

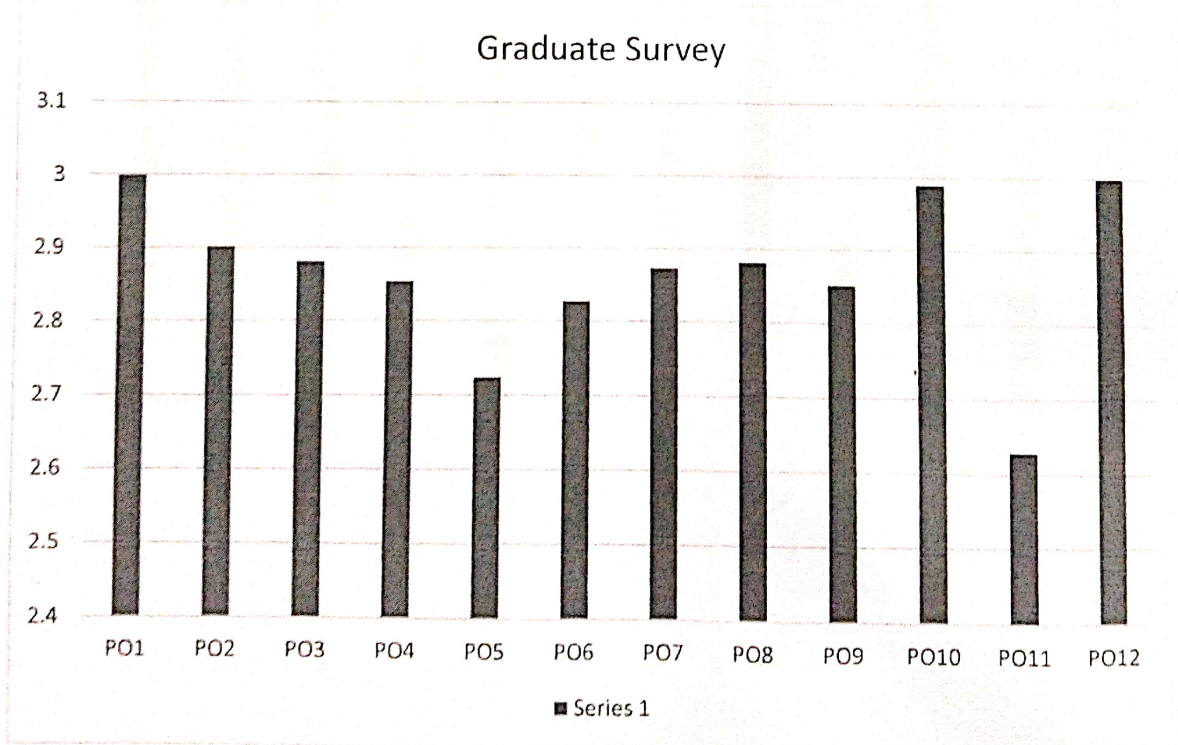
DEPARTMENT OF MECHANICAL ENGINEERING

Stakeholders Feedback Analysis 2023-24

Graduate Survey

Responses of Graduate students in program attainment versus program outcomes:

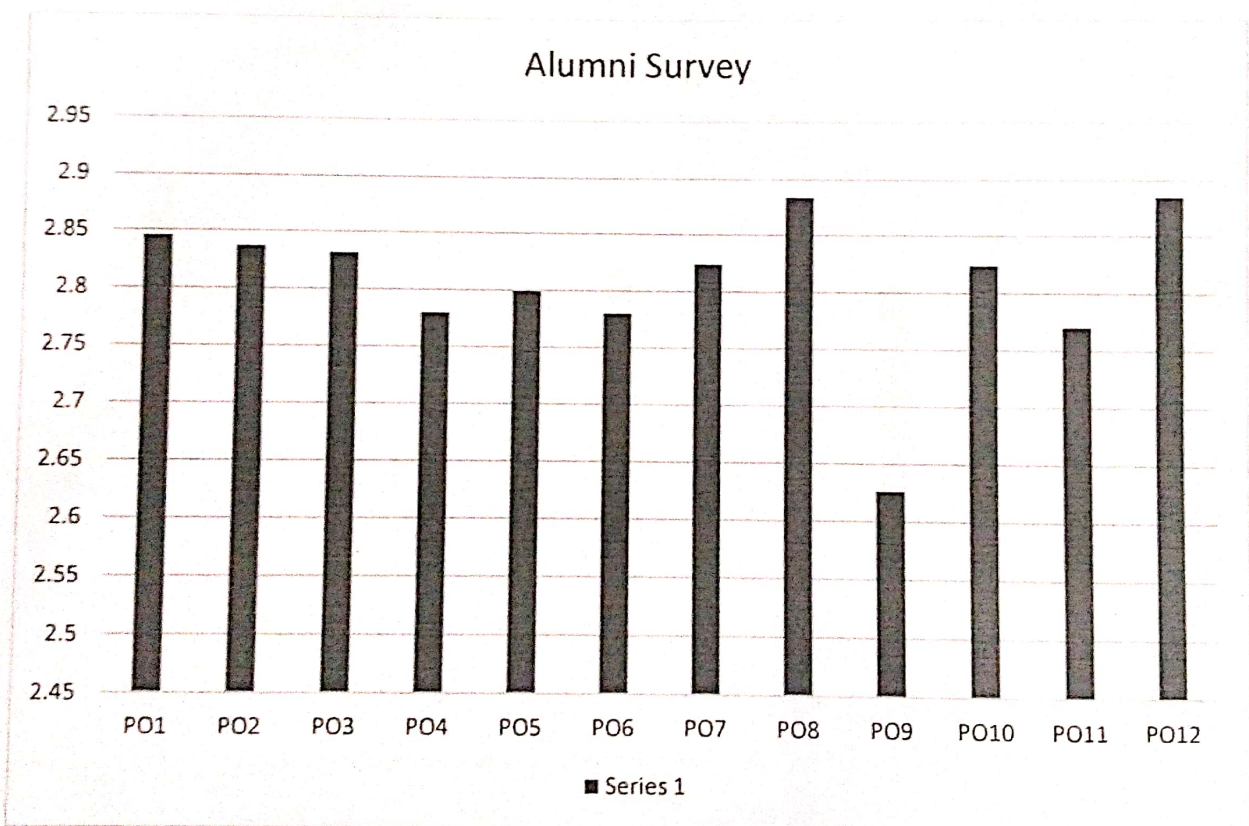
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Graduate Survey	2023-24	2.999	2.902	2.882	2.855	2.724	2.828	2.874	2.882	2.852	2.990	2.629	2.999



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Alumni Survey

Responses of Alumni students in program attainment versus program outcomes:

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Alumni Survey	2023-24	2.846	2.837	2.832	2.78	2.799	2.78	2.824	2.884	2.626	2.824	2.77	2.885

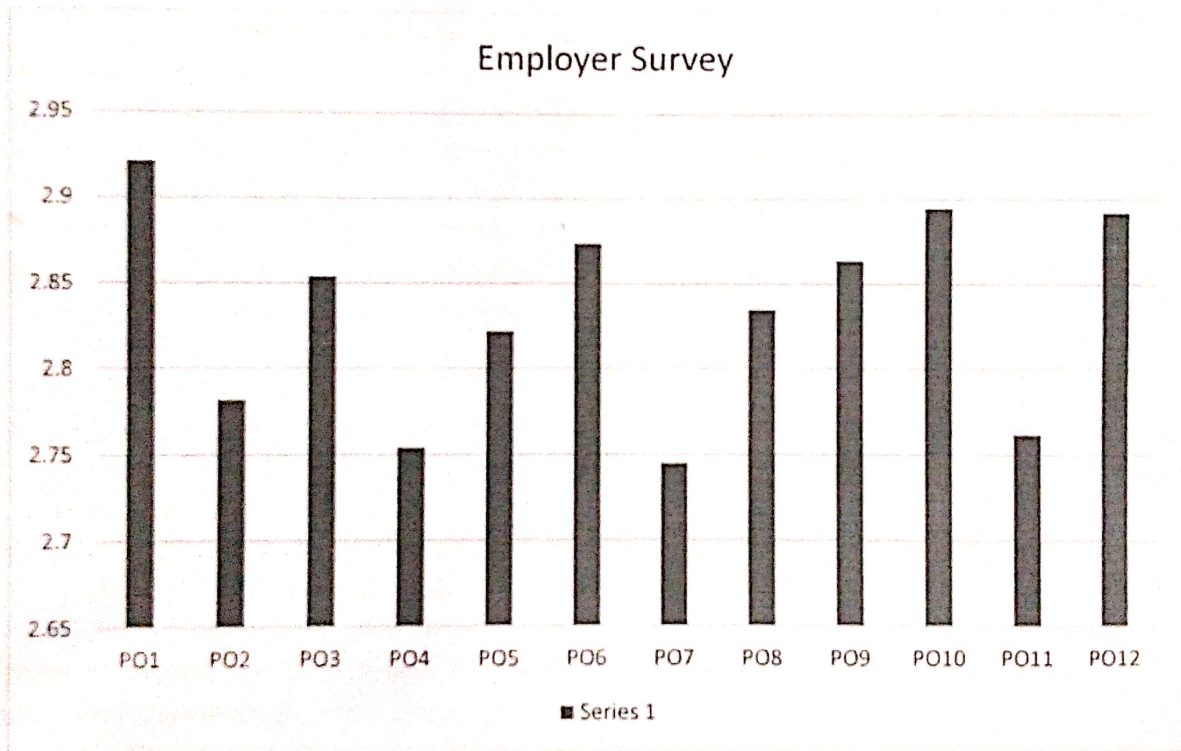


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Employer Survey

Responses of Employers in program attainment versus program outcomes:

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Employer Survey	2023-24	2.921	2.782	2.854	2.754	2.822	2.874	2.745	2.835	2.864	2.895	2.762	2.892



Action taken Report on Stakeholder's Feedback

Feedback from Stake holder's such as Students, Alumni, Employer and faculty taken by Institution/Department were considered for continuous improvements in curriculum and other academic aspects. The ultimate goal of stakeholder's feedback / survey is to get useful insights for the purpose of improvement in all aspects of teaching, learning, assessment and infrastructure facilities. For instance, Inputs collected from all the stake holder's are analyzed and carried forward in Board of Studies (BoS) for approval. After getting approval in BoS, the curriculum with the incorporation of recommended changes if any is sent to Academic Council for the final endorsement. The following structure describes the significance of stake holders for the development.

1. Graduate Feedback:

- The inputs from the graduating students on design of curriculum, services rendered, use of novel teaching technologies and their overall experience related to facilities and educational resources. However, graduating student will be submitting their overall impression related to institute along with this feedback.

2. Alumni's Feedback:

- Alumni are considered as the ambassadors of the institution to the outside world. They are in a position to evaluate the extent to which the programme is effective in achieving the desired objective. As an alumnus they share their experience and participate in curricular updates in view of emerging technologies and tools.
- Alumni survey is conducted, through which suggestions are provided to design syllabus as per the expectations of current trend which makes the students industry ready and which in turn helps to prepare for competitive examinations.

3. Employer Feedback:

- Employer feedback helps in enriching the program with industry relevant courses (Electives) which enable bridging the gap between the program curriculum and industry requirements.

Along with the above surveys, Department has taken feedback specifically on curriculum from various stakeholders in view of identifying the gap in the syllabus as per the requirement of current trend. Suggestions like more smart and experiential leaning and approach to competitive exams, while framing the syllabus of various courses were consolidated and discussed in BOS meeting.

Since few courses are multidisciplinary, faculties from various departments are actively participating in the syllabus restructuring process, as being members of Board of Studies. These suggestions were communicated to the chairman of the board for the proper redressal of suggestions. Following actions were prominently taken after analyzing the feedback from Stake holders.

- Few emerging courses like Automation Engineering, Product Life Cycle Management, Machine Learning (ML), Internet of Things (IoT) , Object Oriented Programming Using JAVA and SAP have been introduced.
- More industrial, value added courses and workshops are conducted.
- Expert lectures on relevant subjects / areas were conducted.
- Carrier guidance lectures were also conducted on different topics to inculcate interest in subjects.
- Industrial visits were organized for connecting the students with practical exposure.
- Bio Inspired Design and Innovation Course is recently introduced for all branches of Engineering focuses on

how biological systems inspire the design of engineering solutions. Students learn how nature's evolutionary processes lead to efficient designs that can be applied to solve complex mechanical engineering problems

- Bio Mechanical Engineering Science Lab focuses on the intersection of biology and mechanical engineering, where principles from both fields are used to study and solve biological and mechanical problems.