Index

Department of Computer Science and Engineering

Action Taken Report

Stake Holder	Feedback	Action Taken
Student's Feedback	1. Courses should content more practical and project-based concepts rather than theories. 2. Sports should also be a part of our curriculum as it helps with building team skills and acts as a good refreshment from continuous theory sessions. 3. Syllabus is very hard for Lateral entry students.	1. The institute has received funding for Ithe DEA lab, which will ultimately help the students in practical and project-based learning. 2. In the forthcoming semesters, one noncredit course is compulsorily added as yoga, meditation, etc. 3. Lateral entry students are providedextra classes once the normal classes are over.
Alumni Feedback	1. Include 6 months long internships. 2. A month or two of Bootcamp for full-stack development. 3. Curriculum should include new technologies to make the studentindustry-ready. 4. Competitive Coding should be made compulsory in the CSE department from 3rd semester itself	1. The Institute allows self-initiatives undertaken by students to pursue Vocational-training based internships after the second year and third year after their BTech tenure. 2. The syllabus is revised in autonomous curriculum keeping in view professional curriculum of Full Stack Development 3. To meet the industry readiness features of the program curriculum Industry representatives are nominated as members of, Board of Studies of the department. 4. Every year, a Software development coding contest: BITSHINE and HACKATHON are organized and mentored by concerned faculty for students of all semesters in order to incubate efficient coding skills: students' participation is encouraged in Inter-Institutional Tech-Festivals as well.

Faculty Feedback	1. Case study based lessons/exercises required in the curriculum 2. The above feedback is given for the subject Programming for Problem Solving. The syllabus is excellent for Computer Science, Information technology, and Electronics students but a little bit tough for non-computer science students.	1. Faculty members are encouraged to teach Content beyond the syllabus as part of their course in which, case studies and additional experiments are taught to the students. 2. In the first year syllabus this subject is included to make the student learned about the computer's computing skills.

Department of Civil Engineering

Action Taken Report

BIT, Durg has a structured feedback mechanism and every feedback is given due consideration and is revived at various levels. IQAC collects regular feedback on curriculum from various stake holders; alumni, parents, students, teachers and employers. IQAC intimates the feedback reports to the members of the concerned Board of Studies and members in the Syllabus Revision Committee. The syllabus of various programs undergoes timely revision and most of the concerns are addressed in the revised syllabus. In case of students' feedback, few students from across the university teaching departments are randomly selected to avoid any kind of biasness. The other stakeholder's feedback is taken by holding yearly meeting where no. of stakeholders varies according to their availability.

1. Alumni

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-VeryGood, 4- Excellent) and one item is qualitative in nature for their open comments with confidentiality.

Items Covered

1. Rate the adequateness of the course offered in the program.
2. Rate the sufficiency of syllabus content to bridge the gap between academia and industry.
3. Rate the curriculum in relation to your current professional standards.
4. Rate the skills acquired from the curriculum to face the industry challenges/requirements.
5. Rate the institute's laboratory and equipment adequateness for practical exposure.
6. Rate the offering of electives in relation to technology advancement.
7. Rate the design of the courses in terms of extra learning or self-learning.
8. Rate the training and placement cell in getting sample placement opportunities.
9. Rate the competence and support offered by the teachers.
10. Rate the institute's support and contribution for the overall development of students.

Analysis of the feedback

The analysis of the results indicate that students have rated adequacy of the course offered in the program. Provision of sufficient choices for the students in selecting electives, Opportunity for developing various professional skills. Depth of the curriculum, electives, laboratory facilities,

instructional hours were rated mostly as very good and excellent.

All the students reported that the library is well stacked with relevant reference books and text books and also teachers provide them with sufficient study materials and practice avenues to attain the course outcomes.

Students have asked for special guest lectures to be arranged from industry. Due to Covid19 times the guest lectures could not be organized for the students. Students also demanded for including coding subjects in the curriculum and have also asked for more placement opportunities in core construction industry.

2. Teachers

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-VeryGood, 4- Excellent) and one item is qualitative in nature for their open comments with confidentiality.

i.   Rate the structure of the curriculum framed for the entire program.

ii.   Rate the appropriateness of the sequences of the course provided in thecurriculum.

iii. Rate the depth of the syllabus for the course in relation to the competencies expected by industry current global scenario.

iv.   Rate the sequence of the units/Modules in the course

v.   Rate the distribution of credits to the course.

vi.   Rate the advantages of textbooks and reference books mentioned for the course.

vii. Rate the potential of the students in understanding the course objectives.

viii. Rate the syllabus content for the course in term of burden on the students.

ix.   Rate the experiment list in stimulating the interest of students in the subject

x.   Rate the contribution of the course in terms of Professional core area.

xi.   Analysis of the feedback

Faculties have rated most of the items as Very Good and Excellent regarding structure of the curriculum framed for the entire program, the appropriateness of the sequences and distribution of the credits to courses in the curriculum, the depth of the syllabus pertaining to the desired competenciesby industry current volatile global scenario. BIT, Durg has a sufficient resource of e-resources as well as textbooks and reference books mentioned for the course faculties have appreciated it their appraisal.

Faculties mentioned few points in their feedback which is under consideration:

i.   Increase the use of virtual labs in broader perspective for illustration and better understanding of the concepts and course coverage.

ii.   Have given specific recommendation for inclusion of various software, site visit,

report writing and minor projects as part of the curriculum of the students.

3. **Students**

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 with confidentiality.

i. Rate how challenging was the syllabus offered by the courses.

ii. Rate the appropriateness of the sequence of the courses provided in the curriculum.

iii. Rate the depth of the syllabus of the courses in relation to the competencies expected by industry/current global scenarios.

iv. Rate the sequence of the units/modules in the courses.

v. Rate the adequateness of the textbooks and reference books mentioned for the courses

vi. Rate the syllabus content for the course in term of burden on the students.

vii. Rate the design of the courses in terms of extra learning or self-learning.

viii. Rate the flexibility in choosing the electives in relation to technology advancements.

ix. Rate the percentage of the course offering LAB components

x. Rate the composition of the course in terms of Basic science, Engineering science, Humanities, Discipline core, discipline elective, open elective, project etc?

Analysis of the feedback

From students' feedback it is evident from their rating that the syllabus offered in the course, their sequence and depth of the syllabus of the courses in relation to the desired competencies expected in the industry/current global scenarios is satisfactory.

Students also rated the sequence of the units/modules in the courses.

Students have rated very good and excellent to adequateness of the textbooks, reference books and LAB facilities. Students have also appraised the project-based learning in the core subject as very good. Students have suggested to make the choice of the electives broader and more flexible in coming years. Students have suggested to reframe the theoretical subjects in particular in terms of burden on the students.

Department of Electronics & Telecommunication Engineering

Action Taken Report

Faculty Feedback

- Calibration of student industry has been initiated.
- Case study based lessons related to the subject topics are encouraged.

Alumni Feedback

- Enhancement of skills of students beyond curriculum by organizing project competition in various subjects.
- New elective courses have been design based on current technology.

Student Feedback

- Emphasis is given on syllabus to be completed on time.
- New components have been procured in the labs for new experiments.

Department of Electrical Engineering

Action Taken Report

Action Taken from feedback of the students

1. More practical approach learning is adopted so that the student will be industryready
2. In depth analysis of the topics is provided which would help students in their research work
3. Industrial expertise are invited from time to time, who share their knowledgeabout the current scenario in industry
4. Coding knowledge of microcontrollers and sensors in higher semesters willencourage them towards skill development

Action Taken from feedback of the teachers

1. Mini projects in different semesters will provide an opportunity to gain practical knowledge.

2. Topics related to recent trends linked to the curriculum provide excitingopportunities for students to learn new things.

Action Taken from feedback of the alumni

1. Along with the vocational tanning which is a part of curriculum, internshipopportunities may be provided to students to enhance their learning experience
2. More skill development subject should also be included to make the students industry ready
3. To make students aware of the practical trends of the industry so that they can interconnect class topics and the real world

Department of Information Technology

Action Taken Report

Stake holders	Feedback	Action Initiated
Student's Feedback	1. Need to provide space for Entrepreneurship development 2. Need to provide project Laboratory 3. Need to provide self-learning capabilities 4. Need for more Smart Classes. 5. To Feel Employable Programmefor students.	1. College is enrolled as a local chapter for NPTEL courses. Students are motivated to enhance their technical competency. Faculty also encouraged and rewarded according to their scores. 2. Students are Motivated to participate in Competitions which will enhance their skills like Smart India Hackathon. 3. To incorporate the entrepreneurship skills, Entrepreneurship Development Cell in created to identify entrepreneurial ability of students and will direct them to establish their own enterprise in various sectors. 4. New classes with smart TV have been installed for department. 5. The TPO cell organizes program for students to focus and endeavour on Employability Skills.

Faculty Feedback	1. Curriculum needs to be upgradedon par with latest technologies used by employers. 2. Curriculum needs to cover more laboratory courses.	1. Additional experiments are designed and carried out in laboratories. 2. Expert Lectures/ Workshops are arranged through industry tie-up to fill the gap.
Alumni Feedback	1. Need to establish strong alumni association. 2. Request to start new PG courses.	1. The institute has established a new Alumni Association Cell and Organizes an annual meet. 2. Two new courses being Introduced for next session

Department of Computer Application

Action Taken Report

Action Taken of Student's Feedback

In view of identifying the gap in the syllabus as per the requirement of various stakeholders, the department has taken feedback on curriculum from the students regarding their subject. Suggestions like more smart and experiential leaning and approach to competitive exams, relevant to the framing of the syllabus of various courses were consolidated, discussed, and then communicated to the subject teacher.

Since all the teachers of the department are actively participating in the syllabus restructuring process, as being members of Board of studies.These suggestions are as follows:

1. To help fresh students to understand the challenges and opportunities present in the Institute and to counsel their academic and personal problems
2. More of industrial visits and field visits are conducted now. Also teachers are asked to undertake more experiential teaching learning process. Teachers are also using PowerPoint presentations for enhancing teaching learning experience.
3. Expert guidance lectures are conducted on different topics of advanced sciences to inculcate interest in subjects.
4. Many faculties are now using ICT for teaching learning purposes to create smart learning environment like YouTube lectures, Google Classroom etc.
5. COLLEGE FEST (OJAS) is conducted to make students job ready and enhance their life skills.
6. Dynamic learning environment for slow learners and advanced learners are given more attention according to their needs.
7. More career guidance and soft skill development schemes have been implemented.
8. Placement and guidance cell has been strengthened.

Action Taken of Alumni's Feedback

The alumni appreciated the existing pattern of education, they suggested to give more stress to research activities, capacity building, employability, skill training program and the action taken report are given below

1. Inter-disciplinary final year projects were encouraged.
2. Inter departmental research initiatives were encouraged.
3. Students were encouraged to take up research based on applicationprojects.
4. Entrepreneurial skills of the students were encouraged.
5. Prestigious alumina were invited to give motivational talks to thestudents
6. Communication skills training, career action coaching managementtraining leadership training were given to the students

Action Taken of Teacher's Feedback

Teacher's feedback are very informative to better the existing situation. It isbased on the feedback listed action are taken as follows:

1. Department has the Board of Studies meeting twice a year. Feedback given by the subject teachers were put forward to the committee for consideration and the recommendations are implemented

2. Case study assignments were given to the students. This helped them to acquire problem solving skills. Group assignments and projects were given Interdepartmental projects were carried out.

3. Academic audit was conducted in the department level and the inputs received were documented and suggestions are taken forward to be implemented in the BOS meetings

4. Elaborate the topics in syllabus where needed.

5. Review the syllabus where needed to reduce the gap between current global scenario and Academics.

6. Faculties were asked to suggest the name of books as per the new latest edition in the syllabus.

7. Add more value added courses in the syllabus after taking approval from board of studies.

8. Learning Management System through interactive between faculty and student was encouraged. Smart Class rooms, Video conferencing etc was made effective by use of ICT.

9. Case study assignments were given to the students. This helped them to acquire problem solving skills.

10. Apart from regular teaching, Social awareness and human values to be imparted to students.

Department Of Electrical & Electronics Engineering

Action Taken Report

Stake Holder	Feedback	Action Taken
Student's Feedback	• Syllabus should be very specific. • Syllabus should be more practical oriented.	• Specific sub topic/titles are included in the syllabus • In each semester a Project based course is included for more practical orientation in autonomous course
Alumni Feedback	• Syllabus should be job oriented. • Industrial visit should be increased.	• The curriculum allows students to pursue training based internships after the second year and third year of their BTech course. • Industrial visits have been organized for B. Tech Students
Faculty Feedback	• Institute-Industry interaction should be increased. • Syllabus should contain topics related to recent trends and technology.	• To input the requirement of industry readiness in the program curriculum Industry representatives are nominated as members of, Board of Studies of the department, students have participated in conferences and interacted with industry persons • topics related to recent trends and technology have been included in the curriculum

Department of Management

Action Taken Report

Stake Holder	Feedback	Action Taken
Student's Feedback	Real Business Problem are different, we need practical and situation activities which help student to solve problems in real world. Creative thinking, wide horizon of thoughts relative to different fields required.	Case based study approach is Included as part of Teaching Pedagogy to develop real business situations along with Expert lectures from industry representatives.
	Must focus & help students to get good calibre in all aspects & help them to achieve better placements	Campus drive specific training programs are organised to have overall development for better placement
	Develop Value based Leadership ability as required in Corporates	subject wise analyses were made to improve the target value by caring out more activities (games and role paly session) to enhance value-based leadership among the students.
Alumni Feedback	Department should focus on tangible outcome while student undergoing through on the live project or industrial visit and student exchange program must be introduced.	The syllabus is revised in autonomous curriculum keeping in view Field work/Internship/Major Report to provide industrial exposure to students.
	Development is the continues process, need more and more practical base study during education.	Research Lab, Analytical Lab, and Advance Excel lab included in syllabus as per industry requirement
	Live Cases, More Industrial visit, PPT practices, more Events and Entrepreneur classes	Industrial visits are organised as per course requirement. Students are encouraged for MOOCs courses like NPTEL, Edx, Coursera, NISM as well as are encouraged to participate in college level clubs, ED Cell.
Faculty Feedback	Case study-based lessons/exercises required in the curriculum	Faculty members are encouraged to teach Content beyond the syllabus aspart of their course in which, case studies and additional content are taught to the students.

		Student Based Research Activities to be enhanced	Faculty members are encouraged to work on survey-based research in taking students as mentee and more research articles to be published along with students