



Fabtech  
Education  
Society

The Future Begins Here.

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

## 1<sup>st</sup> International Conference on Breakthrough Technologies for Sustainable Development **BTSD-2025**



### Important Dates

Sr. No.	Activity	Deadline
1	Abstract submission	20 <sup>th</sup> August 2025 to 20 <sup>th</sup> September
2	Extended abstract submission	30 <sup>th</sup> September 2025
3	Acceptance for abstracts	10 <sup>th</sup> October 2025
4	Full length paper submission	10 <sup>th</sup> November 2025
5	Early Bird Registration	10 <sup>th</sup> November to 15 <sup>th</sup> December 2025
6	Conference Date	23 <sup>rd</sup> & 24 <sup>th</sup> December 2025

**Organizer**  
**Fabtech Technical Campus Group**

---

🌐 <https://www.ftccoe.ac.in/icbtsd2025>  
✉ icbtsd@ftccoe.ac.in

---



**Chief Patrons**

**Colonel Prof. Karbhari Kale**  
(Vice-Chancellor, DBATU)

**Prof. Dr. Navanath Pasalkar**  
(Ex-DTE Director)

**Institute Management**

**Hon. Mr. Bhausaheb Rupnar**  
(Chairman, Fabtech Education Society)

**Hon. Mr. Dinesh Rupnar**  
(Executive Director, Fabtech Education Society)

**Dr. Sanjay Adate**

(Estate Director, Fabtech Education Society)

**Hon. Ms. Prajakta Rupnar**  
(Management Representative, Fabtech Education Society)

**Director of conference**

**Dr. Ameet Rupnar**

(Secretary & Managing Director, Fabtech Education Society)

**Convener**

**Co-Convener**

**Dr. Vidyarani Kshirsagar**  
(Dean R & D & Vice Principal, FTCCOER, Sangola)

**Dr. Savita Sonawane**  
(Professor, Fabtech Pharmacy College Sangola)

**Conference Steering Committee**

**Dr. Santosh Patil**  
(Associate Professor Rajarambapu Institute  
of Technology, Rajaramnagar)

**Dr. P. A. Bansode**  
(Professor, Sangola Mahavidyalay, 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)

## 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. Dhananjay Tambe	Associate Professor	Center for Lung Biology, University of South Alabama, USA
3	Mr. Ashok Ranade	Global Start up Trainer	Canadian Support Services for Global Start Ups
4	Dr. Ajaykumar Mishra	Professor	"Department of Chemistry, Durban University of Technology South Africa"
5	Dr. Raghvendra Gupta	Professor	Indian Institute of Technology Guwahati
6	Dr. Shivaji Mehetre	Scientific officer	Nuclear Agriculture and Biotechnology Division Bhabha Atomic Research Centre, Mumbai
7	Prof. Archana G. Thosar	Professor	COEP Technological University
8	Dr. Parikshit Narendra Mahalle	Professor	Vishwakarma Institute of Information Technology, Pune
9	Dr. Pankaj.P.Awate	PG Coordinator (Design), Governing	PVPIT, Budhgaon

## 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

## Organizing Committee:-

**Dr. Anup Vibhute**  
**Dr. Tanaji Dhaigude**  
**Dr. Sharad Pawar**  
**Prof. Rahul Autade**  
**Prof. Hanmant Mallad**  
**Prof. Sharad Adlinge**  
**Prof. Madhuri Surwase**

**Dr. Sanjay Pawar**  
**Dr. Somanath Thigale**  
**Dr. Suraj Nikte**  
**Prof. Shivanand Mali**  
**Prof. Rajkumar Gavade**  
**Prof. Mrs. Jyoti Shinde**  
**Prof. Jayashree Madhane**

## 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, smartinfrastructure, 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.

## 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

## 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.

All accepted and presented papers will be published in the conference proceedings with an ISBN. Selected high-quality papers will be considered for publication in Scopus-indexed journals, subject to the respective journal's review process, formatting requirements, and availability.

REGISTRATION FEES	
Participant Category	Registration Fee
Academicians	₹2000/-
Students	₹1500/-
Industry Professionals	₹5000/-
Foreign Participants	\$150/-

\* Publication charges will be applicable upon acceptance of the paper in the journal