

Action Taken Report on Feedback of Stakeholders

Session (2020-21)

Program Name: Bachelor of Computer Applications (B.C.A)



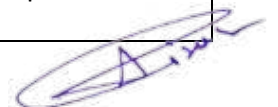
Department of Computer Application
Faculty of Technology
Quantum University, Roorkee


Registrar
Quantum University

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 Taken Report		
Department Name: Department of Computer Application		
Feedback Session: 2020-21		
Curriculum Design		
Code	Recommendation by Super Specialty Groups of the Department	Action taken during designing the syllabus of 2021-24
CA3102	R-1: Unit 1 and unit 2 can be merged. Graphs and Trees can be added as a unit.	Sets, Relation and Function are merged in unit 1. New unit of Graphs added as unit 2
CA3201	R-1: Some topics in unit 1 and unit 2 are very similar.	Revised the syllabus and updated unit 1 and unit 2 accordingly.
CA3202	R-1: The content in unit 2 is very lengthy.	Updated the syllabus and distributed the extra topics of unit 2 among other units.
CA3203	R-1: New topics can be incorporated in the last units.	Updated unit 4 and unit 5 and added some novice topics.
CA3302	R-1: The syllabus is lengthy. Count of lectures need to be increased.	Incremented the count of lectures by 5 hours.
CA3404	R-1: Some repeated topics in unit 2, unit 3 and unit 4.	Removed the similarity in the topics in new syllabus
CA3501	R-1: The syllabus content in unit 4 is very lengthy and more advanced according to the level of BCA course.	Removes certain complex topics from unit 4.
EE3503	R-1: The concept of operating system is not required in the last unit.	The unit 5 has been updated by replacing the topic of operating system with other more relevant topic.
CA3503	R-1: Syllabus in the last units is not at par with the industry requirements.	Updated the syllabus content in unit 3, unit4 and unit5.
CA3506	R-1: More detailed syllabus needs to be incorporated in 2 nd and 3 rd units.	Added some more relevant content to the syllabus in unit 2 and unit 3.
CA3507	R-1: Some concepts related to deadlocks with fungible resources may be added in the syllabus.	The topic of deadlock has been enriched with concepts of fungible resources.
CA3601	R-1: The syllabus is very lengthy.	Reviewed the syllabus and eliminated certain topics.
CA3605	R-1: To increase the understanding of the course, more topics can be added in unit 2 and unit 3.	Updated the unit 2 and unit 3 with inclusion of certain new topics related to App Development.

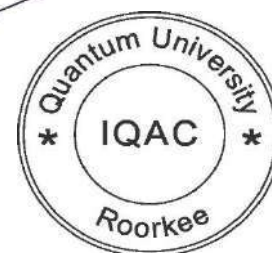


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Other Teaching Learning Aspects		
Overall Teaching Learning Process	R-3: MOOC courses must be introduced in the semesters. QLRC can be utilized in more significant way. Kind of assessments to be given to the students in online mode during COVID-19.	Mooc courses have been incorporated in various semesters. Also, learning material including hand written notes, lecture videos, links of relatable content on web etc. are uploaded in QLRC.
Peer Group Learning	R-4: During examination quality of question needs to be checked, concept of open book system introduced during COVID-19.	The Super Specialty Group (SSG) will ensure that the questions selected by the faculty for the Open Book Assignment are of a high caliber.
IT Enabled Literacy	R-5: Students must be made to experience an environment of IT industry as much as possible.	Internships have been made mandatory across various semester. The students have to pursue some training in terms of any novice technology.
Communication Skills	R-2: Students must be made to deliver more and more presentations.	Flip-classes, Internship presentations etc. are various modules in practice that serve platforms to deliver more and more presentations.
Training for Placements	R-5: The requirement to set up online internships for students and preparing students for internships & online recruitment.	Students will be given the opportunity to complete an online internship, and training sessions for online hiring will be offered.
Orientation System	R-6: Newly admitted students need to be familiarizing with the faculties, campus ambience, infrastructure and the details of academia, for instance, advance semester planning with the help of senior students.	Implemented
Extra curriculum Activities	R-7: Extra curriculum activities encourage students to development skills and build up their confidence so SSG group recommended mandatory involvement of students at intra departmental & intra university level activities, Outreach activities, co curricular Passion programs etc	For enhancing skills of students inter disciplinary elective has been offered to students. Students are encouraged to participate in Outreach activities, university level events etc

Deepak Singhal
Faculty Incharge,
University Feedback System

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Quantum University



Karan Babbar
Coordinator, IQAC

Action Taken Report on Feedback of Stakeholders

Session (2020-21)

Program Name: Master of Computer Applications (M.C.A)



Department of Computer Application
Faculty of Technology
Quantum University, Roorkee

A blue ink signature of the Registrar, Quantum University, written over a circular stamp.

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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 Taken Report		
Department Name: Department of Computer Application		
Feedback Session: 2020-21		
Curriculum Design		
Code	R-1: Recommendation by Super Specialty Groups of the Department	Action taken during designing the syllabus of 2021-23
CA4101	Some topics are almost common between unit 1 and unit 2.	Removed the similar topics in the units 1 and 2.
CA4104	Some more topics meeting the industry demands can be incorporated in last two units.	Incorporated some industry-oriented topics in the syllabus.
CA4201	The syllabus is very lengthy in 3 rd unit.	Reviewed the syllabus and eliminated certain topics.
CA4203	The syllabus can be more detailed in first two units.	Added some fundamental topics in the first unit.
CA4207	There is a scope of some more topics to be added in the last units.	Updated unit 4 and unit 5 and added some novice topics.
CA4301	The syllabus is detailed. Count of lectures need to be updated.	Distributed 4 hours extra among the units in the syllabus.
CA4305	Some fundamentals of computer network and OSI security architecture can be added in the introduction.	Updated unit 1 with the fundamentals of network and OSI architecture.
CA4307	The content in unit 5 is not detailed. It can be expanded.	Updated as per the feedback.
CA4401	New approaches/ case studies related to testing can be incorporated to make the syllabus more adequate.	Updated the syllabus by adding studies based on open source test tools.
CA4404	The syllabus is lengthy. Count of lectures need to be increased.	Incremented the count of lectures by 5 hours.
CA4503	To increase the understanding of the basics of deep learning, more topics can be incorporated in the first two units.	Added more topics in the units 1 and 2 to make it deliver more knowledge about the fundamentals.
CA4601	Concepts of Mathematics – Vectors and Factors, to be added in unit 1.	Enriched the content of unit 1 by adding mathematical concepts related to vector, vector operations and factors.


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Other Teaching Learning Aspects		
Overall Teaching Learning Process	R-3: Some online courses can be given to students in order to let them fetch benefits from the relevant and related content on web. Some learning material including notes or video lectures can be provided.	Mooc courses have been designed that the students will complete through online learning. Also, learning material including hand written notes, lecture videos, links of relatable content on web etc. are uploaded in QLRC.
Peer Group Learning	R-2: Bright and weak students in the classes can be categorized into groups of advanced and slow learners. These groups of students can be imparted knowledge according to their levels of learning. R-10: Conducting classes based on Brainstorming sessions in group, creating case-studies and other assignments/projects in group.	Having the percentage to be the criteria, the students are grouped into categories of Fast and Slow learners, where the fast learners are made to be involved in research-oriented activities, while the slow learners are given more attention through revision classes, counseling and sharing of hand written notes.
Workshops and Seminars	R-6: Students must be made to experience an environment of IT industry as much as possible.	Internships have been made mandatory across various semester. The students have to pursue some training in terms of any novice technology.
Skill Development	R-9: Skill Development is necessary for students, steps to be taken to enhance their coding skills.	Skill Development courses will be introduced to students mentor will be assign to them to keep track of their progress reports.
Training for Placements	R-6: Activities must be practiced that can groom the students in terms of their personality development and skill-enhancement for making them employable	VACs are introduced to incorporate career-oriented, market-oriented, skill-enhancing features in the academic composition that help students stand out of ordinary among the rest in terms of employment. It ensures the holistic development in their personality that further helps them fetch maximum benefit during placement drives.
Classroom Activities	R-4: Short caselets should be discussed during the lecture possibly for every broad topic. R-8: Teachers should involve students into more research based field projects	Faculties noted and started working on it from the existing semesters only. Preplanned A-2 Assignment in form of research paper/ field study will be assigned to students towards achievement of their course objectives
Effective Evaluation System	R-5: During examination the quality of question needs to be checked via SSGs. To arrest tendency of copying of answers by students during online tests/exams, it was advised to give application based questions	Implemented by SSG quality review of Question bank Implemented via Online tests and quizzes


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	based on topics discussed in online classes. This will also be helpful in improvement of their attendance	
Orientation Program	R-7: Students of new batch and senior batched should be sensitized for maintain discipline in campus. Mentor need to counsel students for selection of Open elective or minor program considering their understanding level and employment opportunities in their related areas.	Well structures one day orientation program has been conducted for fresher's and senior students separately.

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