

# Action Taken Report on Feedback of Stakeholders

Session (2023-24)

**Program Name: Bachelor of Technology in Computer Science and  
Engineering**



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 Taken Report   |   |  |
|---|---|--|
| Department Name: Department of Computer Science & Engineering |   |  |
| Feedback Session: 2023-24                                     |   |  |
| Curriculum Design   |   |  |
| Code  | Recommendation by Super Specialty Groups of the Department  | Action taken during design of Syllabus for 2024-2028                                 |
| CS31101   | <b>R-4:</b> Syllabus of this subject is not properly arranged.  | As per the recommendation given by SSG, Syllabus of all unit has been updated        |
| CS32105   | <b>R-4:</b> Two subjects "HTML & CSS" and "Web and Digital Analytics" being taught in B.Tech 1st year which have some common topics in 3 units.   | As per the recommendation given by SSG, Syllabus of all unit has been updated        |
| CS32106   | <b>R-4:</b> Two subjects "HTML & CSS" and "Web and Digital Analytics" being taught in B.Tech 1st year which have some common topics in 3 units.   | As per the recommendation given by SSG, Syllabus of all unit has been updated        |
| CS32107   | <b>R-4:</b> Syllabus of this subject is not properly arranged.  | As per the recommendation given by SSG, Syllabus of II, IV & V unit has been updated |
| CS33201   | <b>R-4:</b> Industry Expert & SSG has recommend that following topics- Segment Tree, Tree Map, Binary Indexed Tree, Tries, Union Find, Suffix arrays and suffix trees , skip lists should be added in unit-V  | As per the recommendation given by SSG, Topics has been added in Unit-V              |
| CS33204   | <b>R-4:</b> Industry Expert and SSG has recommend that following topics- Introduction to UML diagrams , SQL optimization techniques, NoSQL databases , distributed transaction management, consistent databases, and modern concurrency control mechanisms in distributed systems, Cloud databases (AWS | As per the recommendation given by SSG, Topics has been added in the syllabus.       |



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|         | RDS, Azure SQL, Google Cloud Spanner), Big Data technologies (Hadoop, Spark), DataWarehousing solutions (Snowflake, Redshift) should be added in the syllabus   |   |
| CS34211 | <b>R-4:</b> SSG has recommend that following topics-4G / LTE Networks (LTE-M, LTE-A, LTE-A+), Network Function Virtualization (NFV), Attainment of QoS, Network Administration and Control should be added in Unit-V                  | As per the recommendation given by SSG, Topics has been added in Unit-V       |
| CS35301 | <b>R-4:</b> Academic expert and SSG has recommend that following topics-Containerization (Docker) and virtualization (VMware, Hyper-V) should be added in Unit-V  | As per the recommendation given by SSG, Topics has been added in Unit-V       |
| CS35302 | <b>R-4:</b> Academic expert and SSG has recommend that following topics- Benefits of Blockchain in Web Development, Benefits of Edge Computing in Web Development, Benefits of Dark Mode in Web Development should be added in Unit-V | As per the recommendation given by SSG, Topics has been added in Unit-V       |
| CS3502  | <b>R-4:</b> The course content must be updated as per the new trends as per suggestions given by SSG Group  | Syllabus of this subject have been updated as per the suggestion given by SSG |

| Other Teaching Learning Aspects                        |  |   |
|--|--|---|
| <b>Workshops On Coding &amp; Certification Courses</b> | <b>R-9:</b> Practical knowledge is key for success for computer science students as per suggestions given in alumni feedback | Sessions on Online coding platforms will be planned.  |
| <b>Placement Training for Problem Solving</b>          | <b>R-5:</b> Problem solving ability in students is mandatory to get a good job as per the feedback given by industry expert. | Sessions on Problem solving questions will be planned. Students will able to learn how to work on unknown problems. |
| <b>Online Teaching Platforms</b>                       | <b>R-1:</b> SSG recommend that in mooc courses, students registration should be done on time on government                   | Mooc courses platform has been selected in advance for students, Students registration will be done on              |





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|  | recognized institute, proper monitoring is required.  | the first day of teaching.  |
| <b>Overall Teaching Learning Process</b> | <b>R-2:</b> Online quiz should be planned to enhance the reading & problem solving skills of students in subject codes like SE31162, VP3301   | Online Quiz has been planned from the coming semester.  |
| <b>Orientation Program</b>               | <b>R-3:</b> Detailed orientation program for new and senior students should be conducted for giving them information about semester related details. Mentors should encourage students to choose minor/ OE after due discussion with them | Orientation program has been scheduled for students to give information to students regarding curriculum of program, mentor mentee scheme, attendance criteria etc. |
| <b>IT Enabled Literacy</b>               | <b>R-6:</b> Need of practical exposure of hardware structure of computer system.  | Workshop on Internet of Things (IoT) has been planned for students in coming semester.  |
| <b>Communication Skill</b>               | <b>R-7:</b> Concentrate on student skill development and international certification  | Sessions on soft skills training has been planned for students & certification courses will be planned for soft skill improvement.                                  |
| <b>Guest Lectures</b>                    | <b>R-8:</b> Special Guest lecturers need to be conducted for sensitizing students about human values and ethics, gender equality etc  | Guest lectures will be planned.   |

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# Action Taken Report on Feedback of Stakeholders

Session (2023-24)

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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 Taken Report   |  |   |
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| Department Name: Department of Computer Science & Engineering |  |   |
| Feedback Session: 2023-24                                     |  |   |
| Curriculum Design   |  |   |
| Code  | Recommendation by Super Specialty Groups of the Department | Action taken during design of Syllabus for 2023-2025  |
| CS41102   | R-1: Some latest topics should be added in syllabus        | Topics like Approximation algorithms using linear programming, randomization, and specialized techniques have been added in Unit-2. |
| CS42106   | R-1: Some latest topics should be added in syllabus        | Topics like Database security and integrity, Temporal; spatial and high dimensional databases have been added in Unit-5.            |

| Other Teaching Learning Aspects   |   |   |
|-----------------------------------|---|---|
| Workshops On Coding               | R-3: Practical knowledge is key for success for computer science students as per suggestions given in alumni feedback | Sessions on Online coding platforms will be planned.  |
| Conference Exposure               | R-4: Conferences organised at quantum university and other universities will be open to students to attend.           | Students will be welcome to participate in conferences held at quantum university and other universities. |
| Overall Teaching Learning Process | R-2: Through exercises like problem solving assignments, flip topics presentations & Mini projects                    | Mini projects have been planned.  |

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