Quantum University, Roorkee

6.5.2	Institution has adopted the following for Quality assurance: 1. Academic and Administrative Audit (AAA) and follow up action taken 2.Conferences, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc 6.Any other quality audit recognized by state, national or international agencies

SAMPLE ACADEMIC AUDIT REPORT

Academic Year 2020-21

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Registrar
Quantum University

Academic Audit Report

Session: 2020-21

Department of Computer Sciences and Engineering

Quantum School of Technology

Quantum University, Roorkee

QUANTUM UNIVERSITY, ROORKEE

Academic Audit Report

(Filled in Performa to be submitted to the committee in both soft and hard copy)

Session	:	**2020-21**
School	:	**Quantum School of Technology**
Name of the Department	:	**Department of Computer Science & Engineering**
Name of Programs (*Offered*)	:	**Bachelor of Technology in Computer Science & Engineering**
Date of Audit	:	**08/08/2020**

S. No.	Audit Criteria	Self-Appraisal of Department	Auditor's Rating(4)	Auditor's Recommendations
A. Curriculum and Teaching Learning Process				
1	Number of course files audit	16	3	Improve course files audit rate
2	Percentage of courses where lesson plan was created, approved and uploaded on ERP	93%	3.4	Satisfactory
3	Number of courses in which the lectures are conducted as per Lesson Plan	85%	3	Make sure pre designed lesson plan follows
4	Percentage of Lectures (in all courses) with ICT Tools	80% (online mode)	3	Practice ICT engage new technologies in classroom teaching
5	Percentage of Lecture which demonstrated experiential , participative and problem solving strategies	70%	2.9	Percentage of experiential participative strategies should be monitored
6	Percentage of courses where CO-PO mapping is on ERP	100%	4	Satisfactory
7	Percentage of Course where teaching material is uploaded on QLRC/QMS before the commencement of classes	68%	2.7	Review and increase percentage of uploading material
8	Percentage of courses whose question- banks were evaluated and moderated by sub specialty Group	100%	4	Adequate criteria

Academic Audit Report

Registrar
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HEAD OF DEPARTMENT
Dept. of Computer Science & Engineering
Quantum University, Roorkee

S. No.	Audit Criteria	Self-Appraisal of Department	Auditor's Rating(4)	Auditor's Recommendations
9	Percentage of courses in which 'Assignment-1' is mapped with CO-Outcome and Bloom's Taxonomy	77%	3	Satisfactory
10	Percentage of courses in which 'Assignment-2' is mapped with Experiential/Participative Learning/ Problem Solving and assessed by the Sub Specialty Group	58%	2.6	Monitor and increase percentage of courses
11	Percentage of courses in which Quizzes are mapped with CO-Outcome and Bloom's Taxonomy and assessed by Sub Specialty Groups	74%	2.9	All quiz oriented courses mapped with co- outcome
12	Quality of ESE Question Papers as per mapping and Bloom's Taxonomy, , Please rate on a scale of 0-4	2.8	2	Quality of ESE QP as per mapping BL Level
13	Quality of projects assigned to students in the beginning of semester , Please rate on a scale of 0-4	3.4	2	Satisfactory
14	Percentage of courses where all listed practical were conducted as per time table	95%	3.9	Satisfactory
15	Quality of Lab Manuals and Procedures , Please rate on a scale of 0-4	2.8	2	Improve quality of manuals
16	How many VACs were conducted/planned in the session	3	4	sufficient
17	Performance of teachers in uploading course material on QLRC, , Please rate on a scale of 0-4	3	3.5	Guidance should be there
18	Activities planned / executed as per policy of slow and fast Learners , Please rate on a scale of 0-4	3.5	3	Satisfactory
19	Students' and teachers' feedback analyzed and ATR prepared	100%	4	Satisfactory

B:Evaluation Process

Academic Audit Report

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HEAD OF DEPARTMENT
Dept. of Computer Science & Engineering
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S. No.	Audit Criteria	Self-Appraisal of Department	Auditor's Rating(4)	Auditor's Recommendations
20	Quality of evaluation in Assignments and Mid Semester Examination , Please rate on a scale of 0-4	3.5	3	Satisfactory
21	Quality of Projects submitted by the students , Please rate on a scale of 0-4	2.5	3	More research based
22	Quality of Assessment of the Projects (*adhering the university policy*) , Please rate on a scale of 0-4	2.6	2.5	Satisfactory
23	Quality of Lab Projects and Reports , Please rate on a scale of 0-4	3.5	3	Satisfactory
24	Percentage of the courses where pass percent is below 70 %	29%	3	Increase criteria for practical subjects
C: Co-Curricular Activities				
25	Percentage of activities not conducted as per **Event Calendar** of the Department	8%	3.5	All planned activities should be executed
26	Percentage of Event Calendar activities reported to Press Club/ ERP	93%	3.9	Satisfactory
27	Activities planned / executed as per policy of Career Counseling , Please rate on a scale of 0-4	3.3	3	Satisfactory
D:Student Support				
28	Activities planned/executed as per Mentor Mentee Policy , Please rate on a scale of 0-4	2.9	2	All meetings should be executed to meet requirement
29	Appointment of CRs (Y/N)	Y	4	Appoint at least 2 per class
30	Frequency of interactions of CRs with Director/Vice Chancellor	100%	4	It is imperative that this activity occurs periodically
31	Student's orientation before the beginning of Classes	100%	4	Satisfactory

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Dept. of Computer Science & Engineering
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S. No.	Audit Criteria	Self-Appraisal of Department	Auditor's Rating(4)	Auditor's Recommendations
	E: Governance and Best Practices			
32	**Strength of the Department** ✓ Strong leadership guides the department in adhering to best practices. ✓ A culture of research and innovation encourages exploration of cutting-edge technologies. ✓ Collaborations with industry and academia expand the department's impact. ✓ Community engagement fosters knowledge exchange and networking. ✓ Ethical governance reinforces the department's integrity and reputation.			
33	**Weakness of the Department** ✓ Research culture needs to be developed as it could benefit from greater interdisciplinary collaboration.			
34	**New Initiatives taken by the Department** ✓ Introduction of interdisciplinary research forums to encourage collaboration. ✓ Establishment of industry advisory boards to foster stronger industry partnerships. ✓ Launch of community engagement events to promote knowledge exchange. ✓ Development of an alumni network for networking and mentorship.			
35	Planning for the next semester attached (Y/N)	Yes	Yes	Yes

Recommendations :

✓ Recommend establishing a clear leadership succession plan to ensure stability in governance.
✓ Advise conducting regular compliance audits to ensure consistent adherence to regulations.
✓ Suggest implementing periodic operational reviews to improve departmental efficiency.
✓ Advise optimizing resource allocation to align with departmental priorities.
✓ Recommend strengthening ethics training to ensure adherence to governance practices.
✓ Enable sustainable practices in engineering field.
✓ One to one career counseling should be practiced to benefit all students irrespective of their Classroom performance.

(Signature of the HOD with seal)
Date)

HEAD OF DEPARTMENT
Dept. of Computer Applications
Quantum University, Roorkee

Academic Audit Report

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Quantum University

(Signature of Auditor with Name &
Dr. Kuldeep Yadav
2. Dr. Tanupriya Choudhury
3. Mr. Satender Kumar

QUANTUM UNIVERSITY, ROORKEE

Quantum School of Technology

Department of Computer Science & Engineering

Session: 2020-21

ACADEMIC & ADMINISTRATIVE AUDIT

Action Taken
Report

Introduction

The organization conducted out an Academic and Administrative Audit in 2020-21 that consists of the academic, administrative and student-focused activities of the University. The following activities were taken into consideration and meticulously executed to improve the institution's quality.

Sl. No.	Suggestions	Action Taken
1.	Promote collaborations with industry and academia	The department attempts to promote Joint Research Projects, Internship Programs, Guest Lecturers and Speakers, Collaborative Workshops and Conferences.
2.	Integrate sustainable practices in technology	The department constantly promotes energy efficiency, green data centers, eco friendly hardware and many more to promote sustainable practices in technology
3.	Foster Interdisciplinary Approach of Education	The university promotes interdisciplinary studies that allow students to explore diverse perspectives and integrate knowledge from various fields.
4.	Focus more on Integrating practical application with	The department has already initiated to collaborate with industry partners to offer internships, Coding Bootcamps, Hackathons and

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	theoretical knowledge	Competitions Guest Lecturers and Industry Experts.
5	More engagement of contemporary technologies for students	The university provides a platform of Startup Incubators and Accelerators, Mentorship Programs, Hackathons and Competitions
6	Encourage research oriented projects and innovations	Research oriented projects are initiated in the department to contribute to advancement in technological knowledge and innovation.
7	Strengthen career counseling policy	Career counseling department are well set up that assists students in finding internships and opportunities
8	Focus on practical projects that have advance technology	The department strongly assigns projects that are related to emerging tech and trends and scope-oriented.

Conclusion

Based on the recommendations made by the AAA team, all the necessary steps have been taken in order to improve the institution's quality.

Signature

Dr. Kuldeep Yadav
CSE Faculty, Gov. Polytechnic, Saharanpur

Dr. Tanupriya Choudhry.
Associate Prof, CSE Deptt.
UPES, Dehradun

Mr. Satender Kumar, Sr Assistant Prof.
CSE Deptt., Quantum University Roorkee,

Academic Audit Report

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Dept. of Computer Science & Engineering
Quantum University, Roorkee

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Academic Audit Report

Session: 2020-21

Department of Paramedical Science

Quantum School of Health Science

Quantum University, Roorkee

QUANTUM UNIVERSITY, ROORKEE
Format for Academic Audit
(Filled in Performa to be submitted to the committee in both soft and hard copy)

Session: 2020-21

School: Quantum School of Health Sciences

Name of the Department: Department of Paramedical Sciences

Name of Programs (*Offered*): Bachelor of Medical Radio Diagnosis And Imaging Technology

Date of Audit: 08/08/2020

S.No.	Audit Criteria	Self-Appraisal of Department	Auditor's Rating	Auditor's Recommendations
A.	Curriculum and Teaching Learning Process			
1	Number of course files audited	17	4	Satisfactory
2	Percentage of courses where lesson plan was created, approved and uploaded on ERP	100%	4	Satisfactory
3	Number of courses in which the lectures are conducted as per Lesson Plan	90%	3.5	Inquire if the faculty is facing any challenges or needs support
4	Percentage of Lectures (in all courses)with ICT Tools	80%	3	Promote use of LMS platforms
5	Percentage of Lecture which demonstrated experiential , participative and problem solving strategies	75%	3	More hands on experience should be carried out using demonstrations, case studies or real world examples
6	Percentage of courses where CO-PO mapping is on ERP	85%	3.5	Co-Po regular check- in must be done to address courses
7	Percentage of Course where teaching material is uploaded on QLRC/QMS before the commencement of classes	70%	3	Participative learning should encourage active engagement and participation from students.

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8	Percentage of courses whose question- banks were evaluated and moderated by sub specialty Group	100%	4	Satisfactory achievement
9	Percentage of courses in which 'Assignment-1' is mapped with CO-Outcome and Bloom's Taxonomy	80%	3.5	Assignment – 1 must contain contractual and the practical questions to assess student performance
10	Percentage of courses in which 'Assignment-2' is mapped with Experiential/Participative Learning/ Problem Solving and assessed by the Sub Specialty Group	65%	3	Assignment must have different difficulty levels of questions including practical and exploratory question. Questions reviews is required
11	Percentage of courses in which Quizzes are mapped with CO-Outcome and Bloom's Taxonomy and assessed by Sub Specialty Groups	95%	3.7	Satisfactory
12	Quality of ESE Question Papers as per mapping and Bloom's Taxonomy, , Please rate on a scale of 0-4	2.5	3	Design questions that reflect real world situation or problem relevant to the courses
13	Quality of projects assigned to students in the beginning of semester , Please rate on a scale of 0-4	3	3	Innovative and interactive project coinciding with future technologies should be promote
14	Percentage of courses where all listed practical were conducted as per time table	85%	4	Satisfactory
15	Quality of Lab Manuals and Procedures , Please rate on a scale of 0-4	3.5	3	Ensure a well – organized informative learning experience in labs
16	How many VACs were conducted/planned in the session	2	3	A number of VACs are sufficient.
17	Performance of teachers in uploading course material on QLRC, , Please rate on a scale of 0-4	3.2	3	Continuous monitoring may be done. approachable for students time to time
18	Activities planned / executed as per policy of slow and fast Learners , Please rate on a scale of 0-4	3	3	Participative strategies should be planned time to time.
19	Students' and teachers' feedback analyzed and ATR prepared	100%	4	Satisfactory achievement

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Dept. of Pharmacy
Quantum University, Roorkee

B: Evaluation Process

20	Quality of evaluation in Assignments and Mid Semester Examination , Please rate on a scale of 0-4	3.2	3	The framework should be defined for improving teaching & learning strategies.
21	Quality of Projects submitted by the students , Please rate on a scale of 0-4	3	3	Difficulty level must be raised
22	Quality of Assessment of the Projects (*adhering the university policy*) , Please rate on a scale of 0-4	3	3	Project assessment must be done by external member (IITs) Govt. institute
23	Quality of Lab Projects and Reports , Please rate on a scale of 0-4	3.5	3	The lab project and report should incorporate various assert of projects such as creativity and problem solving
24	Percentage of the courses where pass percent is below 70 %	15%	3	Proper motivation and challenges must be introduced

C: Co-Curricular Activities

25	Percentage of activities not conducted as per **Event Calendar** of the Department	20%	3	Revise calendar to accommodate changes
26	Percentage of Event Calendar activities reported to Press Club/ ERP	80%	3	Reported well.
27	Activities planned / executed as per policy of Career Counseling , Please rate on a scale of 0-4	2.5	3	Satisfactory

D: Student Support

28	Activities planned / executed as per Mentor Mentee Policy , Please rate on a scale of 0-4	2.8	2	Reduce Mentor Mentee ratio. Proper follow ups
29	Appointment of CRs (Y/N)	Yes	4	Yes
30	Frequency of interactions of CRs with Director/Vice Chancellor	2	4	Meeting should be increased

Academic Audit

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31	Student's orientation before the beginning of Classes			Satisfactory
		100%	4	

F: Governance and Best Practices

Curriculum Alignment: Regularly review and update the curriculum to align with the latest advancements in radiologic technology and industry standards. Consult with professionals and experts in the field for input.

Clinical Training Opportunities: Strengthen partnerships with hospitals and healthcare facilities to provide students with ample clinical training opportunities. Real-world experience is invaluable in preparing students for their careers.

Integration of Technology: Incorporate modern imaging technology and software into the curriculum to give students hands-on experience with the tools they will use in their careers.

Interdisciplinary Education: Encourage interdisciplinary learning by collaborating with other healthcare departments (e.g., nursing, radiology) to simulate real healthcare environments and improve teamwork.

Faculty Development: Support ongoing faculty development through training and workshops to keep instructors updated on the latest teaching methods and industry trends.

Research and Innovation: Promote research initiatives within the department to encourage faculty and students to contribute to the field's knowledge and innovation.

Student Support Services: Establish support services, such as academic advising, mentoring programs, and career counseling, to help students excel academically and transition smoothly into their careers.

Simulation Labs: Invest in high-quality simulation labs with advanced equipment to allow students to practice their skills in a controlled environment.

Patient-Centered Care: Emphasize the importance of patient-centered care, communication, and ethics in the curriculum to produce well-rounded professionals.

Professional Development: Encourage students to join relevant professional associations and provide support for certification exams and continuing education.

Community Engagement: Engage with the local community by offering free or low-cost imaging services as a part of student training. This benefits both students and the community.

Assessment and Feedback: Implement robust assessment methods and gather feedback from students, alumni, and employers to continually improve the program.

32	**Strength of the Department:** 1. Graduates of the B.M.R.I.T. programme can choose from a variety of employment pathways. They may work for medical imaging equipment manufacturers as well as hospitals, clinics, diagnostic facilities, and research organisations. 2. The sector provides options for specialization in disciplines like nuclear medicine, ultra sonography , CT scans, and more. 3. Diagnostic and ongoing monitoring of a variety of medical diseases 4. depends heavily on medical imaging.

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	5. Graduates of the B.M.R.I.T. programme contribute to patient care by helping doctors make accurate diagnoses, enabling early disease identification, and tracking treatment success.	
33	**Weakness of Department:** 1. Lack of Clinical exposure due to highly expensive modalities.	
34	New Initiatives taken by the Department	
35	Planning for the next semester attached (Y/N)	Yes

Recommendations :

Modern imaging technology and software should be integrated into the curriculum to provide students with practical, hands-on experience using the tools they will use in their careers.

Partnerships with hospitals and healthcare facilities should be strengthened to offer students ample clinical training opportunities, enhancing their real-world experience.

Faculty development should be supported through training and workshops to keep instructors updated on the latest teaching methods and industry trends.

Emphasizing the importance of patient-centered care, communication, and ethics in the curriculum helps produce well-rounded professionals.

Engaging with the local community by offering free or low-cost imaging services as part of student training benefits both students and the community.

Robust assessment methods and feedback from students, alumni, and employers should be used to continually improve the program.

Fostering a diverse and inclusive learning environment that reflects the demographics of the healthcare workforce is essential.

Consider offering international exchange programs or global health experiences to expose students to different healthcare systems and cultures.

Ensure that the BMRIT program is accredited by relevant accrediting bodies to maintain high standards and credibility.

(Signature of the HOD with seal)

HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee

Registrar
Quantum University

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(Signature of Auditor with Name & Date)

1. Dr. Ravi Deval
Coordinator
Dept. of Paramedical Sciences)

2. Dr. Kshitij Agarwal
Hari College of Pharmacy.

3. Prof. (Dr.) Mayank Yadav
AMLPS, SU, Gangoh, SRE

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QUANTUM UNIVERSITY, ROORKEE

Quantum School of Health Sciences

Department of Paramedical Sciences

Session: 2021-22

ACADEMIC & ADMINISTRATIVE AUDIT

Action Taken
Report

Introduction

The organization conducted out an Academic and Administrative Audit in 2021-22 that consists of the academic, administrative and student-focused activities of the University. The following activities were taken into consideration and meticulously executed to improve the institution's quality.

Sl. No.	Suggestions	Action Taken
1.	Ensure accreditation standards and requirements in the field of paramedical sciences	The university maintains the pace of medical technology in order to meet accreditation standards and requirements in the field of paramedical sciences.
2.	Engage a diverse range of ICT tools	The institution keeps evolving the technological landscape for improving productivity and communication in the digital age.
3.	Encourage faculty to engage innovative teaching methods	Management organizes regular workshops, seminars and training sessions on innovative teaching techniques and technology
4.	Promote Inclusive and collaborative learning environment	The university incorporated inclusive teaching methods, such as group discussions and cooperative learning, to engage students and promote

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5	Introducing research oriented projects at the undergraduate level	Research initiatives at the UG level are introduced. Small research projects are encouraged for undergraduate students to undertake.
6	Foster Interdisciplinary Approach of Education	The university promotes interdisciplinary studies, allow students to explore diverse perspectives and integrate knowledge from various fields.
7	Provide research opportunities i.e., research papers and book writing under the supervision of faculty	Provide undergraduate students with research opportunities within the department. Faculty guidance and encouragement are offered for conducting additional research including writing research paper and book authoring.
8	Strengthen career counseling policy	Career counseling department are well set up that assists students in finding internships and opportunities.
9	More employability skill components tobe added in the Curriculum	Compulsory employability skill-based papers incorporated in the Curriculum.

Conclusion

Based on the recommendations made by the AAA team, all the necessary steps have been taken in order to improve the institution's quality.

Signature

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Dept. of Pharmacy
Quantum University, Roorkee

Academic Audit Report

Session: 2020-21

Department of Business Administration

Quantum School of Business

Quantum University, Roorkee

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Format for Academic Audit
(Filled in Performa to be submitted to the committee in both soft and hard copy)

Session: 2020-21

School: Quantum School of Business

Name of the Department: Department of Business Administration
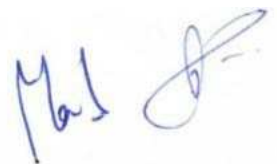
Name of Programs (*Offered*): Bachelor of Business Administration, Master of Business Administration

Date of Audit:

S. No.	Audit Criteria	Self Appraisal of Department	Auditor's Rating	Auditor's Recommendations
A. Curriculum and Teaching Learning Process				
1	Number of course files audited	25	3	Ensure that all the course files should be audited on time
2	Percentage of courses where lesson plan was created, approved and uploaded on ERP	100%	4	satisfactory

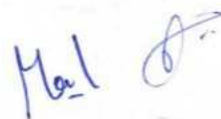|				
3	Number of courses in which the lectures are conducted as per Lesson Plan	85%	4	Synchronize lectures and lesson plans of all the remaining classes.
4	Percentage of Lectures (in all courses) with ICT Tools	100%	4	Satisfactory
5	Percentage of Lecture which demonstrated experiential , participative and problem solving strategies	70%	4	Lectures of all the courses must emphasis experiential, participatory &problem solving methodologies.
6	Percentage of courses where CO-PO mapping is on ERP	100%	4	Satisfactory

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Dept. of Business Administration
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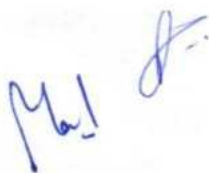| 7	Percentage of Course where teaching material is uploaded on QLRC/QMS before the commencement of classes	75%	4	All teaching material should be uploaded on QLRC before the commencement of classes
8	Percentage of courses whose question-banks were evaluated and moderated by sub specialty Group	100%	4	Satisfactory
9	Percentage of courses in which 'Assignment-1' is mapped with CO-Outcome and Bloom's Taxonomy	74%	4	Form a committee to review the quality of questions of assignment-1

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| 10 | Percentage of courses in which 'Assignment-2' is mapped with Experiential/Participative Learning/ Problem Solving and assessed by the Sub Specialty Group | 55% | 3 | Assignment -2 should be thoroughly assessed by sub specialty group |
| 11 | Percentage of courses in which Quizzes are mapped with CO-Outcome and Bloom's Taxonomy and assessed by Sub Specialty Groups | 70% | 3 | Quiz oriented courses must be mapped with co-outcome & bloom's taxonomy |

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12	Quality of ESE Question Papers as per mapping and Bloom's Taxonomy, , Please rate on a scale of 0-4	3.7	3	Question papers of ESE must be rigorously, mapped with bloom's taxonomy.
13	Quality of projects assigned to students in the beginning of semester , Please rate on a scale of 0-4	3.5	3	Satisfactory, assign the projects to the students at the beginning of the class
14	Percentage of courses where all listed practical were conducted as per time table	64%	3	The practical oriented courses must be conducted as per the scheduled time table.

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15	Quality of Lab Manuals and Procedures , Please rate on a scale of 0-4	2.5	2	The lab manuals and reports
16	How many VACs were conducted/planned in the session	2	Sufficient in number	A number of VACs are satisfactory.
17	Performance of teachers in uploading course material on QLRC, , Please rate on a scale of 0-4	2.6	2	Faculty members should be given extra time to upload the course material on QLRC
18	Activities planned / executed as per policy of slow and fast Learners , Please rate on a scale of 0-4	2.7	2	Inclusive teaching is the strength of the department put extra emphasis on slow learners.

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Dept. of Business Administration
Quantum University, Roorkee

19	Students' and teachers' feedback analyzed and ATR prepared	100%	4	Satisfactory
20	Quality of evaluation in Assignments and Mid Semester Examination , Please rate on a scale of 0-4	3	3	Evaluation of assignments and Mid sem exams is satisfactory but needs more improvement
21	Quality of Projects submitted by the students , Please rate on a scale of 0-4	2	2	Engage analytical and empirical research methodologies.

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22	Quality of Assessment of the Projects (*adhering the university policy*), Please rate on a scale of 0-4	3.5	3	Satisfactory
23	Quality of Lab Projects and Reports , Please rate on a scale of 0-4	2.3	2	Strengthen the alignment of lab projects with learning outcomes and connections between practical experiences and theoretical knowledge.
24	Percentage of the courses where pass percent is below 70 %	10%	2	Engage micro teaching for improvement.

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25	Percentage of activities not conducted as per **Event Calendar** of the Department	12%	2	Examine the required resources beforehand that are allocated as per the pre scheduled event calendar.
26	Percentage of Event Calendar activities reported to Press Club/ ERP	65%	3	Report all the event calendar activities departmental or central level to press club and or ERP.
27	Activities planned / executed as per policy of Career Counseling , Please rate on a scale of 0-4	2.7	2	Frequent and individual career counseling sessions should be conducted

D:Student Support

28	Activities planned / executed as per Mentor Mentee Policy , Please rate on a scale of 0-4	2.5	2	Needs improvement.

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Academic Audit

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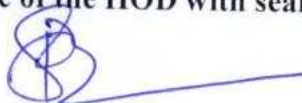Quantum University, Roorkee

29	Appointment of CRs (Y/N)	Yes	Yes	Satisfactory
30	Frequency of interactions of CRs with Director/Vice Chancellor	2	2	Maintain transparency and openness during interactions
31	Student's orientation before the beginning of Classes	100%	4	Satisfactory

E: Governance and Best Practices
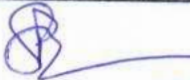
1. Strengthen the board's oversight of organizational activities, financial performance and risk management.
2. Continuously monitor and update internal control systems to mitigate risks and enhance operational efficiency.
3. Develop a code of conduct and ethics policies and ensure that employees are aware of and adhere to them and establish mechanisms for reporting and addressing ethical violations or misconduct.
4. Implement internal controls to monitor compliance with legal and regulatory requirements.
5. Establish an effective board of directors with a balance of independent and executive directors.

32	**Strength of the Department**
	1. Strong leadership quality is developed in students at all levels within the management department.
	2. Interdisciplinary Approach is the major strength of the department to promote and explore diverse perspectives and integrate knowledge from various fields.
	3. Strong financial acumen and effective budgetary control is rigorously taught.
	4. A strong commitment to ethical business practices is taught to make students learn build trust with stakeholders, reduces legal and reputational risks and contributes to sustainable business practices.
33	**Weakness of Department**
	1. Focuses more on subjective and qualitative aspects rather than concrete, measurable outcomes.
	2. Departmental events and activities should be increased and financial literacy oriented for the students.
	3. Streamlined documentation of data is required.
	4. Department faces challenges in integrating emerging technologies into their research and teaching practices.

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Dept. of Business Administration
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34	**New Initiatives taken by the Department**			
	1. The department promotes collaboration and teamwork with academicians and industry experts.			
	2. Provide undergraduate students with research opportunities in financial topics.			
	3. Focus on developing skills in the financial context such as financial literacy, critical think critically of the future market needs etc.			
	4. More activities and events are planned for upcoming session.			
35	Planning for the next semester attached (Y/N)	Yes	Yes	Yes

Recommendations :

1. Include Inclusive oriented teaching methodologies.

2. Engage more professional development opportunities to students.

3. Departmental event planning and participation of students must be made mandatory to all students.

4. Integrate cultural competency and diversity training into the curriculum to prepare students for global approach of business.

5. Expand support services for students, including academic advising, career counseling, and mental health resources.

(Signature of the HOD with seal)

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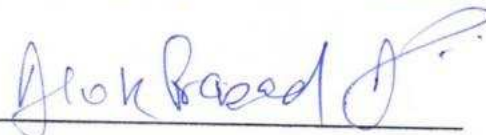Quantum University, Roorkee

Registrar
Quantum University

(Signature of Auditor with Name & Date)

1. Dr. Manish Srivastava

2. Dr. Alok Kumar

3. Alok Prasad

Academic Audit

DIRECTOR
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Quantum University, Roorkee

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QUANTUM UNIVERSITY, ROORKEE

Quantum School of Business

Session: 2020-21

ACADEMIC AUDIT ACTION TAKEN REPORT

Introduction

The organization conducted out an Academic and Administrative Audit in 2020-21 that consists of the academic, administrative and student-focused activities of the University. The following activities were taken into consideration and meticulously executed to improve the institution's quality.

Sl. No.	Suggestions	Action Taken
1.	Encourage skills related to organizational activities, financial insights and risk management	The university has integrated practical courses, internships case studies, simulations, guest lecturers and insights of industry experts in the department.
2.	Promote inclusive education for both slow and fast learners	The university already maintains flexible curriculum and inclusive classroom environment to promote empathetic teaching in order to accommodate the needs of both slow and fast learners.
3.	Encourage environment friendly approach through enhancing a wide range of ICT	The institution constantly keeps evolving the ICT tools support environment sustainability efforts by engaging online learning, digital resources, online libraries and databases, student management systems, flexible learning and paperless operations.

		tools
4.	Encourage the understanding of the global approach of business	The university has created a supportive and enriching environment that empowers students to develop global approach of business by engaging workshops, research symposiums, international conferences and alumni involvement.
5	Engage research oriented initiatives at UG level	The university has started research projects at UG level to enhance students' critical skills and a passion for research early in their academic careers
6	Encourage Interdisciplinary approach to pedagogy	The institution always encourages interdisciplinary study, giving students the chance to consider multiple viewpoints and combine information from numerous disciplines.
7	Create a strong career counseling policy	The university provides a robust career counseling sessions in the department to facilitate students in finding internships and job opportunities.
8	Encourage students' centered approach in practical sessions	The pedagogical practices of the university essentially maintains student centered by involving Flipped Classroom Approach, Problem-Based Learning, Variety of Learning Resources, Inclusive Environment and so on.
9	More employability skill courses to be added in the Curriculum	Compulsory employability skill-based papers are incorporated in the Curriculum.

Conclusion

Based on the recommendations made by the AAA team, all the necessary steps have been taken in order to improve the institution's quality.

Signature

Dr. Manish Srivastava
Professor and Dean
Assam Kaziranga University

Registrar
Quantum University

Dr. Alok kumar
Professor & Dean
GNS University

Alok Prasad
HoD, BSH?

Academic Audit

DIRECTOR
IQAC
Quantum University, Roorkee

HEAD OF DEPARTMENT
Dept. of Business Administration
Quantum University, Roorkee

Academic Audit Report

Session: 2020-21

Department of Humanities and Social Sciences

Quantum School of Graduates Studies

Quantum University, Roorkee

QUANTUM UNIVERSITY, ROORKEE
Format for Academic Audit
(*Filled in Performa to be submitted to the committee in both soft and hard copy*)

Session: 2020-21

School: Quantum School of Graduates Studies

Name of the Department: Department of Humanities and Social Sciences

Name of Programs (*Offered*): Bachelor of Arts (Hons) Specialization in Economics, English & Psychology

Date of Audit: 08/08/2020

S. No.	Audit Criteria	Self-Appraisal of Department	Auditor's Rating	Auditor's Recommendations
A. Curriculum and Teaching Learning Process				
1	Number of course files audited	75%	3.5	Rest of files should be checked by HOD.
2	Percentage of courses where lesson plan was created, approved and uploaded on ERP	100%	4	Satisfactory
3	Number of courses in which the lectures are conducted as per Lesson Plan	85%	3.8	Lesson plan should prepare with planning and the numerical and programs question must have extra lecture

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4	Percentage of Lectures (in all courses)with ICT Tools	100%	4	Some lecture should be by chalk and board
5	Percentage of Lecture which demonstrated experiential , participative and problem solving strategies	70%	3	100% lecture must taken with suitable examples care studies and real life examples
6	Percentage of courses where CO-PO mapping is on ERP	100%	4	Satisfactory
7	Percentage of Course where teaching material is uploaded on QLRC/QMS before the commencement of classes	75%	3.1	100% course material should be uploaded on LMS before announcement of classes
8	Percentage of courses whose question- banks were evaluated and moderated by sub specialty Group	100%	4	It is a good practice to create question bank from every unit and evaluated by senior faculty members as sub specialty group
9	Percentage of courses in which 'Assignment-1' is mapped with CO-Outcome and Bloom's Taxonomy	74%	3.2	100% question of assignment – 1 should mapped with course file

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10	Percentage of courses in which 'Assignment-2' is mapped with Experiential/Participative Learning/ Problem Solving and assessed by the Sub Specialty Group	55%	2.2	Assignment -2 must be graded based on research and project oriented. Some live casestudies must be given to students
11	Percentage of courses in which Quizzes are mapped with CO-Outcome and Bloom's Taxonomy and assessed by Sub Specialty Groups	70%	3	It should be 100%
12	Quality of ESE Question Papers as per mapping and Bloom's Taxonomy, , Please rate on a scale of 0-4	2.7	2	All questions of every subject must mapped with Bloom's Taxonomy
13	Quality of projects assigned to students in the beginning of semester , Please rate on a scale of 0-4	2.5	2	The level f project or case studies should be high with Bloom's Taxonomy 5 or 4

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No	Parameter	Value	Rating	Remarks
14	Percentage of courses where all listed practical were conducted as per time table	64%	2.8	It should be 100%
15	Quality of Lab Manuals and Procedures, Please rate on a scale of 0-4	2.5	2	Every labs must have lab manuals
16	How many VACs were conducted/planned in the session	2/2	Sufficient in number	Satisfactory
17	Performance of teachers in uploading course material on QLRC, Please rate on a scale of 0-4	2.6	2	100% course material should be uploaded on LMS before announcement of classes
18	Activities planned / executed as per policy of slow and fast Learners, Please rate on a scale of 0-4	2.7	2	Slow and advance learners must identified in each subject
19	Students' and teachers' feedback analyzed and ATR prepared	100%	4	Satisfactory

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20	Quality of evaluation in Assignments and Mid Semester Examination , Please rate on a scale of 0-4	3.8	3	Evaluation must be step by step
21	Quality of Projects submitted by the students , Please rate on a scale of 0-4	2	1	Students must work hard
22	Quality of Assessment of the Projects (*adhering the university policy*) , Please rate on a scale of 0-4	3.5	2	Projects must be evaluated as per University policy and marking scheme.
23	Quality of Lab Projects and Reports , Please rate on a scale of 0-4	2.3	2	Every labs must have lab projects
24	Percentage of the courses where pass percent is below 70 %	10%	1	At least result should be 80% in each subject
C: Co-Curricular Activities				

Academic Audit

25	Percentage of activities not conducted as per **Event Calendar** of the Department	12%	1	All activities must follow the event calendar
26	Percentage of Event Calendar activities reported to Press Club/ ERP	65%	3	The report of all activities should submitted within stipulated time with all photograph.
27	Activities planned / executed as per policy of Career Counseling , Please rate on a scale of 0-4	3.6	3	Career counselling and placement activities must be increase.
D:Student Support				
28	Activities planned / executed as per Mentor Mentee Policy , Please rate on a scale of 0-4	2.5	2	Mentor mentee meeting should effective and solve the problem of students within the time.
29	Appointment of CRs (Y/N)	Yes	4	Good practice

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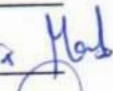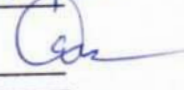Quantum University, Roorkee

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| 30 | Frequency of interactions of CRs with Director/ Vice Chancellor | 2 | 4 | Satisfactory |
| 31 | Student's orientation before the beginning of Classes | 100% | 4 | Satisfactory |

E: Governance and Best Practices

1. Develop a code of conduct to ensure that faculty members are aware of and adhere to the establish mechanisms for reporting and addressing ethical violations or misconduct.
2. Continuously monitor and update internal control systems to mitigate risks and enhance operational efficiency within the university.
3. Strengthen the board's oversight of organizational activities, financial performance and risk management.
4. Establish an effective board of directors with a balance of independent and executive directors.
5. Implement internal controls to monitor compliance with legal and regulatory requirements.

| 32 | **Strength of the Department**
1. Interdisciplinary Approach: Humanities and social sciences department promotes interdisciplinary studies, allowing students to explore diverse perspectives and integrate knowledge from various fields. Broad Understanding of Human Behavior: The department focuses on the study of human behavior, society and culture by addressing complex issues related to ethics, politics, economics, and more.
2. It cultivates skills that are applicable in various professions such as critical thinking, research and writing skills, effective communication, etc.
3. It fosters critical thinking, creativity, and problem-solving skills. |

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Dept. of Humanities & Social Sciences
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33	**Weakness of the Department**
	1. Focuses more on subjective and qualitative aspects rather than concrete, measurable outcomes.
	2. Departmental events and activities should be increased for the students.
	3. Streamlined documentation of data is required.
	4. Department may face challenges in integrating emerging technologies into their research and teaching practices.
	5. Graduates from the disciplines may encounter more limited job prospects compared to certain STEM fields.
	6. The number of PhD faculties need to be increased.
34	**New Initiatives taken by the Department**
	1. Encourage community engagement by establishing partnerships with local organizations, non-profits, and government agencies.
	2. Provide undergraduate students with research opportunities within the department.
	3. Focus on developing skills such as critical thinking, communication, research methodologies, and interdisciplinary problem-solving.
	4. More activities and events are planned for upcoming session.
	5. Students are facilitated to promote general awareness in the nearby villages and localities through outreach activity in the name of PAHAL program.

35	Planning for the next semester attached (Y/N)	Yes	Yes	
				YES

Recommendations :

1. To include more innovative teaching methods, such as experiential learning, project-based assignments, or flipped classrooms.

2. Offering professional development opportunities to students, such as workshops, seminars, and career counseling services.

3. Departmental event planning and participation of students.

HEAD OF DEPARTMENT
Dept. of Humanities & Social Sciences
(Signature of the HOD with seal)
Quantum University

(Signature of Auditor with Name & Date)

1. _Dr. Alok Kumar_
2. _Dr. Manish Srivastava_
3. _Dr Vinay Pal Singh_

Academic Audit

Registrar
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QUANTUM UNIVERSITY, ROORKEE

Quantum School of Graduate Studies

Department of Humanities and Social Sciences

Session: 2020-21

ACADEMIC & ADMINISTRATIVE AUDIT

Action Taken
Report

Introduction

The organization conducted out an Academic and Administrative Audit in 2020-21 that consists of the academic, administrative and student-focused activities of the University. The following activities were taken into consideration and meticulously executed to improve the institution's quality.

Sl. No.	Suggestions	Action Taken
1.	Encourage faculty to engage innovative teaching methods	Management organizes regular workshops, seminars and training sessions on innovative teaching techniques and technology.
2.	Incorporate STEM principles and practices into the social sciences.	The institution encourages interdisciplinary study, allowing students to examine multiple viewpoints and combine information from other disciplines.
3.	Introduce research oriented projects at the undergraduate	Research initiatives at the UG level are introduced. Small research projects are encouraged for undergraduate students to undertake.

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		level
4.	Promote Inclusive and collaborative teaching methods	The university incorporated inclusive teaching methods, such as group discussions and cooperative learning, to engage students and promote collaboration.
5	Strengthen career counseling policy	Career counseling department are well set up that assists students in finding internships and opportunities.
6	Engage a diverse range of ICT tools	The institution keeps evolving the technological landscape for improving productivity and communication in the digital age.
7	Foster Interdisciplinary Approach of Education	The university promotes interdisciplinary studies, allow students to explore diverse perspectives and integrate knowledge from various fields.
8	More employability skill components tobe added in the Curriculum	Compulsory employability skill-based papers incorporated in the Curriculum.

Conclusion

Based on the recommendations made by the AAA team, all the necessary steps have been taken in order to improve the institution's quality.

Signature

Dr. Manish Srivastava
Professor and Dean
Assam Kaziranga University

Dr. Alok Kumar
Professor & Dean
GNS University

Dr. Vinay Pal Singh
Assistant Professor
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