

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Students	Yes No
Teachers	Yes No
Employers	Yes No
Alumni	Yes No
Parents	Yes No

Students' Feedback Analysis Process:

Sr No	Parameter	Grade obtained	Remedial Policy Suggested by IQAC
1	Teacher's preparedness in class	Good	More efforts be taken by faculty
2	Effective teaching presentation	Good	Introduce ICT tools in teaching
3	Concepts & principals understandable	Very good	Introduce case studies
4	Course coverage satisfaction	Excellent	---
5	Assignments relevance	Excellent	---
6	Teacher's punctuality	Excellent	---
7	Learning environment in class	Very good	---
8	Helpful & guidance	Excellent	---
9	Exam point preparation while teaching	Very Good	Frequent Practice sessions
10	Supportive for inquisitiveness	Very Good	---

Teachers' Feedback on Curriculum Analysis Process:

Sr No	Parameter	Grade obtained	Remedial Policy Suggested by IQAC
1	Utility in increasing competencies	Good	More focus on practicals
2	Learner-centric approach in design	Very good	---
3	Updation of domain knowledge	Good	Industrial training for faculty
4	Logical sequence of units	Excellent	---
5	Elements of interest in contents	Good	Technological extension activities
6	Application in real life situations	Good	Introduce mini-projects
7	Appropriate assessment strategies	Very good	Continuous assessment
8	Coherence between course objective & curriculum	Very good	
9	Coordination of syllabus & allotted lectures	Excellent	---
10	Availability of Text & reference books	Excellent	---

Employers' Feedback Analysis Process:

Sr No	Parameter	Grade obtained	Remedial Policy Suggested by IQAC
1	Technical Knowledge	Good	Internship to be introduced
2	Knowledge of Modern engineering tools	Good	Procurement of latest tools
3	Communication skill	Satisfactory	Soft skill development activities
4	Professional ethics & responsibility	Good	Seminars from Industry experts
5	Ability to work in team	Very good	
6	Leadership quality	Satisfactory	Active participation in different events
7	Independent & life-long learning ability	Good	Refresher courses
8	Work sincerity	Good	Self discipline

Alumni Feedback Analysis Process:

Sr No	Parameter	Grade obtained	Remedial Policy Suggested by IQAC
1	Did you undertake any additional/supplementary training after joining the organization?	Yes	Add on courses to be introduced in department
2	Have you pursued higher education after graduation?	Few	Higher education guidance
3	To meet present job requirement please specify tools/technologies used, different than you have learn during your engineering program.	Yes	Introduce new technology courses
4	To what extent the curriculum of Pune University meets requirement of industry and higher studies.	Very good	---
5	To what extent the hardware, software skills developed during the course	Very good	---
6	To what extent your analytical and logical skills are developed during projects	Very good	
7	Whether efforts are taken to improve soft skills during the course?	Satisfactory	Sessions on soft skill development
8	Do you think the knowledge obtained from the engineering program is helpful in succeeding relevant competitive	Yes	---

	examinations		
9	For betterment of department can you help us ? please specify how.	Yes	Alumni interaction leading to institute betterment
10	Did you handle a project(s) which has/have social and environmental impacts?	Yes	Use of technology in Social awareness programs
11	What is the level of design and documentation usually carried out in your company?	ISO	Introduce to ISO standards
12	According to you which are the most desirable attribute that a graduate engineer should have?	Strong Technical knowledge	Industry internship opportunities
13	What bridging courses/modules/certifications you would like to suggest that will meet needs of Industry in general?	Latest tools	Certification programs to be introduced
14	Which Courses (Subjects) in the present curriculum have become redundant or obsolete according to you?	None	---
15	What needs to be done for overall development of personality of engineering graduates?	Soft skill training	Sessions by industry expert
16	For betterment of department can you help us ? please specify how.	Yes	---

To obtain the Alumni feedback, a questionnaire is floated among the alumni. The responses are analysed on the basis of different parameters which helps to implement quality policy at institute level.

It's observed from the earlier feedbacks received that, alumni are quite satisfied with the infrastructure facilities.

The suggestions from alumni mainly focuses on to keep pace with the everchanging technology. IQAC planned an initiative for add-on/bridge courses. Alumni interaction at department level across different events such as expert lectures, discussing industry job scenario with current batches, organizing mock interview etc are the benefits.

Parents' Feedback Analysis Process:

Sr No	Parameter	Grade obtained	Remedial Policy Suggested by IQAC
1	Infrastructure available	Excellent	Regular maintenamce of infrastructure
2	Teaching-Learning process	Good	Improvement in Teaching-Learning process by implementing new paedagogy for teaching (use of ICT)
3	Education quality	Good	Improving the results

4	Professional & technical skills	Good	Add-on / Bridge courses to be introduced
5	Co-curricular & Extra Curricular activities participation & encouragement	Very good	Formation of students interest clubs
6	Industry exposure	Satisfactory	More MoUs to be signed with industry
7	Security policy	Good	Improving onto CCTV infrastructure
8	Institute's contribution in Students' performance	Good	More emphasis to be given on student centric activities
9	Vision/Mission & PEO attainment	Good	Departmentlevel targets to be revised in regards PEO attainment
10	Audit courses	Very good	Introducing online audit transferable courses

Parents' feedback analysis suggests to improve onto Industry exposure aspect. IQAC decided to address the issue by signing more MoUs with the adjoining industries and cater to the need of students. Parents' also suggested to include some programs about Universal human values to be imbibed in the students. Such programs are initiated under student development cell.

During the semester, the students are encouraged to ask in case of difficulty in subjects so that it can be rectify and improve the delivery of the subject's teacher. During the semester feedback of the subject as well as subject teacher is taken through a structured questionnaire designed with focus on every aspect of Teaching Learning Process and other administrative process. This feedback is used for overall improvement in all areas.

In case of Teacher with lower feedback scores, he / she is being called by the Principal instructed to improve their performance and teaching parameters.

If teacher is in need of any shortcoming of teaching aids (like instrument, elibrary etc.) it is provided immediately so that knowledge transfer process should not get hampered.

Parents meet is organized every semester and College works on their suggestion for overall development of dept or institute. The attendance, result and other related information of each student is shared with the parents each semester so that they should know the academic progress of their ward.

Institute always remains in touch with the alumni so that suggestions can be gathered from them after completion of their course. These suggestions are analysed shared with all the stake holders. Industry Institute interaction Cell has been established to make the students aware of the technological advances in industry so that the current Industrial trends can be brought into the knowledge of faculties students.

The institute have designed structured feedback questionnaire for all the stake holders obtains the feedback on regular interval. IQAC analyses the feedback on the parameters enlisted below for each stakeholder. Students Feedback: 1) Teachers preparedness in class 2) Effective teaching presentation 3) Concepts principals understandable 4) Course coverage satisfaction 5) Assignments relevance 6) Teachers punctuality 7) Learning environment in class 8) Helpful guidance 9) Exam point preparation while teaching 10) Supportive for inquisitiveness Teachers Feedback: 1) Utility in increasing competencies 2) Learnercentric approach in design 3) Updation of domain knowledge 4) Logical sequence of units 5) Elements of interest in contents 6) Application in real life situations 7) Appropriate assessment strategies 8) Coherence between course objective curriculum 9) Coordination of syllabus allotted lectures 10) Availability of Text reference books Employers Feedback : 1) Technical Knowledge 2) Knowledge of Modern engineering tools 3) Communication skill 4) Professional ethics responsibility 5) Ability to work in team 6) Leadership quality 7) Independent lifelong learning ability 8) Work sincerity. Alumni Feedback: 1) Additional/supplementary training after joining the organization? 2) Higher education after graduation? 3) To meet present job requirement please specify tools/technologies used, different than you have learn during your engineering program. 4) To what extent the curriculum of Pune University meets requirement of industry and higher studies. 5) To what extent the hardware, software skills developed during the course 6) To what extent your analytical and logical skills are developed during projects 7) Whether efforts are taken to improve soft skills during the course? 8) The knowledge obtained from the engineering program is helpful in succeeding relevant competitive examinations 9) For betterment of department can you help us ? 10) Which are the most desirable attribute that a graduate engineer should have? 11) What bridging courses/modules/certifications you would like to suggest that will meet needs of Industry in general? 12) Which Courses (Subjects) in the present curriculum have become redundant or obsolete according to you? 13) What needs to be done for overall development of personality of engineering graduates? Parents Feedback: 1) Infrastructure available 2) Teaching Learning process 3) Education quality 4) Professional technical skills 5) Cocurricular/ Extra Curricular activities participation encouragement 6) Industry exposure 7) Security policy 8) Institutes contribution in Students performance 9) Vision/Mission Program Educational Objectives attainment 10) Audit courses Its observed from the earlier feedbacks received that, alumni are quite satisfied with the infrastructure facilities. The suggestions from stakeholders mainly focuses on to keep pace with the everchanging technology. IQAC planned an initiative for add-on/bridge courses. Alumni interaction at department level across different events such as expert lectures, discussing industry job scenario with current batches, organizing mock interview etc are the benefits. Parents feedback analysis suggests to improve onto Industry exposure aspect. IQAC decided to address the issue by signing more MoUs with the adjoining industries and cater to the need of students. Some programs about Universal human values to be imbibed in the students are initiated under student development cell. Students are encouraged to ask in case of difficulty in subjects so that it can be rectified.

IQAC has gathered the feedback from all the stake holders frequently and have analysed it. The analysis was presented among the meetings, and suggestions were sought from all parties involved to improvise the existing system. The quality initiatives proposed by IQAC for academic year 2018:2019 are enlisted as follows: 1 To enrich UG other educational Programmes 2 To promote advancement of knowledge technology 3 To provide testing consultancy 4 To evolve sustainable partnership with industry and profession 5 To enhance faculty/staff skills knowledge 6 To focus on developing PDEACOEM as favourable destination of industries for recruitment training of competent manpower 7 To continuously upgrade the learning environment 8 To impart value based education 9 To enhance the activities of the administration section through catering various needs of the staff 10 To promote and develop the sports spirit among the students 11 To provide comfortable stay to the students with excellent atmosphere for the students 12 To perform preventive /Breakdown Maintenance in the college. Performance Indicators identified against the quality objectives are: Course coverage, Student feedback, Result analysis, Sponsored Projects, Publications, RD projects, Consultancy assignments undertaken by faculty, Effective MoUs with Industry, Encourage to improve qualification, In house skill development programs, Participation in activities outside campus, Training placement activities, Library up gradation, e learning facility, NSS activities, SoP for administrative work, eoffice, Students participation at college /University /State/ National level sports events, Hostel monitoring, Preventive regular infrastructure maintenance. Target set for these quality objectives for the next academic year is as follows: 100 course coverage, 100 students' feedback, 100 result across all courses of UG PG, Applying to different agencies for grants, IndustryInstitute interactions resulting in sponsored projects, Publications at National/International level, Promoting culture to establish industry linkages for consultancy assignments, MoUs with industries for technical knowledge sharing, internship opportunities for students, placement assistance, Encouragement for qualification improvements, Organization of FDPs / Seminars / Conferences, Faculty students participation in events across University/State/Nation, Training activities for every department, 100 placement for final year students, Increase in no of Titles and volumes as per AICTE , e library facility, On line journal subscription, 24X7 library facility for students , Special programs for society , NSS camp, Standard operation procedure finalization for administrative work, Automation of administrative work, Maximum students participation at college level during sport's week, Students representation at University level teams, Representation at PDEA Sport's meet, Hostel monitoring on regular basis, Mess facility quality check, AMC for Water coolers, AMC for Garden , Rain water harvesting, Plumbing/ Furniture / Electrical inhouse maintenance. The respective Head of Departments, Portfolio Incharges are given the responsibility to monthly review the target achievements. The challenges towards achieving targets will be addressed in IQAC quartely meetings and remedial measures will be suggested.