

Celebration of Rama Navami:

Department of Mechanical Engineering celebrated Shree Rama Navami on 17th April 2024 in the Department at 11.30am. The event was attended by Principal, Academic advisor, Deans, HOD's, Academic staff, teaching staff, non-teaching staff and students, all coming together to honor and rejoice the birthday of Lord Sri Rama and to seek his blessings.



Glimpse of Ram Navami Celebration

Parent Teacher Meeting:

Parents' teaching meeting was conducted in the department on Saturday 25/05/2024 from 10.00am to 12.45pm. More number of parents was participated and expressed their happiness regarding the interest taken by the department about their wards. HOD addressed the gathering and explained about the institution, rules and regulation of the university. HOD felicitated the toppers. Few parents also gave their feedback in the end of the program.



Glimpse of Parents Teacher Meeting

Farewell Function:

Department of Mechanical Engineering has organized Farewell function for outgoing students of 2020-24 Batch at library Seminar hall on 25/05/2024. The farewell function began with an invocation song by Varsha and Poojitha, 6th Sem students. The Principal addressed outgoing students about future scope and current trends in Mechanical Engineering. The Head of the department, Dr. H R Vitala, also addressed the students and wished them all the best for their future endeavors



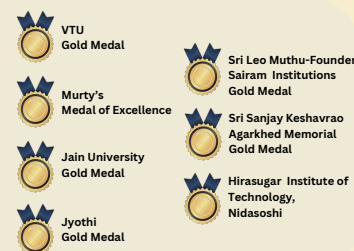
Glimpse of Farewell Function



The Management, Principal, Staffs & Students of SJBIT proudly congratulate our stellar student for clinching First Rank in VTU with a remarkable 7 Gold Medals each—your brilliance illuminates our path to excellence!



MOHAN KUMAR L.
1st Rank
7 Gold Medals
Mechanical Engineering



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S J B Institute of Technology

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
No. 67, BGS Health & Education City, Dr. Vishnuvardhan Road, Kengeri, Bengaluru – 560 080

Phone : 080-28612445/46, Fax : 080-28612651

Web : www.sjbit.edu.in, Email : Principal@sjbit.edu.in,



Department of Mechanical Engineering



Issue: 19

MECHMERISE

Year :2023-24(Even Sem)

Vision:

To become a center of excellence and a platform in diversified fields for the aspirants in Mechanical Engineering.

Mission:

- To impart comprehensive education in the field of Mechanical Engineering to produce highly accomplished graduates
- To endow technical & soft skill trainings to foster professionalism and ethical values among students
- To induce innovative thinking among students through projects and research work

Program Educational Objectives (PEO's):

- PEO-1: Progress their career as a professional in mechanical engineering and interdisciplinary fields.
- PEO-2: Become successful entrepreneur with social responsibilities and ethical values.
- PEO-3: Pursue higher education and involve in research of allied areas in mechanical engineering.

About the Department:

Department of Mechanical Engineering is headed by Dr. H R Vitala. The department is strengthened with qualified faculty members & staff, with state of art facilities. There are total 22 faculty members including HOD, out of which are 3 professors, 2 Associate Professors and 17 Assistant Professors. And there are a total of 14 non-teaching staff

Orientation Program:



HOD Addressing to Staff & Students

As per the IQAC norms, an orientation session was conducted for all the teaching & non-teaching staff members and also for UG students during the start of the even semester 2023-24. The HOD addressed the roles & responsibilities, code of conduct and different committees that are present for the welfare of the students. Everyone was strictly informed to abide by the rules & regulations of the department and the college.

Faculty Development Programme :

Department of Mechanical Engineering has organized Five Days Funded Faculty Development Program on "Current Technological Developments in Additive Manufacturing" from 8th to 12th January 2024. FDP was funded by National Centre for Additive Manufacturing. Inaugural function was held at CSE seminar hall. Chief guest of the function, Mrs. Akshatha Dayananda, Technical lead, Wipro 3D, delivered keynote address. Principal delivered presidential address highlighted the importance of 3D printing in today's manufacturing Era.



**Glimpses of FDP on
“Current Technological Developments in Additive Manufacturing” &
Industrial Visit to WIPRO 3D, Bengaluru**

Mr. Santhosh, Senior Manager, Wipro 3D and Mr. Sai Rakesh Engineer Wipro 3D were resource persons of the program. Mr. Sreenath, CEO of EMI product delivered a talk followed by interesting hands-on session. This FDP was successfully conducted by Department of Mechanical Engineering along with ECE & EEE department.

Expert Talk Series:

Expert talk on “Opportunities in Emerging Engineering” for budding Mechanical Engineers, for 4th, 6th and 8th semester students of Mechanical Engineering, in association with ISTE-SJBIT chapter, was conducted on 07/05/2024, at CSE Seminar hall.



**Glimpses of Expert talk on
“Opportunities in Emerging Engineering”**

Speaker: V. Bernard Raja, Design Specialist, CADMAXX, Bengaluru. He informed about the top prospects for newly graduated mechanical engineers in the manufacturing, automotive, and aerospace sectors. He was describing to the students the set of abilities needed to be industry-ready in soft skills like design, analysis, creativity, and Unigraphics.

Expert Talk Series:

Department of Mechanical Engineering, conducted Expert talk on "Powering Progress: The Vital Role of the Energy Sector in National Development" in association with ISTE-SJBIT chapter and IIC-SJBIT on 19/06/2024, in the Mechanical dept. seminar hall. The 6th semester EEE, CSE, ISE and Civil Engineering students (Open elective subject: Renewable Energy Power Plants). The speaker Mr. Sagar S Mali gave insight about how important renewable energy is to the development of the Indian and global energy systems.



Expert Talk by Mr. Sagar Mali

Industrial visit:

As per IQAC guideline Department of Mechanical Engineering organized an industrial visit to the Water Expo Bangalore on 29th June 2024 for the students of the 4th and 6th semesters. The visit aimed to provide students with exposure to the latest advancements in water management technologies and sustainable practices, enhancing their understanding of theoretical concepts through real-world applications.



Students at Water Expo ,Bengaluru

Field visit to GTTC:

As per Institution Innovation Council (IIC) guidelines, Department of Mechanical Engineering was organized an field visit for second semester students to Government Tool Room and Training Center (GTTC) Rajajinagar, Bangalore on 26/03/2024. The centre is equipped with advanced CAD LAB, Hydraulics & Pneumatics Labs, Material testing Lab, CNC Trainer Machines and Conventional Machines were demonstrated to students during the visit. The students got insight about innovations, incubation centers, startup opportunities and students got information about advanced research equipment’s availability in GTTC,



Students at GTTC ,Bengaluru

Project Exhibition

UG Project Exhibition was conducted on 02.05.2024. Totally 08 projects were demonstrated in the exhibition. Various domains of projects were displayed. All the students were actively participated and demonstrated their projects.

Mr. M. KOTESHWARA RAO, Director, Vescon Engineering, Peenya, Industrial Estate Bengaluru External Evaluator were reviewed all the projects and finalized two best projects

Sl. No.	Project Title	Guide	Prize
1	Development of CNC Form cutter	Mr. Shankara D. R.	1 st Rs:5000/-
2	Characterization study of Hybrid Composites	Mr. Uday M	2 nd Rs:3000/-



Glimpses of Project exhibition

Awareness Seminar on GATE & PSU’s Examination

Coaching classes on GATE/PSU’s was arranged in the Mechanical department for 4th & 6th semester students on 26-06-2024 at 10.45 am. IMS Learning Resources Pvt. Ltd (“IMS”). was invited to conduct the awareness Program. Mr. Prateek Mishra Lead Mentor at IMS GATE ACADEMY addressed the students and created awareness and possible opportunities that come along with GATE& PSU Exam. The students were made aware of the opportunities that come along with GATE Score, doing higher studies and also Job availabilities.



Glimpses of Seminar on Gate & PSU exams

Cricket Tournament under Student club

On May 11, 2024, the Department of Mechanical Engineering organized a Cricket Tournament for all Mechanical students, as well as for the teaching and technical staff. The tournament aimed to promote sportsmanship, teamwork, and camaraderie among the department's members, providing an opportunity for relaxation and interaction outside of academic activities.



Glimpse of Sports Activity