

Report on ISTE Events — Engineers' Day 2025

Date: 15 September 2025

Venue: Mechanical Seminar Hall & ISTE Office, Jorhat Engineering College

Introduction

Engineers' Day is observed annually on the birth anniversary of **Sir Mokshagundam Visvesvaraya**, honouring his pioneering engineering contributions and his emphasis on discipline, innovation, and public welfare. On **15 September 2025**, the **ISTE Student Chapter** of Jorhat Engineering College organized a special celebration of Engineers' Day, hosting technical competitions and engaging students in creative engineering challenges.

The day commenced with an inauguration in front of the Principal's Office. **Dr. Rupam Baruah**, Principal of Jorhat Engineering College, along with professors and students, presided over the ceremony. The ceremony included a lighting of the lamp, followed by a floral tribute to the portrait of Sir Mokshagundam Visvesvaraya, as a mark of respect and to invoke the spirit of engineering excellence among the students and faculty.

Event 1: Technical Quiz Competition

The first event of the day was a **Technical Quiz Competition**, aimed at testing students' theoretical knowledge across engineering disciplines as well as awareness of recent technological developments. The quiz comprised multiple rounds, including general technical questions, rapid-fire segments, and possibly audio-visual rounds to challenge both subject-matter depth and quick thinking.

Participation

- Each participating team consisted of **2 members**.
- Students from various departments took part, forming teams to represent their departments or as mixed-department groups.

Awards

- **1st Prize:** ₹ 500 was awarded to the team securing first place, along with certificates.
- **2nd Prize:** ₹ 300 was awarded to the second place team, along with certificates.
- All participant teams (or members) also received certificates of participation or merit to acknowledge their effort and engagement.

Event 2: Bot Building Competition

The second major event was the **Bot Building Competition**. This event provided a practical avenue for students to apply engineering principles in design, fabrication, and programming. Teams were tasked with building bots that could perform specific tasks (like movement, obstacle negotiation, , or other challenges), taking into account design efficiency, stability, innovation, and overall performance.

Participation

- **10 teams** participated in this competition.
- Each team also consisted of **4 members**, making about 40 students involved.
- Teams were provided with all the required material and equipment.

Awards

- **1st Prize:** ₹ 1500 awarded to the winning team, along with certificates.
- **2nd Prize:** ₹ 1000 awarded to the runner-up team, along with certificates.
- **3rd Prize:** ₹ 400 awarded to the third place team, along with certificates.
- All teams were given certificates of participation; in addition to the top three, others were recognized for their efforts.

Outcome

- The ISTE events successfully engaged a broad cross-section of students, stimulating interest in both theoretical and hands-on aspects of engineering.
- The Technical Quiz nurtured quick recall, conceptual clarity, and awareness of current technological trends.
- The Bot Building Competition encouraged creativity, team coordination, problem solving under constraints, and practical engineering skills.
- The prize incentives and certificates helped motivate participants; moreover, the recognition fostered healthy competition.
- Overall, the event strengthened camaraderie among departments, provided learning beyond classroom, and inspired students to think about innovation and application.

Organisers

- The events were organized by the **ISTE Student Chapter**, Jorhat Engineering College.
- The smooth execution of the event was ensured by the dedicated efforts of the ISTE core-member team and the Faculty Advisor, **Dr. Diganta Hatibaruah**.
- Student volunteers played crucial roles in registration, coordination, timekeeping, arranging venues (Mechanical Seminar Hall & ISTE Office), ensuring smooth transitions between events, and overall management.

Acknowledgement

We sincerely thank Principal, **Dr. Rupam Baruah** and Faculty Advisor, **Dr. Diganta Hatibaruah** for their exemplary guidance and support throughout , organizing the entire event.

Conclusion

The Engineers' Day celebration on 15 September 2025 at Jorhat Engineering College, organised by ISTE, was a resounding success. From the emblematic inauguration with lamp lighting and floral tribute, through engaging events like the Technical Quiz and the Bot Building Competition, the program upheld the spirit of Sir Visvesvaraya's legacy. It not only reinforced technical learning but also enhanced skills like teamwork, innovation, and application. Such events are vital in nurturing well-rounded engineers. Future Engineers' Day celebrations can build on this by expanding the number/types of events, increasing inter college participation, and adding more levels of challenge to further inspire and benefit students.



