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Summary of the Feedback Analysis and Action Taken Report Academic Year 2023-2024

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Department of Bio-Medical Engineering

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Student Feedback:

- Most of the students were satisfied with the various aspects of teaching like coverage of syllabus in class, emphasis on fundamentals, coverage of modern/advanced topics and overall course.
- Students felt that the curriculum was good sufficient to get into the core companies.
- Students responded that articles, reading materials and reference books regarding subjects were easily found.
- Students commented that the syllabus followed was relevant to employment needs and future.
- Aspirations thus indicating that this curriculum provides larger scope for employability and entrepreneurship.
- Students felt that the course helped them in building their personality.
- Students responded that the overall structure of the curriculum will enhance the quality of education.

Faculty Feedback:

- Faculty members expressed that the employability has high weight age in curriculum design and development.
- Faculty members expressed that they have freedom to contribute ideas on curriculum design and development.
- Faculty members responded that the system followed for design and development of curriculum is effective.
- Faculty members conveyed that the curriculum has been updated from time to time.
- Faculty members felt that the curriculum and CBCS system helps to improve the soft skills of students.
- Also helps to do multidisciplinary projects.

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Alumni Feedback:

- The contribution of alumni to the institution is substantial especially in the development of the curriculum.

- The feedback from the alumni revealed that they are willing to contribute to the development of the institution.

- Majority of alumni rated that the developmental activities rendered by the institution is highly efficient.

- It was reported by the respondents that they acquired adequate knowledge during their course of study.

- Alumni believed that the knowledge gained in the institution is relevant to the current jobs they are holding.

- They strongly believed that the alma matter and ongoing events with alumni interaction will take the education system to the next level.

Action Taken:

- Students are made aware of facilities available in college during the Orientation Program's at the beginning of the first semester.

- More industrial visits and field visits are conducted.

- Teachers are asked to carry out more practical teaching learning process.

- Teachers are also using ICT tools for enhancing teaching learning process.

- Expert guest lectures are conducted on different topics of advanced sciences to inculcate interest in subjects.

- Hospital training helps the students to get better real time experience.

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IQAC Coordinator	Head of the Department	PRINCIPAL
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Department of Civil Engineering

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IQAC has developed a student feedback form. The feedback link is collected by the departments from the IQAC office. We have collected feedback from our under graduate students. Most of the students are of good opinion on curriculum design and development.

- Students evaluated the course content to be comprehensive and relevant to the desired competencies. The course content meets the requirements of later (follow-up) courses.

- Professional development courses equip students for industrial internships and competitions by improving soft skills and analytical abilities.

- It can be readily seen that the students were satisfied with the course resources available in the library that were recommended for the course.

- Students perceived the program and curriculum to be more enriched than equivalent programs at other universities. The majority of students proposed that, in addition to theoretical courses, practical and skill-oriented courses be provided. Theory and practical courses should be combined to help students learn more effectively.

- Students were satisfied with the quality and content of their practical course assignments and lab instructions.

Faculty Feedback:

Faculty feedback is an important source of feedback for curricular improvement. This questionnaire is designed to gather information about different aspects of the curriculum. As faculty members play a vital role in planning and implementing the curriculum, the insights collected from their feedback were taken into consideration for additional necessary action, if relevant.

- All faculties agree that the syllabi's goals and objectives are clearly defined and understandable to both teachers and students.

- Faculty members agree that the syllabus prioritises technical skills for Unique Education and extracurricular activities.

- The majority of faculty members agree they have the freedom to implement innovative instructional approaches, tools, and tactics.

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- Our faculty members agree that the Library has a suitable collection of relevant reading materials and digital resources.
- Most of the faculty members strongly agreed that the course outcomes are well defined and clear.
- Textbooks and reference materials enhance student comprehension and familiarity with the course content. It was suggested that there would be more resources provided in the library and an improvement made in the facility provided by the sports department.

Alumni Feedback :

The purpose of this feedback is to obtain alumni input on the quality of education they received and the level of preparation they had at the college and to assess the quality of the academic program. This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation.

- Most of the alumni are satisfied with the course content and acknowledge that the course content was rather appurtenant in their career.
- Most of the alumni accepted that Co-curricular initiatives taken by the college to improve the students ethical skills, to develop the students communication skills and develop the students through value added courses was very efficient and these activities helped them a lot during their course of study.
- Alumni felt that the Academic initiatives taken by the college is to improve their technical ability in the Industrial Oriented Projects.
- Alumni are satisfied with the curriculum provided in the college bring up the entrepreneurial skills of the students.
- Most of the alumni accepted that the extra-curricular initiatives taken by the college is to develop the students through NSS/SPORTS/NCC/Other Club activities.
- Many Alumni trusted that the grievances and redressal process/system was properly handled at the college.
- It is also suggested to offer activity based learning that can be implemented to help lifelong learning process.

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ACTION TAKEN REPORT ON FEEDBACK

- Students suggested that the curriculum may have more practical approach, Hence, it is noted that the present curriculum is framed based on the standard formulated by the AICTE and Affiliated University. The university nominee and BOS members framed and recommended the curriculum and syllabus based on the present needs and practical approach.

- Skill Enhancement Courses in the curriculum was introduced to improve the practical exposure on different aspects.

- Value added courses are organized to meet up the gap prevailing between industry and institute.

- Field/Site Visits are being regularly organized, keeping in the view to get more practical knowledge and better understanding.

- Special technical and skill development classes have been arranged for preparing students to face placement process, GATE, UPSC and state Government exams.

- Employers need students who can meet industry demands. The student receives internship/in-plant training in the specific sector, and they may be able to meet the demands of that industry. If the essential skills are lacking, pupils will not be able to fit in immediately after graduation. As a result, several new professional elective and minor degree courses were added to the R2018 VER 4 and R2022 curriculum. Students who graduate in the future year may meet the industry's expectations.

- As per the feedback received from alumni, the Autonomous curriculum is well mapped to cater to the requirements of industries and society.

- Alumni responded with strong agreement when asked about the developmental activities with respect to overall development.

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Department of Computer Science and Engineering

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Student's feedback Analysis:

- Students were satisfied with training opportunities and platforms for national and international competitions (e.g., SIH).

- Positive feedback on teaching quality, including syllabus coverage, emphasis on fundamentals, modern topics, and overall course design.

- Curriculum viewed as adequate, though students suggested added training for personality and professional development to boost employability.

- Students recommended adding more industry-relevant topics to the syllabus.

- Reading materials and reference books were easily accessible.

- Curriculum deemed relevant to job aspirations, supporting broad employability.

- Laboratory experiences and practical exposure enhanced conceptual understanding.

- Course perceived as beneficial for personal development.

Faculty Feedback Analysis:

- Faculty agreed that employability is a focus in curriculum design.

- Curriculum praised for flexibility, allowing updates and integration of recent trends and innovations.

- Syllabus focused on essential technical skills, particularly in special education.

- Faculty valued the freedom to contribute ideas to curriculum development.

- Curriculum development system regarded as effective.

- Curriculum consistently updated to stay current.

- Faculty appreciated the autonomy to implement new teaching strategies.

Alumni Feedback Analysis:

- Alumni actively contribute to curriculum development and support institutional growth.

- Development activities rated highly efficient by most alumni.

- Alumni appreciated the institution's efforts to improve technical abilities through industry-oriented projects.

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- Knowledge gained during studies deemed relevant to current job roles, aligning well with industry needs.

Action Taken Report:

- Students are introduced to available faculty during orientation at the start of the first semester.

- Curriculum input collected from students to address potential syllabus gaps based on stakeholder requirements.

- Placement and Training Cell provides additional training to enhance employability skills.

- Increased frequency of industrial and field visits for real-world experience.

- Student feedback reflects general satisfaction with curriculum development and revisions.

- Faculty feedback validated syllabus relevance, supporting content updates to meet societal needs.

- Teachers encouraged incorporating practical teaching methods and using ICT tools for enhanced learning.

- Expert guest lecturers organized on advanced scientific topics to engage student interest.

- Alumni praised academic initiatives to keep the curriculum aligned with current industry demands.

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Department of Electronics and Communication Engineering

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Student Feedback:

The IQAC has framed a structured student feedback form and provided the feedback link to the departments. The departments have collected feedback from undergraduate and postgraduate students. Most of the students have given positive feedback on the process of designing and developing curriculum and syllabi.

- According to student feedback, the curriculum and syllabi are revised and enriched on par with the latest technological developments and fulfills the industrial requirements.

- The students believed that the course content was sufficiently in-depth to meet the competencies required. The foundational science courses successfully equipped them for the subjects they would encounter in future semesters.

- A sufficient number of good-quality books were available in the central library that matched the latest curriculum.

- The Students felt that the laboratory-oriented courses foster the development of design, analysis, implementation, problem-solving, and experimental abilities necessary to produce suitable solutions. The students have registered their opinion that the curriculum and syllabi were revised and enriched on par with recent technological developments and fulfilled industrial needs.

- Students expressed that the open elective courses in the curriculum offer a valuable opportunity to engage with technologies from multiple disciplines and gain insights into intellectual property rights (IPR).

- They suggested that recent trends in employability should be considered to enhance their chances of finding suitable employment.

- Feedback from students indicated that the course design promoted self-directed learning and generated enthusiasm for the subject matter.

Faculty Feedback:

The feedback received from the faculty members is used for the improvement of the curriculum and syllabi. The questionnaires are intended to collect information regarding various aspects of the curriculum and syllabi. As the teachers play a remarkable role in the design, development, and implementation of the curriculum,

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the input received from their feedback was taken into consideration for necessary action wherever applicable.

- Faculty members generally agreed that the curriculum aligns well with the institution's educational objectives, effectively preparing students for both academic and professional success.
- Faculty members noted that they have the freedom to implement new teaching techniques, educational tools, and strategies.
- There was strong agreement among faculty that both the department and central library offer a sufficient selection of standard textbooks, reference materials, and digital resources.
- Most faculty members feel that course outcomes are well-defined and that there is a solid balance between theory and practical application.
- Faculty suggested that every unit in the courses should include small or mini projects to better integrate theory with practice.
- They also recommended placing greater emphasis on the foundational aspects of engineering courses.
- Faculty members believe they have enough freedom to propose, modify, and add new topics to the syllabus through the appropriate channels.

Alumni Feedback

The purpose of alumni feedback is to obtain input on the quality of education they received and the level of preparation they had at the institution and to assess the quality of the academic program. The questionnaires are intended to collect information related to their satisfaction with the curriculum, teaching, learning, and evaluation.

- A significant number of former pupils expressed gratitude for the academic and extracurricular programs offered by the institution, which helped them tremendously during their studies by developing their communication skills, moral sense, and development through additional courses.
- Alumni felt that the college's academic initiatives were beneficial in improving their technical skills, particularly through industry-focused projects.

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- A majority of alumni agreed that the courses on communication skills and personality development, along with various workshops included in the curriculum, significantly helped students secure better placement opportunities.

- Most alumni recognized that the college's extracurricular initiatives, including NSS, sports, NCC, and various club activities, were focused on student development.

- Alumni expressed confidence that the grievance and redressal systems at the institution were handled effectively.

- They also suggested incorporating activity-based learning to promote lifelong learning.

Action Taken:

- Updated curriculum to align with current industry standards and emerging technologies, ensuring relevance and applicability.

- Introduced mandatory courses focusing on communication skills, teamwork, and personality development.

- Increased hands-on experience for students, leading to a better understanding of theoretical concepts and improved problem-solving skills.

- Facilitated guest lectures, internships, and project collaborations, enhancing the real-world relevance of the curriculum.

- Improved accessibility to learning materials, enabling students to study at their own pace and reinforcing independent learning.

- Organized workshops and training sessions for faculty on innovative teaching methodologies and assessment techniques enhanced teaching effectiveness, resulting in improved student engagement and learning outcomes.

- Implemented a structured feedback mechanism involving students and alumni to gather insights on the curriculum and teaching methods continuous improvement of the curriculum based on stakeholder feedback, leading to increased satisfaction rates.

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Department of Electrical and Electronics Engineering

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Student Feedback:

The IQAC has developed a structured student feedback form and provides the feedback form link to the departments. The department has collected the feedback from the under-graduate and post-graduate students. Nearly all the students have given positive feedback on the process of design and development of curriculum and syllabi.

- The students felt that the depth of course contents are suitable in relation to the various competencies expected from the courses. The course content of the basic science courses fulfills the need so courses to be studied in forthcoming semesters / years.

- Majority of the students believed that the laboratory experiments designed in the practical courses stimulate the interest in the practical course and extend the understanding relating theory to practice.

- The students reviewed that the curriculum and syllabi are revised and enriched on par with the state-of-the-art technological developments, advancements and fulfills the requirements of developing and developed industrial sectors.

- The student feedback shows that the laboratory-oriented courses develop the design, analysis, problem solving and experimental skills to provide an expected and most appropriate solution.

- The students suggested that the open elective courses in the curriculum, promote the platform to learn the new and advanced technologies of multi- disciplinary streams and IPR.

- The students suggested to consider the resent employability trends so that, they can get employed in a projected organization.

- The sufficient numbers of good quality text and reference books and journals are available in the central library that matches with new curriculum.

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Faculty Feedback:

The feedbacks received from the faculty members are used for the improvement of curriculum and syllabi. The questionnaires are intended to collect information concerning various aspects of the curriculum and syllabi. As the teachers play a outstanding role in design, development and implementation of the curriculum, the inputs received from their feedback was taken into consideration for necessary action wherever applicable.

- Nearly all the faculty members accepted that, the curriculum and syllabi is framed with major focus on requirements of students, technical skills demanded by industry, job placements, technical skills required for the students in extra and co-curricular activities.

- Most of the faculty members agreed that, they have the freedom to adopt new, advanced and innovative practices / techniques/ educational tools/ new strategies in teaching.

- The faculty members strongly agreed that, the sufficient number of standard text and reference books, reading materials and digital resources are available in department library and central library lending and reference section.

- Majority of the faculty members are strongly agreed that, the course outcomes are well defined and the courses have good balance between theory and practical application.

- The faculty members proposed that, the application of every unit in each core and elective courses must be realized through mini projects.

- The faculty members recommended that, more importance should be given to the basics of core courses in engineering and technology.

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Alumni Feedback:

The purpose of alumni feedback is to obtain input on the quality of education they received, the level of preparation they had at the institution, and to assess the quality of the academic program. The questionnaires are intended to collect the information relating to their satisfaction towards the curriculum, teaching, learning and evaluation.

- The alumnus accepted that, the academic and co-curricular initiatives taken by the institution to improve the students' ethical skills, to develop the student's communication skills, and to develop the students through Value Added Courses (VAC) was very efficient and these happenings helped them a lot during their course of study.

- Nearly all the alumni members felt that, the academic initiatives taken by the department and institution is to improve their technical ability in the industrial oriented projects.

- Majority of the alumni members agreed that the communication skill development courses and personality development courses are being taught in the class and many workshops are conducted as a part of curriculum which helps the students in getting better placement opportunities.

- Most of the alumni accepted that, the extra-curricular initiatives taken by the institution are to develop the students through NCC/NSS/SPORTS/Other Club activities.

- The alumni trusted that, the grievances and redressed system was properly handled at the institution.

- The alumni members also recommended offering activity-based learning that can be implemented to help life-long learning process.

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Action Taken:

- The faculty members are instructed to use various ICT tools and to undertake more practical oriented teaching-learning process.

- The field visits to the electrical power generating stations and distribution substations, industrial visits, workshops and add-on courses etc., were organized.

- The feedback from the faculty members revealed the validity and adequacy of the syllabus and also it is quite accommodating in re-framing the course contents according to the societal needs.

- The training programs on communication skills development were arranged to improve the communication skills of the students.

- The internship and value-added courses relevant to Entrepreneurship, Skill Development were introduced in Curriculum and various innovative teaching methods were also implemented.

- Based on the feedback collected from parents, employer and alumni, the amendment is done in curriculum to early industry exposure through project-based learning and internships.

- The Credit transfer system, NPTEL courses, fast track mode of study and course completion, honors and minor degree courses are implemented for the interested and eligible students.

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Department of Mechanical Engineering

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Student Feedback:

We have collected feedback from our students to obtain the opinion to gain a view of our curriculum. We consider it as a most valuable thing for the designing and developing the curriculum.

- High quality teaching, assessment and management of learning.
- Provides a great mechanism for the students to pursue grievances and learning related issues as required.
- Curriculum governance, supervision and monitoring are excellent
- The students pointed out that our syllabus and curriculum is sufficient to fulfill the gap between industrial requirements and academics.
- Students Suggested that more theory cum practical courses can be introduced.
- The students realise that the elective courses as well related Artificial intelligence and robotics can be offered relevant to the specialized stream.

Faculty Feedback:

This questionnaire is intended to collect information regarding various aspects of the curriculum. As teachers play a pivotal role in designing and implementing the curriculum, the inputs received from their feedback was taken into consideration for further necessary action wherever applicable.

- Curriculum meets out the pre requisite and basic knowledge required for the career.
- Electives courses offered are in relation to the technological advancements
- Implementation of more activities related to subject contributes a major part to make understand the concepts in the framed syllabus.
- Most of the faculty is strongly agreed that the course outcomes are well defined and clear.
- Implementation of innovative teaching practices contributes a major part to explain the concepts

Employer Feedback

Employer's feedback is obtained from various recruiting industries with the help of structured questionnaire. Their feedback is sought on the following areas Employer's feedback on the technical skills of the students, ability of the students to volunteer themselves to get into initiatives taken up by the Industry, adequacy of necessary communication skills to meet the job requirements, ability to learn industrial practices fast and mould themselves into the stream.

- Curriculum is more relevant for employability, skill and entrepreneurship development

- Curriculum has the enriched content

- Syllabus is more of open to innovation and learning new techniques and enhancing the practical knowledge of the students.

- Curriculum is more effective in developing design and conceptual thinking.

- Curriculum is more effective for critical thinking

- Employers are conveyed that the students have the required managerial skills and leadership qualities.

Alumni Feedback :

The purpose of this feedback is to obtain alumni input on the quality of education they received and the level of preparation they had at the college and to assess the quality of the academic program. This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation.

- Excellent framework of the syllabus and curriculum based on industry needs.
- Contents of the syllabus were revised as per the needs.
- The entire campus is full of facilities to attain the need of the students.
- Institute is more keen about attaining the vision and mission.
- Institute is more of fond of attaining all sorts of outcomes.
- Courses are more of technical and practical skills oriented.

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Action Taken:

- Syllabus was more relevant to professional life

- Contents of the syllabus were revised at reasonable intervals

- The syllabus was directly related to enhancing practical competencies.

- Prescribed text books were relevant, updated and appropriate.

- The aim and objectives of the syllabus were very clear

- Based on the feedback obtained, we have redefined our curriculum and syllabus for the betterment of the students.

- Students and faculty members are asked to attend the NPTEL courses for their knowledge benefits.

- Students attend a greater number of events conducted inside and outside the campus to improve their knowledge.

- Students are asked to do innovative projects and apply for patents.

- More program about technical and personality development were arranged to improve the communication and technical skills of the students.

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Department of Medical Electronics

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Student Feedback:

IQAC has developed a student feedback form. The feedback from the under graduate students is collected through the link by the departments from the IQAC office. Most of the students are of good opinion on curriculum design and development.

- Students have stated that the course contents are framed in an expertise way to meet out the competencies expected from the courses. The course content satisfies the needs of subsequent courses.
- Most of the students believed that the designed experiments stimulate the interest in the course and help them widen their understanding in relation with theory to practice.
- Students reviewed that the program and enriched curriculum paved way to expand their knowledge and explore various opportunities in their domain.
- Students felt that the practical courses boost up the experimental, design and analytical skills.
- Students suggested that the curriculum may have more practical approach.
- Students suggested that the growing needs of healthcare industries need to be considered while grooming the students in the campus.
- Students have suggested that the open elective courses in the curriculum shall create a platform to learn the technologies of multi-disciplinary streams and IPR.

Faculty Feedback:

Faculty feedback is considered to be the most essential concept used for the purpose of curriculum improvement. The questionnaire had been designed to elicit information related to various elements of the curriculum. As teachers were essentially concerned with formulating and implementing the curriculum, the input received from faculty feedback was taken into consideration for further necessary action wherever applicable.

- The faculty members appraised that the curriculum and syllabi is composed with primary importance on needs of the students, the specific skills demanded by different industries and required technical skills in special education and co–curricular activities.
- Faculty members agreed that they have the professional autonomy to adopt new techniques/ education tools/ strategies in teaching.
- Teachers strongly agreed that the library is well–stocked with sufficient number of books, magazines, journals and digital resources.

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- Faculty members agreed that the course outcomes are well defined and measurable.
- Faculty members suggested that the application of every unit in each course be implemented through project based learning.
- Most of the faculty members strongly felt that the course outcomes were well defined and the courses had a good balance between theory and application.

Alumni Feedback:

The purpose of this feedback is to obtain alumni insight on the quality of education they received and the level of preparation they had at the college and assess the quality of the academic program. This questionnaire is intended to collect information relating to satisfaction towards the curriculum, teaching, learning and evaluation.

- Many Alumni agreed that co-curricular initiatives taken by the college to improve ethical skills, communication skills and skill development through Valued Added Courses were efficient.
- Alumni felt that the academic initiatives taken by the college helped them to improve their technical skills in the industrial oriented Projects.
- Most of the alumni accepted that the students conduct and confidence are developed through NSS/SPORTS/NCC/Other Club activities.
- Many Alumni trusted that the grievances and Redressal mechanism was properly handled in the college.
- It is also suggested to implement activity based learning to promote lifelong learning process.
- The majority of the alumni agreed that the communication skill development courses and personality development courses were being taught in the class and many workshops were conducted as a part of the curriculum, which helped the students to get better placement opportunities.

Action Taken:

- The feedback from the teachers revealed about the depth of the syllabus and, it is quite helpful in reframing the course content to suit the present-day needs.
- Personality Development Training programmes were arranged to hone the communication skills and employability skills of the students.

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- It is intended to implement innovative method of teaching in accordance with the present progress.

- Expert guest lectures and Boot camps are organized on Emerging Technologies to inculcate interest in all courses.

- Based on the feedback collected from parents, employers, and alumni, the necessary modifications have been made the curriculum to expedite the industrial exposure through project-based learning and internships.

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Department of Artificial Intelligence and Data Science

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Student Feedback:

- Relevance to Industry: The curriculum and syllabus are perceived as being updated to align with the latest technological advancements and industry standards.

- Adequate Library Resources: The Central Library is seen as providing sufficient high-quality resources to support the curriculum.

- Practical Skill Development: Laboratory-focused courses are considered effective in enhancing design, analysis, implementation, problem-solving, and experimental skills.

- Sufficient Learning Materials: Students feel that instructors provide adequate reading materials to support their learning

- Relevance to Career: The curriculum is perceived as relevant to future aspirations and job prospects.

- Personality Development: The course has contributed to students' personal growth and development.

Faculty Feedback:

- Student-Centric and Industry-Relevant: The curriculum and syllabus are designed to address the needs of students, including their skill development, career aspirations, and industry expectations.

- Clear Learning Outcomes: Course outcomes are well-defined, ensuring a balance between theoretical knowledge and practical application.

- Focus on Fundamentals: Faculty members emphasize the importance of strengthening the foundation of engineering courses.

- Innovation in Teaching Methods: Faculty members are open to incorporating new technologies, teaching aids, and pedagogical techniques to enhance the learning experience.

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- Adequate Library Resources: The departmental and main libraries are considered to have sufficient resources to support teaching and learning.

- Pedagogical Freedom: Faculty members have the autonomy to adopt innovative teaching strategies.

- Curriculum Flexibility: The curriculum is considered flexible, allowing for updates and modifications based on emerging trends and innovative ideas.

Action Taken:

- Curriculum Alignment: The curriculum and syllabus have been refined based on faculty feedback to ensure relevance and effectiveness.

- Technology Integration: Faculty members are encouraged to utilize Information and Communication Technologies (ICT) to enhance teaching and learning methodologies.

- Communication Skill Development: Training programs are being implemented to improve students' communication skills.

- Industry Integration: Curriculum revisions are underway to incorporate more project-based learning and internship opportunities, aligning with industry expectations.

- Skill Enhancement: Workshops, value-added courses, and industrial visits are being organized to equip students with the necessary knowledge and skills.

- Practical Learning Experiences: More industrial and field visits are being conducted to provide practical exposure.

- Expert Lectures: Guest lectures by experts are organized to expose students to advanced topics and inspire them.

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Department of Information Technology

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Student Feedback

The IQAC has developed a comprehensive student feedback form and provided it to the department. The department collects feedback from both undergraduate and graduate students. Most students express positive views regarding the design and development of the curriculum and syllabi, with a summary of their comments outlined below.

1. Students feel that the curriculum and syllabus have been improved and updated to align with current technological developments and industry needs.

2. As stated by students, the Central Library has enough high quality volumes to support the most recent curriculum and also Journal access.

3. According to student feedback, a laboratory-focused course encourages the improvement of design, analysis, implementation, problem-solving, and experimental abilities necessary to offer suitable solutions.

4. According to students, the open elective courses offer a valuable opportunity for learning multidisciplinary technology and contribute to skill development.

5. All the students agreed that their instructors give them enough reading material and practice to learn through.

Faculty Feedback

Since teachers play a significant part in the design, development, and implementation of the curriculum, their input and feedback are taken into account for any essential action that may be required. The feedback received from the faculty members are used for the improvement of curriculum and syllabi. The purpose of the questionnaires is to gather data on different aspects of the curriculum and syllabi.

1. According to faculty members, the curriculum and syllabus are designed to focus on student needs, essential industry skills, job opportunities, technical abilities, and entrepreneurship skills that students should develop through both co-curricular and extracurricular activities.

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2. The faculty members agreed that the curriculum and syllabus are designed to prioritize the skills students need for their specific fields of study, internships, and industry demands.

3. The course's outcome, in the opinion of the faculty members, is clearly stated and establishes a balance between theory and application. Faculty members suggested that more attention should be paid to the basics of engineering courses.

4. Faculty members agreed to be allowed to use new technologies, teaching aids, and pedagogical techniques within the classroom.

5. The experts affirmed that both the departmental and main libraries have a sufficient collection of standard textbooks, reference materials, study aids, and digital resources.

Alumni Feedback

The objective of gathering feedback from alumni is to continuously evaluate the standard of the academic program by learning about their knowledge and views regarding the quality of education and preparation they received at the college. The purpose of the questionnaires is to gather data regarding their level of satisfaction with the curriculum, instruction, assessment, and learning.

1. Most graduates feel that the academic and extracurricular measures implemented by the college to help students enhance their technical skills, improve communication abilities, and grow through value-added courses were very effective. They have found these activities to be highly beneficial for their studies.

2. The majority of graduates believe that completing courses on self-development and communication skills enhancement in addition to the curriculum's in-class and workshop modes will help students get better job placement possibilities.

3. Alumni stated that the college's academic activities enhanced their technical skills in industry-focused projects.

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4. The majority of graduates are involved in extracurricular activities such as NSS, SPORTS, NCC, and other club activities in order to assist pupils.

5. Various association events are organized to improve students Technical skills.

Action Taken

1. The faculty members' feedback confirmed the syllabus's relevance and effectiveness, proving to be very useful in aligning the course material with current needs.

2. Faculty members are expected to incorporate ICT and adopt a more practical approach to the teaching-learning process.

3. The training programs' emphasis on improving communication skills is intended to help students communicate more effectively.

4. To enhance industry integration through project-based learning and internships, curriculum revisions are needed based on feedback from employers, parents, and alumni.

5. Fast track learning techniques and course credit transfer via NPTEL courses are used by eligible learners to finish their course.

6. The aim of the workshops, value-added courses, and visits to software consulting, information technology, and outsourced services companies is to improve students' knowledge and skills.

7. Value Added Courses are conducted to improve student's Technical skill.

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Department of Science and Humanities

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Student Feedback:

IQAC has developed a student feedback form .We have collected feedback from our students to obtain the opinion on curriculum. The students feel that the depth of course contents are adequate in relation to the various competencies expected from the courses. The course content of the basic science courses fulfills the needs of courses to be studied in subsequent semesters in the forth-coming years.

- The sufficient numbers of good quality text books, reference books and journals are available in the central library that matches with latest curriculum.

Faculty Feedback:

The feedback received from the faculty members are used for the improvement of curriculum and syllabi. The questionnaires are intended to collect information regarding various aspects of the curriculum and syllabi.

- The Faculty members acknowledged that sufficient materials and resources were available in the library for reference

- Maximum of the academics agreed that they have the freedom to undertake new techniques/ education Device/ strategies in education for the student's employment possibilities.

- Most of the faculty members are strongly agreed that the course outcomes are well defined and the courses have good balance between theory and application.

- The faculty members suggested that more emphasis should be given to the basics of engineering courses.

- Students have been encouraged to register Swayam NPTEL courses like Basics of python programming and Internet of all things.

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Action Taken:

- The Training programmes on communication skills development and orientation classes in Python programming were arranged to improve the communication skills and programming skills of the students.

- Teachers are instructed to get more familiarize with creative thought process for teaching.

- The faculty members are instructed to use ICT tools and to undertake more laboratory oriented teaching-learning process.

- Most of the students accepted the extra-curricular initiatives taken by the college help to develop the students through NSS/SPORTS/NCC/Other Club activities.

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Department of Management Studies

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STUDENT FEEDBACK ANALYSIS:

IQAC has developed a student feedback form. The feedback link has been circulated to the student. Most of the students are of good opinion on curriculum design and development.

- The students assessed the complexity of the teaching material as suitable in alignment with the skills anticipated in the courses. The course content aligns with the course requirements and necessitates subsequent action
  .

- Most students expressed that the structured experiments and internships enhance their comprehension of theoretical concepts and practical applications.

- Students evaluated the program and curriculum as comprehensive.

- Practical courses, including summer training, project work, and skills in new product design and analysis, have been recognized for contributing to the enhancement of their abilities.

- The students recommended that the curriculum could benefit from a greater emphasis on practical elements, and their suggestions have been duly noted.

FACULTY FEEDBACK ANALYSIS:

Faculty feedback is used as key feedback to improve to curriculum. The aim of questionnaire is to collect information on various aspects of the curriculum. As teachers play a crucial role in the design and delivery of the curriculum, input from their feedback has been considered for additional improvements where ever necessary.

- The majority of faculties concurred that they had the autonomy to implement new strategies and techniques in coaching students for enhanced employability.

- The faculty expressed strong agreement regarding the ample availability of relevant materials and digital resources in the library.

- The course outcomes were clearly defined in the syllabus.

- It is suggested that additional resources be allocated to the library to support course knowledge and improvement.

- The sports department should prioritize students' physical fitness.
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ALUMNI FEEDBACK ANALYSIS:

IQAC has developed a alumni feedback form. The feedback link has been circulated to the alumni. Most of the alumni are of good opinion on curriculum design and development.

- According to alumni feedback, the variety of materials appears to align well with the anticipated competencies of the course. The course materials adequately fulfill the prerequisites for subsequent courses.

- A majority of alumni expressed that the structured experiments and internships stimulate interest in the course and enhance their comprehension of both theoretical and practical aspects of learning (experiential learning).

- Alumni noted that the curriculum and program are comprehensive in nature.

- Additionally, practical courses, including summer training, project work, and skills in new product design and analysis, have been reported as particularly beneficial in their professional environments.

EMPLOYER FEEDBACK ANALYSIS:

Employer's feedback is obtained from various recruiting industries with the help of structured questionnaire. Their feedback is sought on the following areas Employer's feedback on the technical skills of the students, ability of the students to volunteer themselves to get into the initiatives taken up by the Industry, adequacy of necessary communication skills to meet the job requirements, ability to learn industrial practices fast and mould themselves into the stream.

- A significant number of companies agreed that students are capable of collaborating as a team within their respective industries.

- Several employers noted that students demonstrate effective communication skills.

- Employers conveyed their confidence that students possess essential managerial competencies and leadership qualities that enable them to operate more efficiently within the organization.

- Many employers indicated that the curriculum and hands-on experience encouraged students to engage in initiatives undertaken in the industry.

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- Employers affirmed that the enhancement of curriculum and syllabus design would bolster students' practical skills and bridge the knowledge gap between academic learning and professional environments.

ACTION TAKEN REPORT:

- Faculty members have been directed to increase the incorporation of experiential learning and teaching activities. To enhance the educational process, professors have utilized the Kahoot software as a means to conduct quizzes related to the course material.

- Feedback from educators regarding industry-oriented learning within the curriculum can significantly aid in the reconfiguration of course content to align with industry requirements.

- Numerous workshops and training sessions focused on personality development were organized for students to improve their soft skills and enhance their employability.

- It is recommended to adopt a variety of innovative teaching methods that align with current advancements and industry expectations.

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Employer Feedback on Curriculum and Syllabus Analysis and Action Taken Report

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Employer Feedback on Curriculum and Syllabus

Analysis and Action Taken Report

Employer feedback was collected through structured questionnaires from various recruiting industries, focusing on multiple key areas. They provided insights into the following aspects:

- 90% of employers rated students' technical knowledge as good.
- 90% felt that the curriculum and syllabus offer sufficient knowledge in the relevant field of study.
- 95% agreed that students demonstrate strong teamwork abilities.
- 89% indicated that students can communicate effectively.
- 86% believed students possess the necessary managerial skills and leadership qualities.
- 93% mentioned that the syllabus encourages students to actively participate in industry-driven initiatives.
- 87% suggested that students should better align with industry demands.
- 82% agreed that students can quickly adapt to industrial practices and integrate smoothly.
- 98% recommended that VCET should implement curriculum and non-curricular activities to help students reach the required competency levels.

This feedback highlights areas of strength while also indicating opportunities for enhancement to better align with industry expectations.

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Suggestions from the Employer's:

- Enhance the curriculum by incorporating content beyond the syllabus and offering add-on courses.

- Encourage internships with corporate partners to provide students with practical knowledge of company processes and policies.

- Design curriculum and syllabus to strengthen students' practical skills, helping to bridge the gap between academic learning and industry needs.

Action Taken:

- Created a curriculum that includes additional technical training and add-on programs focused on recent technologies.

- Implemented a hands-on approach through specialized workshops and guest lectures.

- Conducted lectures covering recent industry trends beyond the syllabus.

- Planned extra lab experiments and additional industry visits to enhance practical learning.

- Organized personality development programs to strengthen students' communication skills.

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