

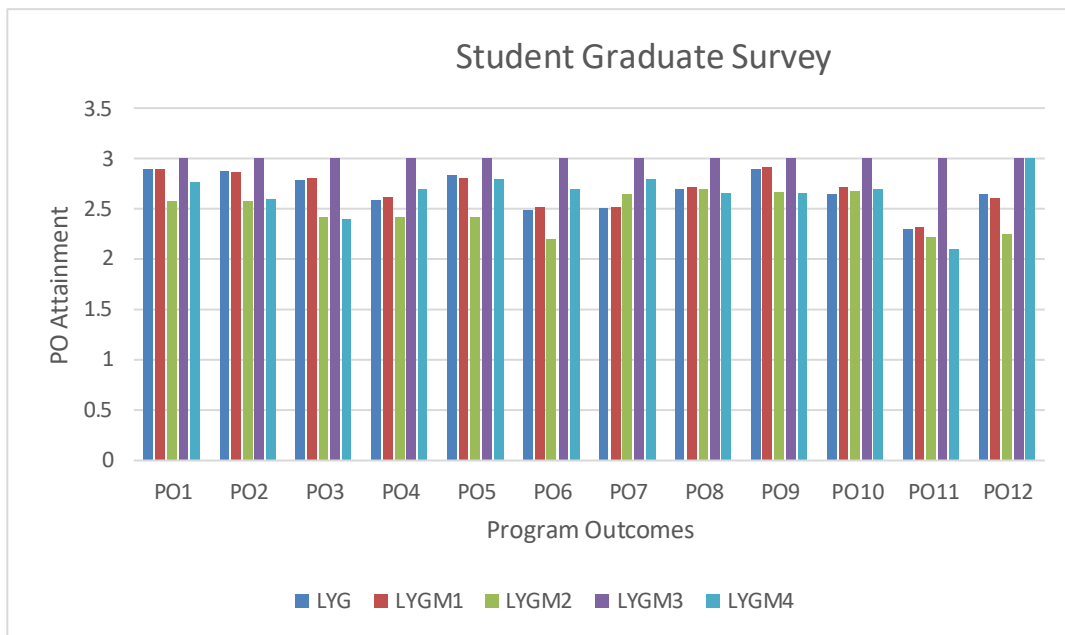
NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE
DEPARTMENT OF MECHANICAL ENGINEERING

Stakeholders Feedback Analysis

Student Graduate Survey

Response of Graduate students in program attainment versus program outcomes:

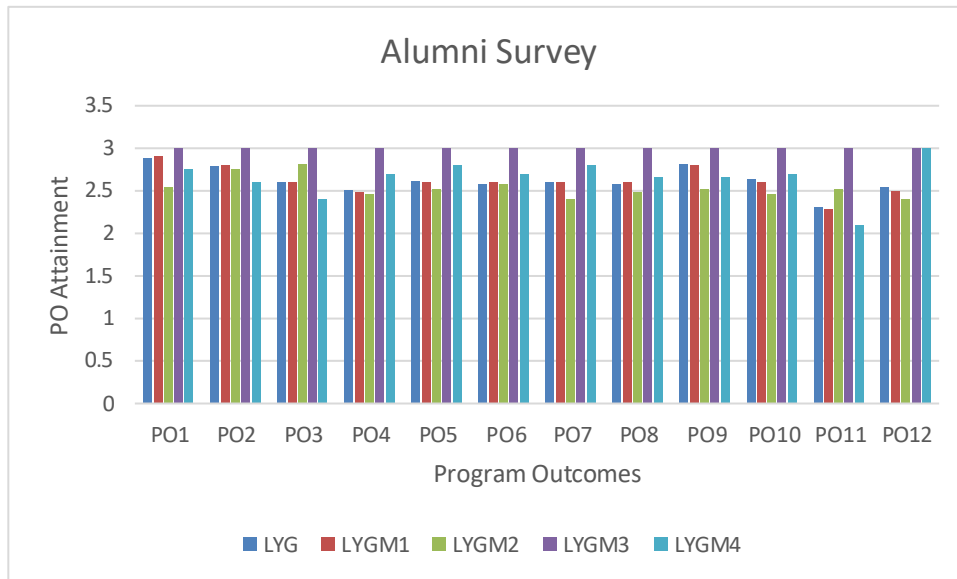
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Student Graduate Survey	LYG	2.89	2.88	2.79	2.59	2.83	2.49	2.51	2.69	2.89	2.65	2.30	2.65
	LYGM1	2.89	2.87	2.81	2.62	2.81	2.52	2.52	2.72	2.91	2.72	2.32	2.61
	LYGM2	2.58	2.58	2.42	2.42	2.42	2.20	2.65	2.69	2.67	2.68	2.22	2.25
	LYGM3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	LYGM4	2.76	2.60	2.40	2.70	2.80	2.70	2.80	2.66	2.66	2.70	2.10	3.00



Alumni Survey

Response of Alumni students in program attainment versus program outcomes:

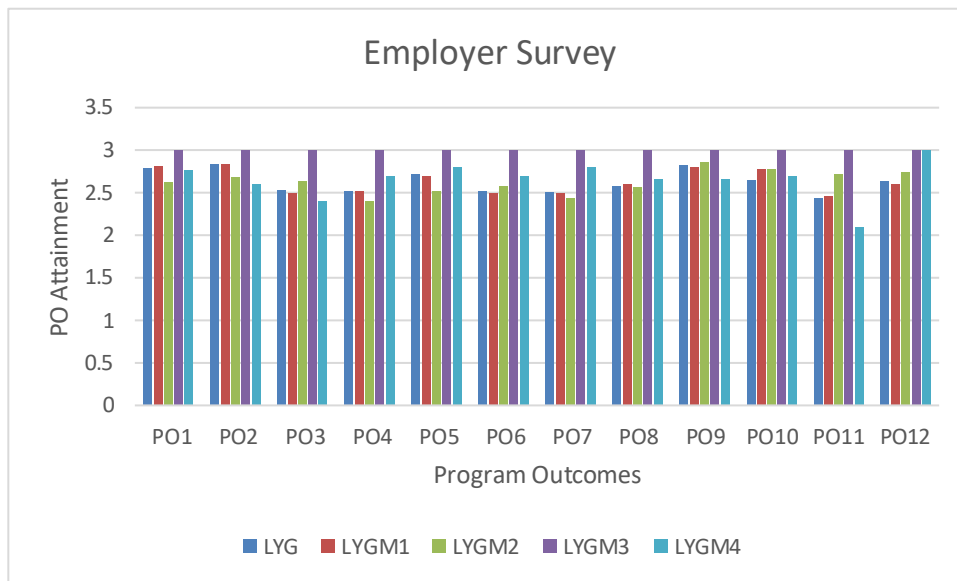
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Alumni Survey	LYG	2.89	2.79	2.61	2.51	2.62	2.58	2.6	2.58	2.82	2.64	2.31	2.55
	LYGM1	2.91	2.8	2.6	2.48	2.6	2.6	2.6	2.6	2.8	2.6	2.28	2.5
	LYGM2	2.54	2.76	2.82	2.46	2.52	2.58	2.4	2.48	2.52	2.46	2.52	2.4
	LYGM3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	LYGM4	2.76	2.60	2.40	2.70	2.80	2.70	2.80	2.80	2.66	2.66	2.70	2.10



Employer Survey

Response of Employer's in program attainment versus program outcomes:

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Employer Survey	LYG	2.79	2.84	2.53	2.52	2.72	2.52	2.51	2.58	2.82	2.65	2.44	2.64
	LYGM1	2.81	2.83	2.5	2.52	2.7	2.5	2.5	2.6	2.8	2.78	2.46	2.6
	LYGM2	2.62	2.68	2.64	2.4	2.52	2.58	2.44	2.56	2.86	2.78	2.72	2.74
	LYGM3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	LYGM4	2.76	2.60	2.40	2.70	2.80	2.70	2.80	2.66	2.66	2.70	2.10	3.00



Action taken Report on Stakeholder's Feedback

Institution collects feedback on curriculum and other academic aspects from different stake holders such as Students, Parents, Alumni and Employers for UG programs. Feedback collected from stakeholders are considered with special care and attention. The decisive goal of stakeholder's feedback is to get useful insights for the purpose of improvement in all aspects of teaching, learning, assessment and infrastructure facilities. The suggestions received through the stakeholder's feedback are put forth in Board of Studies (BoS). In BoS, the suggestions are discussed and few are recommended after feasibility study. The recommended changes are submitted to Academic Council for final endorsement.

The following structure describes the significance of stakeholders for the development.

1. Student Graduate Survey Feedback:

- The inputs from the graduating students on design of curriculum, services extended incorporation 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 and this feedback is collected.

2. Parent's Feedback:

- The expectations of the parents on their wards help towards academic competencies to excel in the chosen field of specialization.

3. Alumni's Feedback:

- Alumni are considered as the ambassadors 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 which makes the students industry ready and well prepared towards competitive examinations.

4. 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.

Feedback on Curriculum:

The Department collects feedback/suggestions on curriculum from various stakeholders to improve the students' learning outcomes. The feedback/suggestions include like experimental learning, new technologies which are predominant in outside world, industry seminars & workshops, approach to competitive exams and all other relevant points are summarized. The consolidated points which attributed in framing of the syllabus of various courses are discussed in BOS meeting. Since few courses are multidisciplinary, faculty members 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 taken:

1. Multidisciplinary courses such as “Programming with data structures”, “Python and R programming”, “Object Oriented Programming using C++” have been introduced.
2. Industry sponsored laboratories are established, and courses like “Industry 4.0”, “Digital Engineering and Manufacturing Services Lab”, and “SAP Lab”, are offered.
3. Syllabus of selected core courses is revised to improve the attainment of POs.
4. More number of Industrial visits, Invited Talks/Guest lectures, Value added courses and Workshops are conducted.
5. Expert guidance lectures and career guidance lectures are conducted on different topics, to inculcate interest in subjects.
6. A vast set of electives are offered to improve the employability skills.
7. Courses on Communication Skills, Professional Ethics, and Environmental Science are included, to improve non-technical POs.
8. Based on the industrial inputs, new courses are added in the curriculum like cyber security, computer vision, and Ability Enhancement courses which provide the platform for skill development.
9. The students and faculty are encouraged to complete the industry ready certification courses.
10. External training programs are conducted to cover some of the practical course topics from industry point of view.