Vasavi College of Engineering(Autonomous)
Department of Mechanical Engineering
Student Exit Survey & Action Taken Report
AY: 2023-24

S no.	Feedback	Action Taken
1	More interactive learning /labs/assignments required.	Labs for Professional elective courses were introduced from AY 2024-25. Six sets of assignments are given at any given time.
2	More softwares can be included as a part of curricula and more computer systems are required with more computational power to perform CAE analysis.	Systems in CAE lab are enhanced from I-5-8Th to 13th generation and hard disk from 500GB to 1TB and RAM from 8GB to 16GB.
3	Timelines for the project can be stretched and more opportunities for industrial experience can be incorporated.	Semester cannot be stretched as the final year students enrolment for PG/Placement will be delayed.
4	Replacement of equipments that do not work.	Maintenance and Repair is carried out regularly for break down equipment.
5	Provide good faculty for placement cell.	Encouraging the students to attend the CRT with 100% attendance.
6	Focus on core courses and exclude computer courses.	IT based courses are kept in the scheme of instruction without neglecting core courses.
7	Provide internship opportunities.	Department is encouraging internships by providing recommendation letters to students. In the R20 passed out batch, 20 batches comprising 47 students did their internship in Industries.
8	Provide GRE/IELTS coaching	Providing guidance to join in GRE/IELTS through career guidance program.
9	Special coaching for students opting higher studies and Govt jobs.	Providing guidance to join in GATE/UPSC through career guidance program.
10	Focus on automobile segment and include specialised courses on it.	Automobile courses will be introduced again in professional electives from R22 batch.

S No.	Feedback	Action Taken
11	Criteria for degree completion should be based on minimum credits.	Affiliating authorities have to approve. It is not under the purview of the institute.
12	Support and funds for students participating in extracurricular activities.	Incentive policy is introduced to support to attend events related to ECA and CCA.
13	Best of two internals to be taken for CIE marks.	Can't dilute CIE marks component by considering best of two. To prepare students for SEE, both internals are considered.
14	Arrange Industrial tours and technical workshops	Local industrial tours and workshops are arranged regularly.
15	Increase lab timings	Labs are opened on request beyond institute working hours.
16	Desktop computer access for those who do not have laptops.	Desktop computer access is available in Library up to 6.30PM
17	Add sports daily so that students can work efficiently.	After 4.20 PM, Students can avail all sports. Free bus facility at 6.30 PM.
18	Provide extra library time beyond 6.30 PM	Beyond Institute hours, Library is opened up to 6.30 PM. Beyond 6.30 PM, it is not possible as this is not a residential campus.
19	Provide Visual aids for better understanding.	Every class room is equipped with audio-visual aids.
20	Quiz tests can be made more challenging	Faculty will be informed to enhance the quality of Quiz tests.
21	Provide more time to practicals and arrange activity based classes	Activity based learning is imparted thro Mini Project/Theme based Project and Main project both for Regular and Honours BE program.
22	Teach programming courses and electives based on interest.	Open electives are chosen by students only.
23	Project work should be outside the course requirements.	Encouraging students to pursue internship in Industry.
24	Include soft wares in II year so that projects can be done effectively.	Soft wares are introduced according to course requirements in each semester.
25	Start CRT training from II year.	Skill Development courses(SDC) from III semester are part of the CRT training.

HOD

Vasavi College of Engineering(Autonomous)
Department of Mechanical Engineering
Faculty Survey & Action Taken Report
AY: 2023-24

S No.	Feedback	Action Taken
1	Replacement of few drawing tables in drawing halls.	This will be informed to maintenance department for repair/replacement.
2	Separate wash rooms for faculty in the Department.	This may not be possible due to limitation of space.
3	Wifi access may be given to faculty across campus.	Wifi is available throughout the campus.
4	Need based licenses for certain softwares to faculty pursuing research.	Faculty can purchase relevant softwares from the funded projects.
5	Industry –Institute interaction can be enhanced for student understanding capabilities.	Guest lecture from Industry personnel is made mandatory for every course.
6	05 minutes break in the FN session after second hour.	Faculty are advised to avail the time suitably.
7	Relaxation of entry time for staff in the morning due to unexpected events.	10 minutes grace time is provided in the morning for unforeseen reasons.
8	Institute to provide laptop for use with OHP.	Desktop is provided for every faculty.
9	Class room ambience to be enhanced.	Will take up appropriate action to inform the Maintenance dept.
10	Canteen facility to be enhanced with better menu.	No of stalls are increased near the canteen to have a wide spread of food items.

HOD

Vasavi College of Engineering (Autonomous)
Department of Mechanical Engineering

Alumni Survey & Action Taken Report
AY: 2023-24

S No.	Feedback	Action Taken Report
1	Industry infused curriculum.	Suggestions by Industry representatives in the BOS meeting are implemented in the curriculum.
2	More practical projects during the study.	Mini project, Theme based project, Internship and final sem project, some of which are done in Industry for more practical exposure.
3	Introduce Mechatronics and micro controllers.	Embedded C programming course is introduced for BE Honours students for designing of micro controllers.
4	Encourage NPTEL, You tube lectures.	One NPTEL course is mandatory for all BE students for award of 2 credits. Relevant Youtube videos are suggested to students for better comprehension.
5	Practical knowledge enhancement.	Some extra experiments are demonstrated in Lab classes for exposure to practical concepts.
6	Provide courses like CATIA, Ansys and Solidworks.	CATIA/Hyperworks is taught as a Skill Development course. Ansys software is taught in CAE lab course which is in the curriculum.
7	Conduct more CAD courses.	Sufficient number of courses are available in the curriculum.

HOD

Vasavi College of Engineering(Autonomous)
Department of Mechanical Engineering
Parents Survey & Action Taken Report
AY: 2023-24

S No.	Feedback	Action Taken
1	Advanced modelling software such as Sheet metal modelling is required.	Popular surface modelling s/w CATIA is available in the department.
2	More core companies required for placement.	The following core companies visited the campus for placement: FMC,ZF technologies, Aavishkar Ind, Medha servo, ITC Bhadrachalam, Wolong India etc.
3	Concepts of Machine drawing(MD) and Mechanics of Materials (MOM) are used in Design of Machine Elements (DME), all of which can be taught together.	Concepts of MD and MOM are prerequisites for DME. So, they can't be taught together.
4	Host seminars on emerging technologies and their applications.	Regular guest lectures are arranged in emerging technologies.
5	Access to modern lab equipment & simulation software.	All labs are accessible to students up to 6.30 PM on daily basis.
6	Include communication & presentation skills with respect to the interviews.	Skill development courses(SDC) and Campus recruitment training (CRT) are arranged to provide communication and presentation skills.
7	Include more time for core subjects.	As per the scheme of instruction, enough time is provided for the core courses.
8	Pl ensure that all the laboratories are equipped as per the standards.	Lab equipment is available as per the academic requirement and some experiments are conducted beyond the syllabus.
9	Make students work on the practical implementation of theory that they will learn in syllabus.	All theory courses are connected to concerned labs.

Vasavi College of Engineering (Autonomous)
Department of Mechanical Engineering
BOS Survey & Action Taken Report
AY 2023-24

S No	Course Name	Change	Expert who suggested change	PO/PSO mapping
BE(Mechanical Engineering)				
1	Applied Thermo-dynamics	**Unit-I:** Volumetric Efficiency, Isothermal Efficiency and Mechanical Efficiency	Dr. C. Gururaja Rao	PO1,PSO1
2	Manufacturing Processes	**Unit-III:** Numericals on welding speed, melting efficiency, heat input in Arc welding processes **Unit-IV:** Numericals on current, heat generated in resistance spot welding **Unit-V:**Numercals on forging force, punching and blanking force	Mr. B. Sandeep	PO2,PSO2
3	Metal Cutting and Machine Tools	**Unit-IV:** Numericals on metal removal rate in AJM, ECM and EDM processes	Mr. B. Sandeep	PO2,PSO2
4	Machine Design	**Unit-III:** Introduction to design of gear box.	Mr. Md. Samiuddin (Alumni 2016-20)	PO2,PSO2
5	Refrigeration and Air Conditioning	Unit-V: Sensible heat loads, latent heat loads.	Dr. S. Venkataiah	PO1,PSO1,PSO2
6	Additive Manufacturing Technologies	Unit-III: UNIT-III Pre and Post Processing in AM 1) Pre-Processing in AM: STL Format, STL file problems, STL file repairs 2)Post Processing of AM parts: Support material removal, Surface texture improvement, Accuracy improvement, Aesthetic improvement, Preparation for use as a pattern, Property enhancements using Non-thermal and Thermal techniques.	Mr. K. Srinivasa Rao	PO1,PSO1,PSO2
ME(ADM)				
7	Mechanics of Composite Materials	Unit-IV: T Sai – Wu criteria	Mr. Bachu Sandeep	PO1

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