



Department of Computer Science

Curriculum Feedback Analysis and Action Taken Report

AY 2017-18

About the Department

Department of Computer Science of CHRIST (Deemed to be University) strives to shape outstanding computer professionals with ethical and human values to reshape nation's destiny. The training imparted aims to prepare young minds for the challenging opportunities in the IT industry with a global awareness rooted in the Indian soil, nourished and supported by experts in the field.

Vision and Mission

Vision: The Department of Computer Science endeavours to imbibe the vision of the University "Excellence and Service". The department is committed to this philosophy which pervades every aspect and functioning of the department.

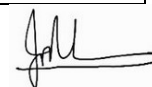
Mission: To develop IT professionals with ethical and human values. To accomplish our mission, the department encourages students to apply their acquired knowledge and skills towards professional achievements in their career. The department also moulds the students to be socially responsible and ethically sound.

Curriculum Feedback Process

At the end of the every Academic Year, the feedback will be taken from all the stake holders to enhance the quality of education with effective curriculum structure to cater the needs of all the stakeholders. The stakeholders were requested to submit their feedback based on the criterion as mentioned below with a rating scale of 5.Excellent 4.Good 3.Satisfactory 2.Averag and 1.Needs to Improve. In addition, the suggestions for the curriculum enrichment were also collected.

Student Feedback

SNO	CRETERION
1	Does the content of the curriculum satisfy the stated objectives and learning outcomes?
2	Does the curriculum cover advanced topics?
3	Whether the curriculum enhances your knowledge and skills in the relevant domain?
4	Is the curriculum effective in developing critical/ analytical thinking?
5	Are the text books and reference materials relevant to the content of the curriculum?
6	Does the curriculum orient towards higher education?
7	Does the curriculum enable the students to apply their knowledge in real life situations?
8	Is employability given weightage in the design and development of curriculum?
9	Does the curriculum promote self-study and attitude of research?
10	Does the curriculum meet your overall expectations?



Faculty Feedback

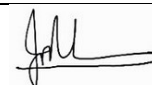
SNO	CRETERION
1	Does the curriculum satisfy the stated objectives and learning outcomes?
2	Do you have continuous processes to propose, modify, suggest and incorporate new topics in the curriculum?
3	Is the curriculum effective in developing independent thinking?
4	Does the departmental level expert committee meet to review the curriculum?
5	Does the curriculum enhance your knowledge in the subject area?
6	Does the curriculum enable the students to apply their knowledge in real life?
7	Does the curriculum demand the teachers for research inclusive teaching?

Alumni Feedback

SNO	CRETERION
1	Is the curriculum updated on a regular basis depending on the current trends and advanced topics?
2	Does the curriculum orient the students towards higher education?
3	Does the curriculum provide employability weightage?
4	Does the curriculum meet the expectations of the industry?
5	Does the curriculum enable the student to connect the knowledge to real life application?
6	Does the curriculum encourage entrepreneurship?
7	Do you think that the curriculum motivates the students for research and development?

Industry Feedback

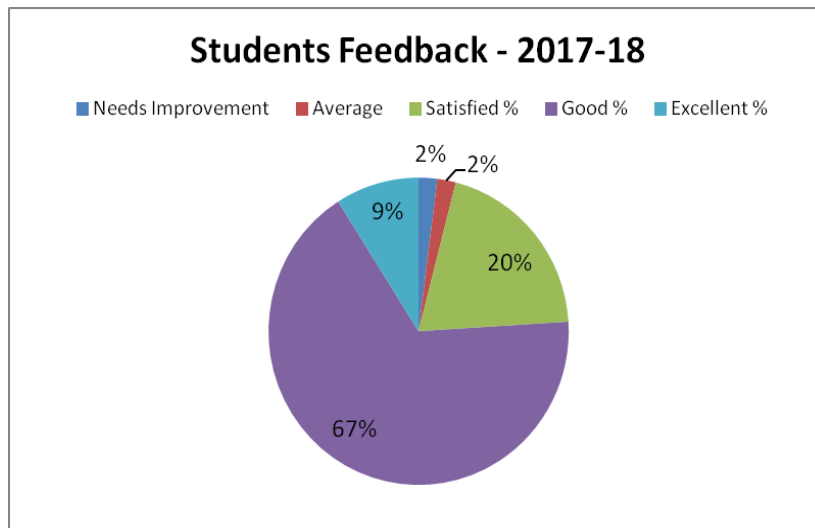
SNO	CRETERION
1	Is the curriculum aligned with the objectives of the programme?
2	Does the curriculum cover advanced topics and current trends?
3	How would you rate the relevance of the electives offered in the curriculum?
4	Is employability given weightage in the design and development of curriculum?
5	Does the curriculum meet the expectations of the industry?
6	Does the curriculum cater to the enhancement of skills of the students with respect to the industry needs?



Feedback Analysis Report for AY 2017-18

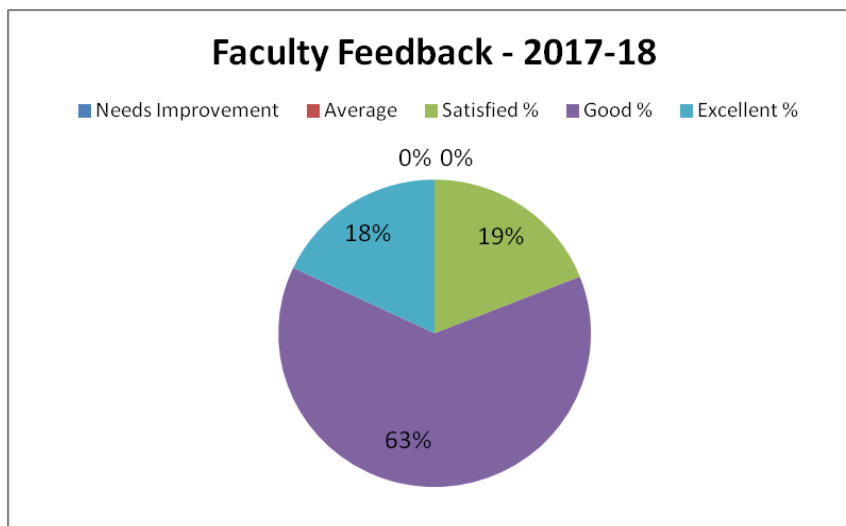
To facilitate the feedback process, the above questionnaire is prepared and distributed to the stakeholders to submit their responses with suggestions in online and offline modes (as applicable). The responses were categorised (in %) based on their rating as mentioned in the following charts.

Students Feedback:



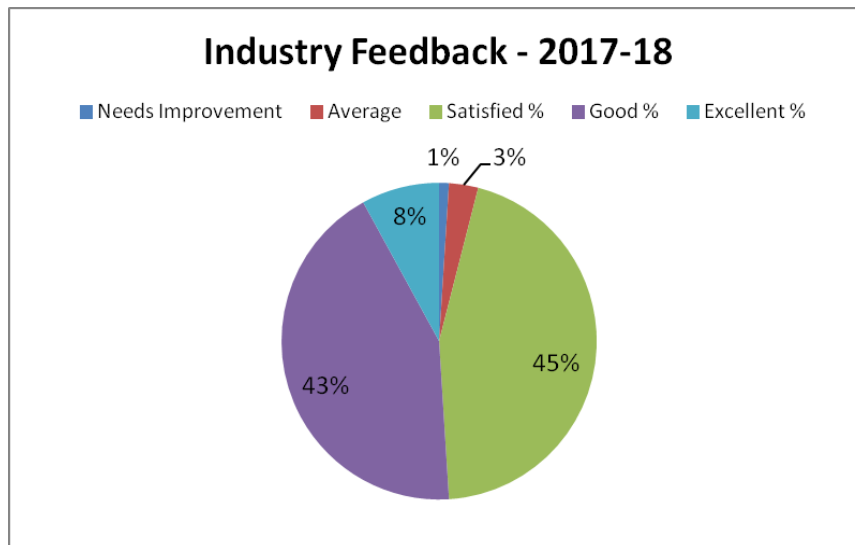
From the feedback analysis of the students, it is clear that majority of the students are having good opinion curriculum followed by the department and had given the suggestions to incorporate the latest programming tools for web application development and mobile application development.

Faculty Feedback:



Based on the feedback analysis, the teachers were satisfied with the curriculum and it helps the students in different aspects of the teaching learning process.

Industry Feedback:



Always Industry feedback is significant for the development of an career oriented curriculum. From the feedback analysis it is noticed that, the majority of the recruiters satisfied with the existing curriculum and suggested the technologies to be incorporated to enhance the skill sets of the students to become employable.

In the Academic Year 2017-18, the analysis of the responses shows that the majority of the students rated the curriculum is good. Most of the students were satisfied with the different aspects of the curriculum including the Tool based electives, full CIA mode of Practical sessions and new electives offered in the latest trends of IT. Some students expressed their views on the research inclusive curriculum. All the faculty members rated the curriculum structure above the satisfactory level and few faculties suggested the revision of the courses they handled. Based on the analysis of the feedback submitted by the Alumni and Industry experts, the curriculum would ensures the skill sets required for the higher studies and employment. Also, few of the industry experts indicated that, the significance of including case based learning approach in understanding the concepts.

Suggestions Provided by the Stakeholders:

Some students were suggested to include new tools to be used for the research. Also, few students suggested that to have the Mobile Application development as a core courses as there are lot of opportunity for employment and project development. The Alumni and Industry experts suggested incorporating a course on Block Chain architecture. Some of the faculty members suggested their course for the revision and proposed new elective courses to be introduced.

Action taken report based on the feedback for AY 2017-18

Based on the feedback analysis for the academic year 2017-18, the suggestions received from the stakeholders including Students, Faculty, Alumni and Industry, the following changing have been proposed and discussed in the Board of Studies meeting for the inclusion of new core / elective courses and evaluation system.

The following core and new elective courses have been revised with incorporation of practical components along with theory for the PG (MCA, MSc (CS), MSc (DS) and MSc (CSA)) Programmes from the AY 18-19.

The following courses have been revised to incorporate the suggested changes in the PG and UG Programmes.

MCA132 – Web Technologies
MCA152 – Web Technologies Lab
MCA135 – Human Resource Management
MCS232 – Mobile Application
MCS243E – Python Programming
MCS241B – Software Defined Networks
CSC542B – Python programming
CSC552B – Python Programming Lab
CSC641D –UI/UX Design
BCA433 - Design and Analysis of Algorithms
BCA332 – Financial Accounting

The following new courses were incorporated in to the curriculum.

MCS341B – Block chain architecture and application
MCSA132 – Digital Logic and Computer organization
MCSA231 – Data Structure and Algorithms
CSC541A – Data Analytics
CSC541B – Internet of Things
MCS242D – Compiler Design
MCS242G – Data Analytics
MCS243C – Network Simulation using NS3

