DEPARTMENT OF COMPUTER SCIENCE

Action Taken Report on Curriculum Feedback

The Department of Computer Science is all set to collect and analyse the structured feedback from various stakeholders and incorporate their judicious suggestions. The department offers two programmes, BSc Computer Science and Bachelor of Computer Applications. The department takes feedback through a well-structured feedback system, where the stakeholders give feedback on syllabi and curriculum. The main stakeholders are students, teachers, employers and alumni. On the basis of the analysis of the feedback collected from these stakeholders, the department effected appropriate changes in the syllabus and policy decisions have been made to ensure continuous improvement in the curriculum.

The feedback form is common to all the departments having a structured format with relevant questions regarding the syllabi and curriculum. The student format has 12 questions, alumni feedback has 9 questions, employer feedback has 8 questions and teachers' format has 12 questions. The questions pertain to different aspects of curriculum like its relevance, its ability to meet industry requirement, develop leadership qualities, communication skills, professional ethics, extra-learning, gender equity and care for nature and environment.

The Department of Computer Science also has other avenues to collect feedback from its stakeholders. The Department collects teacher evaluation feedback from the students after every semester, before the issue of hall tickets. This is a mandatory requirement for every student to download the hall ticket. This is a comprehensive evaluation about the teaching learning process in the department.

The department collects exit evaluation where the students express their genuine feeling about the programme and the way the department conducted the programme. The exit survey includes questions about the curriculum, teaching-learning, infrastructure, employability, skill development, conduct of examination, grievance redressal mechanism and service learning programme in the college. The department and the college have been making use of the feedback system to provide the students an opportunity to record their appreciations as well as to suggest improvements.
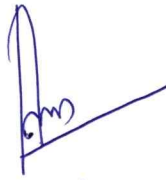
Programme: B.Sc. Computer Application

Year of Curriculum Revision: 2014-15

Year of Curriculum Implementation: 2015-16

Sl. No.	Feedback	Action taken
1	The syllabus designed for the programme is appropriate and suitably updated.	1. The topic 'Big Data' was introduced in 'Data Base Management System' in the 4th semester. 2. 'Cloud Technology' was included in 'Data Communication and Computer Networks' in the 3rd semester. 3. 'Exception Handling' was added to the course 'Object Oriented Programming in C++' in the 3rd semester.
2	The curriculum designed for the programme encourages extra learning/self-learning.	1. 'Cloud Technology' was included in 'Data Communication and Computer Networks' in the 3rd semester. 2. The topic 'Big Data' was introduced in 'Data Base Management System' in the 4th semester. 3. The course 'Cyber Security' was added as elective
3	The electives offered are pertinent to the core subject and helpful in specialising in an area.	1. The course 'Computer Aided Data Analysis using Excel and R' was introduced in the core Statistics. 2. The specialised area 'Cloud Technology' was introduced in Data Communication and Computer Networks in the 3rd semester. 3. The topic 'Big Data' was introduced in 'Data Base Management System' in the 4th semester.
4	The curriculum sufficiently motivates for further study and research.	1. The course 'Sample Survey Analysis and Design of Experiments' was introduced in the core Statistics. 2. The course 'Statistical Quality Control and Operations Research' was introduced in the core Statistics. 3. The trendy research area 'Cloud Technology' was introduced in 'Data Communication and Computer Networks' in the 3rd semester. 4. The topic 'Big Data' was introduced in DBMS in the 4th semester. 5. The topic 'Cyber Security' was included in the Open course 'Internet, Web Designing and Cyber Laws' in the 5th semester.

5	The curriculum develops self-confidence and self-reliance to face various competitive exams.	1. The topic 'Theory of Equations' in the core Mathematics 'Analytical Geometry' in 2nd semester. 2. The topic 'Numerical Methods' in the core Mathematics 'Analytic Geometry' in 2nd semester. 3. The topics 'Set theory, Relations & Functions, Logic & Theory of Numbers in the core 'Foundation of Mathematics' in 1st semester. 4. The course 'Calculus' was introduced in semester 3. 5. The topic 'Boolean Logic' was included in 'Fundamentals of Digital System' in the 1st semester.
6	The curriculum is designed to develop ability to model and analyse the real life issues.	1. The topic 'Software Engineering' was introduced in 3rd semester. 2. The topics e-Commerce, Cyber Laws and Cyber Security were introduced in the open course 'Internet, Web Designing and Cyber Laws'.
7	The laboratory experiments are designed to enhance the understanding of the concepts	1. The course 'Visual Basic Programming' was replaced with the course 'Advanced Web Technology'. 2. The topic PHP with MySQL was very relevant for current software development. 3. The topics Java Networking, JDBC, JSP and Servlets were included in the Java Programming. 4. Major project was done in the 6th semester. 5. Database programming SQL SERVER was added in 4th semester.

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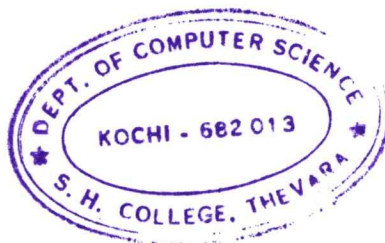
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