

### Parent Teacher Meeting:

Parents' teaching meeting was conducted in the department on Saturday 09/11/2024 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

### Student Clubs:

The Department of Mechanical Engineering inaugurated Student clubs named UDBHAVA, ADVAYA and SEAS on 19/11/2024 in CSE Seminar Hall. Mr. Shishir Sriniva Director, NELE design studio and alumni of our institution student spoke about teamwork in student clubs, innovative thinking and entrepreneurial skill required for students. Mr. Srinivas, Director, Samyuktha Electro Controls Pvt. Ltd., addressed students about industry requirements and skill required for mechanical engineers to become a leader and industry expectation from mechanical graduates. The principal expressed best wishes to students and explained about the institution's support towards student activities



Glimpse of Student clubs inauguration



### NPTEL CERTIFICATION



### Editorial Board

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# S J B Institute of Technology

An Autonomous Institute under VTU



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## Department of Mechanical Engineering

Issue: 20

## MECHMERISE

Year :2024-25 (Odd 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 16 faculty members including HOD, out of which are 3 professors, 2 Associate Professors and 11 Assistant Professors. And there are a total of 09 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 odd semester 2024-25. 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.

### Staff Development Programme :

Department of Mechanical Engineering has conducted SDP program on "Engineering Drawing- Theory & Practice" from 05/08/2024 to 10/08/2024 in association with ISTE & IPE around 16 participants from Mechanical & Civil Engineering Department have participated in this program. The program was co-ordinated by Dr. Chandrashekar K, Asso. Prof., Mr. Uday M, Asst. Prof. and Mr. Chandrashekar R, Formen and was supported by Dr. H R Vitala, HOD and Dr. K V Mahendra Prashanth, Principal, SJBIT.





Glimpses of SDP on “Engineering Drawing- Theory & Practice”

### Expert Talk Series:

An expert talk titled "Exploring Career Pathways and Entrepreneurship: Unlocking Opportunities for Success" was organized for Mechanical Engineering students of 1st, 3rd, 5th and 7th semesters on 26/10/2024. This event was held in collaboration with the ISTE-SJBIT Chapter and IIC-SJBIT. Speaker: Mr. Shishir Srinivas, (Alumni 2011-2015batch) Director, Nele Design Studio, Bengaluru



Glimpses of Expert talk on  
“Exploring Career Pathways and Entrepreneurship:  
Unlocking Opportunities for Success”

The program outcome provided a foundation for students to build successful careers by integrating their technical knowledge with essential professional skills.

### Expert Talk Series:

Department of Mechanical Engineering, conducted Expert talk on "In-Depth Insights into Mechanical Engineering Applications" in association with ISTE-SJBIT chapter and IIC-SJBIT. This program was conducted on 03/01/2025, for first year Mechanical Engineering students by Mr. Deepak G M, from Shri Padmavathi Consultants. The session explored advanced topics such as thermodynamics, fluid mechanics, and material science, highlighting their practical applications in industries like automotive, aerospace, and manufacturing.

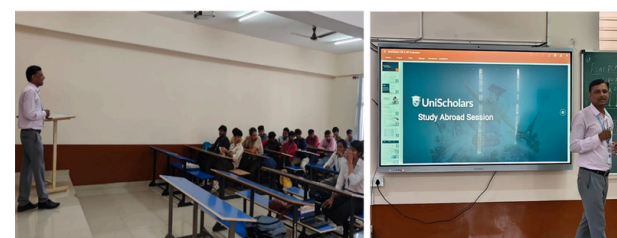


Expert Talk by Mr. Deepak G M, Team Lead,  
Shri Padmavathi Consultants

The program outcome provided a foundation for students to build successful careers by integrating their technical knowledge with essential professional skills

### Awareness Seminar

A Seminar on “Study Abroad Solution” was arranged for 5th & 7th semester students on 23-10-2024 from UniScholars – One Stop Study Abroads Solution. Mr. Prasad Shetty Lead Mentor at UNISCHOLARS addressed the students and created awareness and possible opportunities in Abroad Universities. The students were made aware of the opportunities that come along with scholarship and competitive exams for doing higher studies.



Glimpse of the UniScholars Academy Program

### Field And Exposer Visit:

As per IIC guidelines, Department of Mechanical Engineering organized a field visit for the First semester students of Computer Science Engineering to Ayangudi Dhanagala Jatire 2025 on 17/01/2025. The visit is aimed to give the exposure to students about animal husbandry, technological solutions for betterment of animals like Cow, sheep etc.



Students at Ayangudi Dhanagala Jatire

### Ayudha Pooja

Mechanical Engineering department conducted Mechanical Machine Rangoli competition on 10th October 2024 as part of Ayudha pooja, students from all semesters participated enthusiastically. Teams were formed within each semester, and the students showcased their creativity by designing Mechanical-Machine Rangoli. The competition aimed to celebrate the spirit of Ayudha Pooja, an occasion that traditionally honours tools, instruments, and machinery, which hold immense significance in the field of Mechanical Engineering.



Glimpses of Ayudha Pooja

### Anti-Ragging Awareness Week

The Anti-Ragging Awareness Week Program was organized at institution level to address the critical issue of ragging and its impact on students' well-being on 14-08-2024. The program aimed to educate students about the consequences of ragging, promote awareness about anti-ragging laws, and foster a culture of mutual respect and support within the institution

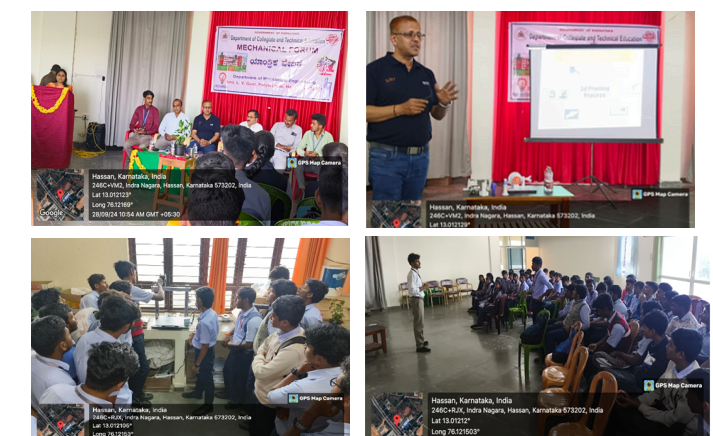
The program concluded with a pledge ceremony where all participants took an oath to neither participate in nor tolerate ragging. The Anti-Ragging Awareness Program was highly effective in raising awareness among students. The interactive sessions and personal stories had a profound impact, encouraging students to be proactive in preventing ragging



Glimpses of pledge ceremony

### Student workshop

The Department of Mechanical Engineering at Smt. L.V. Govt. Polytechnic, Hassan, recently hosted a two-day workshop on “3D Modeling and 3D Printing”, designed specifically for third-year Mechanical Engineering students. The event took place on September 28th and 29th, 2024, and featured distinguished speakers, Mr. Shankara D. R., Assistant Prof, SJBIT along with 7th sem students of Mr. Jayatheertha Joshi and Mr. Kallesh N. C. The workshop aimed to enhance the students' understanding of cutting-edge technologies that are becoming increasingly integral to the mechanical engineering field



Glimpse of SDP program