INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

Date: 11.05.2024

Event Report

Academic year:2023-24	**Semester: All final year students**
Name of the Event: Project exhibition for final year students	**Date of the Event:11.05.2024**
Time:10:00AM onwards	**Venue: SECAB Robotics Lab**

Judging Panel:

- **Mr. Shaukat Kotwal, Co-founder and CEO,Innovatum.com**
- **Dr. S. A. Quadri, HOD, Dept. of Computer Science & Engineering**
- **Dr. Prashant Metri, Dept. of Basic Science**
- **Dr. Abbasali Dhundasi, Dept. of Civil Engineering**

Objectives of the Event:

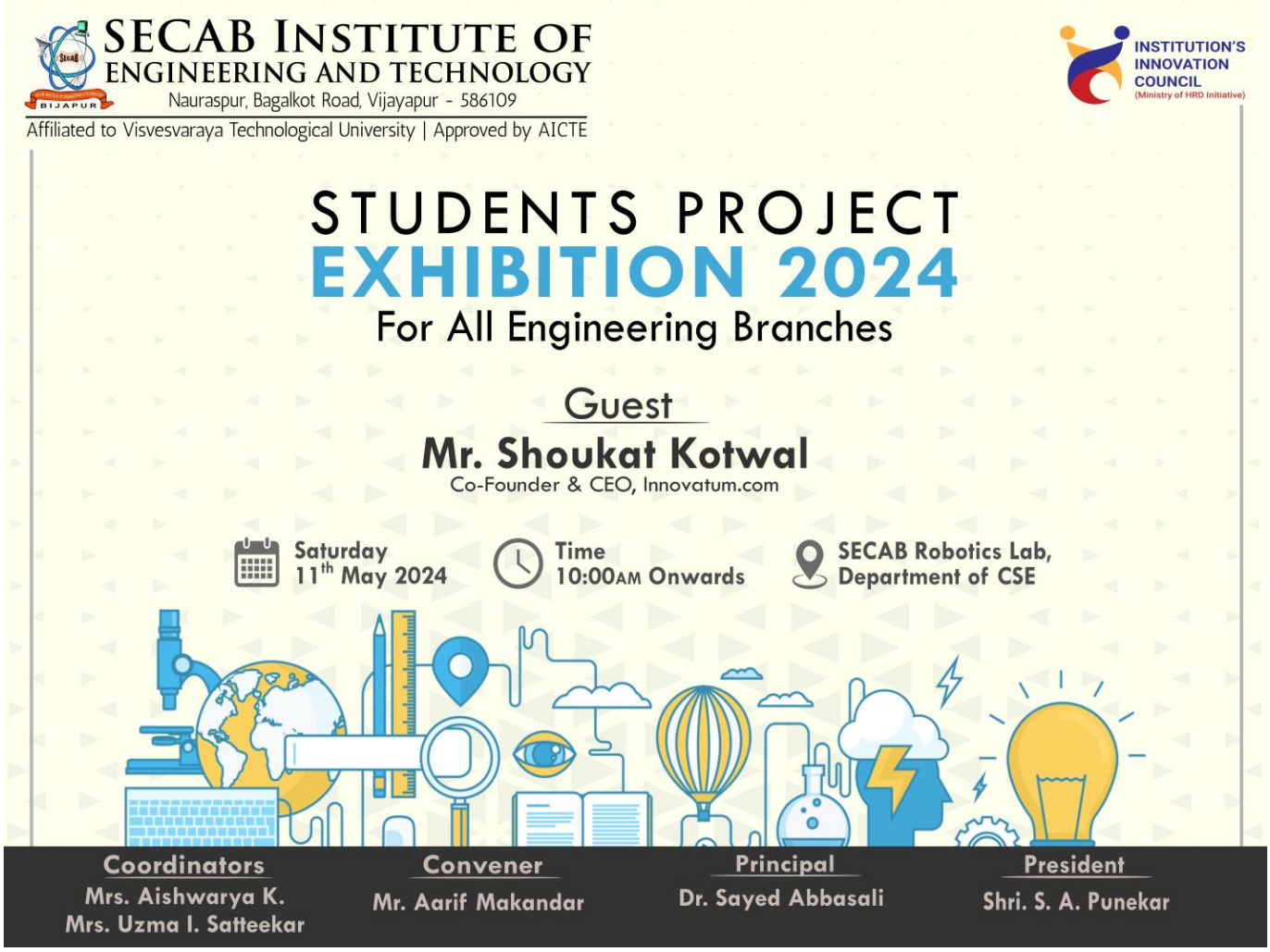
- Integration of Theory and Practice: Engineering project exhibitions provide a platform for students to apply theoretical knowledge gained in classrooms to practical, real-world problems. This integration enhances students' understanding of engineering concepts and their ability to solve complex engineering challenges.
- Hands-on Learning: Exhibitions offer students hands-on experience in designing, building, and testing engineering projects. This practical experience is crucial for developing technical skills, problem-solving abilities, and familiarity with engineering tools and technologies.
- Promoting Innovation and Research: Engineering project exhibitions encourage students to engage in research and innovation to develop novel solutions to engineering problems. These projects often push the boundaries of existing knowledge and technologies, fostering creativity and exploration in engineering fields.
- Industry Engagement and Employability: Exhibitions provide opportunities for industry professionals to interact with students and evaluate their projects. This engagement can lead to internship opportunities, networking connections, and even job offers, enhancing students' employability and preparing them for careers in the engineering industry.
- Multidisciplinary Collaboration: Many engineering projects require interdisciplinary collaboration, involving students from various engineering disciplines. Project exhibitions facilitate collaboration between students from different departments, promoting a holistic approach to problem-solving and encouraging diverse perspectives.

- Demonstration of Engineering Principles: Through project exhibitions, students demonstrate their understanding of fundamental engineering principles such as design, analysis, optimization, and sustainability. They showcase how these principles are applied in practice to address real-world challenges.
- Community Engagement and Impact: Some engineering projects focus on addressing societal needs or community challenges. Exhibitions provide a platform for students to showcase their projects aimed at improving the quality of life, promoting sustainability, or addressing social issues, thereby fostering a sense of social responsibility among future engineers.
- Feedback and Continuous Improvement: Engineering project exhibitions enable students to receive feedback from faculty, peers, and industry professionals, facilitating continuous improvement in their projects and skill development. This feedback loop helps students refine their designs, troubleshoot problems, and enhance the quality of their engineering solutions.
- Preparation for Capstone Projects and Professional Practice: Project exhibitions often serve as a precursor to more extensive capstone projects or senior design projects. Engaging in exhibitions helps students develop project management skills, teamwork abilities, and presentation techniques that are essential for successful completion of their final projects and for their future professional practice as engineers.
- Promoting Collaboration and Teamwork: Working together on a project encourages them to communicate effectively, delegate tasks, and leverage each other's strengths to achieve common goals.
- Peer Learning and Networking: Create opportunities for students to interact with their peers, exchange ideas, and learn from each other's projects. They also provide a platform for networking with fellow students, faculty members, and sometimes even industry professionals, which can lead to future collaborations or career opportunities.
- Assessment and Feedback: Exhibitions often serve as a form of assessment, allowing faculty members to evaluate students' work and provide feedback for improvement. This feedback loop is essential for students to reflect on their projects, identify areas for growth, and refine their skills.
- Celebrating Achievement: Lastly, project exhibitions provide a platform for celebrating students' achievements and recognizing their hard work and dedication. It's an opportunity to acknowledge their contributions to their field of study and inspire them to continue pursuing excellence.

Details of Event:

"Science begins with wonder, scientific temperament and rational thinking"

The department of Electrical & Electronics Engineering and Electronics & Communication Engineering under Institution Innovation Counsil (IIC) jointly organized a Project exhibition for final year students for all Engineering branches on 11th May, 2024 in SECAB Robotics Lab at SIET campus.



The event was hosted by all staff members and HODs of both the departments. Students from final year were actively involved in the event.

The inaugural function was hosted by Mrs. Aishwarya, Assistant professor, Dept. of EEE. Mr. Shaukat Kotwal, CO-founder & CEO, Innovatum. com., Dr. Syed Abbasali, Principal, SIET, Dr. S. A. Quadri, HOD, CSE dept, Dr. Abbasali Dhundasi, HOD, Civil Dept, Ms. Tabasum G,HOD,ECE Dept. Mr. Shivram Jalapur, EEE Dept inaugurated the function.

Mr. Shaukat Kotwal addressed the students and shared his views on why Practical knowledge and skill development is important for engineering graduates in attaining good positions in the

industries. Sir stressed on the fact that building one's profile is more important to enter the industry rather than sticking on to enhancing the grades.

Inspired, encouraged and motivated by the teachers, students displayed different Projects with great enthusiasm and excitement. The exhibition was open from 10:00AM to 2:00PM. Students of all engineering branches were participants in this event and students from 2nd year and 3rd year were also provided an opportunity to view the exhibition.

The following groups secured winning positions in the project exhibition

Sr. No	Branch	Group Members	Title of the project	Position
1	Computer Science & Engineering	Ms. Sadaf Naaz Ms. Umme Salma Ms. Uzma Ms. Zakiya	IoT based Paralysis healthcare monitoring system(Hemiplegia)	1st place
2	Civil Engineering	Mr. Hazrat Bilal Mr. Syed Md.Saqlain Mr. Md.Affan Mr. Syed Md.Arfa	New age Technology-MIVAN Construction	2nd place
3	Electronics & Communication Engineering	Mr. Furqan Faizal D. Mr .Md. Kaif Indikar Mr.Md.Ismail Goundi	Smart Trolley with Automatic billing system	3rd place
4	Electronics & Communication Engineering	Mr. Shaikh Ainullah Mr. Abdul Mateen M. Mr. Rabbani Jamadar	Automobile black box system for accident analysis using IoT	Special Mention

It was an innovative and experimental day for all the students. The event provided a platform to exhibit innovative projects. Around 20 project groups participated in the event. The winners of the Project Exhibition were given the certificate of appreciation and Medal during the valedictory function at the end of the event. Mrs. Aishwarya, Assistant Professor, Dept of EEE, proposed vote of thanks and concluded the event.

Glimpses of the event

SMART TROLLY WITH AUTOMATIC BILLING SYSTE
CREATIVE

NOVATION
GPS Map Camera
Vijayapura, Karnataka, India
RP49+R25, Bagalkot Rd, Jala Nagar, Vijayapura, Karnataka 586109, India
Lat 16.807242°
Long 75.717968°
11/05/24 11:58 AM GMT +05:30
Google

TEAM
LEADER
INNOVATION
MIVAN

	SECAB Association's **SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPUR** (Approved by AICTE, New Delhi and Affiliated to VTU, Belagavi) **Department of Electrical & Electronics Engineering and Electronics and Communication Engineering**	**IQAC** **Event Report**

Event Coordinator **HOD** **Principal**