Action Taken Report on Feedback of Stakeholders

Session (2018-19)

Program Name: Bachelor of Technology in Computer Science and Engineering

Registrar
Quantum University

Department of Computer Science and Engineering
Faculty of Technology
Quantum University, Roorkee

Action Taken Report of the Department

(*On the basis of the suggestions made by the IQAC and Super Specialty Groups of the Departments on the Feedback of all stakeholder*)

Action TakenReport **Department Name: Department of Computer Science & Engineering**		
Feedback Session: 2018-19		
Curriculum Design		
Code	**Recommendation by Super Specialty Groups of the Department**	**Action taken during design of Syllabus for 2019-2023**
PH3101	**R-1** Some topics of Unit-V is not relevant & should not be taught in Foundation course because understanding level of students is low.	Topics removed as per recommendation.
EG3102	**R-3** Course coverage is difficult due topace of learning of students; Some topics of Unit-IV should be removed.	Some unrelated topics from Unit-IV removed as per recommendation.
CS3101	**R-1** Some placement-oriented topics such as structures, pointer with array, file handing missing in Syllabus	Topics have been added in Unit-IV & Unit-V as per recommendation.
CS3201	**R-4** Some topics of this course already taught in first semester. Some advance c programming topics must be incorporated in place of these topics.	As per the recommendation some new topics like dangling pointer, function pointer have been introduced in syllabus.
CS3240	**R-6** Experiments have not arranged in proper order of this course (based on theory syllabus).	As per the recommendation, Experiment have been arranged in proper order.

Other Teaching Learning Aspects		
Overall Teaching Learning Process	**R-2** A minimum of two or three online training courses must be taken by students. For all students, registering on the online coding platform is required. More programme electives should be offered, depending on current trends and technological advancements. Hands-on workshops should be used to increase coding skills. A project show ought to be held to motivate students to complete more ambitious projects.	Students will be introduced to MOOC courses that can be completed online. The addition of programme electives will be based on the latest trends and technological developments. For the benefit of the students, coding workshops will be held.
Peer Group Learning	**R-5** Student groups can be created. Weaker students might be thought of	Students will be divided into categories of fast and slow learners

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	as slowlearners, whereas brighter students can be thought of as advanced learners. The students can then be handled according to their degree of knowledge.	based on the percentage of their marks. Research-focused exercises will be assigned to quick learners. Additional classes with handwritten notes and video lectures will be organised for slow learners.
Workshops on Computer Hardware	**R-5** Seminars and workshops should be necessary for computer science students to have a thorough understanding of computer hardware.	A workshop on maintaining computer hardware will be held.
Communication Skills	**R-7** Seminars on group discussion and resume building should be held. Every faculty-led course requires students to present on a variety of topics.	There will be organised events like lectures on group discussion resume building. Students will have a faculty mentor assigned to them for support.
Training for Placements	**R-7** Technical Skills training sessions should be scheduled for two or three weeks. Organization of industrial seminars and workshops is necessary. The training placement officer should be scheduled for a meeting.	Sessions for technical skill training should be planned for two to three weeks the planning of industry seminars Entrepreneurship camps and placement training exercises should begin to be planned.

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Action Taken Report on Feedback of Stakeholders

Session (2018-19)

Program Name: Master of Technology in Computer Science and Engineering

Registrar
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Department of Computer Science and Engineering
Faculty of Technology
Quantum University, Roorkee

Action Taken Report of the Department

(*On the basis of the suggestions made by the IQAC and Super Specialty Groups of the Departments on the Feedback of all stakeholder*)

Action TakenReport **Department Name: Department of Computer Science & Engineering**		
Feedback Session: 2018-19		
Curriculum Design		
Code	**Recommendation by Super Specialty Groups of the Department**	**Action taken during design of Syllabus for 2019-2021**
CS4106	**R-1:** Some topics of Unit-1 is not relevant & these topics already learned by the students while graduation, so no need to be repeated. Because these are the masters' students.	Topics removed as per recommendation.
CS4108	**R-1**: Course coverage is difficult due topace of learning of students; Some topics of Unit-3 and unit- 5 should be removed.	Some unrelated topics from Unit-3 and Unit-4 removed as per recommendation.
CS4107	**R-1:** Some placement-oriented topics such as Binary Tree, AVL Tree, Hash based structure and generic linked list, memory efficient doubly linked list, XOR linked list missing in Syllabus	Topics have been added in Unit-2 & Unit-5 as per recommendation.
CS4210	**R-1**: Some new topics should be introduced based on research & innovation in Theory of computation field because lot of research have been published in this subject as in cryptography, NLP, Quantum calculation.	Some new topics introduced in Unit-V as per recommendation.

Other Teaching Learning Aspects		
Overall Teaching Learning Process  	R-3: A minimum of two or three online training courses must be taken by students. For all students, registering on the online coding platform is required. More programme electives should be offered, depending on current trends and technological advancements. Hands-on workshops should be used to increase coding skills. Students ought to compete in events at the national level.	The concept of online MOOC courses will be taught to the students. Program electives will be added based on current trends and technical advancements. There will be coding seminars for the students benefit.A project show ought to be held to motivate students to complete more ambitious projects.

Peer Group Learning	**R-2:** Groups of students may be formed. While smarter kids can be considered advanced learners, weaker students may be thought of as slow learners. The students can then be managed based on their level of education.	Depending on the percentage of their grades, students will be grouped into quick and slow learners. Exercises that emphasise research will be given to rapid learners. For slow learners, additional classes with handwritten notes and video lectures will be set up.
Involvement with coding clubs	**R-5:** Students should be made aware of software clubs to encourage them to join clubs like Codex and Google Development Club to advance their coding abilities.	Through seminars and workshops, students will learn about software clubs like Codex and the Google Development Club. Interested students can join these clubs.
Conference Exposure	**R-3:** Conference exposure to be given to students allowing them to join national as well as international conferences. Student will receive direction and inspiration for writing research paper.	Conferences will be introduced to students so they can join and display their research work. Students will receive guidance from faculty members for writing research papers.
Training for Placements	**R-5**: Two or three-weeks training programs should be organised on Technical Skills.Industrial Seminars & Workshops should be organised. Meeting with Training placement officer should be organised.	Sessions for technical skill training should be planned for two to three weeks the planning of industry seminars Entrepreneurship camps and placement training exercises should begin to be planned.
Evaluation System	**R-4:** Transparency in evaluation system may encourage students to perform better in final exams	Teachers will be displaying evaluated mid sessional answer sheets to students and will motivate them for better performance in final exams

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