

QUANTUM UNIVERSITY ROORKEE



THE MINUTES OF EXTRACTED BOARD OF STUDIES FOR NEW INTRODUCED COURSES



Registrar
Quantum University

Session (2018-19)

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Registrar
Quantum University

Board of Studies

Department of Computer Science & Engineering

Session- 2018-19



Quantum School of Technology

Quantum University, Roorkee




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

BOARD OF STUDIES
of
Department of Computer Science &
Engineering
AGENDA

Date:- 01-03-2018

The meeting of the Board of Studies of the Department of Computer Science & Engineering for the year 2018-19, will be held on **03-03-2018 at 11.00 A.M.** in Department of Computer Science & Engineering, Quantum University, Roorkee.

The following agenda items will be discussed in the meeting:

1. Quantum University, Roorkee introduced a new program Bachelor of Technology in Computer Science & Engineering in the Department of Computer Science and Engineering.
2. Quantum University, Roorkee introduced another new program Master of Technology in Computer Science and Engineering in the Department of Computer Science and Engineering.
3. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Technology in Computer Science and Engineering
4. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Master of Technology in Computer Science and Engineering
5. To discuss and approve the List of Employability/ Entrepreneurship/ Skill development in Bachelor of Technology in Computer Science and Engineering
6. To discuss and approve the List of Employability/ Entrepreneurship/ Skill development in Master of Technology in Computer Science and Engineering
7. To discuss and approve the New Introduced Courses in Bachelor of Technology in Computer Science & Engineering




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Quantum University, Roorkee

8. To discuss and approve the new introduced courses in Master of Technology in Computer Science and Engineering

9. To discuss and approve the program and course content having elements of field projects/Research projects/Internship in Bachelor of Technology in Computer Science & Engineering

10. To discuss and approve the program and course content having elements of field projects/Research projects in Master of Technology in Computer Science & Engineering

11. To discuss and approve the Scheme & Pattern of Examination in Bachelor of Technology in Computer Science & Engineering

12. To discuss and approve the Scheme & Pattern of Examination in Master of Technology in Computer Science & Engineering

13. To discuss and approve the list of Professional Ethics, Gender, Human Values, Environment and Sustainability

14. To consider and approved the scheme and detailed syllabus for Batch 2018-22 for Bachelor of Technology in Computer Science & Engineering

15. To consider and approved the scheme and detailed syllabus for Batch 2018-22 for Master of Technology in Computer Science and Engineering

16. Any other matter with the permission of Chair.




HEAD OF DEPARTMENT
Dept. of Computer Science & Engineering
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4	Advanced Operating Systems	CS3205	2018-19	Emp /Ent /S
5	Advanced Computer Architecture	CS3242	2018-19	Emp /Ent /S
6	Advanced Operating Systems Lab	CS3243	2018-19	Emp /Ent /S
7	Seminar-I	CS3244	2018-19	Emp /S
8	Advanced Data Base Management System	CS4208	2018-19	Emp /Ent /S
9	Advanced Data Base Management System Lab	CS4241	2018-19	Emp /Ent /S
10	Web Technology	CS4209	2018-19	Emp /Ent /S
11	Advanced Theory of Computation	CS4210	2018-19	Emp /Ent /S
12	Data Mining and Data Warehousing	CS4211	2018-19	Emp /Ent /S
13	Modeling and Simulation	CS4212	2018-19	Emp /Ent /S
14	Soft Computing	CS4213	2018-19	Emp /Ent /S
15	Artificial Intelligence	CS4214	2018-19	Emp /Ent /S
16	Seminar-II	CS4271	2018-19	Emp /S

RESOLUTION: The List of Subjects that enables Employability/ Entrepreneurship/Skill Development of Master of Technology in Computer Science & Engineering was unanimously approved.

7. To discuss and approve the New Introduced Courses in Bachelor of Technology in Computer Science & Engineering for Session 2018-19.

As the program will be running for very first time in Quantum University for Session 2018-19, all the courses offered in 2018-19 is considered as New introduced Courses


HEAD OF DEPARTMENT
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in 2018-19. The Chairman and the BOS members deliberated and approved the list of all New Introduced subjects of Bachelor of Technology in Computer Science & Engineering in the academic session 2018-19 as follows

Dept Name	Department of Computer Science & Engineering		
Program Name	Bachelor of Technology in Computer Science & Engineering		
Batch	2018-2022		
List of New Introduced Course			
Sr. No.	Course Name	Course Code	Introduction of Course
1	Mathematics I	MA3101	2018
2	Engineering Physics	PH3101	2018
3	Professional Communication	EG3102	2018
4	Basics of Computer and C Programming	CS3101	2018
5	Engineering Economics	MB3101	2018
6	Basic Mechanical Engineering	ME3101	2018
7	Engineering Physics Lab	PH3140	2018
8	Professional Communication Lab	EG3140	2018
9	Basics of Computer and C Programming Lab	CS3140	2018
10	Workshop Practice	ME3140	2018
11	Communication & Professional Skills -I	VP3101	2018
12	Mathematics – II	MA3201	2018
13	Computer Programming	CS3201	2018
14	Human Values and Ethics	PS3101	2018
15	Environmental Studies	CY3205	2018
16	Basic Electrical and Electronics Engineering	EC3101	2018
17	Principles of Management	MB3201	2018
18	Computer Programming Lab	CS3240	2018
19	Basic Electrical and Electronics Engineering Lab	EC3140	2018
20	Engineering Graphics	ME3141	2018
21	Communication & Professional Skills -II	VP3201	2018
22	Disaster Management	CE 3101	2018

RESOLUTION: The BOS approved the list of new introduced courses in B.Tech. (CSE) program for 2018-19 session.


HEAD OF DEPARTMENT
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8. To discuss and approve the new introduced courses in Master of Technology in Computer Science and Engineering.

Similarly, the Chairman and other members of the BOS identified the list of new introduced courses of Master of Technology in Computer Science & Engineering in 2018-19 as the program is being offered for very first time in the university. The list is attached herewith

Dept Name	Department of Computer Science & Engineering		
Program Name	Master of Technology in Computer Science and Engineering		
Batch	2018-2020		
List of New Introduced Course in 2018-19			
Sr. No.	Course Name	Course Code	Introduction of Course
1	Advanced Discrete Structure	CS4106	2018
2	Advanced Design and Analysis of Algorithm	CS4107	2018
3	Computer Network and Distributed Systems	CS4108	2018
4	Advanced Operating Systems	CS4109	2018
5	Advanced Computer Architecture	CS 4110	2018
6	Advanced Operating Systems Lab	CS4141	2018
7	Seminar-I	CS4171	2018
8	Advanced Data Base Management System	CS4208	2018
9	Advanced Data Base Management System Lab	CS4241	2018
10	Web Technology	CS4209	2018
11	Advanced Theory of Computation	CS4210	2018
12	Data Mining and Data Warehousing	CS4211	2018
13	Modeling and Simulation	CS4212	2018
14	Soft Computing	CS4213	2018
15	Artificial Intelligence	CS4214	2018


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Quantum University, Roorkee



16	Seminar-II	CS4271	2018
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RESOLUTION: It considered and resolved that the new introduced subjects in curriculum of Master of Technology in Computer Science & Engineering as the above list is approved for inclusion.

9. To discuss and approve the program and course content having elements of field projects/Research projects/Internship in Bachelor of Technology in Computer Science & Engineering.

The Chairman and the BOS members deliberated and approved the program and course content having elements of field projects/Research projects/Internship of Bachelor of Technology in Computer Science & Engineering. The BOS members were of the opinion that in a UG(Under Graduate) program in Computer Science Engineering projects and field work play a pivotal role. They provide hands-on experience, fostering practical skills in design, development, and problem-solving. Projects expose students to real-world challenges, enhancing their adaptability and teamwork. Field work connects theory to industry, offering valuable networking and career opportunities.

Therefore, it was strongly recommended that both programs must incorporate Project/internship and Field work in the later stage of the program.

RESOLUTION: It was resolved that the list of course that provide field project / research project / internship of in Bachelor of Technology in Computer Science & Engineering is strongly recommended in the later stage of the program.


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



Board of Studies

of

Department of Mechanical Engineering

Session: 2018-19



Department of Mechanical Engineering

Quantum School of Technology

Quantum University, Roorkee



BOARD OF STUDIES OF THE DEPARTMENT OF MECHANICAL ENGINEERING

AGENDA

Date:-21.03.2018

The meeting of the Board of Studies in the Department of Mechanical Engineering for the year 2018-19, will be held on 24.03.2018 & 11:00 am in the Boardroom, Quantum University, Roorkee.

The following agenda items will be discussed in the meeting:

1. Quantum University, Roorkee introduced a new undergraduate program Bachelor of Technology (4 years) in Mechanical Engineering, Master of Technology in Thermal Engineering (Two Years) and BVoc in Automotive Manufacturing Technology (Three Years) in the Department of Mechanical engineering.
2. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Technology.
3. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Master of Technology in Thermal Engineering.
4. To discuss and approve the list of employability/entrepreneurship/skill development courses in Bachelor of Technology in Mechanical Engineering.
5. To discuss and approve the list of employability/entrepreneurship/skill development courses in Master of Technology in Thermal Engineering, M.Tech. (TE).
6. To discuss and approve the list of employability/entrepreneurship/skill development courses in B.Voc (AMT).
7. To discuss and approve the new introduced courses in Bachelor of Technology in Mechanical Engineering.
8. To discuss and approve the new introduced courses in Master of Technology in Thermal Engineering
9. To discuss and approve the new introduced courses in BVoc in Advanced Manufacturing Technology.
10. To discuss and approve the Scheme & Pattern of Examination in Bachelor of Technology in Mechanical Engineering.


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



The Chairman and member of BOS discussed and approved the List of Subjects including Theory and Labs provide Employability/Entrepreneurship/Skill Development of Master of Technology in Thermal Engineering and these subjects will be finalized after the approval of Academic Council

Annexure 4

RESOLUTION

Unanimously resolved the List of Subjects that provides the List of Employability/ Entrepreneurship/Skill Development of Master of Technology in Thermal Engineering These are appreciated and approved with the suggested changes and is subject to the final approval of Academic Council

Item No 6: To discuss and approve the list of employability/entrepreneurship/skill development courses in B.Voc (AMT).

The Chairman and member of BOS discussed and approved the List of courses including Theory and Labs to provide Employability/Entrepreneurship/Skill Development in programme BVoc in Automotive Manufacturing Technology(AMT).

Annexure 5

RESOLUTION

Unanimously resolved the List of Subjects that provides the List of Employability/ Entrepreneurship/Skill Development of BVoc in Automotive Manufacturing Technology(AMT).These are appreciated and approved with the suggested changes and is subject to the final approval of Academic Council

Item No. 7: To discuss and approve the new introduced courses in Bachelor of Technology in Mechanical Engineering.

The Chairman and the BOS members deliberated and approved some New Introduced subjects of Bachelor of Technology in Mechanical Engineering in the academic session 2018-19

Annexure 6

RESOLUTION

Unanimously Resolved that the necessary action taken and suggestions has been incorporated new introduced subjects to the final approval of the Academic Council.


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



Item No. 8: To discuss and approve the new introduced courses in Master of Technology in Thermal Engineering

The Chairman and the BOS members deliberated and approved some New Introduced subjects of Master of Technology in Thermal Engineering.

Annexure 7

RESOLUTION:

Unanimously Resolved that the necessary action taken and suggestions has been incorporated new introduced subjects of Master of Technology in Thermal Engineering to the final approval of the Academic Council.

Item No. 9: To discuss and approve the new introduced courses in BVoc in Advanced Manufacturing Technology

The Chairman and the BOS members deliberated and approved some New Introduced subjects of BVoc in Advanced Manufacturing Technology

Annexure 8

RESOLUTION:

Unanimously Resolved that the necessary action taken and suggestions has been incorporated new introduced subjects of BVoc in Advanced Manufacturing Technology to the final approval of the Academic Council.

Item No. 10 To discuss and approve the Scheme & Pattern of Examination in Bachelor of Technology in Mechanical Engineering

The Chairman and the BOS members deliberated and approved to discuss on the Scheme of Bachelor of Technology in Mechanical Engineering & Pattern of Examination.

Annexure 9

RESOLUTION:

Unanimously resolved that the agenda for theory and practical exam of Bachelor of Technology in Mechanical Engineering.


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







Board of Studies

Department of Civil Engineering

[2018-19]

Quantum School of Technology
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Dept. of Civil Engineering
Quantum University, Roorkee

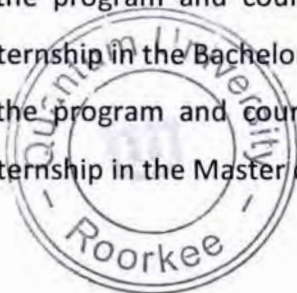
BOARD OF STUDIES
Department of Civil Engineering
AGENDA

Date:-28/03/2018

The meeting of the Board of Studies in the Department of Civil Engineering for the academic year 2018-19 will be held on March 31, 2018, at 11:00 AM in the Department of Civil Engineering at Quantum University, Roorkee

The meeting will cover the following agenda items:

1. Introduction of a new program - Bachelor of Technology in Civil Engineering in the Department of Civil Engineering at Quantum University, Roorkee.
2. Introduction of another new program - Master of Technology in Structural Engineering in the Department of Civil Engineering at Quantum University, Roorkee.
3. Discussion and approval of the implementation of the Choice Based Credit System (CBCS) in the Bachelor of Technology program from the Academic Session 2018-19.
4. Discussion and approval of the implementation of the Choice Based Credit System (CBCS) in the Master of Technology in Structural Engineering program from the Academic Session 2018-19.
5. Discussion and approval of the List of Employability/Entrepreneurship/Skill development in the Bachelor of Technology in Civil Engineering.
6. Discussion and approval of the List of Employability/Entrepreneurship/Skill development in the Master of Technology in Structural Engineering.
7. Discussion and approval of the New Introduced Courses in the Bachelor of Technology in Civil Engineering.
8. Discussion and approval of the New Introduced Courses in the Master of Technology in Structural Engineering.
9. Discussion and approval of the program and course content containing elements of field projects/Research projects/Internship in the Bachelor of Technology in Civil Engineering.
10. Discussion and approval of the program and course content containing elements of field projects/Research projects/Internship in the Master of Technology in Structural Engineering.



HEAD OF DEPARTMENT
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Identified List of Courses Focus on Employability/ Entrepreneurship/ Skill Development in Master of Technology in Structural Engineering

S.N O	Name of the Course	Course Code	Year of introduction	Employability/Entrepreneurship/Skill development (Em/En/Sd)
1	Structural Analysis-A Matrix Approach	CE4101	2018-19	Em,En,Sd
2	Advance Construction Techniques	CE4102	2018-19	Em,En,Sd
3	Advanced Design of Concrete Structures	CE4103	2018-19	Em,En,Sd
4	Bridge Design	CE4104	2018-19	Em,En,Sd
5	Seminar	CE4170	2018-19	Em,En,Sd
6	Advanced Design of Steel Structures	CE4201	2018-19	Em,En,Sd
7	Design of Pre-stressed Concrete Structures	CE4202	2018-19	Em,En,Sd
8	RCC Design Lab	CE4240	2018-19	Em, Sd
9	Design of Tall Buildings	CE4206	2018-19	Em,En,Sd
10	Theory of Plates and Shells	CE4207	2018-19	Em,En,Sd
11	Fire Resistance of Structures	CE4208	2018-19	Em,En,Sd
12	Safety of Structures	CE4301	2018-19	Em,En,Sd
13	Soil Structure Interaction	CE4302	2018-19	Em,En,Sd
14	Environment Impact Assessment	CE4303	2018-19	Em,En,Sd
15	Seminar	CE4270	2018-19	Em,En,Sd

Resolution: The list of courses promoting Employability, Entrepreneurship, and Skill Development within the curriculum of the Masters of Technology in Structural Engineering program was considered and approved by the BOS. The proposed changes have been accepted and endorsed and recommended to be included into the curriculum.

7. Discussion and approval of the New Introduced Courses in the Bachelor of Technology in Civil Engineering



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Dept. of Civil Engineering
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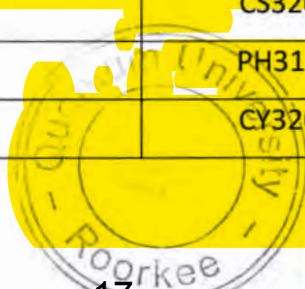


The Chairman apprised the board about identification of various courses after consulting AICTE Curriculum, leading university syllabus and industry demands. As the program will run for the very first time under Quantum University in session 2018-19, all the 1st year courses will be considered as new introduced courses in session 2018-19. The members presented a list of new introduced courses for the academic session 2018-19. BOS approved the inclusion of the list into the curriculum also.

Resolution: The newly introduced subjects for the Bachelor of Technology in Civil Engineering program have received approval from the BOS for the academic session 2018-19 as per the List below.

List of the New Courses Introduced in 2018-19 in Bachelor of Technology in Civil Engineering

S. N.	Name of the New courses introduced	Course code	Year of Introduction
1	Mathematics-I	MA3101	2018-19
2	Human Values and Ethics	PS3101	2018-19
3	Basics of Computer and C Programming	CS3101	2018-19
4	Engineering Economics	MB3101	2018-19
5	Basic Electrical and Electronics Engineering	EC3101	2018-19
6	Professional Communication	EG3102	2018-19
7	Basics of Computer and C Programming lab	CS3140	2018-19
8	Professional Communication lab	EG3140	2018-19
9	Basic Electrical and Electronics Engineering Lab	EC3140	2018-19
10	Engineering Graphics	ME3141	2018-19
11	Value Added Program-I		2018-19
12	Disaster Management*	CE 3101	2018-19
13	Mathematics-II	MA3201	2018-19
14	Computer Programming	CS3201	2018-19
15	Engineering Physics	PH3101	2018-19
16	Environmental Studies	CY3205	2018-19



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17	Basic Mechanical Engineering	ME3101	2018-19
18	Principles of Management	MB3201	2018-19
19	Computer Programming Lab	CS3240	2018-19
20	Engineering Physics lab	PH3140	2018-19
21	Workshop Practice	ME3140	2018-19
22	Value Added Program-II		2018-19

7. Discussion and approval of the New Introduced Courses in the Master of Technology in Structural Engineering

BOS also deliberated and granted approval for the introduction of new subjects in the Master of Technology in Structural Engineering program.

Resolution: The newly introduced subjects within the Master of Technology in Structural Engineering program have been approved by the BOS for the academic session 2018-19 with valuable suggestions. The necessary actions and suggestions related to these subjects have been incorporated.

List of the New Courses Introduced in 2018-19 in Master of Technology in Structural Engineering

S. N.	Name of the New courses introduced	Course code	Year of Introduction
1	Structural Analysis-A Matrix Approach	CE4101	2018-19
2	Advance Construction Techniques	CE4102	2018-19
3	Advanced Design of Concrete Structures	CE4103	2018-19
4	Bridge Design	CE4104	2018-19
5	Seminar	CE4170	2018-19
6	Advanced Design of Steel Structures	CE4201	2018-19
7	Design of Pre-stressed Concrete Structures	CE4202	2018-19
8	RCC Design Lab	CE4240	2018-19
9	Design of Tall Buildings	CE4206	2018-19
10	Theory of Plates and Shells	CE4207	2018-19
11	Fire Resistance of Structures	CE4208	2018-19
12	Safety of Structures	CE4301	2018-19
13	Soil Structure Interaction	CE4302	2018-19
14	Environment Impact Assessment	CE4303	2018-19

15	Seminar	CE4270	2018-19
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8. Discussion and approval of the program and course content containing elements of field projects/Research projects/Internship in the Bachelor of Technology in Civil Engineering.

BOS deliberated and provided approval for the program and course content that include elements of field projects, research projects, and internships within the Bachelor of Technology in Civil Engineering curriculum.

Resolution: The program and course content for the Bachelor of Technology in Civil Engineering program, including field projects, research projects, and internships, were discussed and recommended to include in later years of the program as follows:

S. No.	Recommended components of field projects/research projects/internships along with course code	Semester	Credit
1	Survey Camp (CE3571)	5	4
2	Internship Presentation (CE3770)	7	2
3	Project (CE3870)	8	4

9. Discussion and approval of the program and course content containing elements of field projects/Research projects/Internship in the Master of Technology in Structural Engineering.

The Members deliberated and consented to include elements of field projects, research projects, and internships within the Master of Technology in Structural Engineering curriculum. BOS recommend the list of the courses, which is to be included 2nd year of the program as follows.

Resolution: The program and course content for the Master of Technology in Structural Engineering program, including field projects, research projects, and internships, were discussed and approved by the BOS. These courses are appreciated and endorsed, pending the final approval of the academic council for the academic session 2018-19.



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



Board of Studies

Department of Computer Applications

Session- 2018-19



Department of Computer Applications

Quantum School of Technology

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

**Board of Studies
in the
Department of Computer Applications**

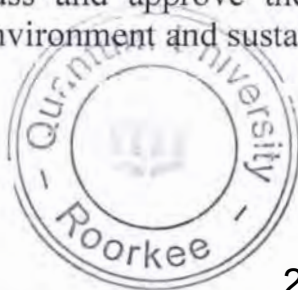
AGENDA

Date-01/03/2018

The meeting of the Board of Studies in **Department of Computer Applications** for the year 2018-19, will be held on **3/03/2018 at 11 AM** in the Board Room, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Quantum University introduced a new program Bachelor of Computer Applications in the department of Computer Applications.
2. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Computer Applications Programme from Academic Session 2018-19.
3. To discuss and approve the list of employability/entrepreneurship/skill development.
4. To discuss and approve the Value-Added Courses in Bachelor of Computer Applications.
5. To discuss and approve the new introduced courses in Bachelor of Computer Applications.
6. To discuss and approve the program and course content having element of field project/research project and internship.
7. To discuss and update on the Scheme & Pattern of Examination.
8. To discuss and approve the list of professional ethics, gender, human values, environment and sustainability




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Dept. of Computer Applications
Quantum University, Roorkee

The board discuss about value added courses which are optional and offered outside the curriculum of the program.

S.No	Program Name	Name of VAC	Year of Offering
1	Bachelor of Computer Applications	English Advance Communication Certificate From Rosemount	2018-2019

Resolution:The BoS members approved the above-mentioned list in both categories with syllabus and course outcome.

5.To discuss and approve the new introduced courses in Bachelor of Computer Applications

As the program will be running for very first time in Quantum University for Session 2018-19, all the courses offered in 2018-19 is considered as New introduced Courses in 2018-19. The Chairman and the BOS members deliberated and approved the list of all New Introduced subjects in Bachelor of Computer Applications in the academic session 2018-19 as follows:

S. N.	Subject Name	Subject Code	Year of introduction
1	Programming in C	CA 3101	2018-19
2	Discrete Mathematics	CA 3102	2018-19
3	Human Values & Ethics	PS 3102	2018-19
4	Open Office and Linux	CA 3103	2018-19
5	English Communication	EG 3103	2018-19
6	Programming in C-Lab	CA 3141	2018-19
7	Open Office Using Linux Lab	CA 3142	2018-19
8	Value Added Program -I	VP3101	2018-19
9	Programming Using C#.Net	CA3201	2018-19



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9	Programming Using C#.Net	CA 3201	2018-19
10	Fundamentals of Data Structures	CA 3202	2018-19
11	Object Oriented Programming Using C++	CA 3203	2018-19
12	Programming Using C# .Net Lab	CA 3240	2018-19
13	Data Structures Using C++ Lab	CA 3241	2018-19
14	Value Added Program -II	VP3201	2018-19

RESOLUTION: Unanimously resolved that the necessary action taken and suggestions has been taken for the new introduced courses to the final approval of the Academic Council.

6.To discuss and approve the program and course content having element of field project/research project and internship.

The chairman and BOS members discussed and approved the program and course content having element of field project/research project/internship. These Programme will be finalized after the approval of academic session of 2018-21

S.NO	Name of Programme	components of field projects/research projects/internships along with course code
1	Bachelor of Computer Applications	Internship Presentation(CA3370)
2	Bachelor of Computer Applications	Internship Presentation(CA3570)
3	Bachelor of Computer Applications	PROJECT(CA3640)

RESOLUTION: Unanimously resolved that list of programme and course content that provide field approval of academic council.



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

Board of Studies
of
Department of Business Administration

(Dated: 05/04/2018)



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



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



BOARD OF STUDIES
DEPARTMENT OF BUSINESS ADMINISTRATION
AGENDA

Date:-03/04/2018

The meeting of the Board of Studies in the Department of BUSINESS ADMINISTRATION for the year 2018-21, will be held on **05/04/2018 at 10:00 AM** in the Board Room, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Introduction of two new programs by Quantum University under the Department of Business Administration namely, Bachelor of Business Administration (Three Year Undergraduate Program) and Master of Business Administration (Two Year Postgraduate Program) from session 2018-19.
2. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Business Administration and Master of Business Administration Programme from 2018-19 onwards.
3. To discuss and approve the New Introduced Courses in 2018-19 in MBA and BBA Program
4. To discuss and approve the list of subjects including theory and Lab provide Employability / Entrepreneurship / Skill Development.
5. To discuss the subjects providing Industrial exposure to the students.
6. To discuss and approve the Value Added Courses in the Department of Business Administration
7. To discuss and update the Evaluation Pattern of the examination and to approve the panel of Examiners for End semester Examination during the session 2018-19
8. To discuss and approve the Credit Scheme and Structure of Curriculum for MBA and BBA Program for 2018-19
9. Any other matter with the permission of Chair




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





10	Disaster Management*					--
TOTAL		30	33	22	19	104

2.2 The members of BOS discussed and adopted the Choice Based Credit System (CBCS) and UGC Guidelines in designing the curriculum for Bachelor of Business Administration (BBA) starting from 2018-19 onwards.

SEMESTER-WISE BREAKUP OF CREDITS

Sr.No	CATEGORY	SEM1	SEM2	SEM3	SEM4	SEM5	SEM6	TOTAL
1	Foundation Core	2	4	2	-	-	-	8
2	Program Core	16	15	20	20	8	8	87
3	Program Electives	-	-	-	-	8	8	16
4	Open Electives	-	3	3	3	-	-	9
5	Projects	-	-	-	-	-	4	4
6	Internships	-	-	-	-	4	-	4
7	Value Added Program	2	2	2	2	2	2	12
8	GP	1	1	1	1	1	-	5
9	Disaster Management*							2*
TOTAL		21	25	28	26	23	22	145

*Non-CGPA Audit Course

The BOS approved the adoption of CBCS as per UGC and AICTE guidelines for MBA and BBA programs being started from session 2018-19

Item No 3

To discuss and approve the Newly Introduced Courses in 2018-19 in MBA and BBA Program

Foradeep



Tom

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

P. K. Kulkarni

3.1 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 2018-19.

The List of Newly Introduced courses in 2018-19 in MBA Program are as follows:

SEMESTER 1

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
MB4101	FC	Professional Communication I	1	0	2	2	1.0	Nil
MB4102	FC	Information Technology for Managers	1	0	2	2	1.0	Nil
MB4103	PC	Principles and Practices of Management	2	0	0	2	1.0	Nil
MB4104	PC	Organizational Behavior	3	0	0	3	1.0	Nil
MB4105	PC	Marketing Management	4	0	0	4	1.0	Nil
MB4106	PC	Statistics for Managers	3	0	0	3	1.0	Nil
MB4107	PC	Financial Accounting	3	0	0	3	1.0	Nil
MB4108	PC	Managerial Economics	3	0	0	3	1.0	Nil
MB4109	PC	Human Resource Management	3	0	0	3	1.0	Nil
MB4170	PC	Mega Project I	0	0	0	2	1.0	Nil
VP4101	VAP	Personality development for Managers I	0	0	4	2	1.0	Nil
GP4101	GP	General Proficiency	0	0	0	1		Nil
		TOTAL	23	0	08	30		

Contact Hrs: 31

Pradeep



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

P. K. Kishore

SEMESTER 2

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
MB4201	FC	Professional Communication II	2	0	0	2	1.0	MB4101
MB4202	PC	Legal Aspects of Business	3	0	0	3	1.0	Nil
MB4203	PC	Cost and Management Accounting	3	0	0	3	1.0	MB4107
MB4204	PC	Operations Research	3	0	0	3	1.0	Nil
MB4205	PC	Financial Management	4	0	0	4	1.0	Nil
MB4206	PC	Business Research Methods	3	0	0	3	1.0	Nil
MB4207	PC	Supply Chain and Operations Management	4	0	0	4	1.0	Nil
MB4208	PC	Business Environment	3	0	0	3	1.0	Nil
MB4209	PC	Entrepreneurship Development	3	0	0	3	1.0	MB4105 MB4107 MB4109
MB4270	PC	Mega Project II	0	0	0	2	1.0	Nil
VP4201	VAP	Personality development for Managers II	0	0	4	2		Nil
GP4201	GP	General Proficiency	0	0	0	1	--	Nil
TOTAL			28	0	4	33		

*Non-CGPA Audit Course

Contact Hrs: 32

3.2 Similarly, the members also presented courses which will run for the very first time in the BBA Program under Quantum University in session 2018-19.

The List of newly introduced courses in 2018-19 in BBA Program is as follows:



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

Pradeep

SEMESTER 1

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
BB3101	EC	BusinessCommunication-1	1	0	2	2	1.0	Nil
BB3102	PC	Principles of Management	4	0	0	4	1.0	Nil
BB3103	PC	Micro Economics	4	0	0	4	1.0	Nil
BB3104	PC	Business Statistics	4	0	0	4	1.0	Nil
BB3105	PC	Financial Accounting	4	0	0	4	1.0	Nil
VP3101	VAP	Value Added Program-I	0	0	4	2	1.0	Nil
GP3101	GP	General Proficiency	0	0	0	1	1.0	Nil
		TOTAL	17	0	6	21		

SEMESTER 2

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
BB3201	EC	Environmental Science	2	0	0	2	1.0	Nil
BB3202	EC	BusinessCommunication-2	2	0	0	2	1.0	Nil
BB3203	PC	Marketing Management	4	0	0	4	1.0	Nil
BB3204	PC	Macro Economics	4	0	0	4	1.0	Nil
BB3205	PC	Organizational Behavior	4	0	0	4	1.0	Nil
BB3206	PC	Business Laws	3	0	0	3	1.0	Nil
BB3207	OE	Open Elective-I	3	0	0	3	1.0	Nil



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Dept. of Business Administration
Quantum University, Roorkee

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VP3201	VAP	Value added program-II	0	0	4	2	1.0	Nil
GP3201	GP	General Proficiency	0	0	0	1	1.0	Nil
CE3201		Disaster Management*(*Non-CGPA Audit Course)	2	0	0	2*	1.0	Nil
		TOTAL	24	0	4	25		

The BOS approved the Newly Introduced in MBA and BBA programs scheduled to be run in session 2018-19 in the department.

Item No 4

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 2018-19

4.1 The members presented a list of proposed courses providing Employability / Entrepreneurship / Skill Development for inclusion in the curriculum of MBA starting in 2018-19 as a part of initiative taken to implement the vision of the department and of the University.

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

Quantum University, Roorkee				
Quantum School of Business				
Department of Business Administration				
List of Courses focus on Employability/ Entrepreneurship/ Skill development				
2018-19				
S. No.	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Professional Communication-I	MB4101	2018-19	Subject will enable students to understand the basic English grammar, speaking in English and communicate effectively.
2	Information Technology for Managers	MB4102	2018-19	Students will be able to work in word, excel and power point module of MS Office along with internet.
3	Principles and Practices of Management	MB4103	2018-19	Help the students to learn functions performed by managers in the organization.



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

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Board of Studies
Department of Commerce and Finance



(05-04-2018)

Department of Commerce and Finance

Quantum School of Graduate Studies

Quantum University



A handwritten signature in blue ink, likely belonging to the Head of Department.

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

BOARD OF STUDIES

DEPARTMENT OF COMMERCE AND FINANCE

B. Com (2018-21)

AGENDA

Date:-02-04-2018

The meeting of the Board of Studies in the Department of Commerce and Finance for the year 2018-21, will be held on **05-04-2018** at **11:00 AM** in Conference Room , Quantum University, Roorkee

The following agenda will be discussed in the meeting:

1. Introduction of a new Programme Bachelor of Commerce ((Three Years Program) in the department of Commerce and Finance.
2. To approve the implementation of Choice Based Credit System (CBCS) in the Bachelor of Commerce Programme from Academic Session 2018-19 in Annexure 1.
3. To discuss and approve the New Introduced Courses in 2018-19 in B.Com Program
4. To approve the list of employability/entrepreneurship/skill development.
5. To discuss and approve the Value-Added Courses in the department of commerce and finance.
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 Professional Ethics, Gender, Human Values, Environment and Sustainability.
8. To discuss and approve the Examination schemes, pattern of examination and list of Examiners for the Programme of Bachelor of Commerce
9. To discuss and finalize the Study Scheme and detailed syllabus on the basis of discussion held in today's meeting for the batch 2018-21



Am *Aditi*

Ants

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

2	Program Core	17	13	13	22	9	9	83
3	Program Electives					12	12	24
4	Open Electives		3	3	3			9
5	Projects	-	-	-	2	-	2	4
6	Internships	-	-	-	-	-	-	-
7	VAPs	-	3	3	-	3		9
8	GP	1	1	1	1	1		5
9	Disaster Management*		2*					2*
TOTAL CREDITS		22	24	20	28	25	23	142

*Non-CGPA Audit Course

Minimum Credit Requirements:

B.Com	: 142 credits
B.Com with Honors Specialization	: 142+09 = 151 credits
B.Com Honors with Banking and Insurance Specialization	: 142+09 = 151 credits

The Board approved the curriculum for Bachelor of Commerce programme based on CBCS that to be offered from July 2018 onwards enrolled students subject to the final approval of Academic Council.

Item No.3

To discuss and approve the New Introduced Courses in 2018-19 in B.Com. Program

The Board's internal members presented the list of new courses scheduled to be offered during the 2018-19 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 2018-19 academic year in the B.Com Program is as follows

The List of Newly Introduced Courses in B.Com Program (Session 2018-19)

SEMESTER I

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
BC3101	FC	Principles of Management	4	0	0	4	1.0	Nil
BC3102	PC	Financial Accounting	5	0	0	5	1.0	Nil
BC3103	PC	Business Economics	4	0	0	4	1.0	Nil
BC3104	PC	Computer Applications in Business	3	0	2	4	1.0	Nil
BC3105	PC	Business Mathematics	4	0	0	4	1.0	Nil
GP3101	GP	General Proficiency	0	0	0	1	1.0	Nil



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

TOTAL	20	0	2	22
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SEMESTER 2

Course Code	Category	Course Title	L	T	P	C	Version	Course Prerequisite
BC3201	EC	Environmental Science	4	0	0	4	1.0	Nil
BC3202	PC	Business Statistics	4	0	0	4	1.0	Nil
BC3203	PC	Business Laws	4	0	0	4	1.0	Nil
BC3204	PC	Financial Management – I	5	0	0	5	1.0	Nil
CE3201		Disaster Management*	2	0	0	0	1.0	Nil
	OE	Open Elective-	3	0	0	3	1.0	Nil
VP3201	VP	PDP for Professional Growth	3	0	0	3	1.0	Nil
GP3201	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			25	0	0	24		

OPEN ELECTIVE I

S.No.	Code	Name	Department (Offering)
1.	CE301	Carbon Emission & Control	Civil Engineering
2.	CS301	HTML5	Computer Science and Engineering
3.	CS302	Mining and Analysis of Big data	Management + CSE
4.	AG301	Ornamental Horticulture	Agriculture
5.	BB301	Entrepreneurial Environment in India	Business & Management
6.	JM301	Media Concept and Process (Print and Electronic)	Journalism
7.	HM301	Indian Cuisine	Hospitality & Tourism
8.	MB301	SAP I	Management
9.	EG301	French Beginner A1	English
10.	CS303	Microsoft Office Specialist (MSO-Word)	Computer Science and Engineering



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Ankur

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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


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



BOARD OF STUDIES

Department of Humanities & Social Sciences

B.A. (Hons.) 2018-19

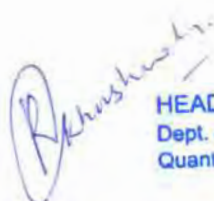
AGENDA

Date: - 31-07-2018

The meeting of the Board of Studies in Department of Humanities and Social Sciences for the year 2018-21, will be held on **02-08-2018 from 10 AM** in the Board Room, Quantum University, Roorkee (Uttara Khand).

The following agenda will be discussed in the meeting:

1. To discuss and approve a new program for Bachelor of Arts (Three Years) in the Department of Humanities and Social Sciences.
2. To Discuss and approve new courses to be introduced in Bachelors of Arts session 2018-19
3. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Arts for batch 2018-21.
4. To discuss and approve the subjects related with Employability/ Skill enhancement/ Entrepreneurship in Bachelor of Arts in the department of Humanities and Social Sciences.
5. To discuss and approve the courses related with Professional Ethics, Human Values, Environment, and Sustainability.
6. To discuss and approve the list of Value-Added Courses for the program Bachelors of Arts.
7. To discuss and approve the program and course contents having elements of field projects /Research project/ Internships.
8. To discuss and approve on the Scheme & Pattern of Examination.



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



Item No. 1:

To discuss and approve a new program for Bachelor of Arts (Three Years) in the Department of Humanities and Social Sciences

In response to the previous year's demand and reviewing trends in the industry, the chairman proposed the introduction of B. A. (Hons.) for the 2018-19 academic session at Quantum University. The members emphasized that the B.A. program may be offered with specialization in Economics.

The proposal was considered by the BOS and recommended for final approval at the forthcoming meeting of the Academic Council.

Item No. 2:

To discuss and approve new courses to be introduced in Bachelors of Arts session 2018-19.

The board resolved to recommend the courses introduced first time in BA(H) Specialization in Economics for session 2018-19

SEMESTER I

Course Code	Category	Course Title	L	T	P	C
PS3101	FC	Human Values & Ethics	2	0	0	2
EM3101	FC	Computer Applications in Business	3	0	2	4
EM3102	PC	Principles of Microeconomics	3	1	0	4
EM3103	PC	Economic History of India	4	0	0	4
EG3101	PC	Communicative English	3	1	0	4
PS3106	PC	Fundamental Psychological Processes I	3	1	0	4
VP3101	VP	Communication & Professional skills I	0	0	2	2
GP3101	GP	General Proficiency	0	0	0	1
TOTAL			18	3	4	25

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



SEMESTER 2

Course	Category	Course title	L	T	P	C
CY3205	FC	Environmental Studies	2	0	0	2
EM3202	PC	Principles of Macroeconomics	3	1	0	4
	PC	Statistical Tools in Economics	4	1	0	5
EM3204	PC	Business Environment	4	0	0	4
PS3206	PC	Fundamental Psychological Processes II	3	1	0	4
	OE	Open Elective I	3	0	0	3
VP3202	VP	Communication & Professional skills II	0	0	2	2
GP3201	GP	General Proficiency	0	0	0	1
CE3201		Disaster Management*	2*	0	0	2*
		TOTAL	22	3	2	27

*Non-CGPA Audit Course

Open Elective I

Course Code	Category	COURSE TITLE	L	T	P	C
CE3011	OE	Carbon Emission & Control	3	0	0	3
CS3021	OE	Mining and Analysis of Big data	3	0	0	3
AG3011	OE	Ornamental Horticulture	3	0	0	3
BB3011	OE	Entrepreneurial Environment in India	3	0	0	3
JM3011	OE	Media Concept and Process (Print and Electronic)	3	0	0	3
HM3011	OE	Indian Cuisine	3	0	0	3
MB3011	OE	SAP I	3	0	0	3
EG3011	OE	French Beginner A1	3	0	0	3
MT3011	OE	Elementary Robotics	0	0	5	3

Item No. 3:

To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Arts for batch 2018-21.

The Board resolved to approve the implementation of Choice Based Credit System (CBCS) for Batch 2018-21 for in the Department of Humanities and Social Sciences as mentioned.


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



BOARD OF STUDIES REPORT

Session (2018-19)

Bachelor of Science (Hons)

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



Neeta Sharma
HEAD OF DEPARTMENT
Dept. of Sciences
Quantum University, Roorkee

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

Date:- 10th March 2018

The meeting of the Board of Studies in the Department of Sciences for the year 2018-19, will be held on 13th March 2018 in Physics Lab, timing 10:00 AM onwards for Bachelor of Science (Hons), Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

- Item No 1. Quantum University introduced a new programme Bachelor of Science (Hons) in the Department of Sciences.**
- Item No 2. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Science (Hons) from Academic Session 2018-19.**
- Item No 3. To discuss about the Academic Activity for providing more Academic/Industrial exposure to students.**
- Item No 4. To discuss and approve the list of employability / entrepreneurship / skill development.**
- Item No 5. To discuss and approve the New Introduced Courses in Bachelor of Science (Hons).**
- Item No 6. To discuss and approve the program and course content having element of field projects /Research project/ Internships.**
- Item No 7. To discuss and approve on the Scheme & Pattern of the Examination.**
- Item No 8. To discuss and approve the list of professional ethics, gender, Human values, Environment and sustainability.**

Any other matter with the permission of Chair



Neeta Sharma
HEAD OF DEPARTMENT
Dept. of Sciences
Quantum University, Roorkee

These 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/2018/3)**

Item No. 5

The chairman and the BOS members deliberated and approved some new introduced subjects in the academic session 2018-19

RESOLUTION

UNANIMOUSLY RESOLVED THAT the necessary action taken and suggestions has been incorporated for new introduced subjects for the final approval of the Academic council 2018-19.

(For the details See Annexure BOS/QSGS/DSC/2018/4)

Item No. 6

The Chairmen and the member of BOS discuss and approve the program and course content having element of field projects /Research project/ Internships. These programs will be finalized after the approval of academic council for academic session 2018-19.

RESOLUTION

UNANIMOUSLY RESOLVED THAT the list of program and course content having element of field projects /Research project/ Internships. These are appreciated and approve by the final approval of academic council. **(For the details See Annexure BOS/QSGS/DSC/2018/5)**

Item No. 7

The chairman and the BOS members deliberated and approved the scheme of Examination.

RESOLUTION

UNANIMOUSLY RESOLVED THAT the Scheme & Pattern of examination for theory and practical exam for the academic session 2018-19. **(For the details See Annexure BOS/QSGS/DSC/2018/6)**

Item No. 8

The chairman and the BOS members deliberated and approved the list of professional ethics, gender, Human values, Environment and sustainability.

RESOLUTION

UNANIMOUSLY RESOLVED THAT the list of professional ethics, gender, Human values, Environment and sustainability for session 2018-19. **(For the details See Annexure BOS/QSGS/DSC/2018/7)**



Neeta Shaw
HEAD OF DEPARTMENT
Dept. of Sciences
Quantum University, Roorkee

BOARD OF STUDIES

Department of Agriculture Studies

2018-19



School of Agricultural Studies

Quantum University, Roorkee




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

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

Date:-28/03/2018

The meeting of the Board of Studies in the Department of Agriculture for the year 2018, will be held on **31/03/2018 at 11.00 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. A new program Bachelor of Science (Hons) in Agriculture, in the Department of Agricultural Studies is proposed to start from the 2018-19 session in Quantum University.
2. To discuss and approve the implementation of Choice Based Credit System (CBCS), in the above mentioned Bachelor of Science (Hons) in Agriculture Program
3. To discuss and approve the new introduced courses in the program he above mentioned Bachelor of Science (Hons) in Agriculture Program for session 2018-19
4. To discuss and approve the list of courses related to Professional Ethics, Human Values, Environment and Sustainability in the syllabus
5. To Consider and approve the panel of examiners for theory and practical examination
6. To discuss and update on the Scheme & Pattern of Examination
7. To discuss and approve the scheme and syllabus of Bachelor of Science (Hons) in Agriculture Four years Undergraduate Degree Program in the session 2018-19 on the basis of above discussed agenda
8. Any other matter with the permission of Chair


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



Resolution Item No. 2 The Board resolved to approve the above proposed curriculum of Bachelor of Science (Hons) in Agriculture course based on CBCS to the final approval to Academic Council.

Item No. 3 To discuss and approve the new introduced courses in the department of Agriculture Studies. The board went through the list of newly introduced program for B.Sc. (Hons) Agriculture for session 2018-19. After deliberation on local and national and global issues through the Government policies, the chairperson appraised that the list is prepared according to the ICAR-5th Dean Committee report.

S. N.	Name of the New Courses Introduced	Course Code	Year of Introduction
1.	Introductory Biology	AG3101	2018-19
2.	Elementary Mathematics	MA3103	2018-19
3.	Agricultural Heritage	AG3102	2018-19
4.	Introductory Biology Lab	AG3140	2018-19
5.	English Communication	EG3103	2018-19
6.	Statistical Methods	MA3104	2018-19
7.	Fundamentals of Computer Applications	CS3102	2018-19
8.	Fundamentals of Agronomy	AG3106	2018-19
9.	Fundamentals of Genetics	AG3107	2018-19
10.	Introductory Agro-meteorology and Climate Change	AG3108	2018-19
11.	Rural Sociology and Educational Psychology	AG3109	2018-19



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 Vinod
 R Kumar
 A. B. Bhowmik
 J. Anand
 C. S. S.

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

12.	English Communication Lab	EG3141	2018-19
13.	Statistical Methods Lab	MA3140	2018-19
14.	Fundamentals of Computer Application Lab	CS3141	2018-19
15.	Fundamentals of Agronomy Lab	AG3141	2018-19
16.	Fundamentals of Genetics Lab	AG3142	2018-19
17.	Introductory Agro-meteorology and Climate Change Lab	AG3143	2018-19
18.	National Service Scheme (NSS -I)	NSS3101	2018-19
19.	Agricultural Microbiology	AG3206	2018-19
20.	Fundamentals of Agricultural Extension Education	AG3207	2018-19
21.	Fundamentals of Crop Physiology	AG3208	2018-19
22.	Fundamentals of Entomology	AG3209	2018-19
23.	Production Technology for Vegetables and Spices	AG3210	2018-19
24.	Fundamentals of Plant Biochemistry and Biotechnology	AG3211	2018-19
25.	Fundamentals of Plant Breeding	AG3212	2018-19
26.	Agricultural Microbiology Lab	AG3240	2018-19
27.	Fundamentals of Agricultural Extension Education Lab	AG3241	2018-19
28.	Fundamentals of Crop Physiology Lab	AG3242	2018-19

APS Vinod. R. Kumar
 A. Beidong
 Roorkee
 Head of Department
 Dept. of
 Studies
 Roorkee

29.	Fundamentals of Entomology Lab	AG3243	2018-19
30.	Production Technology for Vegetables and Spices Lab	AG3244	2018-19
31.	Fundamentals of Plant Biochemistry and Biotechnology Lab	AG3245	2018-19
32.	Fundamentals of Plant Breeding Lab	AG3246	2018-19
33.	National Service Scheme (NSS - II)	NSS3201	2018-19
34.	Communication and Soft skills (VAP)	VP3201	2018-19
35.	Disaster Management	CE3101	2018-19

Resolution Item No. 3 The board went through the scheme and detailed syllabus of newly introduced program B.Sc. (Hons) Agriculture and approve the list of New Introduced Courses for the year 2018-19.

Item No. 4 To discuss and approve the list of courses related to Professional Ethics, Human Values, Environment and Sustainability

The Board discussed the scheme and syllabus of B.Sc. (Hons) Agriculture program and observed that ICAR emphasized on incorporation of the courses related to Professional Ethics, Human Values, Environment and Sustainability for ensuring local, national and global development need.

Resolution Item No. 4:- The board identified and approved the courses related to Professional Ethics, Human Values, Environment and Sustainability

Item No. 5 To Consider and approve the panel of examiners for theory and practical examination The Board went through the agenda and see the list of panel of examiners for theory and practical examination for the year 2018 comprising the name of at least three examiners per course (Annexure-I).

Handwritten signatures and stamps:

Rohini
AB

Alkumar
Aradon

Vineet

Javed

CS

Quantum University
Roorkee

HEAD OF DEPARTMENT
Dept. of
Studies
Roorkee

Board of Studies

Department of Media Studies



Department of Media Studies

Quantum School of Media studies & Design

Quantum University

Date of Meeting- 02/08/2018

BOARD OF STUDIES
DEPARTMENT OF MEDIA STUDIES

AGENDA

Date: -30/07/2018

The meeting of the Board of Studies in the Department of Media Studies for the year 2018-2019, will be held at 10 AM on 02/08/2018 in the Board Room, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. To Introduce a new three years Bachelor Program of Arts (Hon.) Journalism & Mass communication in the Department of Media Studies.

2. To discuss and approve the New Introduced Courses in 2018-19 in Bachelor of Arts (Hon) Journalism & Mass communication

3. To consider and approve the list of courses related with Entrepreneurship/Employability/ skills development in the program BA (H) JMC.

4. To discuss and approve the list of subjects related with Professional Ethics, Gender, Human Values, Environment and Sustainability.

5. To consider and approve the implementation of Choice Based Credit System (CBCS) in Bachelor of (Hon) Journalism of Mass Communication.

6. To discuss and approve the program and course contents having elements of field projects /Research project/ Internships.

7. To discuss and approve the Examination schemes, pattern of examinations and list of Examiners for the Program of Bachelor of (Hon) Journalism of Mass Communication.

8. To discuss and finalize the Study Scheme and detailed syllabus for the Program BA(H) JMC for the batch 2018-21.

9. Any other matter with the permission of Chair.




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

The chairman of the board welcomed and introduced the external members to the group.

Item no 1

To Introduce a new three years Bachelor Program of Arts (Hons.) Journalism & Mass communication in the Department of Media Studies.

The chairman put forth a proposal for an academic program, **Bachelor of Arts (H) Journalism & Mass communication ((Three Years Program) in the Department of Media Studies of Quantum University**, scheduled to commence in August 2018.

In response to the latest trends in the emerging media industry, the chairman proposed the introduction of **Bachelor of Arts (H) Journalism & Mass communication** for the academic session 2018-19 at Quantum University. The proposal was considered by the board and recommended for final approval at the forthcoming meeting of the Academic Council and Board of Management.

Item -2

To discuss and approve the New Introduced Courses in 2018-19 in Bachelor of Arts (Honors) Journalism & Mass communication

The chairman of Quantum University introduced the comprehensive roster of upcoming courses designated to be made available for the during the academic session of 2018-19 within the BA(H)JMC Program. Subsequently, the Board, in its wisdom, considered it and recommended for approval to forthcoming meeting of Academic Council. The catalogue of newly incorporated courses for the academic year 2018-19 in the BA (H) JMC Program, thus endorsed by the Board, is as delineated below:

SEMESTER 1

Course Code	Category	Course Title	L	T	P	C
JM3101	FC	Language & Communication Skills Hindi/English I	2	0	0	2

Anish
Rohan
Saeedi
Sail
hehri
Ashamg Rajzeb
Indeep

HEAD OF DEPARTMENT
Dept. of
Quantum U

JM3102	FC	General Studies & Current Affairs	2	0	0	2
JM3103	PC	Principles of Print Journalism	3	0	2	4
JM3104	PC	Principles of Mass Communication	3	0	2	4
GD3101	PC	Introduction to Graphic Design	2	0	4	4
JM3106	PC	Fundamental of Photography	0	0	4	2
VP3101	VP	Personality Development Program	0	0	4	2
GP3101	GP	General Proficiency	0	0	0	1
TOTAL			12	0	16	21

SEMESTER 2

Course Code	Category	Course Title	L	T	P	C
JM3201	FC	Language & Communication Skills Hindi/ English	2	0	0	2
CY3205	FC	Environmental Studies	2	0	0	2
JM3202	PC	Reporting and Editing (Print Journalism)	3	0	2	4
JM3203	PC	Political Scenario in India	4	0	0	4
JM3204	PC	Design & Graphics Lab	2	0	4	4
CE3101	FC	Disaster Management*	2*	0	0	2*
	OE	Open Elective-1	3	0	0	3
VP3215	VP	Audio Editing	0	0	4	2
GP3201	GP	General Proficiency	0	0	0	1
TOTAL			16	0	10	22

Item no 3

To consider and approve the list of courses related with Entrepreneurship/Employability/skills development in the program BA(H)JMC

Amil
Rohan

Sadi

Adil

Behri
B.K.

Rajesh
Ashwini
Dadarp.

HEAD OF DEPARTMENT
Dept. of Mass Media
Quantum University, Meerut

**Minutes of the First Meeting
of**

The Board of Studies

Department of Pharmacy

**(Bachelor of Pharmacy
&**

Diploma In Pharmacy)

held on

Date: 12/5/2018

**Department of Pharmacy
Quantum School of Health Sciences
Quantum University, Roorkee
2018-19**




HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee

BOARD OF STUDIES IN THE

DEPARTMENT OF PHARMACY

AGENDA

Date:- 09/5/2018

The meeting of the Board of Studies in the Department of Pharmacy for the year 2018-19, will be held on **12/5/2018 at 11:00AM in Department of Pharmacy, Quantum University, Roorkee.**

The following agenda will be discussed in the meeting:

- 1. Quantum University introduced a new program Diploma in Pharmacy in the department of Pharmacy.**
- 2. To discuss about the Academic Activity for providing more Academic/Industrial exposure to students.**
- 3. To discuss and approve the list of employability/ Entrepreneurship/ Skill development.**
- 4. To discuss and approved the new introduced course in the department of Pharmacy.**
- 5. To discuss and approve the program and course content having element of field projects/ research project/ internships.**
- 6. To discuss and update on the Scheme & Pattern of Examination.**

Any other matter with the permission of Chair




HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee

				metabolism of proteins.
5	Human anatomy and Physiology	PR1105	2018-19	This subject is designed to impart fundamental knowledge on the structure and functions of the various systems of the human body. The subject provides the basic knowledge required to understand the various disciplines of pharmacy.
6	Health education and community Pharmacy	PR1106	2018-19	This subject provides details about nutrition and health including first aid treatment and awareness.
7	Pharmaceutics-I Lab	PR1140	2018-19	To impart a fundamental knowledge on the preparatory pharmacy with arts and science of preparing the different dosage forms.
8	Pharmaceutical Chemistry Lab-I	PR1141	2018-19	To synthesize inorganic compounds and perform limit test for quality control in pharmaceuticals.
9	Pharmacognosy	PR1142	2018-19	To provide a fundamental knowledge on identification of crude drug and their adulteration.
10	Biochemistry and Clinical and Pathology Lab	PR1143	2018-19	To impart knowledge of clinical diagnosis of diseases, normal range of biochemical values in human body.

Item No. 4

[No.: BOS/QSHS/DP/2018/4]

The Chairmen and the BOS members deliberated and approved some new introduced subjects in session 2018-19.

Resolution: Item no 4

[No.: BOS/QSHS/DP/2018/4]

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.

Name of the New Courses Introduced in 2018-19

(Diploma in Pharmacy)

S. No.	Name of the New courses introduced	Course code	Year of Introduction
1	Pharmaceutics- I	PR1101	2018

2	Pharmaceutical Chemistry- I	PR1102	2018
3	Pharmacognosy	PR1103	2018
4	Biochemistry & Clinical Pathology	PR1104	2018
5	Human Anatomy & Physiology	PR1105	2018
6	Health Education & Community Pharmacy	PR1106	2018
7	Pharmaceutics Lab – I	PR1140	2018
8	Pharmaceutical Chemistry Lab – I	PR1141	2018
9	Pharmacognosy Lab	PR1142	2018
10	Biochemistry & Clinical Pathology Lab	PR1143	2018
11	Human Anatomy & Physiology Lab	PR1144	2018

Item No. 5

[No.: BOS/QSHS/DP/2018/5]

The Chairmen and the BOS members discuss and approve the program and course content having element of field projects/ research project/ internships. These programs will be finalized after the approval of academic council for the academic session 2018-19.

Resolution: Item no 5

[No.: BOS/QSHS/DP/2018/5]

UNANIMOUSLY RESOLVED THAT the list of programs and course content provide field projects/ research projects/ internships. These are appreciated and approve by the final approval of academic council.

Name of Programme	components of field projects/research projects/internships along with course code
Diploma in Pharmacy	Hospital Internship

Item No. 6

[No.: BOS/QSHS/DP/2018/6]

The Chairmen and the BOS members discuss and approved the Scheme & Pattern of Examination for academic session 2018-19.

Resolution: Item no 6

[No.: BOS/QSHS/DP/2018/6]

UNANIMOUSLY RESOLVED THAT the Scheme & Pattern of Examination for academic session 2018-19 for theory and practical exam.



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HEAD OF DEPARTMENT
Dept. of Pharmacy
Quantum University, Roorkee

Board of Studies

Department of Hospitality & Tourism

Dated: 06-02-2018



Quantum School of Hospitality & Tourism

Quantum University, Roorkee


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



BOARD OF STUDIES

DEPARTMENT OF HOSPITALITY & TOURISM

AGENDA

Date:-04/02/2018

The meeting of the Board of Studies of Department of Hospitality & Tourism for the session 2018-19, will be held on 6/2/2018 at 10:30 AM in the Board Room, Ground Floor, Quantum University, Roorkee.

The following agenda will be discussed in the meeting:

1. Introduction of a new program by Quantum University under the Department of Hospitality and Tourism namely, Bachelor of Hotel Management (Four Year Undergraduate Program) from session 2018-19.
2. To discuss and approve the implementation of Choice Based Credit System (CBCS), in Bachelor of Hotel Management Programme from 2018-19 onwards.
3. To discuss and approve the Newly Introduced Courses in 2018-19 in BHM Program.
4. To discuss and approve the list of subjects including theory and Lab related with Employability / Entrepreneurship / Skill Development.
5. To discuss and approve the courses having elements of field projects /Research project/ Internships.
6. To discuss and approve a new set of topics related to professional ethics, gender awareness, human values, environmental sustainability, and social responsibility applicable from 2018-19 within the Bachelor of Hotel Management program
7. To discuss and approve on the Evaluation Pattern of Examination and list of examiners.
8. To discuss and approve the Credit Scheme and Structure of Curriculum for BHM Program for 2018-22.
9. Any other matter with the permission of Chair



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



Item No 3

3. To discuss and approve the Newly Introduced Courses in 2018-19 in BHM Program.

The internal members of the Board presented the list of courses which will run for the very first time in the BHM Program under Quantum University in session 2018-19. List of Newly Introduced courses in 2018-19 for BHM Program is as follows

Course Code	Category	Course Title
HM3101	PC	Food Production-I
HM3102	PC	Food & Beverage Service-I
HM3103	PC	Front Office -I
HM3104	PC	House Keeping-I
HM3105	EC	Hotel Communication
HM3140	PC	Food Production-I(Practical)
HM3141	PC	Food & Beverage Service-I(Practical)
HM3142	PC	Front Office -I (Practical)
HM3143	PC	House Keeping-I(Practical)
VP3104	VAP	Value Added program-I
GP3101	GP	GENERAL PROFICIENCY
HM3106	PE	Flight Kitchen
HM3107	PE	Event Management
HM3108	PE	Foreign Language
HM3109	PE	Housekeeping – STP


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




Course Code	Category	Course Title
HM3201	PC	Food Production-II
HM3202	PC	Food & Beverage Service-II
HM3203	PC	Front Office-II
HM3204	PC	House Keeping –II
HM3240	PC	Food Production-II (Practical)
HM3241	PC	Food & Beverage Service-II (Practical)
HM3242	PC	Front office–II (Practical)
HM3243	PC	House Keeping –II (Practical)
HM3206	FC	Application Of Computers
HM3207	FC	French
VP3204	VAP	Value Added program-II
GP3201	GP	GENERAL PROFICIENCY
HM3208	PE	Railway Base Kitchen
HM3209	PE	Airlines Catering
HM3210	PE	Travel Documentation
HM3211	PE	Housekeeping – Hospital

The BOS approved the Newly Introduced courses in BHM program scheduled to be run in session 2018-19 in the department.

Item No 4



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