SONA COLLEGE OF TECHNOLOGY, SALEM-5

DEPARTMENT OF BIOMEDICAL ENGINEERING

FEEDBACK ON SYLLABUS (2022-23-ODD SEM)

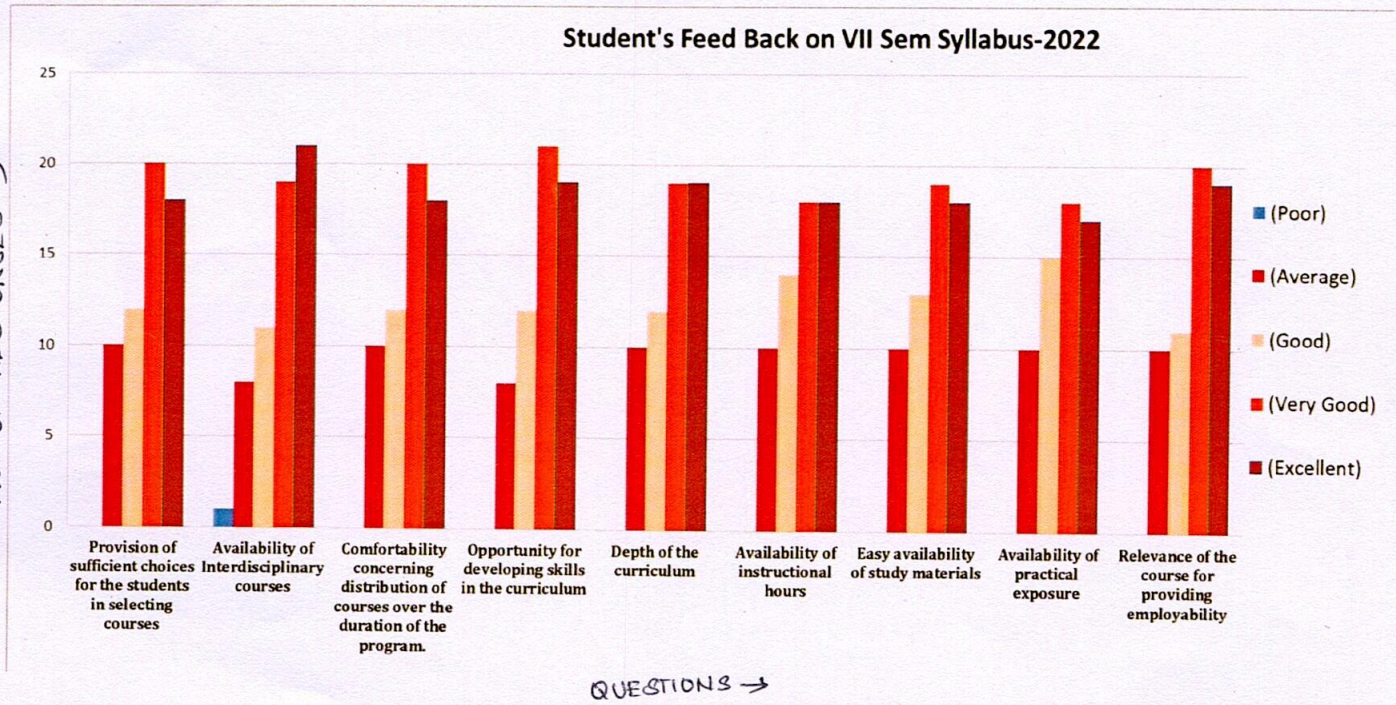
FEEDBACK ANALYSIS REPORT OBTAINED FROM VARIOUS STAKEHOLDERS

Feedback from Stakeholders

The department conducts the activity in obtaining structured feedback on curriculum from internal and external stakeholders. Feedback is collected on various points through feedback form. The collected feedback is then analyzed and the report is submitted to the Academic Council. The syllabus of various courses undergoes timely revision and most of the concerns are addressed in the revised syllabus or in the next regulation. The feedback form consists of items specific to the stakeholders and there are statements which are rated on a 5 point rating scale (0-poor, 1-average, 2-Good, 3-Very Good, 4- Excellent) and one item is qualitative in nature for their open comments. Feedback is taken anonymously from the stakeholders. The stakeholder's feedbacks are taken by holding two yearly meeting where number of stakeholders varies according to their availability. The teachers' feedbacks are collected in random basis and rotation basis where the new and old recruited teachers are selected randomly.

STUDENTS' FEEDBACK ANALYSIS

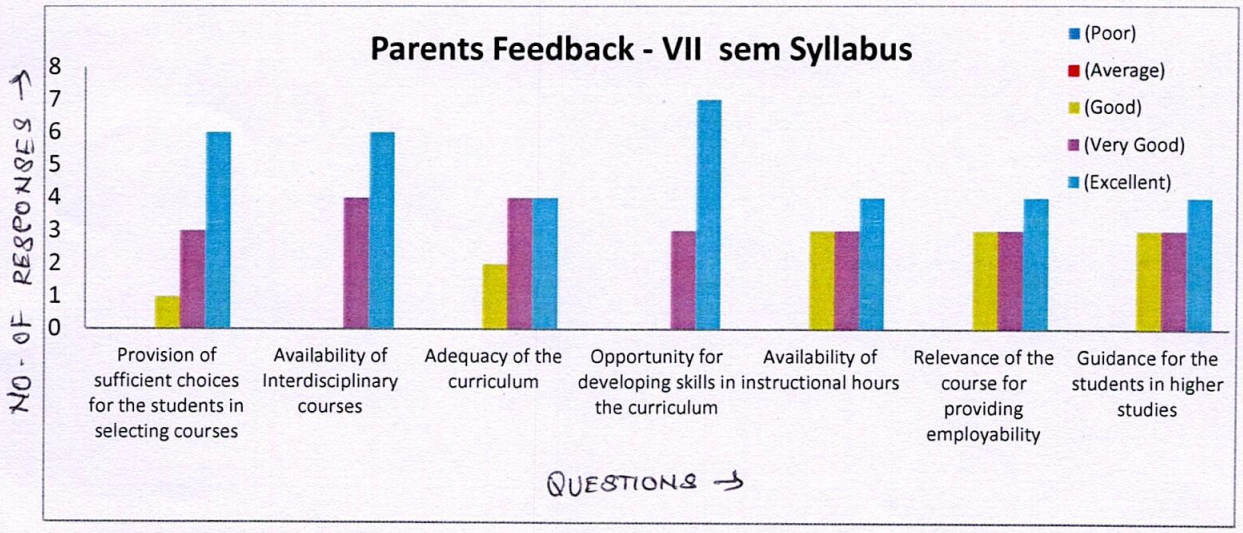
S.No	Particulars	(Poor) 0	(Average) 1	(Good) 2	(Very Good) 3	(Excellent) 4	Total
1	Provision of sufficient choices for the students in selecting courses	0	8	10	27	15	60
2	Availability of Interdisciplinary courses	1	7	10	20	22	60
3	Comfortability concerning distribution of courses over the duration of the program.	0	8	12	24	16	60
4	Opportunity for developing skills in the curriculum	0	8	12	20	20	60
5	Depth of the curriculum	0	8	11	21	20	60
6	Availability of instructional hours	0	8	14	19	19	60
7	Easy availability of study materials	0	8	13	21	18	60
8	Availability of practical exposure	0	9	14	19	18	60
9	Relevance of the course for providing employability	0	7	11	23	19	60



Analysis of the feedback results indicate that all the domains have been rated by the students as very to excellent. Opportunity for developing skills, Easy availability of study materials and Relevance of the course for providing employability in the curriculum as mostly good. Comfortability concerning distribution of courses over the duration of the program, Opportunity for developing skills in the curriculum, Depth of the curriculum and Availability of instructional hours were rated mostly as very good and excellent. The qualitative domain suggested that the students wanted more seminars and workshops to be arranged. They also wanted some industry oriented courses and classes specific for competitive exams. Some students suggested to include software courses and separate training for the coding.

PARENTS' FEEDBACK ANALYSIS

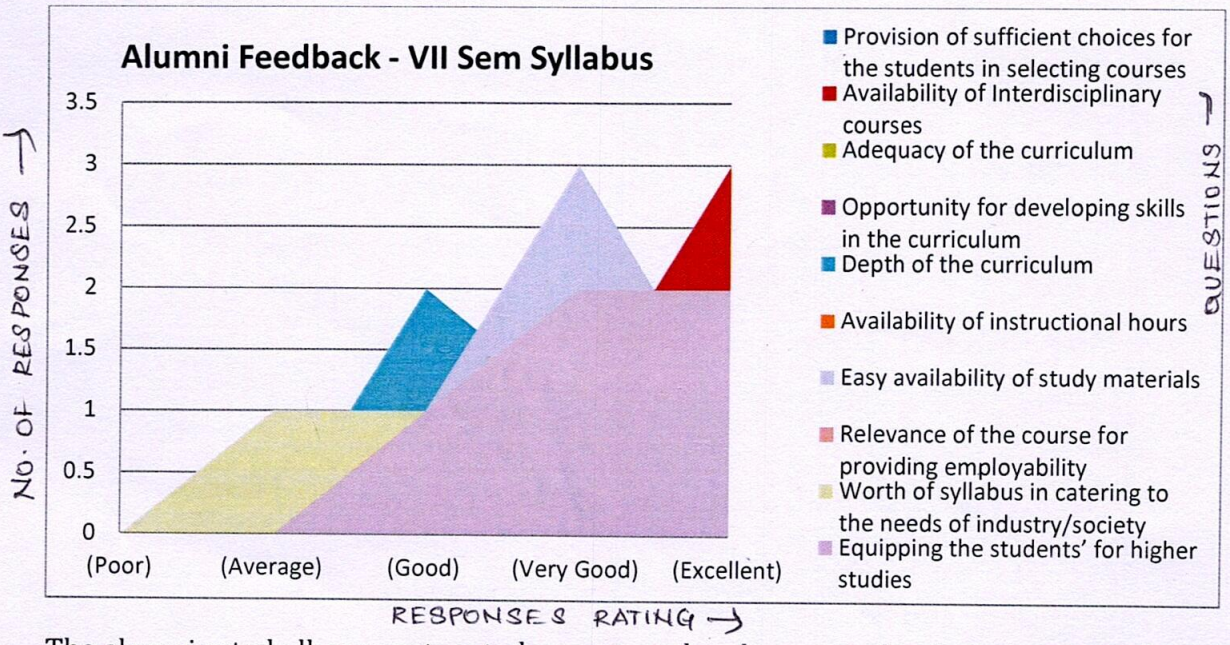
S.No	Particulars	(Poor) 0	(Average) 1	(Good) 2	(Very Good) 3	(Excellent) 4	Total
1	Provision of sufficient choices for the students in selecting courses	0	0	1	3	6	10
2	Availability of Interdisciplinary courses	0	0	0	4	6	10
3	Adequacy of the curriculum	0	0	2	4	4	10
4	Opportunity for developing skills in the curriculum	0	0	0	3	7	10
5	Availability of instructional hours	0	0	3	3	4	10
6	Relevance of the course for providing employability	0	0	3	3	4	10
7	Guidance for the students in higher studies	0	0	3	3	4	10



A graphical representation of feedback collected from parents for the 2022 is given above. Feedback collected from parents was not much different from that of the previous year. The depth and adequacy of the curriculum were rated very well. The parents rated the domains of availability to choices, interdisciplinary approach to the courses to be excellent. Since most of them are from economically backward state, the parents were concerned about the employability of their children. They enquired the possibility of giving additional training which helps the students to get employed immediately after the completion of program. A few parents shared their concern about the possibility of higher studies. The parents reported that the way of teaching and teaching standards of the faculties are excellent.

ALUMNI FEEDBACK ANALYSIS

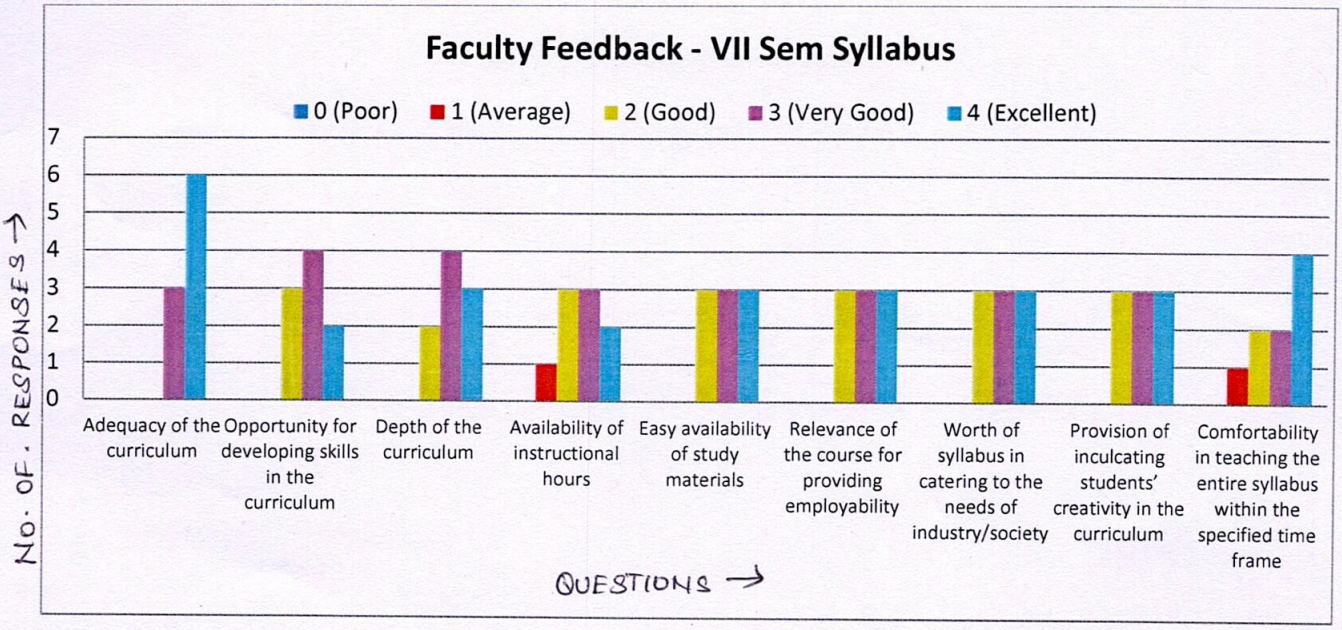
Sl No.	Particulars	(Poor) 0	(Average) 1	(Good) 2	(Very Good) 3	(Excellent) 4	Total
1	Provision of sufficient choices for the students in selecting courses	0	0	1	2	2	5
2	Availability of Interdisciplinary courses	0	0	1	1	3	5
3	Adequacy of the curriculum	0	1	1	1	2	5
4	Opportunity for developing skills in the curriculum	0	0	1	2	2	5
5	Depth of the curriculum	0	0	0	3	2	5
6	Availability of instructional hours	0	1	1	2	1	5
7	Easy availability of study materials	0	0	1	3	1	5
8	Relevance of the course for providing employability	0	0	1	1	3	5
9	Worth of syllabus in catering to the needs of industry/society	0	1	1	1	2	5
10	Equipping the students' for higher studies	0	0	1	3	1	5



The alumni rated all parameters to be very good and suggested to include practical experiments / hands on training and to train students in terms of handling and operations of medical devices with hospital support. The alumni members also requested if some short term certificate or skill development courses may be started out of the working hours so that they can also get benefitted from the course.

FACULTY FEEDBACK ANALYSIS

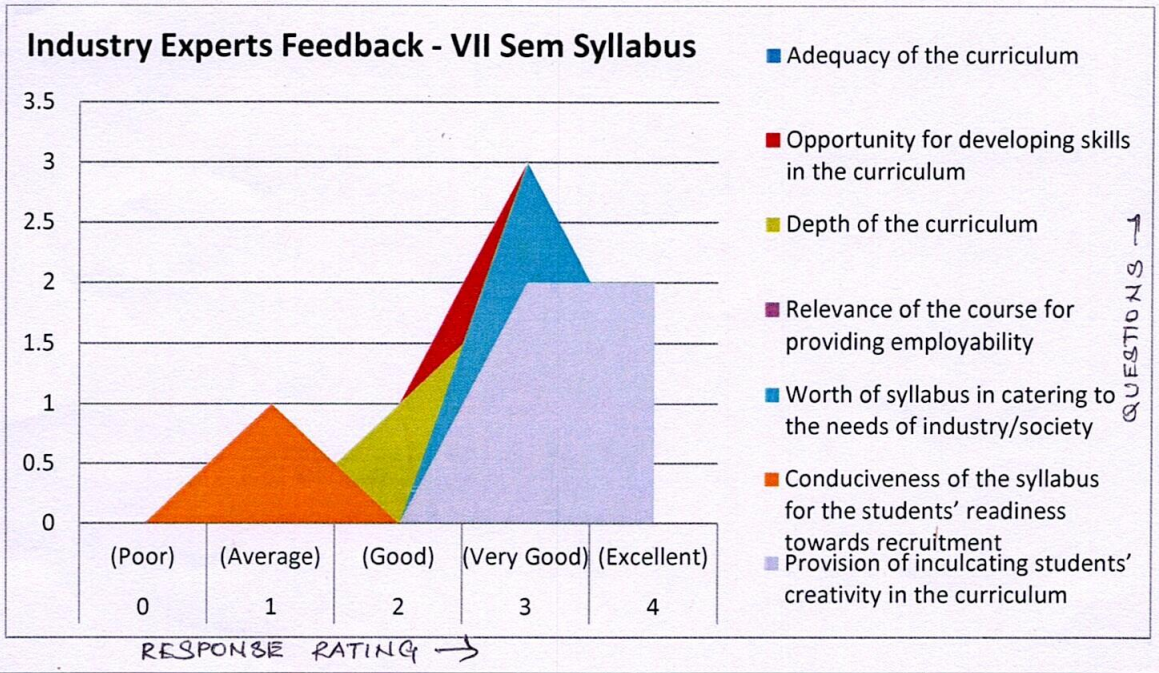
Sl No.	Particulars	(Poor) 0	(Average) 1	(Good) 2	(Very Good) 3	(Excellent) 4	Tota
1	Adequacy of the curriculum	0	0	0	4	4	9
2	Opportunity for developing skills in the curriculum	0	0	3	4	4	9
3	Depth of the curriculum	0	0	2	4	4	9
4	Availability of instructional hours	0	1	3	4	4	9
5	Easy availability of study materials	0	0	3	4	4	9
6	Relevance of the course for providing employability	0	0	3	4	4	9
7	Worth of syllabus in catering to the needs of industry/society	0	0	3	4	4	9
8	Provision of inculcating students' creativity in the curriculum	0	0	3	4	4	9
9	Comfortability in teaching the entire syllabus within the specified time frame	0	1	2	4	4	9



Feedback from the faculties was collected and analyzed and has been represented graphically. The teachers' opinions on curriculum were expressed in the feedback and that has been found to be excellent in every domain. The faculties of the department conducted workshops and had discussions with experts of their own discipline for improvement of the curriculum on a regular basis. The faculty members proposed to include some mini-projects and real-time laboratory experiments. They suggested to include industry and hospital training in the curriculum wherever it's needed and also to modify the syllabus according to the GATE exam. Faculty feedback serves as a cornerstone in refining and enhancing the curriculum. Acknowledging both the commendable aspects and areas needing improvement, we aim to collaboratively work towards a curriculum that meets the evolving needs of our students. Through ongoing discussions and action plans, we are committed to fostering an enriching learning experience for all.

INDUSTRY EXPERT FEEDBACK ANALYSIS

The Industry Experts Feedback Report aims to consolidate valuable insights and recommendations provided by professionals from various sectors regarding the curriculum. The industry experts rated all parameters to be very good. Industrial experts suggested to include real-time experiments and hands on training to train students in terms of handling and operations of medical devices with hospital support. The experts also suggested to include simulation tools in the necessary courses and also to include mini-projects. The insights provided by industry experts are crucial in shaping a curriculum that meets industry demands and prepares students effectively. By bridging the gap between academia and the professional world, we aim to continually evolve our curriculum to equip students with the skills and knowledge needed for success in their chosen careers.



Sl No.	Particulars	(Poor) 0	(Average) 1	(Good) 2	(Very Good) 3	(Excellent) 4	Tota
1	Adequacy of the curriculum	0	0	0	3	1	4
2	Opportunity for developing skills in the curriculum	0	0	1	3	0	4
3	Depth of the curriculum	0	0	0	3	1	4
4	Relevance of the course for providing employability	0	0	1	1	2	4
5	Worth of syllabus in catering to the needs of industry/society	0	0	0	3	1	4
6	Conduciveness of the syllabus for the students' readiness towards recruitment	0	0	1	2	1	4
7	Provision of inculcating students' creativity in the curriculum	0	0	0	2	2	4

Academic Coordinator

BOS Chairman

Dr. S. PRABAKAR, M.E., Ph.D.,
Professor and Head
Department of Biomedical Engineering
Sona College of Technology, Salem-5

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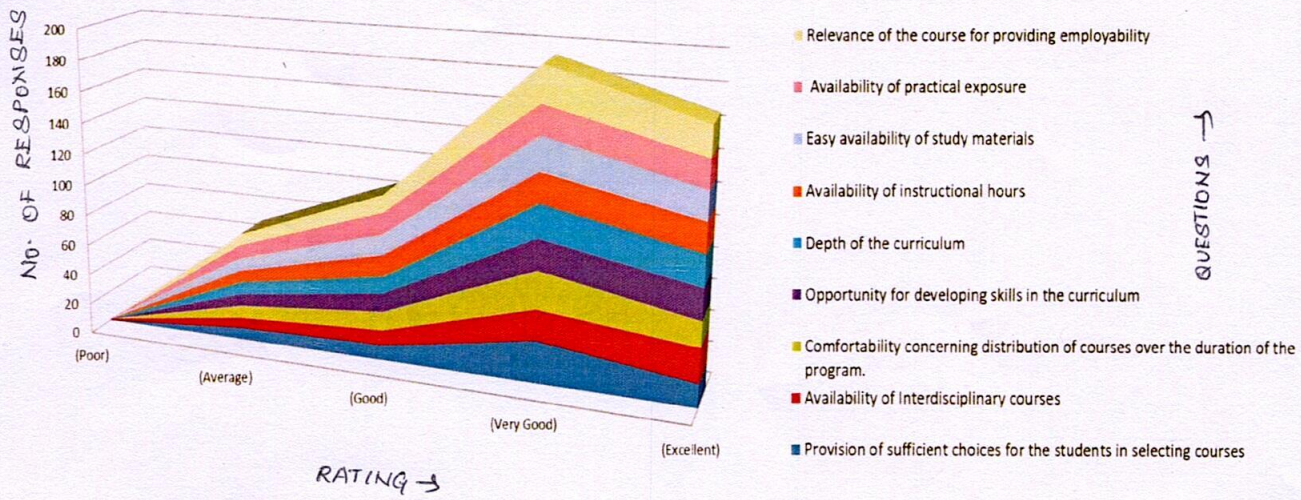
Student's Feed Back on VIII Sem Syllabus-2022



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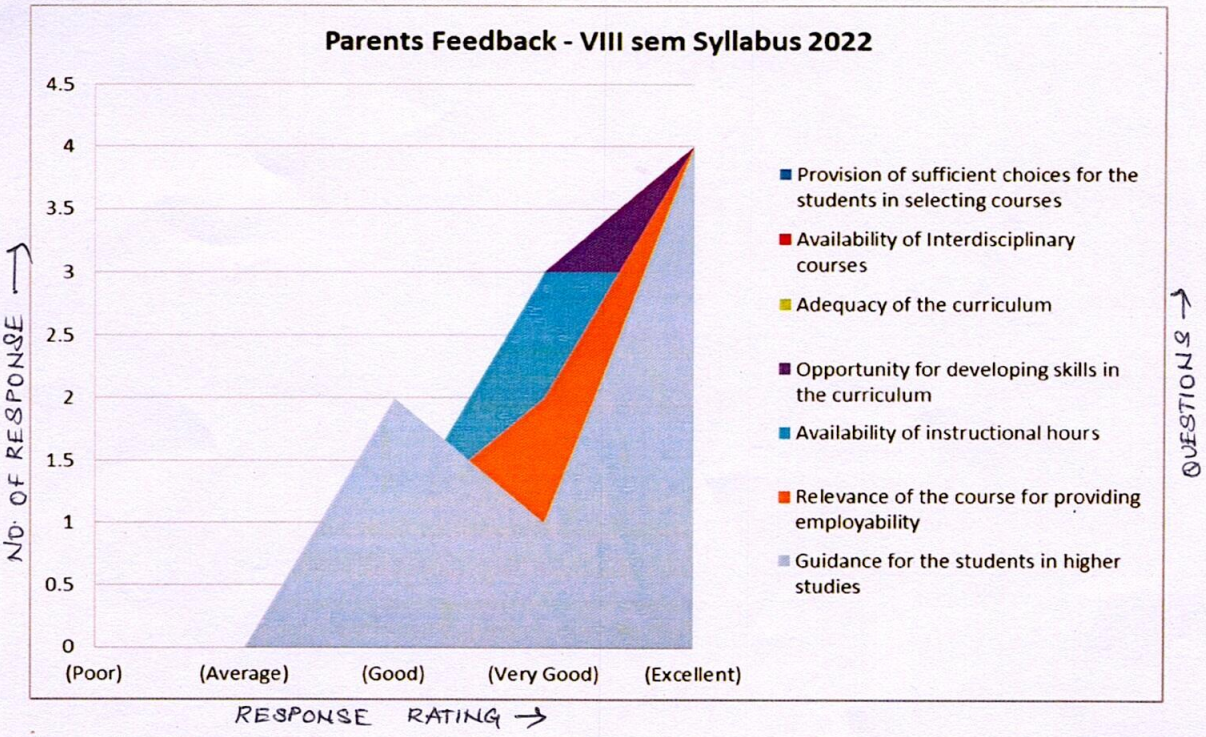
1	Provision of sufficient choices for the students in selecting courses	0	0	1	2	4	7
2	Availability of Interdisciplinary courses	0	0	0	3	4	7
3	Adequacy of the curriculum	0	0	1	2	4	7
4	Opportunity for developing skills in the curriculum	0	0	0	3	4	7
5	Availability of instructional hours	0	0	1	3	3	7
6	Relevance of the course for providing employability	0	0	1	2	4	7
7	Guidance for the students in higher studies	0	0	2	1	4	7



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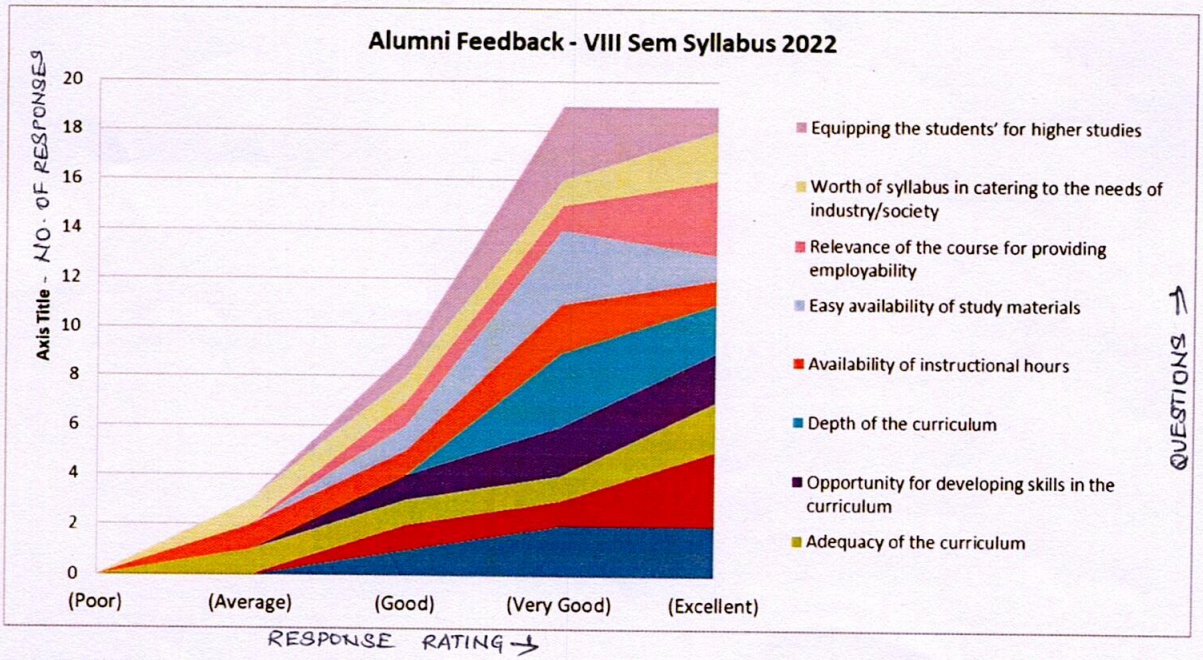

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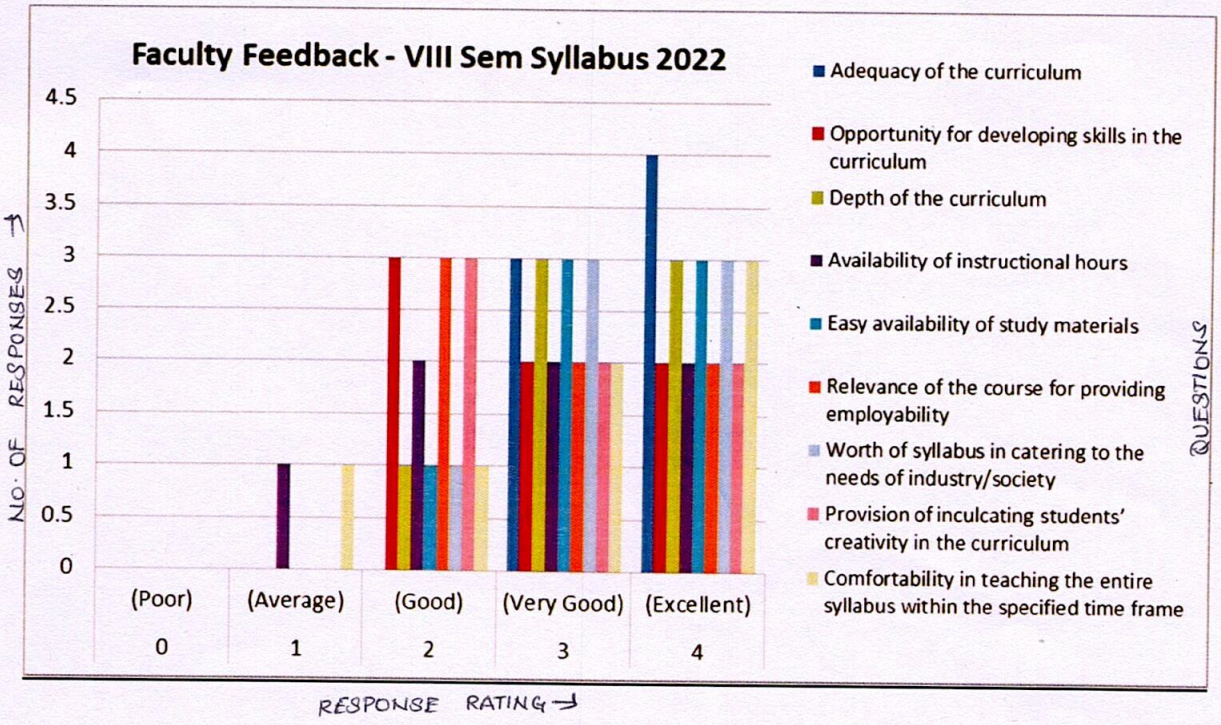
8	Provision of inculcating students' creativity in the curriculum	0	0	3	2	2	7
9	Comfortability in teaching the entire syllabus within the specified time frame	0	1	1	2	3	7



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3	Depth of the curriculum	0	0	0	3	1	4
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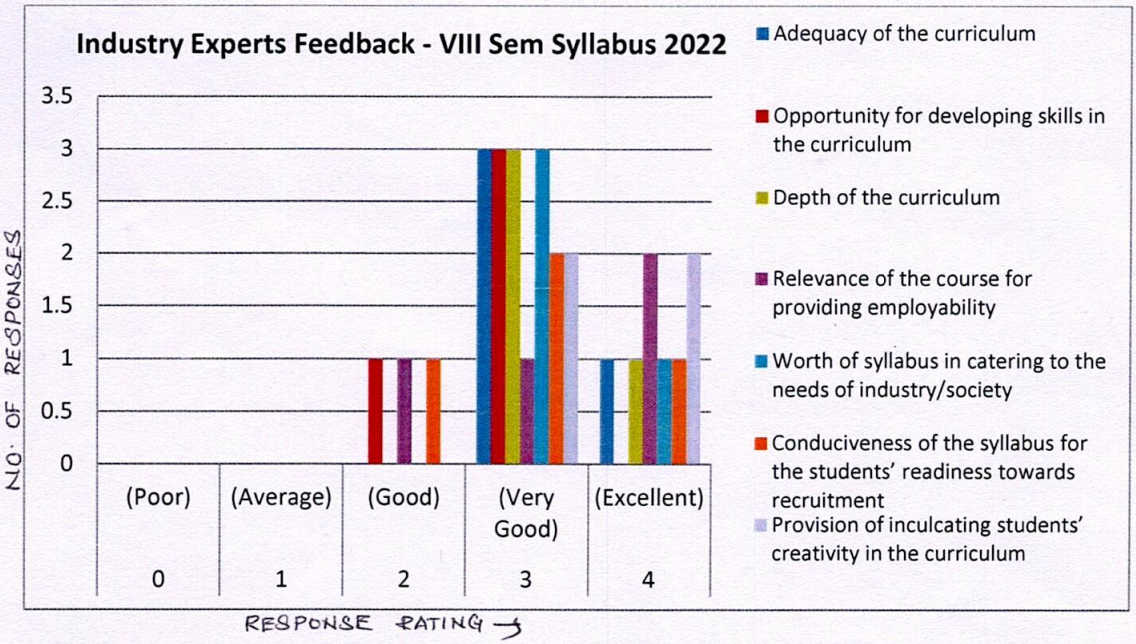

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