prof. (Dr.) M. A. Mulla, Professor, Electrical Engineering Department, SVNIT, Surat Gujarat.
16. Prof. (Dr.) A. J. Patil, Principal Samarth Group of Institute, College of Engineering, Belhe, Dist. Pune.
17. Prof. (Dr.) S. K. Sugandhi, Principal Jawahar Institute of Technology, Kharagon.
18. Dr. C. G. Dethé, Director, Academic Staff College, Nagpur.
19. Prof. (Dr.) Nileshsingh V. Thakur, Professor, Department of Computer Science & Engineering, Prof. Ram Meghe College of Engineering & Management, Badnera, Amravati.