



HKBK COLLEGE OF ENGINEERING

Internal Quality Assurance Cell

Action Taken Report 2023-24

This report outlines the actions taken by the institution in response to feedback received from students, faculty, alumni, and employers. These measures aim to improve academic and administrative processes in alignment with quality parameters.

The suggestions received through the feedback were promptly discussed by the IQAC members.

Since the institution is an affiliated college, it is bound to abide by the curriculum formulated by the university. Many effective suggestions have been put forward to improve the curriculum delivery at the institution.

Sl. No.	Particular	Action taken
1	Students provided feedback on various issues like concerns regarding Magnitude of the Syllabus, Lack of Opportunities for Internships, Student Exchange, and Field Visits, Low Satisfaction with Classrooms and Labs, Low Satisfaction with Common Facilities (Washrooms/Food Court)	<ul style="list-style-type: none"> • Concerns Regarding Magnitude of the Syllabus <ul style="list-style-type: none"> ➤ Organized additional remedial and support classes for students struggling with the syllabus. ➤ Introduced online resources and recorded lectures to help students better manage their study schedules. • Lack of Opportunities for Internships, Student Exchange, and Field Visits <ul style="list-style-type: none"> ➤ Expanded collaborations with industries and academic institutions to provide more internship and student exchange opportunities. ➤ Departments organized regular industrial visits and practical exposure sessions. ➤ Increased awareness of available opportunities through webinars, counseling, and student orientation programs. • Low Satisfaction with Classrooms and Labs <ul style="list-style-type: none"> ➤ Renovated classrooms and labs to enhance the learning environment, including improved seating arrangements, lighting, and ventilation. ➤ Upgraded lab equipment and provided additional resources to support hands-on learning. ➤ Increased the frequency of lab maintenance checks to ensure functionality and cleanliness. • Low Satisfaction with Common Facilities (Washrooms/Food Court) <ul style="list-style-type: none"> ➤ Renovated washrooms to improve cleanliness and hygiene by introducing dedicated housekeeping staff. ➤ Enhanced the food court facilities and expanded menu to cater to diverse tastes. A canteen committee was set up for quality assurance



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		<p>checks.</p> <ul style="list-style-type: none"> ➤ Feedback kiosks in common areas to receive real-time feedback for continuous improvement.
2	Teachers suggested on the design of curriculum for student employability and the future socio-economic needs.	<ul style="list-style-type: none"> ➤ To increase the value-added courses, guest lectures, SDPs and FDPs by all the respective departments. ➤ To conduct programs in collaboration with the students to work on socio-economic needs.
3	Alumni suggested on value-based learning and professional skills.	<ul style="list-style-type: none"> ➤ Introduced new electives focusing on professional skill development. ➤ Organized skill development programs, such as coding boot camps, technical writing workshops, and mock interviews, to prepare students for the professional world. ➤ Enhanced the practical components of courses through internships, live projects, and industry-driven value added courses in all the departments. ➤ Talks and interactive sessions by industry experts and placement department.
4	Employers suggested on the relevance of the courses with respect to the industry demands/standards and self-learning, improvement in the curriculum to enhance employability.	<ul style="list-style-type: none"> ➤ Based on the feedback given by the employers, IQAC has advised to urge the students to register for the NPTEL and MOOC courses, so as to acquire credits to aim for Bachelor Honors degree in engineering.



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Student Feedback Analysis

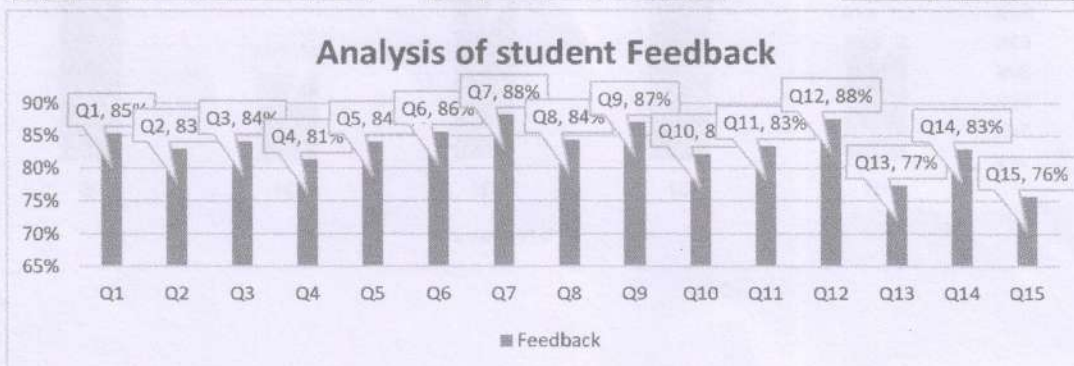
Q1	How do you rate the content of course in relevance with the modules?
Q2	How do you rate your courses studied till now have prepared you to face the professional challenges?
Q3	How do you rate the relevance of the Text books and reference books with respect to the courses?
Q4	How do you rate the magnitude of the syllabus in terms of load on the student?
Q5	How do you rate the usefulness of the course in terms of knowledge, concepts, vocational skills, analytical abilities and broadening perspectives
Q6	How much of the syllabus was covered in the class?
Q7	How well were the teachers able to communicate?
Q8	The teachers approach to teaching can best be described.
Q9	Fairness of the internal evaluation process by the teachers
Q10	The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.
Q11	The teaching mentoring process in your institution facilitates you in cognitive, social and emotional growth.
Q12	Teachers inform you about your expected competencies, course outcomes and program outcomes.
Q13	How satisfied are you with the classrooms/labs?
Q14	Teachers are able to identify your weaknesses and help you to overcome them.
Q15	Rate the common facilities (Wash rooms / Food court)?

Rubrics	Excellent: 4	Good:3	Average: 2	Poor: 1
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	Excellent	Good	Average	Poor	Total
Q1	210	158	29	7	404
Q2	188	165	42	9	404
Q3	210	140	46	8	404
Q4	188	157	42	7	404
Q5	206	155	29	12	404
Q6	232	136	21	6	404
Q7	232	146	27	6	404
Q8	176	146	24	8	355
Q9	233	134	32	10	404
Q10	203	135	46	19	404
Q11	209	146	30	15	404
Q12	224	139	44	16	404
Q13	176	142	47	27	404
Q14	200	135	54	28	404
Q15	172	123	57	52	404

	Excellent	Good	Average	Poor
Q1	52%	39%	7%	2%
Q2	47%	41%	10%	2%
Q3	52%	35%	11%	2%
Q4	47%	39%	10%	2%
Q5	51%	38%	7%	3%
Q6	57%	34%	5%	1%
Q7	57%	36%	7%	1%
Q8	50%	41%	7%	2%
Q9	58%	33%	8%	2%
Q10	50%	33%	11%	5%
Q11	52%	36%	7%	4%
Q12	55%	34%	11%	4%
Q13	44%	35%	12%	7%
Q14	50%	33%	13%	7%
Q15	43%	30%	14%	13%

Question	Total	Value	Feedback
Q1	404	1379	85%
Q2	404	1340	83%
Q3	404	1360	84%
Q4	404	1314	81%
Q5	404	1359	84%
Q6	404	1384	86%
Q7	404	1426	88%
Q8	355	1198	84%
Q9	404	1408	87%
Q10	404	1328	82%
Q11	404	1349	83%
Q12	404	1417	88%
Q13	404	1251	77%
Q14	404	1341	83%
Q15	404	1223	76%





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Alumni Feedback Analysis

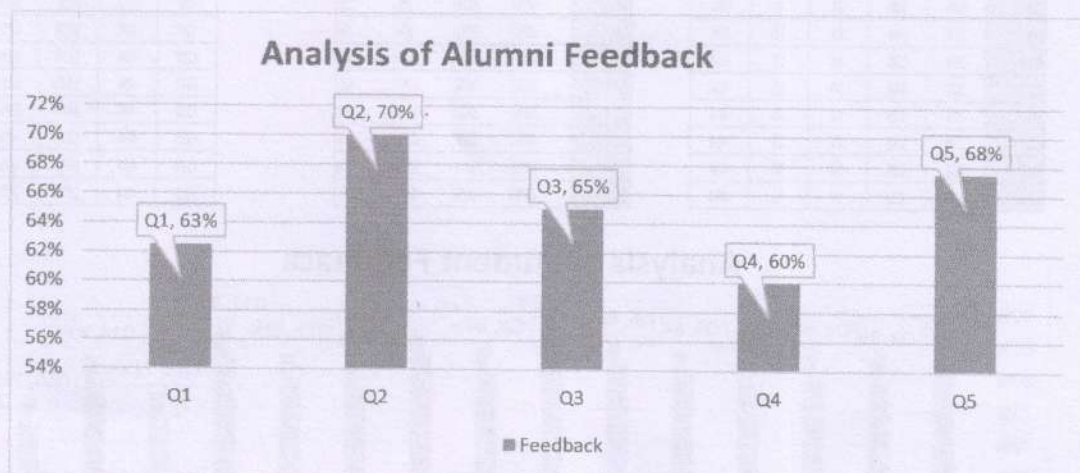
Q1	How do you rate the syllabus to impart value-based learning in terms of skills, concepts, knowledge and critical thinking in students?
Q2	How do you rate the clarity of Learning objectives/outcome and to attain?
Q3	How do you rate the design of the courses to encourage/motivate self-learning?
Q4	How do you rate the competency of the syllabus to enhance professional skills?
Q5	How do you rate the Effectiveness of curriculum in attaining communication skills and social responsibility?

Rubrics	Excellent: 4	Good:3	Average: 2	Poor: 1
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	Excellent	Good	Average	Poor	Total
Q1	3	2	2	3	10
Q2	3	4	1	2	10
Q3	3	3	1	3	10
Q4	3	2	1	4	10
Q5	3	4		3	10

	Excellent	Good	Average	Poor
Q1	30%	20%	20%	30%
Q2	30%	40%	10%	20%
Q3	30%	30%	10%	30%
Q4	30%	20%	10%	40%
Q5	30%	40%	0%	30%

Question	Total	Value	Feedback
Q1	10	25	63%
Q2	10	28	70%
Q3	10	26	65%
Q4	10	24	60%
Q5	10	27	68%





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Teacher's Feedback Analysis

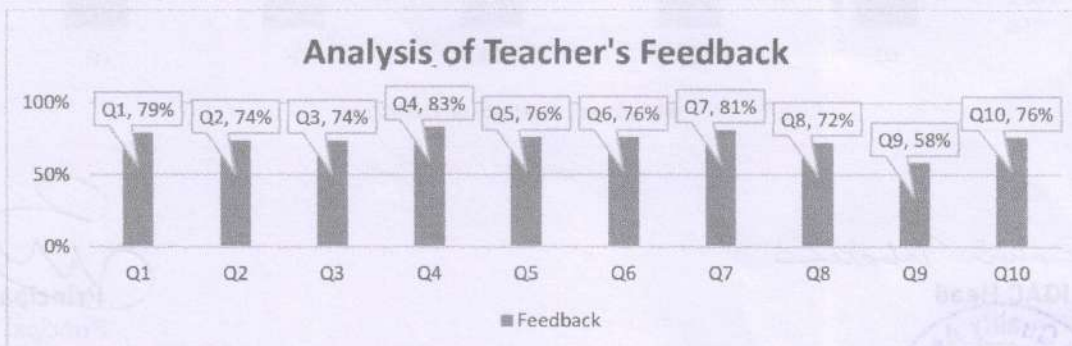
Q1	How do you rate the syllabus to bridge the gap between Theory and Practical?
Q2	How do you rate the sufficiency of time for completion of syllabus?
Q3	How do you rate the design of the curriculum in support for achieving employability?
Q4	How do you rate the clarity of Learning objectives/outcome and to attain?
Q5	How do you rate the curriculum to address and includes the current and the future socio-economic needs?
Q6	Are you satisfied are you with the performance of the students the courses which was thought?
Q7	To what extent the mentoring has been effective to help the students performance?
Q8	How satisfied are you with the classrooms/labs?
Q9	Rate the common facilities (staff room/ wash rooms /food court)?
Q10	Rate the experience of internet facility and the e-resources (Journals, books, and etc.)?

Rubrics	Excellent: 4	Good:3	Average: 2	Poor: 1
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	Excellent	Good	Average	Poor	Total
Q1	20	31	10	0	61
Q2	12	36	11	2	61
Q3	11	36	14	0	61
Q4	25	31	5	0	61
Q5	14	36	11	0	61
Q6	15	36	8	2	61
Q7	23	30	8	0	61
Q8	13	31	14	3	61
Q9	5	21	24	11	61
Q10	18	29	13	1	61

	Excellent	Good	Average	Poor
Q1	33%	51%	16%	0%
Q2	20%	59%	18%	3%
Q3	18%	59%	23%	0%
Q4	41%	51%	8%	0%
Q5	23%	59%	18%	0%
Q6	25%	59%	13%	3%
Q7	38%	49%	13%	0%
Q8	21%	51%	23%	5%
Q9	8%	34%	39%	18%
Q10	30%	48%	21%	2%

Question	Total	Value	Feedback
Q1	61	193	79%
Q2	61	180	74%
Q3	61	180	74%
Q4	61	203	83%
Q5	61	186	76%
Q6	61	186	76%
Q7	61	198	81%
Q8	61	176	72%
Q9	61	142	58%
Q10	61	186	76%





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Employer Feedback Analysis

Q1	How do you rate relevance of the courses in relation to the program?
Q2	How do you rate the adequacy of the courses related to industry that are included in the program?
Q3	How do you rate the design of the courses to encourage/motivate self-learning?
Q4	How do you rate the relevance of current curriculum for employability?
Q5	How do you rate the curriculum to promote leadership qualities, team work, ethics, and innovation?

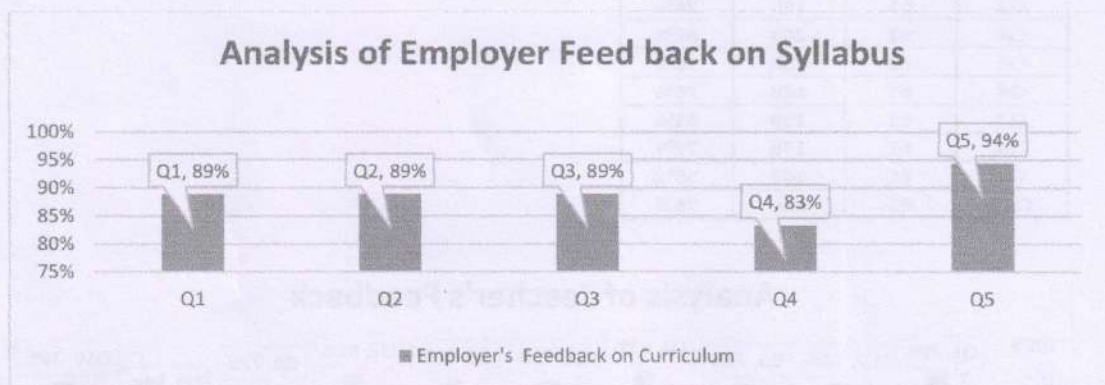
Rubrics	Excellent: 4	Good:3	Average: 2	Poor: 1
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	Excellent	Good	Average	Poor	Total
Q1	7	6	1	0	14
Q2	8	4	2	0	14
Q3	7	4	2	0	13
Q4	6	5	3	0	14
Q5	10	2	2	0	14

	Excellent	Good	Average	Poor
Q1	50%	43%	7%	0%
Q2	57%	29%	14%	0%
Q3	54%	31%	15%	0%
Q4	43%	36%	21%	0%
Q5	71%	14%	14%	0%

Question	Total	Value	Feedback
Q1	9	32	89%
Q2	9	32	89%
Q3	9	32	89%
Q4	9	30	83%
Q5	9	34	94%

Analysis of Employer Feed back on Syllabus



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 IQAC Head



(Signature)
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