



## ISTE SECTION FACULTY CONVENTION 2025

On

### “Recent Trends in Science, Technology & Management”

(Bihar & Jharkhand Section)

(An Initiative of IQAC, GGSESTC, Bokaro)

(18<sup>th</sup> - 19<sup>th</sup> October, 2025)



Institute Membership No: 2608

Letter ID No.: ISTE/Sanction-Section Convention/2025-26/246 dated 4<sup>th</sup> May 2025



Organized by

**Guru Gobind Singh Educational Society's  
Technical Campus**

(An Engineering & Management College)

(Accredited by NAAC with grade B++)

Kandra, Chas, Bokaro, Jharkhand – 827013

Website: [www.ggsestc.ac.in](http://www.ggsestc.ac.in)

Phone: 06542 - 265398 / 265293

**Indian Society for Technical Education**

**Bihar & Jharkhand Section**

&

**JHARKHAND UNIVERSITY OF TECHNOLOGY**

**Ranchi, Jharkhand-834010**

### CHIEF PATRONS:

- ❖ Shri Rahul Kumar Purwar, IAS., Principal Secretary, Department of Higher & Technical Education, Government of Jharkhand
- ❖ Dr. Pratapsinh Kakasaheb Desai, President, ISTE, New Delhi
- ❖ Prof. (Dr.) D. K. Singh, VC, Jharkhand University of Technology, Ranchi
- ❖ Prof. S.K. Verma, VC, Bihar Engineering University, Patna
- ❖ Shri Tarsem Singh, President, Guru Gobind Singh Educational Society, Bokaro

### PATRONS:

- ❖ Prof. (Dr.) Mithilesh Kumar Jha, Principal, M.I.T Muzaffarpur & Chairman ISTE Section Management Committee Bihar & Jharkhand
- ❖ Shri S.P. Singh, Secretary, GGSES, Bokaro
- ❖ Dr. S.M. Ali, Executive Secretary, ISTE, New Delhi

### CONVENOR:

- ❖ Dr. Priyadarshi Jaruhar, Director, GGSESTC, Bokaro

### ORGANIZING SECRETARY :

- ❖ Dr. Manojit De, Assoc. Prof. GGSESTC, Bokaro
- ❖ Prof. Goutam Kumar, Asst. Prof. ECE, GGSESTC, Bokaro

### NATIONAL ADVISORY COMMITTEE

- ❖ Prof. Anil Kumar, EC Member- Bihar & Jharkhand
- ❖ Prof. Sukumar Mishra, Director, IIT Dhanbad
- ❖ Prof. Binod Kumar Kanaujia, Director, NIT Jalandhar
- ❖ Prof. Goutam Sutradhar, Director, NIT Jamshedpur
- ❖ All Principals of Engineering and Polytechnic College, Bihar & Jharkhand

### SECTION MANAGING COMMITTEE

- ❖ Dr. Bal Krishan Sahay (LM 140617), Advisor (Technical Bihar state Disaster Management Authority)
- ❖ Dr. Amresh Kumar Rai (LM 25919), Assoc. Prof. & Head, Dept. of Civil Engg., MIT Muzaffarpur, Bihar,
- ❖ Dr. Priyadarshi Jaruhar (SLM 0036), Director, GGSESTC, Bokaro

### BEST FACULTY/PRESENTER/PAPER AWARD COMMITTEE

- ❖ Prof. (Dr.) Mithilesh Kumar Jha, Principal, M.I.T Muzaffarpur
- ❖ Dr. Priyadarshi Jaruhar, Director, GGSESTC, Bokaro
- ❖ Dr. A.P. Burnwal, Professor (Engg. Mathematics), HOD BSH, GGSESTC, Bokaro
- ❖ Prof. Apurba Sinha, Asst. Prof., CSE, coordinator BBA & BCA GGSESTC, Bokaro

### ISTE MEMBER COMMITTEE

- ❖ Dr. Priyadarshi Jaruhar, Director, GGSESTC, Bokaro
- ❖ Dr. R.P. Verma, Assoc. Prof., Civil, GGSESTC, Bokaro
- ❖ Dr. Deepak Kumar, Assoc. Prof., B S H, GGSESTC, Bokaro
- ❖ Dr. Vaibhav Gupta, Asst. Prof., Fashion Technology, GGSESTC, Bokaro
- ❖ Prof. Rohit Verma, Asst. Prof., ECE, GGSESTC, Bokaro
- ❖ Prof. Pankaj Kumar Ray, Asst. Prof., EEE, GGSESTC, Bokaro
- ❖ Prof. Sumit Pandey, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Manoj Mehta, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Mukesh Sinha, Asst. Prof., BSH, GGSESTC, Bokaro
- ❖ Prof. Daya Shankar Diwakar, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Vikash Kumar Jain, Asst. Prof., MBA, GGSESTC, Bokaro
- ❖ Prof. Goutam Kumar, Asst. Prof. ECE, GGSESTC, Bokaro

- ❖ Dr. A. P. Burnwal, Professor, BSH, GGSESTC, Bokaro
- ❖ Prof. Apurba Sinha, Asst. Prof., CSE, GGSESTC, Bokaro
- ❖ Prof. Mahmood Alam, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Md Hussain Ansari, Asst. Prof., CSE, GGSESTC, Bokaro
- ❖ Dr. Manojit De, IQAC coordinator, Assoc. Prof., BSH, GGSESTC, Bokaro

### ORGANIZING COMMITTEE

- ❖ Prof. Rohi Prasad, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Sumit K. Pandey, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Adv. Pallavi Prasad, Administrative Officer, GGSESTC, Bokaro
- ❖ Prof. Manoj Kumar, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Mahabir Prasad, Asst. Prof., MBA, GGSESTC, Bokaro
- ❖ Mr. Anil Kumar Singh, System Administrator, GGSESTC, Bokaro

### TECHNICAL COMMITTEE

- ❖ Dr. Manojit De, IQAC coordinator, Assoc. Prof., BSH, GGSESTC, Bokaro
- ❖ Dr. Deepak Kumar, Assoc. Prof., BSH, GGSESTC, Bokaro
- ❖ Dr. Akash Arya, Asst. Prof., ECE, GGSESTC, Bokaro
- ❖ Prof. Rohi Prasad, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Tej Bahadur Singh, Asst. Prof., ME, GGSESTC, Bokaro
- ❖ Prof. Smita Kishore, Asst. Prof., CSE, GGSESTC, Bokaro
- ❖ Dr. Nirmala Soren, CoE, JUT, Ranchi
- ❖ All principal of JUT, Ranchi affiliated colleges.

### ABOUT THE INSTITUTION:-

The Guru Gobind Singh Educational Society's Technical Campus (GGSESTC) is accredited by NAAC with grade B++ has started its journey of academic excellence in the year 2011. The Technical Campus is promoted by Guru Gobind Singh Educational Society. The Guru Gobind Singh Educational Society established in 1979, is non-profit organization working in the field of technical education. The College is multidisciplinary residential premier institute in Jharkhand. The college has MOUs and linkages with several reputed organizations such as JIADA, Bokaro Region, Government of Jharkhand, ESL Vedanta, BSL Bokaro and ICAR-NISA, Ranchi aiming to avail various opportunities for career growth, employability, skill enhancement, and research for the students. The college is the first self-funded college in Jharkhand with 17 patents and more than 200 research papers. The College has organized 1<sup>st</sup> ISTE student convention in Bihar & Jharkhand section.

### ABOUT ISTE

Indian Society for Technical Education (ISTE) is a national, professional, non-profit society registered under the Societies Registration Act of 1860. First, started as the Association of Principals of Technical Institutions (APTI) in 1941, then, it was converted into "Indian Society for Technical Education" in 1968, with a view to enlarge its membership and activities to the cause of technological education. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union



Government. The strength of ISTE is the strong base it has in technical education institutions in the country. ISTE has an Executive Council at National level. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, the ISTE has a very large and an effective membership base consisting of 139941 Life Members, more than 3 lakh Student members, 3264 Institutional Members, 1475 Faculty Chapters, 1802 Student Chapters at institutional level and 19 Sections at State level.

### ABOUT THE CONVENTION

The ISTE Faculty State-level Convention (Bihar & Jharkhand) is centered on exploring the pivotal role of technical innovations in driving social reforms. Advancements in technology significantly impact education, healthcare, and communication. E-learning platforms make education accessible to remote areas, bridging the urban-rural gap. Telemedicine revolutionizes healthcare, ensuring services reach underserved populations. Social media fosters global awareness and mobilization for social causes. Renewable energy innovations address environmental challenges, promoting sustainable development. Integrating technical innovations into societal frameworks enhances quality of life and propels us toward a more equitable and inclusive society. Embracing these advancements is essential for sustainable social progress

### CONVENTION OBJECTIVE

- ❖ Explore the latest advancements in science and technology on a global scale.
- ❖ Facilitate networking and collaboration among young minds from diverse backgrounds.
- ❖ Provide a platform for showcasing innovative research and projects.
- ❖ Foster cross-cultural understanding and a global perspective in science and technology.
- ❖ Encourage discussions on addressing global challenges through collaborative efforts.
- ❖ Empower young individuals to contribute to the future of science and technology

### Editorial Board

- ❖ Dr. Manojit De, IQAC coordinator, Assoc. Prof., BSH, GGSESTC, Bokaro
- ❖ Adv. Pallavi Prasad, Administrative Officer, GGSESTC, Bokaro
- ❖ Dr. Deepak Kumar, Assoc. Prof., BSH, GGSESTC, Bokaro

### CALL FOR PAPERS

We invite original contributions in the form of research papers, case studies, and posters covering but not limited to the following topics:

- » Smart Cities and Sustainable Development
- » Education and E-learning
- » Agricultural and Rural Development
- » Social Entrepreneurship and Innovation
- » Cyber Security and Data Privacy
- » Sustainable Manufacturing and Production
- » Recent Developments in AI, ML & IOT
- » Renewable Energy Systems
- » Advanced Robotics and Automation
- » Additive Manufacturing and 3D Printing
- » Smart Materials and Structure

### ABSTRACT SUBMISSION GUIDELINE

All abstracts are being accepted for oral presentations. Abstracts must clearly define the objectives, status, methodology, results, and significance outcome of the study. The length of abstract in your original submission should not exceed one page. The abstract can be submitted to

[convention@ggsestc.ac.in](mailto:convention@ggsestc.ac.in)

### IMPORTANT DATES :

Last date of receipt of abstract	19 <sup>th</sup> September, 2025
Intimation of acceptance	24 <sup>th</sup> September, 2025
Last date of Registration	1 <sup>st</sup> October , 2025

### PARTICIPATION FEE :

ISTE Member	Rs 1000/
Non-ISTE Member	Rs 1500/

#### Note:

- Registration fees are non-refundable
- Free Accommodation.

### PAPER SUBMISSION

Corresponding authors or presenting authors of accepted abstracts are invited to submit full papers. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this event. All accepted abstracts/full length papers will be published in the book as book chapter with ISBN no.

### INDUSTRY PARTNER

- MECON, Ranchi
- BSL Bokaro
- ESL Vedanta, Bokaro
- ONGC, Bokaro
- Powerica Ltd, Mumbai

### PAYMENT DETAILS:

**Bank Name:** Union Bank of India

**Branch Address:** Guru Gobind Singh Educational Society's Technical Campus, Kandra (V), Chas :827013, Bokaro, (Jharkhand)

**Account Name:** Guru Gobind Singh Educational Society's Technical Campus

**Account Number:** 587202010000593

**IFSC Code:** UBIN0565351

### Contact us:

For any queries or any information, please contact:

**Convener:** 98227-32264

**Phone No.:** 06542 - 265 398

**Toll Free No.:** 18003455398

**Email:** [convention@ggsestc.ac.in](mailto:convention@ggsestc.ac.in)

### Hosted By:

ISTE

(Bihar & Jharkhand Section)

<https://www.ggsestc.ac.in/>

Phone: 06542 - 265 398

### Google form Link:

<https://forms.gle/XXqX9JjBWpJfYy45A>