



Fabtech
Education
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The Future Begins Here.

FABTECH TECHNICAL CAMPUS
Engineering (Autonomous) | Polytechnic
Pharmacy | School & Jr.College

1st

International Conference

Breakthrough Technologies
for Sustainable
Development
BTSD-2025



Date:-
23rd & 24th
December, 2025
Mode of Conference:
Offline

Organizer
Fabtech Technical Campus Group



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(Vice-Chancellor, DBATU)

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Director of conference

Dr. Ameet Rupnar

(Secretary & Managing Director, Fabtech Education Society)

Convener

Dr. Vidyarani Kshirsagar

(Dean R & D & Vice Principal, FTCCOER, Sangola)

Co-Convener

Dr. Savita Sonawane

(Professor, Fabtech Pharmacy College Sangola)

Conference Steering Committee

Dr. Amit Deogirikar

(Agricultural Knowledge Management
Unit DBSKKV, Dapoli)

Dr. P.A. Bansode

(Professor, Sangola Mahavidhyalay, Sangola)

Dr. R. B. Shendge

(Principal, FTC COER Sangola)

Dr. Sanjay Bais

(Principal, Fabtech Pharmacy College Sangola)

Prof. Sikandar Patil

(Principal, Fabtech Public School and Jr.college)

Prof. Tanaji Burungale

(Principal Fabtech Polytechnic Sangola)

Coordinator

Prof. Priyanka Pawaskar

(Assistant Professor, FTCCOER, Sangola)

Co-coordinator

Dr. Trupti Bansode

(Associate Professor, FTCCOER, Sangola)

Dr. Sarfaraz Kazi

(Professor, Fabtech Pharmacy College Sangola)

About Conference

The International Conference on Breakthrough Technologies for Sustainable Development at Fabtech Technical Campus College of Engineering and Research serves as a premier platform for multidisciplinary research participation, bringing together experts from engineering, science, technology, and policy domains. The conference focuses on cutting-edge advancements in renewable energy, smart infrastructure, circular economy and climate resilience, with a strong emphasis on their societal applications. The discussions will explore how breakthrough technologies can address real-world challenges, enhance quality of life, and promote inclusive and sustainable development. Through keynote sessions and technical presentations, participants will gain valuable insights and collaborate on transformative solutions for a better future.

Call for Papers

We invite researchers, academicians, and industry experts to submit original research papers in engineering, science, technology, and policy domains with a focus on sustainability and societal applications. Authors can choose to present their work through oral presentations or poster.

Conference sub themes

Sub themes of the conference include below given points but not limited to -

Advanced Thermal Systems and Sustainable Mechanical Design	Biotechnology and Agriculture
Sustainable Energy Environments	Sustainable Transportation
Smart Cities and Infrastructure	Advances in Construction
AI and Emerging Technologies	Healthcare and Well-being
Green Manufacturing and Industry 4.0/5.0	Sustainable Innovations in Electrical and Electronics Engineering



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About FTC

Fabtech Education Society's Fabtech Technical Campus is a vibrant and futuristic Campus. It is established with the objective of empowering the urban as well as rural students through quality education in Engineering and Technology. Fabtech Technical Campus is the Dream Project of Late Hon. Shri Birasaheb A. Rupnar, an eminent industrialist, a technocrat and a visionary par excellence. It is said that if one becomes successful then one has to give it back to society And Fabtech Technical Campus is one such great gift in terms of knowledge from its Founder Father the Great Visionary- Late Hon. Shri Birasaheb A. Rupnar. The campus offers a comprehensive educational journey, from Kindergarten to Postgraduate (K.G. to P.G.), with institutions including a Public School and Junior College, Diploma and Degree courses in Pharmacy, and Diploma and Degree programs in Engineering. Fabtech Technical Campus, College of Engineering and Research is an autonomous institute from 2025-26 batch. The institute is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, recognized by All India Council for Technical Education (AICTE), New Delhi. The FTC, COER is accredited by the National Assessment and Accreditation Council (NAAC) with "A" Grade. and certified by ISO 9001:2005

Important Dates

Sr. No.	Activity	Deadline
1	Abstract submission	20 th August 2025 to 20 th September
2	Extended abstract submission	30 th September 2025
3	Acceptance for abstracts	10 th October 2025
4	Full length paper submission	10 th November 2025
5	Early Bird Registration	10 th November to 15 th December 2025
6	Conference Date	2Jh & 24 th December 2025

Organizing Committee:-

Dr. Sharad Pawar

Dr. Sanjay Pawar

Dr. Suraj Nikte

Prof. Rahul Autade

Prof. Haninant Mallad

Prof. Sharad Adlinge

Dr. Tanaji Dhaigude

Dr. Solllanath Thigale

Dr. Ganesh Birajdar

Prof. Shivanand Mali

Prof. Rajkuinar Gavade

Prof. Mrs. Jyoti Shinde

Key Note Speakers

Sr. No.	Key Note Speaker	Designation	Affiliated Institute
1	Dr. Shivaji Pawar	Emeritus Scientist and Former VC	NBN Sinhgad College of Engineering Solapur
2	Dr. Pankaj.P.Awate	PG Coordinator (Design), Governing Council Member	PVPIT, Budhgaon
3	Prof. Archana G. Thosar	Professor	COEP Technological University
4	Dr. Raghvendra Gupta	Professor	Indian Institute of Technology Guwahati
5	Dr. Parikshit Narendra Mahalle	Professor	Vishwakarma Institute of Information Technology, Pune
6	Mr. Ashok Ranade	Global Start up Trainer	Canadian Support Services for Global Start Ups
7	Dr. Ajaykumar Mishra	Professor	"Department of Chemistry, Durban University of Technology South Africa"
8	Dr. Dhananjay Tambe	Associate Professor	Center for Lung Biology, University of South Alabama, USA