

QUANTUM UNIVERSITY ROORKEE



THE MINUTES OF EXTRACTED BOARD OF STUDIES FOR NEW INTRODUCED COURSES



Registrar
Quantum University

Session (2022-2023)

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Registrar
Quantum University

Board of Studies

Department of Computer Science & Engineering

Session- 2022-23



Quantum School of Technology

Quantum University, Roorkee

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



BOARD OF STUDIES IN THE Department of Computer Science & Engineering

AGENDA

Date:-10-05-2022

The 5th meeting of the Board of Studies in the Department of Computer Science & Engineering for the year 2022-23, will be held on **14-05-2022 at 11:00 A.M.** in Department of Computer Science & Engineering, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes for 4th BoS (Board of Studies) meeting held on 9-08-2021 at 11.00 AM in the Department of Computer Science & Engineering.
2. To report the action taken on the various decisions taken by the BOS in its 4th BOS meeting held on 9-08-2021.
3. Review and discussion on the feedback provided by students and faculty members on the courses for Bachelor of Technology in Computer Science & Engineering and its specializations in 2021-22
4. Review and discussion on the feedback provided by students and faculty members of the courses for Master of Technology in Computer Science and Engineering.
5. To discuss and approve the introduction of new Courses in Syllabus Bachelor of Technology in Computer Science & Engineering for the session 2022-2023.
6. To discuss and approve the introduction of new Courses in Syllabus Master of Technology in Computer Science & Engineering for the session 2022-2023.
7. To discuss and approve the list of employability/entrepreneurship/skill development Courses in Bachelor of Technology in Computer Science & Engineering & Master of Technology in Computer Science & Engineering for the session 2022-2023 in addition to the curriculum 2018-2022.
8. To Consider and approve the panel of examiners for theory and practical examination
9. Any other matter with the permission of Chair




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

RESOLUTION:

After deliberation on all the feedback received from students and teachers, recommendation of SSG, the Board approved the modifications in the curriculum scheme and syllabus of Master of Technology in Computer Science and Engineering for session 2022-2023 (*Applicable to the batch 2022-2026*) as mentioned in BOS/QST/DCSE/2022/Annexure-II.

5. To discuss and approve the introduction of new Courses in Syllabus Bachelor of Technology in Computer Science & Engineering for the session 2022-2023.

The board went through the list of newly introduced Courses for Bachelor of Technology in Computer Science & Engineering for session 2022-23 as modified in Agenda item 4.

The chairperson appraised the Board that the list is prepared according to the guidelines issued by UGC. The list of newly introduced Courses is as follow:




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

S.No.	Subject Name	Subject Code
1	Engineering Mathematics I	MA3105
2	Programming with C for problem solving	CS3111
3	Digital Electronics & Logic Design	CS3112
4	English for Engineers	EG3105
5	Digital Electronics & Logic Design Lab	CS3143
6	Programming with C for problem solving Lab	CS3149
7	Engineering Mathematics – II	MA3206
8	Engineering Chemistry	CY3208
9	Computer Fundamentals & Organization	CS3206
10	English – II	EG3206
11	Data Structures using C	CS3207
12	Design and Analysis of Algorithms	CS3208
13	Disaster Preparedness & Management	CE3102
14	Engineering Chemistry Lab	CY3248
15	Design & Analysis of Algorithms Lab	CS3247
16	Data Structures using C Lab	CS3246
17	Introduction to AI , Data Science, Ethics and Foundation of Data Analysis	CS3223
18	Data Analysis using Python, Numpy, Pandas MatPlot Lib, Seaborn Lab	CS3224
19	R Programming for Data Science and Data Analysis	CS3424

RESOLUTION:

After deliberation on Local, National and Global issues stated in POs, PSOs and PEOs, the board has approved the list of New Introduced Courses for the session 2022-23.




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

Board of Studies

of

Department of Mechanical Engineering

Session: 2022-23



Department of Mechanical Engineering

Quantum School of Technology

Quantum University, Roorkee



BOARD OF STUDIES OF THE DEPARTMENT OF MECHANICAL ENGINEERING

AGENDA

Date:-10.05.2022

The meeting of the Board of Studies in Department of Mechanical engineering for the year 2022-23, will be held on 14.05.2022 & 11:00 am in Department of Mechanical engineering, Quantum University, Roorkee.

The following agenda items will be discussed in the meeting:

1. Confirmation of the minutes for 4th BOS held on 28.07.2021 for department of mechanical engineering.
2. To consider and approve the Action taken report of various decisions taken by the 4th BoS meeting.
3. Review and discussion on the feedback provided by students and faculty members on the courses for B.Tech. and M.Tech. Programs.
4. To discuss and approve of the incorporation of a new introduced courses along with its syllabus, into the Bachelor of Technology program in Mechanical Engineering in 2022-23
5. To discuss and approve of the incorporation of a new introduced courses along with its syllabus, into the Master of Technology program in Thermal Engineering in 2022-23
6. To discuss and approve initiatives focused on improving employability and skills within the Bachelor of Technology program in Mechanical Engineering
7. To discuss and approve initiatives focused on improving employability and skills within the Master of Technology program in Thermal Engineering
8. To discuss and approve additional value added courses for the Bachelor of Technology program in Mechanical engineering
9. To discuss and approve proposed curriculum and syllabus revisions for the Bachelor of Technology program, effective from the academic session 2022-23
10. To discuss and approve proposed curriculum and syllabus revisions for the Master of Technology in Thermal Engineering program, effective from the academic session 2022-23
11. To Consider and approve the panel of examiners for theory and practical examination

Any additional topic or issue may be discussed with the Chair's consent



HEAD OF DEPARTMENT
Dept. of Mechanical Engineering
Quantum University, Roorkee



Lab Practice Sessions	More lab practice sessions can be provided	Implemented for all desirous students
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M.Tech Thermal Engineering

Action Taken Report		
Department Name: Department of Mechanical Engineering		
Feedback Session: 2021-22		
Curriculum Design		
Code	R-1: Recommendation by Sub Specialty Groups of the Department	Action taken during design of Syllabus for 2022-2024
ME4204	Changes in the course is required to include PDE solutions	Course is remodified and changed as a new course ME4213.
ME4102	Units are to be remodified with deletion and addition of topics related to application of thermodynamics	Course is remodified and a new course is introduced ME4109
Additional suggestions by SSG and action taken during syllabus design		
	Course on applications of steam should be added	A new course ME4110 is introduced
	Course on research ethics and patent right should be taught to PG students	A new course ME4212 is introduced
	Course on Entrepreneurship and innovation should be introduced	A new course ME4211 is introduced
	Components modelling and its analysis of engines must be known to thermal students	A new course ME4310 is introduced

RESOLUTION: It was resolved that the suggestions by the SSG has been incorporated in the curriculum.

Item no 4: To discuss and approve of the incorporation of a new introduced courses along with its syllabus, into the Bachelor of Technology program in Mechanical Engineering in 2022-23

The Chairman deliberated the list of 4th year course which will be considered as New Introduced Courses in 2021-22 because they are running for very first time since inception of Bachelor of Technology in Mechanical Engineering program in the university.




HEAD OF DEPARTMENT
 Dept. of Mechanical Engineering
 Quantum University, Raipur




Name of the New Courses Introduced in 2022-23(B.TECH)

S. N.	Name of the New courses introduced	Course code	Year of Introduction
1.	Engineering Graphics and Design	ME3142	2022
2.	Fundamentals of Mechanical and Mechatronics Engineering	ME3103	2022
3.	Manufacturing Science I	ME3410	2022
4.	Manufacturing Science I Lab	ME3447	2022
5.	Manufacturing Science II	ME3510	2022
6.	Manufacturing Science II Lab	ME3547	2022
7.	Industrial Engineering and Management	ME3515/ME3715	2022
8.	Entrepreneurship and startup	ME3610	2022
9.	Industrial Inspection and Quality Control	ME3612	2022
10.	Power Plant Engineering	ME3611	2022
11.	Industrial Automation Lab	ME3648	2022
12.	Engineering Economics and Project Management	ME3716	2022
13.	Microprocessors in Automation	MT3819	2022
14.	Quality Engineering Lab	ME3748	2022
15.	Non-Conventional Energy Resources	ME3815	2022
16.	Industrial Hazards and Safety	ME3817	2022
17.	Hybrid Vehicle Propulsion	ME3811	2022
18.	Facility Planning and Design	ME3816	2022
19.	Disaster preparedness and Management	CE3102	2022

RESOLUTION: Unanimously Resolved that The Newly Introduced course and syllabus in 2022-23 is approved for the inclusion in the curriculum for 2022-23 subject to the final approval of the Academic Council.




 HEAD OF DEPARTMENT
 Dept. of Mechanical Engineering
 Quantum University

Item No 5: To discuss and approve of the incorporation of a new introduced courses along with its syllabus, into the Master of Technology program in Thermal Engineering in 2022-23

the Chairman deliberated the new courses proposed as in 2022-23 to enhance the program to meet the latest trends and with advanced topics. BOS members also provided suggestions for the improvement of overall program.

Name of the New Courses Introduced in 2022-23(M.TECH)

S. N.	Name of the New courses introduced	Course code	Year of Introduction
1	Advanced Thermal Engineering	ME4109	2022
2	Steam Engineering	ME4110	2022
3	Research ethics and IPR	ME4212	2022
4	Numerical Solution of Partial Differential Equations	ME4213	2022
5	New Venture Creation	ME4211	2022
6	Modelling of IC Engine	ME4310	2022

Unanimously Resolved that the necessary suggestions in delivery of the courses be taken and accepted not to propose any new courses of Master of Technology in Thermal Engineering and Syllabus for entry batch 2021 will be same as that for 2019 batch.

Item No. 6: To discuss and approve the list of the courses (introduced in 2022-23) enabling Employability/ Entrepreneurship/ Skill development in Bachelor of Technology in Mechanical Engineering.

The members of BoS discussed and identified the nature of the courses from the newly introduced course in 2020-21 which having the potential to provide Employability/Entrepreneurship/Skill Development. The List are as follows-

S. No.	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Engineering Graphics and Design	ME3142	2022	Emp /Ent /Sd
2	Fundamentals of Mechanical and Mechatronics	ME3103	2022	Emp /Sd



HEAD OF DEPARTMENT
Dept. of Mechanical Engineering
Quantum University, Roorkee





Board of Studies

Department of Civil Engineering

Session 2022-23

Quantum School of Technology

Quantum University, Roorkee



HEAD OF DEPARTMENT
Dept. of Civil Engineering
Quantum University, Roorkee

Board of Studies

Department of Civil Engineering

AGENDA

Date:-24/05/2022

The Board of Studies meeting for the Department of Civil Engineering for the academic year 2022-23 is scheduled for May 28, 2022, at 10:00 AM. This meeting will be conducted online and hosted by the Department of Civil Engineering at Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes for BOS held on 30/07/2021 for the Department of Civil Engineering.
2. To consider and approve the Action taken report of the previous meeting
3. Review and discussion on the feedback provided by students and faculty members on the courses for B.Tech. and M.Tech. Programs.
4. To discuss and approve of the incorporation of a new introduced courses in 1st year 2nd year 3rd and 4th Year along with its syllabus, into the Bachelor of Technology program in Civil Engineering in 2022-23
5. To discuss and approve of the incorporation of a new introduced courses in 1st year and 2nd year along with its syllabus, into the Masters of Technology program in Structural Engineering in 2022-23
6. To discuss and approve initiatives focused on improving employability and skills within the Bachelor of Technology program in Civil Engineering
7. To discuss and approve additional value added courses for the Bachelor of Technology program in civil engineering
8. To discuss and approve proposed curriculum and syllabus revisions for the Bachelor of Technology program, effective from the academic session 2022-23.
9. To discuss and approve proposed curriculum and syllabus revisions for the Master of Technology (SE) program, effective from the academic session 2022-23

Any other matter with the permission of Chair



HEAD OF DEPARTMENT
Dept. of Civil Engineering
Quantum University, Roorkee

CE3407	Environment awareness program is required	Recommended to ask Students for the poster presentation
CE4210	Content of Course is too lengthy	Recommended to add Basics principles of plates & Shells in the curriculum

4. To discuss and approve of the incorporation of a new introduced courses in 1st year 2nd year 3rd and 4th Year along with its syllabus, into the Bachelor of Technology program in Civil Engineering in 2022-23

The Board deliberated on and subsequently sanctioned the inclusion of newly introduced courses, along with their respective syllabi, into the Bachelor of Technology program in Civil Engineering for the academic year 2022-23. These additions will be made in the 1st, 2nd, 3rd, and 4th years of the program as per AICTE

S. No.	Subject Name	Subject Code	Year of Introduction
1	Fundamentals of Mechanical & Mechatronics Engineering	ME3103	2022-23
2	Disaster Preparedness & Management*	CE3102	2022-23
3	Material Testing & Evaluation	CE3312	2022-23
4	Construction Engineering & Management	CE3313	2022-23
5	Material Testing & Evaluation Lab	CE3345	2022-23
6	Geology lab	CE3349	2022-23
7	Basic of ground surveying	CE3409	2022-23
8	Basic of ground surveying Lab	CE3448	2022-23
9	Building Construction Practice	CE3609	2022-23


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Dept. of Civil Engineering
Quantum University, Roorkee

10	Construction Project Planning & System	CE3610	2022-23
11	Construction cost analysis	CE3613	2022-23
12	Masonry Structures	CE3709	2022-23
13	Pre-Stressed Concrete	CE3710	2022-23
14	System Engineering & Economics	CE3711	2022-23
15	Urban Hydrology & Hydraulics	CE3712	2022-23
16	Open Channel Flow	CE3713	2022-23
17	Hydraulic Modelling	CE3714	2022-23
18	Water & Air Quality Modelling	CE3811	2022-23
19	Soil & Hazardous Waste Management	CE3812	2022-23
20	Air & Noise Pollution Control	CE3814	2022-23
21	Sustainable Engineering & Technology	CE3815	2022-23
22	Pavement material	CE3816	2022-23
23	Pavement design	CE3817	2022-23
24	Urban Transportation Planning	CE3818	2022-23
25	Entrepreneurship Management In Civil Engineering	CE3820	2022-23
26	Low Cost Housing	CE3821	2022-23
27	Airport & Harbor Planning	CE3822	2022-23

5. To discuss and approve of the incorporation of a new introduced courses in 1st year and 2nd year along with its syllabus, into the Masters of Technology program in Structural Engineering in 2022-23



HEAD OF DEPARTMENT
Dept. of Civil Engineering
Quantum University, Roorkee

The Board deliberated on and subsequently sanctioned the inclusion of newly introduced courses, along with their respective syllabi, into the Masters of Technology program in Structural Engineering for the academic year 2022-23. These additions will be made in the 1st, and 2nd years of the program as per AICTE

List of New Introduced Courses

S. No.	Name of the subject	Course code	Year of introduction	Deleted subjects	Deleted subject code	Year of deletion
1	Advanced solid mechanics	CE4108	2022-23	N/A	N/A	N/A
2	Wind effect on structures	CE4215	2022-23	N/A	N/A	N/A
3	Reliability based design	CE4216	2022-23	N/A	N/A	N/A
4	Statistical methods and algorithm	CE4314	2022-23	N/A	N/A	N/A
5	Structural material	CE4315	2022-23	N/A	N/A	N/A
6	Plates and shells	CE4316	2022-23	Theory of Plates and shells	CE4210	2022

6. To discuss and approve initiatives focused on improving employability and skills within the Bachelor of Technology program in Civil Engineering

The BOS members engaged in a discussion and subsequently approved a list of subjects (continuing from the 2020-21 academic year) that included newly introduced courses. These courses encompass both theory and laboratory components and have been designed with the aim of enhancing employability, fostering entrepreneurship, and promoting skill development for the Bachelor of Technology in Civil Engineering program. This approval signifies that the BOS members endorsed the inclusion of these courses as part of the curriculum to achieve these specific educational objectives.



HEAD OF DEPARTMENT
Dept. of Civil Engineering
Quantum University

Board of Studies

Department of Computer Applications

Session: 2022-23



Quantum School of Technology

Quantum University, Roorkee




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

Board of Studies in the
Department of Computer Applications

AGENDA

Date:-11-05-2022

The meeting of the Board of Studies in Department of Computer Applications for the year 2022-23, will be held on **14-05-2022** in Board Room Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. To confirm and approve the minutes of 4th BoS meeting held on 09/08/2021 for the Department of Computer Applications.
2. To report the action taken on the various decisions taken by the BoS in its 4th BoS meeting held on 09/08/2021
3. Review and discussion on the feedback provided by students and faculty members on the courses for Bachelor of Computer Applications in 2021-22
4. Review and discussion on the feedback provided by students and faculty members on the courses for Master of Computer Applications in 2021-22
5. To discuss and approve the introduction of new Courses in Bachelor of Computer Applications for the session 2022-2023
6. To discuss and approve the introduction of new Courses in Master of Computer Applications for the session 2022-2023
7. To discuss and approve the list of employability/entrepreneurship/skill development Courses for the session 2022-2023
8. To Consider and approve the panel of examiners for theory and practical examination
9. Any other matter with the permission of Chair




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

		domain.
Training for Placements	R-6: The students need be imparted with necessary skills that can effectively prepare them for fetching jobs through the recruitment process. Also, internships, value-added courses can be arranged for the students.	Interview Trainings in terms of communication skills, numerical ability, technical skills etc. will be arranged on regular basis for the students to make them perform more efficiently in recruitment process.
Orientation Program	R-1: An informative orientation program must be scheduled for the freshers where they can be made familiar to the environment at new college. Same may be conducted for the senior students as well to have them involved in their advance semester planning.	Implemented. Sessions have been scheduled for the fresher students where they will be made familiar to the teaching-learning environment practiced at campus.
Guest Lectures	R-4: Special session on human values and ethics, gender equality etc. to be conducted for sensitizing the students about national issues.	Implemented

RESOLUTION: After deliberation on all the feedback received from students and teachers, recommendation of SSG, the Board approved the modifications in the curriculum scheme and syllabus of Master of Computer Applications for session 2022-2023 as mentioned in BOS-QST-DCA-2021-Annexure-II.

5.To discuss and approve the introduction of new Courses in Bachelor of Computer Applications for the session 2022-2023.

The board went through the list of newly introduced Courses for Bachelor of Computer Applications for session 2022-23 as modified in Agenda item 3. The chairperson appraised the Board that the list is prepared according to the guidelines issued by UGC. The list of newly introduced Courses is as follow:




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

SNO	SUBJECT	CODE	YEAR OF INTRODUCTION
1.	Data Compression Techniques & Algorithms	CA3507	2022
2.	IT Application Security & Privacy	CA3508	2022
3.	Digital Image Processing & Analysis	CA3606	2022
4.	Introduction to Computer Vision	CA3607	2022

RESOLUTION: Board approved the list of newly introduced courses for the session 2022-2023.

6.To discuss and approve the introduction of new Courses in Master of Computer Applications for the session 2022-2023.

The board went through the list of newly introduced Courses for Master of Computer Applications for session 2022-23 as modified in Agenda item 4. The chairperson apprised the Board that the list is prepared according to the guidelines issued by UGC. The list of newly introduced Courses is as follow:

S.No.	Subject Name	Subject Code	Year of Introduction
1	Software Process & Management	CA4311	2022
2	Modeling and Simulation	CA4312	2022




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

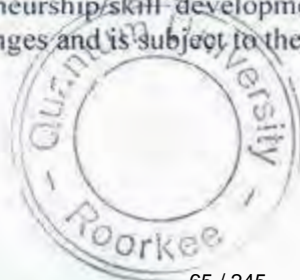
RESOLUTION: Board approved the list of newly introduced courses for the session 2022-2023.

7.To discuss and approve the list of employability/entrepreneurship/skill development Courses for the session 2022-2023

The chairman and the BOS members discussed and approved the list of subjects (including theory and labs) that provide the employability/entrepreneurship/skill development and these subjects will be finalized after the approval of academic council for the academic session 2022-23.

S. No.	Name of the Course	Course Code	Content with direct bearing on Employability/ Entrepreneurship/ Skill development (Em, En, SD)
1	Data Compression Techniques & Algorithm	CA3507	Em, En, SD
2	IT Application Security & Privacy	CA3508	Em, En, SD
3	Digital Image Processing & Analysis	CA3606	Em, En, SD
4	Introduction to Computer Vision	CA3607	Em, En, SD
5	Software Process & Management	CA4311	Em, En, SD
6	Modeling and Simulation	CA4312	Em, En, SD

RESOLUTION: Unanimously resolved the list of subjects that provide the employability/entrepreneurship/skill development. These are appreciated and approved with the suggested changes and is subject to the final approval of academic council.



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

Board of Studies
of
Department of Business Administration

(Dated: 02/06/2022)



Department of Business Administration
Quantum School of Business
Quantum University, Roorkee

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



BOARD OF STUDIES
DEPARTMENT OF BUSINESS ADMINISTRATION
AGENDA

Date:-30/05/2022

The meeting of the Board of Studies in the Department of BUSINESS ADMINISTRATION for the year 2022-23, will be held on 02/06/2022 via ONLINE MODE <https://meet.google.com/jug-srze-xju> at Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes for BOS held on 10/07/2021 for the Department Of Business Administration.
2. To apprise the Board of Action taken report for the Department Of Business Administration.
3. Discussion on the feedback received from students, employees, Alumni and faculty members.
4. To discuss and approve the newly introduced Courses in 2022-23 in the MBA and BBA Program
5. To discuss and approve the list of subjects including theory and Lab provide Employability / Entrepreneurship / Skill Development.
6. To Discuss & approve of the revision of syllabus of Department of Business Administration from the academic session 2022-23.
7. To Discuss & approve the courses added on ethics and human values.
8. To discuss and approve the Value Added Courses (additional training) in the Department of Business Administration (Master of Business Administration, session 2022-23) & (Bachelor of Business Administration, Batch 2022-23).
9. To get approval for the panel of external examiners for the session 2022-23.
10. Any other matter with the permission of the Chair.

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



Item No 4







To discuss and approve the New Introduced Course in Session 2022-23 in MBA and BBA Program

4.1 The internal members of the Board presented the list of courses which will run for the very first time in the MBA Program under Quantum University in session 2022-23.

The List of Newly Introduced courses in 2022-23 in BBA and MBA Program are as follows:

S.No.	Subject Name	Subject Code	Year of Introduction
1	International Logistics Management	BB3313	2022-23
2	Cross Cultural Business Management	BB3411	2022-23
3	Management of multinational corporations	BB3511	2022-23
4	Exim Financing And Documentation	BB3512	2022-23
5	Global Financial Markets And Instruments	BB3611	2022-23
6	Foreign Exchange Management And Currency Derivatives	BB3612	2022-23
7	Foundation of AI, Data Science, BI & Data Analytics	BB3240	2022-23
8	Data Analysis using Python	BB3241	2022-23
9	Statistics & Computational Data Analysis	BB3340	2022-23
10	R Programming for Data Science and Data Analysis	BB3341	2022-23
11	Search Engine Optimization	BB3307	2022-23
12	Data Analytics & Visualization- Tools & Techniques	BB3440	2022-23
13	Machine Learning for Business	BB3441	2022-23
14	Risk Fraud & Foundation to Marketing Analytics Social Media Analytics	BB3540	2022-23
15	Supply Chain Analytics & HR Analytics	BB3541	2022-23
16	Planning and Control Operations	MB4331	2022-23
17	United Nation Development program	HU3202	2022-23
18	Indian Knowledge System	HU3201	2022-23

4.2 Similarly, the members also presented courses which will run for the very first time in the BBA Program under Quantum University in session 2022-23.

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

The BOS approved the Newly Introduced in MBA and BBA programs scheduled to be run in session 2022-23 in the department.

Item No.5

To discuss and approve the list of courses including theory and Lab provide Employability / Entrepreneurship / Skill Development in MBA and BBA Curriculum being effective from 2022-23

5.1 The members presented a list of proposed courses providing Employability / Entrepreneurship / Skill Development for inclusion in the curriculum of MBA starting in 2019-20 as a part of initiative taken to implement the vision of the department and of the University.

MBA List

LIST OF COURSES HAVING DIRECT BEARING ON EMPLOYABILITY/ ENTREPRENEURSHIP/ SKILL DEVELOPMENT

S. No.	Name of the Course	Course Code	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Planning and Control Operations	MB4331	Understanding the concept of Planning and control business operations also control duration and scheduling techniques in project.

5.2 The members also presented a list of proposed courses providing Employability / Entrepreneurship / Skill Development for inclusion in the curriculum of BBA starting in 2022-23 as a part of the initiative taken to implement the vision of the department and of the University and industry demand. The internal members also informed that the list is prepared while keeping industry demand and after reviewing syllabus of other universities and consulting many subject experts from various universities.

BBA List

LIST OF COURSES HAVING DIRECT BEARING ON EMPLOYABILITY/ ENTREPRENEURSHIP/ SKILL DEVELOPMENT

S. No.	Name of the Course	Course Code	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
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HEAD OF DEPARTMENT
Dept. of Business Administration
Quantum University

Board of Studies
Department of Commerce and Finance



(01-06-2022)

Department of Commerce and Finance

Quantum School of Graduate Studies

Quantum University



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HEAD OF DEPARTMENT
Dept. of Commerce and Finance
Quantum University, Roorkee

BOARD OF STUDIES IN THE

DEPARTMENT OF COMMERCE AND FINANCE

B. Com (2022-23)

AGENDA

Date: 28-05-2022

The meeting of the Board of Studies in the Department of Commerce and Finance for the year 2022-23, will be held on **01-06-2022** in Director Office of Quantum school of Business, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes of the meeting for BOS held on 07-08-2021 for the Department of Commerce and Finance.
2. To apprise the Board on Action taken report.
3. Discussion on the feedback received from students and faculty members.
4. To discuss and approve the introduction of new courses in Bachelor of Commerce for the Session 2022-23.
5. To discuss and approve the revised syllabi in the Bachelor of Commerce from Academic Session 2022-23 (Annexure 1)
6. To discuss and approve the Value-Added Courses in Bachelor of Commerce.
7. To approve the subject wise panel of examiners and Panel of Moderators.
8. To discuss and approve the list Professional Ethics, Gender, Human Values, Environment and Sustainability.
9. Any other matter with the permission of Chairman.



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Orientation Program	R-6: Elaborative and informed orientation program to be conducted for students of all semester	5 days orientation program has been organized for all students. Details regarding semester planning about academics and extra co-curriculum
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Item no 4

To discuss and approve the introduction of new Courses for Bachelor of Commerce for the year 2022-23.

The Board's internal members presented the list of new courses scheduled to be offered during the 2022-23 session in Quantum University's B. Com Program for the first time. The Board approved the list. The approved list of newly introduced courses for the 2022-23 academic years in the B. Com Program is as follows

The List of Newly Introduced Courses in B. Com Program (Session 2022-23)

SEMESTER II

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
HU3202	FC	United Nations Development Programme	1	0	0	1	1.0	None

SEMESTER III

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
HU3201	FC	Indian Knowledge System	1	0	0	1	1.0	None

Item no 5

To discuss and approve the revised syllabi in the Bachelor of Commerce from Academic Session 2022-23 (Annexure 1)

The Board's internal members presented the revised syllabi to be offered in 2022-23 session and the Board approved the revised Course Structure in the Bachelor of Commerce Program for Upcoming Session 2022-23.

Item no 6

To discuss and approve the Value-Added Courses in Bachelor of commerce.

The chairman announced that the university has decided to offer the courses beyond the curriculum. As a policy and the vision of the university, Students should be offered the courses in interdisciplinary domains depending on the choice of the students. Therefore, it has been decided by the apex body that there will be two kinds of VACs

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HEAD OF DEPARTMENT
Dept. of Commerce and Finance
Quantum University, Roorkee

Board of Studies
of
Department of Humanities & Social Sciences



Department of Humanities and Social Sciences
Quantum School of Graduate Studies
Quantum University, Roorkee

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HEAD OF DEPARTMENT
Dept. of Humanities & Social Sciences
Quantum University, Roorkee



BOARD OF STUDIES

Department of Humanities & Social Sciences

B.A. (Hons.) 2022-23

AGENDA

Date:- 03/09/2022

The meeting of the Board of Studies in the Department of Humanities & Social Sciences for the year 2022-23, will be held on **06/09/2022 at 11:00 AM in the Board Room at Quantum University** by the Department of Humanities & Social Sciences.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes for BOS held on 12/08/2021 for Department of Humanities and Social Sciences.
2. Action taken report
3. Discussion on the feedback received from students, faculty members, Alumni and Employers.
4. **To discuss and approve the introduction of new subjects with syllabus in Bachelor of Arts (Hons) Specialization in Economics, English & Psychology**
5. To discuss and approve the list of subjects related with Employability/Skill enhancement/Entrepreneurship in Bachelor of Arts (Hons) Specialization in Economics, English & Psychology
6. To discuss and approve the Value-Added Courses in Bachelor of Arts (Hons) Specialization in Economics, English & Psychology
7. To discuss and approve the programme and course content having element of field project, research project and internship.
8. To discuss and approve the list of the experts for end semester examination, project report and internship reports' evaluation.

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		discussions, mandatory incorporation of flip classes in all subjective lectures
Training for Placements	R-5: New array of VACs need to be added, Drive among students for joining VACs, Industrial Mentorship and placement trainings for special drives through boot camps	New VACs are introduced, Duties of mentors to educate about Interdisciplinary VACs.

Item No. 4

To discuss and approve the introduction of new subjects with syllabus in Bachelor of Arts (Hons) Specialization in Economics, English & Psychology

The Board resolved to recommend introduction of new subjects with syllabus in Bachelors of Arts (Hons) specialization in Economics, English and Psychology.

Quantum School of Graduate Studies

Bachelor of Arts (Hons) Specialization in Economics, English & Psychology

List of New Courses in 2022-23

S.No	Subject Name	Subject Code	Year of Introduction
1	Mathematical and Statistical tools for Economics	EM3105	Economics
2	MS Excel theory and Lab	CS3120	Economics
3	Indian Knowledge System	HU3201	Economics, English & Psychology
4	Disaster Preparedness & Management*	CE3102	Economics, English & Psychology
5	Money and Banking	EM3206	Economics
6	Tableau Visualization	CS3220	Economics
7	Data analytics using R	CS3320	Economics
8	Data analytics using Python	CS3420	Economics
9	Research Methodology	EM3505	Psychology
10	Contemporary Economic Thought	EM3504	Economics

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HEAD OF DEPARTMENT
Dept. of Humanities & Social Sciences
Quantum University, Roorkee



11 Fraud and Risk Detection

EM3604

Economics

12 Digital Economy

EM3603

Economics

Item No. 5

To discuss and approve the list of subjects related with Employability/Skill enhancement/Entrepreneurship in Bachelor of Arts (Hons) Specialization in Economics, English & Psychology

The board approved the subjects related with employability/ Skill enhancement and Entrepreneurship in program of BA(H) specialization in Economics, English and Psychology.

S.No.	Subject Name	Subject Code	Year of Introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
ECONOMICS				
1	MS Excel theory and Lab	CS3120	2022-23	It enables students to format, organize and calculate data in a spreadsheet. Students can record and analyze numerical and statistical data.
2	Mathematical and Statistical tools for Economics	EM3105	2022-23	It helps in cultivating the analytical skills that can be used to solve complex analytical tasks based on a non-trivial statistical analysis of the underlying data.
3	Money Banking and	EM3206	2022-23	It aims to provide the students with an introduction to understand the concept of money, theories of money supply and money demand and working of monetary policy.
4	Tableau Visualization	CS3220	2022-23	It enables students to present data in creative and more informative way.
5	Data Analytics using R	CS3320	2021-22	The students will develop special skills for statistical computing, graphic and data mining.

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HEAD OF DEPARTMENT
Dept. of Humanities & Social Sciences
Quantum University, Roorkee



BOARD OF STUDIES REPORT

Session (2022-23)

Bachelor of Science (Hons)

DEPARTMENT OF SCIENCES
Quantum School of Graduate Studies
Quantum University, Roorkee




HEAD OF DEPARTMENT
Dept of Sciences
Quantum University, Roorkee

**BOARD OF STUDIES IN THE
QUANTUM SCHOOL OF GRADUATE STUDIES
DEPARTMENT OF SCIENCES**

AGENDA

Date:-30th May 2022

The meeting of the Board of Studies in the Department of Sciences for the year 2022-23, will be held on 2nd June 2022, 9:30 AM onwards in Physics Lab for Bachelor of Sciences (Hons) programme, Quantum University, Roorkee

The following agenda will be discussed in the meeting:

- Item No 1. Confirmation of the minutes for BOS held on 28th July 2021 for Department of Sciences curriculum.
- Item No 2. Action taken report
- Item No 3. To discuss and approve the list of employability / entrepreneurship / skill development.
- Item No 4. To discuss and approve the Value Added Courses of Bachelor of Science (Hons) Programme
- Item No 5. Discussion on the feedback received from students, faculty members, alumni and employers.
- Item No 6. To discuss and approve the introduction of new introduced Subject with Syllabus of Bachelor of Science (Hons) Programme.**
- Item No 7. To Discuss & approve the proposed revised curriculum of syllabus of program Bachelor of Science (Hons) specialisation in Physics, specialisation in Chemistry & specialisation in Mathematics from the academic session 2022-23.
- Item No 8. To discuss and approve the program and course content having element of field projects / Research project/ Internships.



HEAD OF DEPARTMENT
Dept of Sciences
Quantum University, Roorkee

Item No. 5

5. Discussion on the feedback received from students, faculty members.

Chairman & BOS briefed the feedbacks about the course curriculum and facilities at university as received from students, faculty members.

The members had a detailed discussion on the different aspects of feedbacks received and also the necessary action taken on the same by the competent authority.

RESOLUTION

UNANIMOUSLY RESOLVED THAT the necessary action taken and suggestions has been incorporated subject to the final approval of the Academic Council

Item No. 6

Name of the New Courses Introduced in 2022-23

6. Discussion on the introduction of the “new introduced” subjects in the curriculum of Bachelor of Sciences (Hons) specialisation in Physics, specialisation in Chemistry & specialisation in Mathematics.

Dr. Ajay Kumar Sharma explained that this subject provides the strong mathematical analysis of the communication engineering without which the students feel difficult to understand the subjects.

RESOLUTION

UNANIMOUSLY RESOLVED THAT the structure of the Course “new introduced” are appreciated and approved with the suggested changes and is subject to the final approval of Academic Council.

(For the details See Annexure BOS/QSGS/DSC/2022/2)

Item No. 7



[Signature]
HEAD OF DEPARTMENT
Dept. of Sciences
Quantum University, Roorkee

BOARD OF STUDIES

Department of Agriculture Studies

Session: 2022-23



School of Agricultural Studies

Quantum University, Roorkee




HEAD OF DEPARTMENT
Dept. of Agriculture Studies
Quantum University, Roorkee

**BOARD OF STUDIES IN THE
DEPARTMENT OF AGRICULTURE STUDIES
AGENDA**

Date:-28/05/2022

The 5th Board of Studies meeting of the Department of Agriculture Studies for the year 2022-23, will be held on **31/05/2022 at 11.30 AM** in the office of Head of the Department of Agriculture Studies, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. To confirm and approve the minutes of 4th BOS meeting held on 30/07/2021 for the Department of Agriculture Studies.
2. To report the action taken on the various decisions taken by the BOS in its 4th BOS meeting held on 30/07/2021
3. Review and discussion on the feedback provided by students and faculty members on the courses for B.Sc. (Hons) Agriculture Programs in 2021-22
4. To address the regional issues of Agriculture native to the State of Uttarakhand in the Curriculum for B.Sc. (Hons) Agriculture Program
5. To discuss and approve the introduction of new Courses in Bachelor of Science (Hons) in Agriculture for the session 2022-2023
6. To discuss and approve the list of employability/entrepreneurship/skill development Courses for the session 2022-2023
7. To discuss and approve the Value Added Courses in Bachelor of Science (Hons) in Agriculture Programme
8. To Consider and approve the panel of examiners for theory and practical examination
9. Any other matter with the permission of Chair



HEAD OF DEPARTMENT
Dept. of Agriculture Studies
Quantum University, Roorkee



28	AG3605	Management of Beneficial Insects	Importance and scope of beneficial Insects, Beekeeping in hilly region of Uttarakhand
29	AG3606	Farm Management, Production & Resource Economics	Concept and Scope of farm management for mid hills of Uttarakhand
30	AG3607	Crop Improvement-II (<i>Rabi Crops</i>)	Scope of breeding in Himalayan hills for Rabi crops
31	AG3608	Principles of Food Science and Nutrition	Role of Food Science and Nutrition for hilly region of Uttarakhand.
32	AG3609	Principles of Organic Farming	Area and Distribution of Organic Farming in Uttarakhand region; Scope of Organic farming in hilly areas.

The Board approved the list of the content introduced in the courses to address the regional issues.

Item No. 5: To discuss and approve the introduction of new Courses in Bachelor of Science (Hons) in Agriculture for the session 2022-2023

The board went through the list of newly introduced Courses for B.Sc. (Hons) Agriculture for session 2022-23 as modified in Agenda item 4. The chairperson appraised the Board that the list is prepared according to the guidelines issued by ICAR-5th Dean Committee report in continuation to the previously approved curriculum for B.Sc. (Hons) Agriculture Program. The list of newly introduced Courses are as follow:

Name of the New Courses Introduced in 2022-23

S. N.	Name of the New courses introduced	Course code	Year of Introduction
1	Agriculture Finance & Cooperation	AG3302	2022
2	Crop Improvement – I (<i>Kharif</i>)	AG3502	2022
3	Crop Improvement – I (<i>kharif</i> crops) Lab	AG3541	2022
4	Crop Improvement – II (<i>Rabi crop</i>)	AG3607	2022
5	Crop Improvement – II (<i>Rabi</i> crops) Lab	AG3646	2022

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HEAD OF DEPARTMENT
Dept. of Agriculture Studies
Quantum University, Roorkie

Board of Studies

Department of Media Studies



Quantum School of Media Studies & Design

Quantum University,

Date of Meeting- 07/06/2022

BOARD OF STUDIES

DEPARTMENT OF MEDIA STUDIES

AGENDA

Date: 04/06/2022

The meeting of the Board of Studies in the Department of Media Studies for the year 2022-23, will be held on 07/06/2022 in at 11 am onwards in the Board room, Quantum University.

The following agenda will be discussed in the meeting:

1. To consider and approve the Minutes of last meeting of Board of Studies held on dated 16/08/2021
2. To consider and approve the Action Taken Report (ATR). Annexure-I
3. To discuss and approve the feedback on course curriculum as received from students, faculty members for the BA (H) JMC program.
4. To discuss and approve the feedback on course curriculum as received from students, faculty members for the B.Sc. Animation & VFX Program.
5. To discuss and approve the new introduced courses for the program in B.Sc. Animation & VFX.
6. To discuss and approve list of Examiners for the Program of Bachelor of (Hon) Journalism of Mass Communication and B.Sc. Animation & VFX.
7. To consider and approve the suggested changes in the syllabus of the Department of Media Studies.
8. To discuss and approve the list of employability /entrepreneurship/skill development.
9. Any other matter with the permission of Chair.




HEAD OF DEPARTMENT
Dept. of Media Studies
Quantum University, Roorkee



Minutes of Fifth Meeting

of

The Board of Studies

Department of Paramedical Sciences

**Bachelor of Science in Medical Radiology and Imaging Technology
&**

**Bachelor of Medical Lab Technology
held on**

Date 31-05-2022

Department of Paramedical Sciences

Quantum School of Health Sciences

Quantum University, Roorkee

2021-2022

HEAD OF DEPARTMENT
Dept. of Paramedical Sciences
Quantum University, Roorkee




DEPARTMENT OF PARAMEDICAL SCIENCES**Quantum University, Roorkee****Minutes of the BOS Meeting held on 31/05/2022**

The meeting of the Board of Studies in the Department of Paramedical Sciences, Quantum School of Health Sciences was held for the year 2022-23 on 31/05/2022 at 10:00 A.M. on-wards in the Principal's office, Quantum School of Health Sciences.

The following members attended the meeting:

S. No.	Name	Designation	Signature
1	Dr. Ravi Deval	Chairman	
2	Mr. Mukesh Chamoli	Expert Member	
3	Mr. Amit Kansal	Member	
4	Dr. Sunil Kumar	Member	
5	Ms. Dexsha Chandel	Member	
6	Ms. Deeksha	Member	
7	Ms. Neelam Rao Bharti	Member	
8	Ms. Sonam Sethi	Member	


HEAD OF DEPARTMENT
Dept. of Paramedical Sciences
Quantum University, Roorkee



Program Elective	3		3	1.80
IKS	01		01	
UNDP	01		01	
Grand Total			174	100

*Non-CGPA Audit Course

- The Syllabus for Core Courses of the entry batch 2022-2023 is as enclosed in Annexure II.
- List of Open Elective Courses as enclosed in Annexure III.
- List of Value Added Programs as enclosed in Annexure IV.

The Board Members unanimously passed a resolution to approve the syllabus, credit allocation, and detailed curriculum of Bachelor of Science in Medical Radiology and Imaging Technology program and for the program Bachelor of Medical Lab Technology for the academic session 2022-23.

5. To discuss and approve the introduction of new subjects in the syllabus of Bachelor of Science in Medical Radiology and Imaging Technology and Bachelor of Medical Lab Technology for the year 2022-2023.

The Chairman and the BOS members deliberated and approved some new introduced subjects in the academic session 2022-23.

New Courses Introduced in 2022-23 in Bachelor of Science in Medical Radiology and Imaging Technology

S. N.	Name of the New Courses Introduced	Course Code	Year of Introduction
1	Medical Microbiology (Bacterial Pathogens & associated Diseases)	BL3303	2022

2	Health Psychology	ND3621	2022
3	Health Care and Hospital Administration	ND3622	2022

New Courses Introduced in 2022-23 in Bachelor of Medical Laboratory Technology.

S. N.	Name of the New courses introduced	Course code	Year of Introduction
1	Pathology and Allied Subject-I(Haematology and Clinical Pathology)	BL3301	2022
2	Clinical Biochemistry-I(Separative and Instrumental Techniques)	BL3302	2022
3	Medical Microbiology-I(Bacterial Pathogens and associated diseases)	BL3303	2022
4	Immunology and Serology Techniques-I	BL3304	2022
5	Pathology and Allied Subject-I(Haematology and Clinical Pathology) Lab	BL3340	2022
6	Clinical Biochemistry-I Lab	BL3341	2022
7	Medical Microbiology-I Lab	BL3342	2022
8	Immunology and Serology Techniques-I Lab	BL3343	2022
9	Clinical Training	BL3344	2022

HEAD OF DEPARTMENT
Dept. of Paramedical Sciences
Quantum University, Roorkee

10	Employability Skill- I (Numerical Abilities)	VP3301	2022
11	Pathology and Allied Subject- II(Histopathology & Cytology Techniques)	BL3401	2022
12	Clinical Biochemistry-II(Metabolic and Blood Biochemistry)	BL3402	2022
13	Medical Microbiology-II(Technical Methods in Medical Microbiology)	BL3403	2022
14	Immunology and Serology Techniques-II	BL3404	2022
15	Pathology and Allied Subject- II(Histopathology & Cytology Techniques) Lab	BL3440	2022
16	Clinical Biochemistry-II Lab	BL3441	2022
17	Medical Microbiology-II Lab	BL3442	2022
18	Immunology and Serology Techniques-II Lab	BL3443	2022
19	Employability Skill- II (Aptitude & Reasoning)	VP3401	2022

The board members unanimously approve the newly introduced courses in the academic session 2022-23.

6.To discuss and approve the list of Employability/ Entrepreneurship/ Skill development.

The Chairman and the BOS members discuss and approve the list of subjects including theory and lab that provide the employability/ entrepreneurship/ skill development in Bachelor of Science in Medical Radiology and Imaging Technology and Bachelor of Medical Lab Technology for the academic session 2022-23. (Annexure V)



**Minutes of the Fifth Meeting
of**

The Board of Studies

Department of Pharmacy

(Bachelor of Pharmacy

&

Diploma In Pharmacy)

held on

Date 31/05/2022

Department of Pharmacy

Quantum School of Health Sciences

Quantum University, Roorkee

2022-23




HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee

BOARD OF STUDIES IN THE

DEPARTMENT OF PHARMACY

AGENDA

Date:- 25/5/2022

The meeting of the Board of Studies in the Department of Pharmacy for the year 2022-23, will be held on **31/5/2022 at 11:30AM in Department of Pharmacy, Quantum University, Roorkee.**

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes for BOS held on 24/07/2021 for Quantum School of Health Sciences.
2. Action taken report
3. To discuss and approved the implementation of Choice Based Credit System (CBCS) in Bachelor of Pharmacy from Academic Session 2022-23.
4. To discuss and approve the list of employability/ Entrepreneurship/ Skill development.
5. To discuss about the Academic Activity for providing more Academic/Industrial exposure to students.
6. To discuss and approved the Value Added Courses in Bachelor of Pharmacy.
7. Discussion on the feedback received from students, faculty members.
8. To discuss and approve the introduction of new Subject with Syllabus of Diploma in Pharmacy and Bachelor of Pharmacy.
9. To Discuss & approve the proposed revised curriculum of syllabus of program Diploma in Pharmacy and Bachelor of Pharmacy from the academic session 2022-23.
10. To discuss and approve the program and course content having element of field projects/ research project/ internships.
11. To discuss and update on the Scheme & Pattern of Examination.
12. To discuss and approve the list of Professional Ethics, Gender, Human Values and Environment and Sustainability.

Any other matter with the permission of Chair




HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee

Item No. 7
[No.: BOS/QSHS/DP/2022/7]

Discussion on the feedback received from students, faculty members.

Chairman and BOS members briefed the feedbacks about the course curriculum and facilities at university as received from students, faculty members.

The members had a detailed discussion on the different aspects of feedbacks received and also the necessary action taken on the same by the competent authority.

Resolution: Item no 7
[No.: BOS/QSHS/DP/2022/7]

UNANIMOUSLY RESOLVED THAT the necessary action taken and suggestions has been incorporated subject to the final approval of the Academic Council (Annexure-6)

Item No. 8
[No.: BOS/QSHS/DP/2022/8]

The Chairman and the BOS members deliberated and approved some new introduced subjects in session 2022-23.

Resolution: Item no 8
[No.: BOS/QSHS/DP/2022/8]

UNANIMOUSLY RESOLVED THAT the necessary action taken and suggestions has been incorporated for the new introduced subject to the final approval of the Academic Council. (Annexure-7)

Item No. 9
[No.: BOS/QSHS/DP/2022/9]

Discussion & approval of the revision of syllabus of program Diploma in Pharmacy and Bachelor of Pharmacy from the academic session 2022-23.

Dr. Praveen Kumar, HOD, briefed about the rationale the revision of syllabus of program Diploma in Pharmacy and Bachelor of Pharmacy from the academic session 2022-23.

Resolution: Item no 9
[No.: BOS/QSHS/DP/2022/9]



HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee



**MINUTES OF
FIFTH BOARD OF STUDIES
IN THE
DEPARTMENT OF APPLIED MEDICAL SCIENCES
(Nutrition & Dietetics)
Held on
31.05.2022**

**Department of Applied Medical Sciences
Quantum School of Health Sciences
Quantum University, Roorkee
2022-2023**

HEAD OF DEPARTMENT
Dept. of Applied Medical Sciences
Quantum University, Roorkee



The meeting of the Board of Studies in the Department of Applied Medical Sciences, Quantum School of Health Sciences was held on **31/05/2022 at 11:00 A.M. on-wards** in the hybrid mode in the principal sir's office for the year 2022-23.

The following members attended the meeting:

S. No.	Name	Signature
1	Dr Kulbir Kaur	External Expert <i>Kulbir</i>
2	Dr Darshika Nigam	Member <i>Darshika Nigam</i>
3	Ms Niharika Vardhan Saxena	Member <i>Niharika</i>
4	Ms Nikita Tyagi	Member <i>Nikita Tyagi</i>
5	Dr Rajwinder Kaur	Member <i>Rajwinder Kaur</i>
6	Mrs Renu Bala Sharma	Member <i>Renu Bala Sharma</i>
7	Mrs Saloni Arora	Chairman <i>Saloni</i>
8	Ms Sneha Sarkar	Member <i>Sneha</i>

The Chairman of the Board, addressed the members and introduced external BOS Members to the board and thanked each one of them for sparing their valuable time to attend the meeting further internal members introduced themselves.

Item no1 The Chairman and the BOS members approved the confirmation of the minutes of BOS held on dated **24/07/2021** for department of Applied Medical Health Sciences.

The members unanimously resolved and approved the minutes of BOS meeting held on dated **24/07/2021** for department of Applied Medical Health Sciences of Bachelor of Science in Nutrition and Dietetics and Masters of Science in Nutrition and Dietetics were hereby confirmed.

Item no 2 The Chairman and the members deliberated and approved the action taken report for academic session 2021-22.

Agenda Item	Description	Action Taken
1	To approve and confirm the minutes of the third BOS held on dated 27/07/2020 for department of Applied Medical Health Sciences	The minutes of the 3 rd BOS was approved by the BOM and widely circulated.
2	To consider and approve the action taken report of the 3 rd	The ATR was approved by the BOM and circulated to the stakeholders.

Item no 9 The Chairman and the BOS members deliberated and approved some new introduced subjects in the academic session 2022-23 for UG program

B.Sc. (N&D)

List of New Introduced subjects in 2022			
S. No	Subject Name	Subject Code	Year of Introduction
1	Human Development during Life Cycle	ND3520	2022
2	Biostatistics & Research Methodology	RD3617	2022
3	Health Psychology	ND3621	2022
4	Resource Management & Extensive Education	ND3623	2022

The members **UNANIMOUSLY RESOLVED THAT** the necessary action taken and suggestions has been incorporated new introduced subjects to the final approval of the Academic Council.

Item no 10 The Chairman and the BOS members deliberated and approved some new introduced subjects in the academic session 2022-23 for PG program.

M.Sc. (N&D)

List of New introduced subjects in 2022			
S.No.	Subject Name	Subject Code	Year of Introduction
1	Research Methodology and Biostatistics	ND4207	2022
2	Research methodology & Computer Application Lab	ND4244	2022
3	Clinical Psychology	ND4216	2022

The members **UNANIMOUSLY RESOLVED THAT** the necessary action taken and suggestions has been incorporated new introduced subjects to the final approval of the Academic Council.

Rajesh
Sinha

AD Tyagi

Renu

Niharika

Salona
HEAD OF DEPARTMENT
Applied Medical Sciences
Quantum University, Raikote

Board of Studies

Department of Hospitality & Tourism

Dated: 31-05-2022



Quantum School of Hospitality & Tourism

Quantum University, Roorkee


HEAD OF DEPARTMENT
Dept. of Hospitality & Tourism
Quantum University, Roorkee



Board of Studies

Department of Hospitality & Tourism

AGENDA

Date:- 27/05/2022

The meeting of the Board of Studies in Department of Hospitality & Tourism for the year 2021-22, will be held on **31/05/2022** at **10:00am** in Board Room Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes from the Board of Studies meeting conducted on 14/08/2021, for the Department of Hospitality & Tourism.
2. To consider and approve the Action taken report of the previous meeting.
3. Review and discussion on the feedback provided by students and faculty members on the curriculum for BHM.
4. To discuss and approve of the incorporation of a new introduced courses in 1st year and 2nd year, along with its syllabus, into the Bachelor of Hotel Management program in 2022-23.
5. To discuss and approve initiatives focused on improving employability and skills in the Bachelor of Hotel Management program
6. To discuss and approve additional value added courses for the Bachelor of Hotel Management program
7. To discuss and approve program and course content that includes elements such as field projects, research projects, and internships within the Bachelor of Hotel Management program.
8. To discuss and approve a new set of topics related to professional ethics, gender awareness, human values, environmental sustainability, and social responsibility applicable from 2021-22 within the Bachelor of Hotel Management program

HEAD OF DEPARTMENT
Department of Hospitality and Tourism
Quantum University, Roorkee



Communication Skills	More students presentations are required to be implemented	Incorporated in Assignment, flip classes, mini projects supervised by teachers
Orientation	Orientation program should be more elaborative and informative.	Information regarding major and minor courses need to be given at the time of orientation only.

Based on above recommendations the syllabus is modified as per the requirement, which is applied for syllabus for 2022-26 batch.

4. To discuss and approve of the incorporation of a new introduced courses in 1st year and 2nd year, along with its syllabus, into the Bachelor of Hotel Management program

The chairman informed that the new subjects are being introduced in this batch, the list is as follows

S. N.	Name of the New courses introduced in the session 2019-20	Course code	Year of Introduction
New Courses Introduced in 1st year in the session 2022-23			
1	Front Office Foundation-I	HM3114	2022-23
2	Housekeeping Foundation-I	HM3115	2022-23
3	Introduction to Hospitality and Tourism Industry	HM3116	2022-23
4	Front Office Foundation-I Lab	HM3147	2022-23

HEAD OF DEPARTMENT
Dept. of Hospitality and Tourism
Quantum University, Roorkee

5	Housekeeping Foundation-I Lab	HM3148	2022-23
6	Front Office Foundation-II	HM3216	2022-23
7	Housekeeping Foundation-II	HM3217	2022-23
8	Concept and Practices in Tourism	HM3218	2022-23
9	Front Office Foundation-II Lab	HM3247	2022-23
10	Housekeeping Foundation-II Lab	HM3248	2022-23
New Courses Introduced in 2nd year in the session 2022-23			
11	Tour Operation and Management	HM3416	2022-23

The BOS members resolved to approve newly introduced courses in the Bachelor of Hotel management program for the session 2021-22.

5. To discuss and approve initiatives focused on improving employability and skills within the Bachelor of Hotel Management program.

The BOS members discussed and approved a list (*in continuation of 2018-19*) of subjects (*newly introduced courses*), encompassing theory and lab components, designed to enhance employability, entrepreneurship, and skill development for the Bachelor of Hotel management

List (*in continuation of 2018-19*) of Courses Focus (*Newly introduced*) on Employability/ Entrepreneurship/ Skill Development in Bachelor of Hotel Management.







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 Dept. of Hospitality and Tourism
 Quantum University, Roorkee

Board of Studies
Department of Law



Department of Law
Quantum School of Law
Quantum University



BOARD OF STUDIES

DEPARTMENT OF LAW

B.A.LL.B (HONS)/BBA.LL.B (HONS) (2022-27)

AGENDA

Date: 05-06-2022

The meeting of the Board of Studies in Department of Law for the year 2022-23, will be held on 07-06-2022 at 10:00 A.M in Board Room, Quantum University.

The following agenda will be discussed in the meeting:

1. Confirmation of the minutes for BOS held on 18-08-2021 for Integrated Bachelor of Arts and Bachelor of Law (Hons) and Integrated Bachelor of Business Administration and Bachelor of Law (Hons) of Department Curriculum.
2. To consider and approve Action taken report of previous board of studies for session 2021-22.
3. To discuss and approve the New Introduced Courses for session 2022-23 in Integrated Bachelor of Arts and Bachelor of Law (Hons) and Integrated Bachelor of Business Administration and Bachelor of Law (Hons) Programmes.
4. To approve the list of subjects related to employability/entrepreneurship/skill development being followed in the 2022-23.
5. To discuss and approve the Value Added Courses in Integrated Bachelor of Arts and Bachelor of Law (Hons) Integrated Bachelor of Business Administration and Bachelor of Law (Hons)
6. To discuss and approve the program and course content having elements of field projects /Research project/ Internships.
7. To discuss and approve the list courses based on Professional Ethics, Gender, Human Values, Environment and Sustainability.
8. Discussion on the feedback received from students and faculty members.



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To discuss and approve the New Introduced Courses for session 2022-23 in Integrated Bachelor of Arts and Bachelor of Law (Hons) and Integrated Bachelor of Business Administration and Bachelor of Law (Hons) Programmes.

The internal members of the Board introduced the list of new courses set to be included in the curriculum for the 2022-23 academic session, encompassing the Integrated Bachelor of Arts and Bachelor of Law (Hons) as well as the Integrated Bachelor of Business Administration and Bachelor of Law (Hons) programs. The Board subsequently granted their approval for this list.

The approved list of newly introduced courses for the 2022-23 Academic year is as follows:

THE LIST OF NEWLY INTRODUCED COURSES OF B.A.LL.B (HONS)/ BB.A.LL.B (HONS)

SEMESTER 5

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
LW5501	PC	Constitutional Law-I	5	1	0	6	1	Nil
LW5502	PC	Law of Crime-I (I.P.C)	5	1	0	6	1	Nil
LW5503	PC	Labour and Industrial Law-I	5	1	0	6	1	Nil
LW5504	PC	Health Law	5	1	0	6	1	Nil
	PE	Program Elective-I	5	1	0	6	1	Nil
LW5506	PC	Bankruptcy & Insolvency	5	1	0	6	1	Nil
VP3505	VP	Social Media and Digital Transformation	1	0	2	2	1	Nil
GP5501	GP	General Proficiency	0	0	0	1	1	Nil
		TOTAL	3	6	2	3		
		L	1			9		

Programme Elective-I

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
LW5515	PE	Land Law Including Tenure Tenancy System	5	1	0	6	1	Nil
LW5525	PE	Telecommunication Law	5	1	0	6	1	Nil

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LW5535	PE	Women and Law	5	1	0	6	1	Nil
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SEMESTER 6

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
LW5601	PC	Constitutional Law- II	5	1	0	6	2	Nil
LW5602	PC	Law of Crime-II (Cr.P.C)	5	1	0	6	2	Nil
LW5603	PC	Labour and Industrial Law-II	5	1	0	6	2	Nil
LW5604	PC	Corporate Governance	5	1	0	6	1	Nil
	PE	Programme Elective-II	5	1	0	6	1	Nil
LW5606	PC	Investment and Competition law	5	1	0	6	1	Nil
VP3607	VP	Computer Aided Law Practice	1	0	2	2	1	Nil
GP5601	GP	General Proficiency	0	0	0	1	1	
LW5607	PC	Summer Internship-III	0	1	2	2		
TOTAL			31	7	4	41		

Programme Elective-II

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
LW5615	PE	Interpretation of statue	5	1	0	6	1	Nil
LW5625	PE	Criminology	5	1	0	6	1	Nil
LW5635	PE	International Commercial Law	5	1	0	6	1	Nil

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Shauhan
Agarwal

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