

# National Conference ON Recent Trends of Engineering, Science and Management

**(NCRTESM 2022)**

22 - 23 April, 2022

**“Technology Transformation for  
Growth and Sustainability”**

**Organized by**



**GURU GOBIND SINGH EDUCATIONAL SOCIETY'S  
TECHNICAL CAMPUS  
Chas, Bokaro, Jharkhand**

**in association with**

**JHARKHAND UNIVERSITY OF TECHNOLOGY  
Ranchi, Jharkhand**



## **GGSESTC at a Glance**

Guru Gobind Singh Educational Society's Technical Campus (GGSESTC), founded in 2011, is acclaimed as a center of academic excellence for Engineering and Management education in the state of Jharkhand. The serene campus of GGSESTC is sprawled over 20 acres of land and located on NH 18 within the urban vicinity of Bokaro district, 'steel city' of the state. Apart from the Bokaro Steel Plant (A unit of SAIL and one of the India's oldest and largest steel plant), Bokaro has presence of many other steel producers and industrial set-ups. GGSESTC has close association and MoUs with various professional and industrial bodies including JIADA, Govt. of Jharkhand for imparting technical experience and practical know-how to students as well as consultancy projects. The college has set up Center of Excellence for statistical computational facilities for research in Management and Engineering fields. The college has been giving thrust on holistic learning to ensure the development and tremendous growth of our budding graduates for global prospective for sustainable impact on the society.



## **About the Conference**

At present, one of the greatest challenges that each country faces in realizing sustainable development is application of technology and management in different sectors in light of the emerging challenges arisen by population growth, environmental issues, inefficient use and depletion of natural resources, and limitation of funds. The present era witnesses a pragmatic change in technology for more practical approach towards the sustainable growth. The conventional technologies are compelled to be replaced by more promising technologies like Soft Computing, Digital

Technology, IoT, Analysis and Optimization Tools, Nano Science, Bioinformatics, AI, Automation, Green Technology, etc. The conference theme '*Technology Transformation for Growth and Sustainability*' is comprehensive with the identification of technological advances and implementation of new changes in different fields for social developments.

## **Objectives of the conference:**

- To understand the challenges and barriers to the effective application of technology in the present scenario
- To identify the innovative approaches of technology for sustainable growth and suitability in product design, production and promotion
- To provide an interactive platform for presenting new advances and innovative research results in the diversified fields of engineering, science and management and to explore new directions of research

## **Invitation of Papers**

Quality of thoughts, projects, and research articles are invited from the intellectual mass related with the main theme directly and indirectly as below:

- *Innovative Models for Social Science and Economic Sustainability*
- *Application of Green Technology in Production and Operation Management*
- *Innovations in Electrical, Mechanical, Material and Metallurgy Engineering*
- *Technology for Renewable Energy, Sustainable housing and Other Infrastructure*
- *Application of Artificial Intelligence/Digital Technology in new dimensions*
- *Advances in Science and Agriculture*
- *Research Articles in Textile and Fashion Technology*
- *Entrepreneurship in Service Sectors and Other Industry*

In view of pandemic situations in various parts of the country, this conference will be organized in hybrid mode (offline/online) where participants can opt for offline or online presence as per their convenience.

## How to Register?

Link for registration: <https://forms.gle/aV76tA6uhjRXs3cCA>

**Last date to register: 31.03.2022**

Conference Fee:

Category	Fee
Participants from Industry	INR 2000
Scientists/ Academicians	INR 1500
Students	INR 1200
Faculties of JUT affiliated colleges	INR 1000
Students of JUT affiliated colleges	INR 800
Online Participation	INR 1000

- Registered participants are advised to submit their formatted full length manuscript including abstract, results, tables, figures, and references.
- Paper format should strictly follow APA guidelines.
- The manuscript can be submitted to [conference2022@ggsestc.ac.in](mailto:conference2022@ggsestc.ac.in)
- Last date to submit full length manuscript: 07.04.2022**
- Selected papers will be published in the proceeding with ISSN/ISBN No. and in related reputed Scopus/WoS/UGC Care Listed International Journal\* (\*condition apply).
- Once the manuscript is accepted for the Conference, the participant needs to deposit the conference fee. The details of Bank account will be shared along with the letter of acceptance.
- Certificate of participation will be issued to the registered participant and for any other additional participation certificate, an additional amount of Rs. 250 will be charged.
- Kit and lunch will be provided to each registered participant for two days.

## Transportation & Accommodation

Participants are requested to make their own arrangements of travel and accommodations. However, necessary information and support will be provided for accommodation in nearby hotels on request.

## Chief Patron

- Sh. Tarsem Singh, Hon'ble President, GGES, Bokaro, Jharkhand
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