



## 2<sup>nd</sup> ISTE Bihar & Jharkhand Students' Convention on

# “Next-Generation Technologies for a Resilient Society”

(Hybrid Mode)

(21<sup>st</sup> - 22<sup>nd</sup> MARCH 2026)

Institute Membership No: 3254



Jointly organised

**Government Engineering College, Vaishali,**

**Muzaffarpur Institute of Technology,**

**Muzaffarpur**

**&**

**Bihar Engineering University, Patna**

**Bihar 800001**

**Under**

**Bihar Jharkhand Section, ISTE New Delhi**

**Hosted by:**

**Government Engineering College, Vaishali,**

(Shyampur, Mansurpur, Bidupur, Vaishali)

(84415, Bihar)

## CHIEF PATRONS:

- Prof. (Dr.) Pratap Singh Desai, President, ISTE, New Delhi
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## CO-CONVENOR:

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- Dr. Ashish Srivastava, Assoc. Prof., ME, MIT Muzaffarpur

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- Mr. Vivek Raj, Asst. Prof. CSE, GEC Vaishali
- Mrs. Nivedita Singh, Asst. Prof., ECE, GEC Vaishali

## ABOUT THE INSTITUTION

Government Engineering College (GEC), Vaishali is a premier technical institution established in 2018 under the Department of Science, Technology & Technical Education, Government of Bihar. The institute is committed to delivering quality technical education, promoting innovation, and nurturing skilled engineers to meet industry and societal needs.

- **Campus Area:** 12.5 Acres
- **Location:** Shyampur, Mansurpur, Bidupur, Vaishali – 844115, Bihar
- **Undergraduate Programs:** 8 B.Tech branches with **a total intake of 450 students**
- **Postgraduate Programs:** 5 M.Tech branches with **a total intake of 102 students**
- **Faculty Strength:** 55 qualified and experienced faculty members
- **Student Development:** 5 active clubs – Technical, Sports, Art & Craft, Music, and Cultural
- **Academic & Innovation Cells:** Placement Cell, Startup Cell, Entrepreneur Cell, and R&D Cell
- **ISTE Membership:** 733 Student Members and 35 Faculty Members

## ABOUT THE ISTE:

The Indian Society for Technical Education (ISTE) is the leading national professional, non-profit organization committed to strengthening the technical education system in India with the motto “Career Development of Teachers and Personality Development of Students.” As the only national body of educators in engineering and technology, ISTE plays a vital role in supporting government initiatives and promoting excellence in technical education. With a strong network of over 1,43,000 teachers, 5,35,000 students, 3332 institutional members, 1488 faculty chapters, 1858 student chapters, and 19 state sections, ISTE provides training programs, organizes annual conventions and seminars, fosters research and innovation, and works closely with AICTE, NBA, and universities through collaborations and MoUs, thereby contributing significantly to the production of highly skilled professionals required by industry and society.

## ABOUT THE CONVENTION:

The 2nd Bihar & Jharkhand Students Convention on “**Next-Generation Technologies for a Resilient Society**” will serve as a platform for students, researchers, and academicians to explore how emerging technologies can address today’s global challenges. The focus will be on innovations that promote sustainability and resilience through smarter infrastructure, renewable and efficient energy systems, sustainable manufacturing, and advanced mobility solutions. Digital technologies such as artificial intelligence, data analytics, cybersecurity, and next-generation communication tools will also be highlighted for their role in creating secure and inclusive societies. Additionally, discussions will emphasize sustainable food processing and preservation methods to ensure nutritional security. By uniting these multidisciplinary innovations, the convention aims to inspire young technocrats to develop solutions that contribute to building a sustainable, inclusive, and future-ready society.

## CONVENTION OBJECTIVE:

- To explore the role of next-generation technologies in building a sustainable and resilient society.
- To provide a platform for students and researchers to showcase innovative ideas, projects, and research findings.
- To promote interdisciplinary collaboration among young technocrats, academicians, and industry professionals.
- To encourage the application of smart infrastructure, renewable energy, digital technologies, and sustainable practices for societal development.
- To foster innovation and entrepreneurship in addressing real-world challenges.
- To inspire the next generation to contribute solutions that strengthen communities and support inclusive growth.

## STUDENT COMMITTEE:

- Aryan Raj, EE, Member ISTE Student Chapter
- Ishank Raj, ME, Member ISTE Student Chapter
- Prarthna, CE, Member ISTE Student Chapter
- Sweta Kumari, CE, Member ISTE Student Chapter
- Prabal Kumar, CSE, Member ISTE Student Chapter
- Aditya Ranjan, ECE, Member ISTE Student Chapter
- Mohit Raj, ECE, Member ISTE Student Chapter

## CALL FOR PAPER & HACKTHON:

We invite original research papers, case studies, innovative projects, and posters from students, academicians, and researchers on the theme “**Next-Generation Technologies for a Resilient Society**”. Contributions may include, but are not limited to, the following areas:

- Smart and Sustainable Infrastructure Development
- Renewable Energy Systems and Smart Grids
- Advanced Manufacturing and Green Mobility Solutions
- Artificial Intelligence, Machine Learning & Data Analytics
- Cybersecurity, Cloud Computing, and Digital Transformation
- Internet of Things (IoT), Wireless Networks & Communication Systems
- Robotics, Automation, and Intelligent Systems
- Sustainable Product Design and Energy-Efficient Technologies
- Food Security, Processing & Preservation Technologies
- Emerging Interdisciplinary Technologies for Social Development

Selected papers, posters, and projects will be presented during the convention, and accepted full-length papers will be published as book chapters with ISBN.

## 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

## 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.

## IMPORTANT DATES:

|                                  |                                 |
|----------------------------------|---------------------------------|
| Last Date of receipt of abstract | 21 <sup>st</sup> January, 2026  |
| Intimation of acceptance         | 7 <sup>th</sup> February, 2026  |
| Last date of registration        | 21 <sup>st</sup> February, 2026 |

## Events Name:

- Quiz
- Paper/Poster Presentation
- Projects/Models/Prototype Exhibition
- Group Discussion
- CAD
- Proteus/Matlab
- Coding Contest

## REGISTRATION FEE:

**ISTE Member**  
-Rs.300/only

**Non-ISTE Member**  
-Rs.500/only

## Note:

- Registration fees are non-refundable
- Free- Fooding and Lodging
- All selected Paper and Poster Presentation will be Published with an ISBN.

## BEST STUDENT AWARD

- Each event will recognize one best -performing student or group from among all participants.

## Google Registration Link:

• <https://forms.gle/cS16cVBjfcqAcYZe8>

## Contact us:

For any queries or any information, please conatct:

**Convenor:** 9074154562

**Co-Convenor:** 7033586882

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