



**SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)**

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number F-9-12/2001-U-3 of the Government of India)  
Re-Accredited by NAAC with 'A' Grade



Celebrating 50 Years of Excellence

# MECHANICAL ALMANAC

Official Biannual Newsletter of the  
Department of Mechanical Engineering

**JAN-JUN 2021**

# VISION AND MISSION

## TRENDING THIS SEMESTER

- PROTECH 2021
- MECHRONOS PARTICIPATION IN TECHFEST 2021
- ACHIEVEMENT BY TEAM WWR

## VISION

The Department of Mechanical Engineering envisions to be recognized as a leader in offering a value-based education by disseminating knowledge, skills, and empowering students for better career opportunities.

## MISSION

1. To promote value-based education in Mechanical Engineering by facilitating professional ethics & experiential learning for better employability.
2. To encourage students to excel in research, innovation & entrepreneurship skills for addressing societal needs.
3. To enhance students' skills by promoting industrial & international collaborations to foster global competencies.

## PROGRAM EDUCATIONAL OBJECTIVES

1. Apply the fundamental knowledge & skills of Mechanical Engineering to analyse and solve real-world technical problems along with international significance.
2. Demonstrate creative, critical, and design thinking abilities by solving research problems in mechanical engineering of social relevance.
3. Communicate effectively and work as a team in multi-disciplinary domains with an entrepreneurial attitude and leadership qualities.

# INDUSTRY CONNECT



**SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)**  
Constituent of SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

## ProTech 2021

*Discover. Project. Disrupt.*

- Project • Paper • Poster
- Idea Competition for Diploma Students

📍 **Venue:** Symbiosis Institute of Technology, Pune

📅 **7<sup>th</sup> & 8<sup>th</sup> May, 2021**

**Total Prize Worth**  
**INR 1,00,000**

**REGISTER NOW**

The Symbiosis Institute of Technology proudly hosted ProTech 2021, a national-level technical project event and exhibition open to all diploma students across various disciplines. This prestigious event aimed to showcase student talent in the form of projects, papers, posters, and even innovative ideas.

The competition attracted impressive participation, with over 180 teams and 600+ participants representing diverse fields like civil engineering, mechanical engineering, electronics & telecommunication engineering, computer science engineering, and information technology. Participants hail from various regions across India, showcasing the event's national reach.

For thorough evaluation, ProTech 2021 assembled a panel of over 100 evaluators from various diploma institutes across the country, who collaborated with senior faculty at SIT to meticulously assess the presented projects and ideas. The event boasted a total prize value of INR 1,00,000/-, offering significant recognition and motivation to outstanding participants.

# MECHRONOS '21



The Mechronos 2021 Techfest, organized by the student committee MESA, was a dynamic showcase of innovation and creativity. Featuring a diverse array of events, including Tinker Art, Skrull Invade Meme War, and Quizo Rama, the festival offered participants opportunities to explore various facets of technology and culture. Attendees engaged in spirited competition, vying for exciting prizes across the spectrum of events.

Mechronos fostered an atmosphere of collaboration and excitement, where students could showcase their talents and exchange ideas. With its blend of tech-driven challenges and artistic expression, Mechronos 2021 was a memorable celebration of ingenuity and community spirit.

# WWR'S EXCITING ACHIEVEMENT



Wrench Welders Racing Electric, the Formula Student team of Symbiosis Institute of Technology, clinched the top spot in the electric vehicle category of the virtual design competition hosted by the Fraternity of Mechanical and Automotive Engineers (FMAE) on March 28th, 2021.

The competition demanded a comprehensive design of an electric vehicle and its subsystems, alongside the submission of a detailed engineering design report covering various aspects including vehicle dynamics, electrical systems, powertrain, driver interface coding, and data acquisition.

Comprising 29 members from Mechanical, Electronics, and CS/IT departments, the team excelled in showcasing their expertise and innovation.

# STUDENT ACHIEVEMENTS

 SYMBIOSIS  
INSTITUTE OF TECHNOLOGY



AND, WE ARE GLAD TO SHARE THE LIST OF STUDENTS  
WHO HAVE RECEIVED SCHOLARSHIPS FOR 2020-21

Ms. Mody Misha Amit  
(B.Tech - IT 2017-2021)  
UG Merit Sem-6

Mr. Abhinav Anand  
(B.Tech - Mech 2019-2023)  
UG Merit Sem-2

Ms. Gomes Alyssa  
(B.Tech - Mech 2018-2022)  
UG Merit Sem-4

Applauding academic brilliance, SIT proudly awarded scholarships to 25 exceptional students. Two bright stars from Mechanical Engineering stood out, their names Mr. Abhinav Anand and Ms. Alyssa Gomes, their relentless hard work and dedication now etched in the halls of achievement. These scholarships are a testament to their tireless efforts, an inspiration to their peers, and a promise of future excellence. SIT extends its heartfelt congratulations to all recipients, wishing them continued success on their academic journeys!

*Congratulations*

# THE EDITORIAL TEAM

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Prof. Vikas Gulia

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