

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)

MULLANA-AMBALA, HARYANA (INDIA), 133-207

(Established under Section 3 of the UGC Act, 1956)

(Accredited by NAAC with Grade 'A')



**MINUTES OF RELEVANT ACADEMIC COUNCIL/BOS MEETINGS
FOR 1.1.2 ***

* Since all supporting documents for this metric exceeds the upload limit of 5 Mb, we are providing samples. If required, we will provide all/any supporting documents.

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA-AMBALA
(Established under Section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade 'A')

Extract of Item No. 05 of the Minutes of the Academic Council of MM (DU), Mullana-Ambala held on 31-08-2020 at 11:30 A.M

5. Considered the recommendations of the Faculty of Engg. & Technology made in its meeting held on 24-07-2020 in prescribing/revising the Syllabi/Scheme of Examinations of various courses as recommended by the concerned Board of Studies, as per Annexure - III, Pages: 9-18, as under:

Department	Faculty Res. No.	Brief Contents
Civil Engg. (BOS meeting held on 13.12.2019 & 30.6.2020)	15.3	15.3.1 The Syllabus of Indian Constitution (BMAT-004) for B.Tech. 3 rd Semester (Civil Engineering). <p align="right">Annexure-15.3.1 (Pages 01-01)</p>
		15.3.2 The Syllabus of Transport of Water and Waste Water (CE-03-66) for Batch 2018-22 onwards (B. Tech. Civil Engineering 8 th Semester). <p align="right">Annexure-15.3.2 (Pages 02-02)</p>
		15.3.3 The Syllabus of Civil Engineering-Societal and Global Impact (BHUM-114) for Batch 2016-20 and Batch 2017-21 (B. Tech. Civil Engineering 4 th Semester). <p align="right">Annexure-15.3.3 (Pages 03-03)</p>
		15.3.4 The Minor Changes in Scheme for B. Tech. 8 th Semester (Civil Engineering) for Batch 2016-2020. <p align="right">Annexure-15.3.4 (Pages 04-04)</p>
		15.3.5 The Syllabus of B. Tech Civil Engineering for 5 th and 6 th semester for students of Batch 2018-2022. <p align="right">Annexure-15.3.5 (Pages 05-30)</p>
		15.3.6 The Syllabus of Open Electives offered by Civil Engineering Department for Batch 2018-2022. <p align="right">Annexure-15.3.6 (Pages 31-35)</p>
		15.3.7 The Scheme of M. Tech (Civil Engineering) for students of Batch 2020-2021 onwards. <p align="right">Annexure-15.3.7 (Pages 36-38)</p>
		15.3.8 The Syllabus of M. Tech (Civil Engineering) for students of Batch 2020-2021 onwards. <p align="right">Annexure-15.3.8 (Pages 39-108)</p>
		15.3.9 The list of Civil Engineering subjects on SWAYAM portal for the session 2020-21. <p align="right">Annexure-15.3.9 (Pages 109-109)</p>
		15.3.10 The list of Value Added Coursed for Session 2019-2020. <p align="right">Annexure-15.3.10 (Pages 110-110)</p>

<p>Electrical Engg. (BOS meeting held on 6-7-2020)</p>	<p>15.4</p>	<p>15.4.1 Minor changes in the scheme of 5th and 6th Semesters of B.Tech Electrical Engineering for the batch 2018 onwards as per AICTE model scheme. Annexure-15.4.1: (Pages 1-2)</p> <p>15.4.2 Syllabi of 5th and 6th semesters of B.Tech Electrical Engineering for the batch 2018 onwards as per AICTE model scheme (with minor modifications). Annexure-15.4.2: (Pages 3-35)</p>
<p>ECE (BOS meeting held on 30.6.2020)</p>	<p>15.5</p>	<p>15.5.1 Minor changes in the scheme for B.Tech (Electronics and Communication) 3rd to 8th semester (for batch 2018 onwards) as per AICTE model scheme. Annexure-15.5.1: (Pages 1-7)</p> <p>15.5.2 The syllabus of 5th and 6th semesters of B.Tech. Electronics & Communication Engineering Department for the batch 2018 onwards as per AICTE model scheme (with minor modifications). Annexure-15.5.2: (Pages 8-26)</p> <p>15.5.3 The scheme and syllabus of M.Tech. Electronics & Communication Engineering Department for the batch 2020 onwards as per AICTE model scheme (with minor modifications). Annexure-15.5.3: (Pages 27-58)</p>
<p>Computer Sc.& Engineering (BOS meeting held on 7.7.2020)</p>	<p>15.6</p>	<p>15.6.1 Some minor changes in the scheme for 7th & 8th semester (change in subject category, subject code, credits and some subjects are replaced) for B. Tech (Computer Sc. & Engineering) and syllabi for departmental subjects of 7th & 8th semester (Batch 2017-2021 only). Annexure-15.6.1 (Pages 1-17)</p> <p>15.6.2 Syllabi for departmental subjects of 5th & 6th semester for B.Tech (Computer Sc. & Engineering) (Batch 2018 - 2022 only). Annexure-15.6.2 (Pages 18-43)</p> <p>15.6.3 Syllabi for departmental subjects of 3rd & 4th semester for B. Tech (Computer Sc. & Engineering) (Batch 2019-2023 onwards). Annexure-15.6.3 (Pages 44-55)</p> <p>15.6.4 Some minor changes in the scheme for 3rd semester (change in nomenclature of subjects) and syllabi for departmental subjects of 3rd semester for B.Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2019-2023 onwards). Annexure-15.6.4 (Pages 56-62)</p> <p>15.6.5 Some minor changes in the scheme for 3rd semester (change in nomenclature of subjects) and syllabi for departmental subjects of 3rd semester for B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Science) (Batch 2019-2023 onwards). Annexure-15.6.5 (Pages 63-69)</p> <p>15.6.6 Some minor changes in the scheme for 1st & 2nd Semester for B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Replacement of some subjects so that 1st year scheme become common for all branches of MMEC) (Batch 2019-2023 onwards (Post-Facto approval). Annexure-15.6.6 (Pages 70-71)</p> <p>15.6.7 Some minor changes in the scheme for 1st & 2nd Semester for B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Science) (Replacement of some subjects so that 1st year scheme become common for all branches of MMEC) (Batch 2019-2023 onwards) (Post-Facto approval). Annexure-15.6.7 (Pages 72-73)</p>

		<p>15.6.8 Scheme and syllabi for B. Tech (Computer Engineering), B.Tech (Computer Sc. & Engineering) is same (Batch 2016-2020 only) (Postfacto approval).</p> <p>15.6.9 New Scheme for 1st to 4th semester and syllabi for departmental subjects of 1st semester for M. Tech (Computer Sc. & Engineering) (Batch 2020-2022 onwards). Annexure-15.6.9 (Pages 74-83)</p> <p>15.6.10 Some minor changes in the scheme for 7th & 8th semester (2 subjects per semester are replaced) for B. Tech (Computer Sc. & Engineering with specialization in Software Development) and syllabi for newly introduced subjects of 7th semester (Batch 2017-2021 onwards). Annexure-15.6.10 (Pages 84-87)</p> <p>15.6.11 MOOC courses which can be opted by students (Batch 2017- 2021, Batch 2018-2022 & Batch 2019-2023) under the category of Swayam courses. Also list of approved courses can be expanded. Annexure-15.6.11 (Page 88)</p>
Biotechnology (BOS meeting held on 06.07.2020)	15.7	<p>15.7.1 To consider the Changes in the subject code of MAN-001 to BMAT-004 in the B.Tech. 4th Semester Biotechnology, ES-101 for EVS in place of BCIV-002 in B.Tech. 5th Semester Biotechnology, BHUM-111 for English in place of BHUM-001 in B.Sc. (H) 1st Semester Biotechnology, BBIT-101 for Chemistry-1 in place of BCHE-001 in B.Sc.(H) 3rd Semester Biotechnology, BBIT-102 for Chemistry Lab in place of BCHE-002 in B.Sc. (H) 3rd Semester Biotechnology, BBIT-536 in place of BBT-406 for Food Biotechnology in B.Sc. (H) 4th Semester Biotechnology. Annexure-15.7.1 (Pages 1-15)</p> <p>15.7.2 Scheme for M.Sc. Biotechnology and M.Sc. Microbiology with revised codes and introduce additional electives from 2020-21. Annexure-15.7.2 (Pages 16-37)</p> <p>15.7.3 Minor changes in the nomenclature of the subject title of MMIC-521 (Dissertation on-campus) of M.Sc. Microbiology 4th Semester. Annexure-15.7.3 (Pages 38-40)</p>
Mechanical Engineering (BOS meeting held on 4.12.2019 & 6.7.2020)	15.8	<p>15.8.1 Scheme & syllabi of B. Tech. 5th-8th sem. Mechanical Engineering (Batch 2018 onwards). Annexure -15.8.1 (Pages 1- 59)</p> <p>15.8.2 Amendment in the scheme of B. Tech. 8th sem. Mechanical & Mechatronics Engineering (Batch 2016-2020) Annexure -15.8.2 (Pages 1-2)</p> <p>15.8.3 Amendment in the syllabus of B. Tech. 4th sem. (BMEC-511, Materials Engineering) (Batch 2018 onwards). Annexure -15.8.3 (Pages 1-2)</p>
MCA/BCA (BOS meeting held on 22.7.2020)	15.9	<p>15.9.1 New scheme of BCA (1st Sem. to 6th Sem.) under Choice Based Credit Scheme (CBCS) for the batch 2020-23 w.e.f the session 2020-21. Annexure -15.9.1 (Pages 1-4)</p> <p>15.9.2 New syllabus of BCA - 1st year (1st Sem. & 2nd Sem.) under Choice Based Credit Scheme (CBCS) for the batch 2020-23 w.e.f the session 2020-21. Annexure -15.9.2 (Pages 1-24)</p>

		<p>15.9.3 The list of MOOC subjects for BCA/MCA for the session 2020-21 (Odd Semester) under the category of Swayam Courses. Annexure -15.9.3 (Pages 1)</p> <p>15.9.4 Changes in the existing elective subjects for MP-05 of Ph.D (Course Work) w.e.f the session 2020-21. Annexure -15.9.4 (Pages 1-7)</p>
<p>Physics (BOS meeting held on 6.7.2020)</p>	15.10	<p>15.10.1 Minor modifications in the Scheme of M.Sc. Physics w.e.f. from 2020 onwards. (Annexure 15.10.1 (Page No.1-2)</p> <p>15.10.2 Minor changes in the syllabus of Physics for B.Tech. (I & II semester). (Annexure 15.10.2 (Page No.1-4)</p> <p>15.10.3 Minor Changes in the syllabus of advanced electronics (PH-520B) w.e.f. from 2020 onwards. (Annexure 15.10.3 (Page No.1-2)</p> <p>15.10.4 Modifications in the syllabus of paper MP 05(A) (Materials Science) for Ph.D. Course work and minor modifications in the Total Maximum marks of the departmental elective papers MP 05-A, B ,C, D for Ph.D course work. (Annexure 15.10.4 (Page No.1-9)</p>
<p>Chemistry (BOS meeting held on 29.6.2020)</p>	15.11	<p>15.11.1 Scheme and syllabi of Ph.D course work of chemistry from 2020-21 onwards. (Annexure 15.11.1 (Page No. 1-4)</p>
<p>Mathematics (BOS meeting held on 9.7.2020)</p>	15.12	<p>15.12.1 Scheme and syllabi (CBCS) of Mathematics of B.Sc. (Honour's) of 3rd Sem. (BMAT-531, BMAT-532, BMAT-533, BMAT-534, BMAT-535, BCAP-005, BCAP-006, BMAT-536) and 4th Sem (BMAT-541, BMAT-542, BMAT-543, BMAT-544, BMAT-545, BMAT-546, BCAP-007, BCAP-008) for batch 2019-22 w.e.f. the session 2020-21. Annexure (15.12.1 page 1-17)</p> <p>15.12.2 Scheme and syllabi (CBCS) of Mathematics of B.Sc. (Honour's) of 5th Sem [BM-351 & BM-352], and 6th Sem. [BM-361 & BM-362] for the batch 2018-21 w.e.f. the session 2020-21. Annexure (15.12.2 page 18-23)</p> <p>15.12.3 Changes in the code of B.Tech. 1st Sem. Syllabus of Mathematics BSC-002 & BSC-002A as BMAT-001 & BMAT-001A respectively and 2nd Sem Syllabus of Mathematics BSC-009 & BSC-009A as BMAT-002 & BMAT-002A respectively w.e.f. the session 2020-21. Annexure (15.12.3 page 24-30)</p>
<p>Humanities (BOS meeting held on 10.07.2020)</p>	15.13	<p>15.13.1 Change in code of English HSMC-001 and HSMC-002 as BHUM-001, and BHUM-002 respectively of B.Tech. . 1st /2nd Sem. w.e.f. 2020-21. Annexure (15.13.1 page 1-2)</p> <p>15.13.2 Syllabi B.Tech. Economics for Engineers (BHUM-004), Principle of Management (BHUM-005), Effective Technical Communication (BHUM-113), Indian Constitution (BHUM-116), Essence of Indian Traditional Knowledge (BHUM-117) w.e.f. the session 2020-21 Annexure (15.13.2 page 3-8)</p>

Management (BOS meeting held on 22-7-2020	15.9 (Under Any other Item 15.19)	15.9 (i) Eligibility conditions for admission to MCA – 2 years (Changed from 3 years) as under: Passed BCA/Bachelor's Degree in CSE or equivalent Degree; Or Passed B.Sc./B.Com/BA with Mathematics at 10+2 level or at Graduation level (with additional bridge courses as per norms of the concerned University. (ii) New Scheme of MCA (1 st Sem. to 4 th Sem.) under CBCS for the batch 2020-22. w.e.f. the session 2020-21. Annexure – 15.9.5 (Pages: 1-4) (iii) New Syllabus of MCA 1 st year (1 st Sem. to 2 nd Sem.) under CBCS for the batch 2020-22 w.e.f. the session 2020-21. Annexure – 15.9.6 (Pages: 1-23)
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RESOLVED THAT THE RECOMMENDATIONS OF FACULTY OF ENGG. & TECH. BE APPROVED AS ABOVE WITH THE FOLLOWING MODIFICATIONS:


- (i) **BBA WITH MATHEMATICS AT +2 LEVEL BE ALSO ADDED AS ONE OF THE ELIGIBILITY CONDITIONS FOR ADMISSION TO MCA 2-YEAR COURSE.**
- (ii) **SAME QUESTION PAPER WILL BE USED FOR PAPERS WITH DIFFERENT CODES HAVING COMMON SYLLABI.**

Endst. No. Acad./SAC/AC/F. 13/ 5649

Dated : 12-9-2020

Copy of the above extract is forwarded to the following for information and taking necessary action with the request to intimate the follow-up action on the above decision(s) within 7 days:-

1. Director and HODs of MMEC
2. Principal, MMICT&BM (MCA)
3. DR (Secrecy)


Deputy Registrar (Acad.)
for Registrar

1.1.2.4
Maharishi Markandeshwar University, Mullana-Ambala (Haryana)
(Deemed University established under Section 3 of the UGC Act, 1956)
(NAAC Accredited Grade 'A' University)



AGENDA

-:-

ACADEMIC COUNCIL

DATE : 26-06-2017

at 11:00 A.M

[Handwritten signature]
Principal
Maharishi Markandeshwar University
Deemed to be University
Mullana-133007 (Ambala) PH

11. To consider the action taken by the Vice-Chancellor in anticipation of approval of the Academic Council in approving new Syllabi/Scheme of Examination for Bachelor of Pharmacy (B.Pharm.) and Master of Pharmacy (M.Pharm.) for First and Second Semester in first phase formulated by MM College of Pharmacy in accordance with the Pharmacy Council of India (PCI) Regulations 2014 for B.Pharm. and M.Pharm. separately, duly approved by the concerned Board of Studies vide Res.No.1 of its meeting held on 16-12-2016, effective from the Academic Session 2016-17, as per Annexure – IV, pages: 13 - 44 & 45 -102.

Statement of the case:

The Pharmacy Council of India (PCI), New Delhi, with the approval of the Central Government has formulated Courses Regulations-2014 for B.Pharm and M.Pharm courses containing new Syllabi/Scheme of Examinations for both of these courses. Accordingly, the new Syllabi/Scheme of Examinations for these courses derived from the PCI Regulations have been approved by the concerned Board of Studies.

Since new Syllabi/Schemes of Examinations of both of these courses were to be made effective from the Session 2016-17, the Vice-Chancellor took the above action subject to approval of the Academic Council/Board of Management.

PCI Regulations - 2014 and new Syllabi/Scheme of examination of the above courses will be placed on the table.



M. M. Institute of Computer Technology & Business Management (MCA)
Maharishi Markandeshwar (Deemed to be University)
Mullana – Ambala, 133 207 (Haryana)
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(NAAC Accredited Grade 'A' University)

A meeting of the Board of Studies in Master of Computer Applications (MCA) was held on **27-08-2018 (Monday)** at **10:30 am** in the office of the Principal, M.M. Institute of Computer Technology & Business Management, M.M. (Deemed to be University), Mullana.

The following members were present:

1. Dr. Sumit Mittal, Professor & Chairman, BOS
2. Dr. Ashok Kumar, Professor, Member
3. Dr. Atul Garg, Associate Professor, Member
4. Mr. Vivek Bhatnagar, Assistant Professor, Member
5. Ms. Prabhleen Kaur, Asstt. Professor, Member

The following items were discussed:

1. Confirmed the minutes of the last meeting of Board of Studies held on 13th Feb., 2018.
2. Discussed and approved the **new scheme and syllabi of MCA-1st year** w.e.f session 2018-19 (Post Facto Approval).
3. **Discussed and approved the new scheme and syllabi of MCA-2nd year** w.e.f session 2018-19 (Post Facto Approval).
4. Discussed and approved the **new scheme and syllabi of MCA-3rd year** w.e.f the session 2018-19 (Post Facto Approval).
5. Discussed and approved the new scheme and syllabi of BCA-1st year w.e.f the session 2018-19 (Post Facto Approval).
6. Discussed and approved the new scheme and syllabi of BCA-2nd year w.e.f the session 2018-19 (Post Facto Approval).
7. Discussed and approved the new scheme and syllabi of BCA-3rd year w.e.f the session 2018-19 (Post Facto Approval).
8. Discussed and approved the new scheme and syllabi of B.Sc. (Computer Science & Information Technology)-3rd year w.e.f session 2018-19 (Post Facto Approval).
9. Approved the list of SWAYAM/MOOC courses for BCA/MCA.
10. Approved the appointment of Paper Setters for BCA/MCA-1st Sem., BCA/MCA-3rd Sem., BCA/MCA-5th Sem., B.Sc. (Computer Science & Information Technology)-5th Sem. exams to be held in Nov/Dec, 2018.
11. Approved the appointment of Examiners to conduct the practical examinations of BCA/MCA-1st Sem., BCA/MCA-3rd Sem., BCA/MCA-5th Sem., B.Sc. (Computer Science & Information Technology)-5th Sem. exams to be held in Nov/Dec, 2018.
12. Approved the revision in Standard Operating Procedures for Examination Scheme, Tutorial Classes, Assignments and Course File.



M. M. Institute of Computer Technology & Business Management (MCA)
Maharishi Markandeshwar (Deemed to be University)
Mullana – Ambala, 133 207 (Haryana)
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13. Approved the synopsis of the following Ph. D research scholars:

Sr. No.	Name of Scholar	Name of Supervisor	Title of Research	Date of Approval (RAC)
1	Dar Masroof Amin (13-MCM-211)	Dr. Atul Garg	Design a Framework to Optimize and Enhance the QoS in Big Data	17-03-2018
2	Jyoti (13-MCM-207)	Dr. Atul Garg	A secure framework for semi-distributed load balancing in Cloud based environment	17-03-2018
3	Neetu Manocha (14-MCM-102)	Dr. Rajeev Gupta	Design a Framework for Satellite Image Enhancement using CBIR Techniques	17-03-2018
4	Rekha (16-PhD-038)	Dr. Rajeev Gupta	Design a Secure and Enhanced Technique for Image Transmission in Cluster-based Wireless Sensor Network	21-07-2018

The Members, Board of Studies, hereby, authorize the Chairman to appoint any Paper Setter/Examiner for any subject, not covered in the present list or if this list gets exhausted.




The meeting ended with a vote of thanks.

-Sd-
Chairman
Board of Studies, MCA

Endst. No. MMICTBM/2018/510

Dated: 28-08-2018

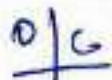
Copy to:

1. Controller of Examination, MM(DU), Mullana. 
2. Dean, Faculty of Engineering & Technology, MM(DU), Mullana. 
3. Concerned Members, BOS, MMICT & BM, MM(DU), Mullana.
4. Deputy Registrar (Academic), MM(DU), Mullana. 
5. Administrative Officer (Accounts), MM(DU), Mullana.
6. Dr. Arvind Kalia, Professor,
Department of Computer Science & Applications,
Himachal Pradesh University, Shimla
7. Mr. Abhishek Goel, Team Lead,
Accenture, DDCZ, DLF,
Cyber Park, Gurgaon






Chairman 28.8.18
Board of Studies, MCA





M. M. Institute of Computer Technology & Business Management
Maharishi Markandeshwar (Deemed to be University)
Mullana – Ambala, 133 207 (Haryana)
(Established under Section 3 of the UGC Act, 1956)
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A meeting of the Board of Studies in Master of Computer Applications (MCA) was held on **22-05-2019 (Wednesday)** at **02:30 pm** in the office of the Principal, M.M. Institute of Computer Technology & Business Management, M.M. (Deemed to be University), Mullana.

The following members were present:

- | | |
|--|-----------------|
| 1. Dr. Sumit Mittal, Professor, MMICTBM (MCA) | Chairman, BOS |
| 2. Dr. Atul Garg, Associate Professor, MMICTBM (MCA) | Member |
| 3. Mr. Vivek Bhatnagar, Assistant Professor, MMICTBM (MCA) | Member |
| 4. Ms. Shiwani Sharma, Assistant Professor, MMICTBM (MCA) | Member |
| 5. Dr. Suchita Upadhyaya, Professor,
Department of Computer Science & Applications,
Kurukshetra University, Kurukshetra. | External Expert |

The following items were discussed and approved:

1. Confirmed the minutes of the last meeting of Board of Studies held on 16th January, 2019.
2. Approved the list of SWAYAM/ MOOC subjects for **BCA/MCA** for the session **2019-20** (Odd Semester).
3. Approved the minor changes in the scheme of MCA-2nd sem., MCA-4th sem., MCA-5th sem. w.e.f session 2019-20.
4. Approved the minor changes in the scheme of **BCA-2nd sem., BCA-3rd sem., BCA-4th sem.** year w.e.f the session 2019-20.
5. Approve the new **scheme and syllabi of BCA-3rd year** w.e.f the session 2019-20. (For the batch 2017-20 only)
6. Approved the Paper Setters for BCA/MCA-1st Sem., BCA/MCA-3rd Sem., BCA/MCA-5th Sem. exams to be held in Nov/Dec, 2019 and Ph.D (Course Work) exams to be held in Dec, 2019/Jan, 2020.
7. Approved the Examiners to conduct the practical examination of Ph.D (Course Work) exams to be held in Dec, 2019/Jan, 2020.
8. Approved the panel of examiners to evaluate the Thesis and to conduct the Viva-Voce of Ms. Priya Oberoi, Regn No. 14-Ph.D-011 under the supervision of Dr. Sumit Mittal.



M. M. Institute of Computer Technology & Business Management
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The Members, Board of Studies, hereby, authorize the Chairman to appoint any Paper Setter/Examiner for any subject, not covered in the present list or if this list gets exhausted.

The meeting ended with a vote of thanks.

-Sd-
Chairman
Board of Studies, MCA

Endst. No. MMICTBM/2019/ 1141

Dated: 23-05-2019

Copy to:

1. Controller of Examinations, MM (DU), Mullana.
2. Concerned Members, BOS, MMICT & BM, MM (DU), Mullana.
3. Dean, Faculty of Engineering & Technology, MM (DU), Mullana
4. Deputy Registrar (Academic), MM (DU), Mullana.
5. Administrative Officer (Accounts), MM (DU), Mullana.
6. Dr. Arvind Kalia, Professor, Department of Computer Science & Applications, Himachal Pradesh University, Shimla.
7. Dr. Suchita Upadhyaya, Professor, Department of Computer Science & Applications, Kurukshetra University, Kurukshetra.

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Chairman 23.5.19
Board of Studies, MCA

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M.M.I.C.T.&B.M (HOTEL MANAGEMENT)
MAHARISHI MARANKANDESHWAR UNIVERSITY MULLANA, AMBALA
(Deemed University established under section 3 of UGC, act 1956)
(NAAC Accredited Grade 'A' University)

Date: 11/01/2016

Subject: Minutes of the Meeting.

A meeting of Board of Studies was held on January 11th, 2016 (Friday) at 11.00 am in the office of Principal, M.M.I.C.T. & B.M (HM), Mullana, Ambala.

Prof. Shubhum Gaur	Chairman
Dr. Parminder Dhillon	External Member
Mr. Mohd. Shahid Hasnain	External Member
Mrs. Rekha Kaushik	Internal Member



Discussions of the agenda points

- 1. Panels of paper setters/examiners (Theory & Practicals) for BHM 1st, 2nd, 3rd, 4th, 5th, 6th, 7th & 8th Semester and B.Sc. (HCM) 1st, 2nd, 3rd, 4th, 5th and 6th Semester for the session 2016-2017.**

Panels of paper setters/examiners for different subjects were discussed and the names suggested by the external members were incorporated for above stated courses.

- 2. Panels of paper setters/examiners (Theory & Practicals) for M.Sc. (Dietetics & Nutrition) 1st, 2nd, 3rd & 4th Semester for the session 2016-2017.**

Panels of paper setters/examiners for different subjects was discussed and the names suggested by the external members have been incorporated for M.Sc. (Dietetics & Nutrition) 1st, 2nd, 3rd & 4th Semester.

- 3. Panels of paper setters/examiners for Diploma (Food Production) 1st and 2nd Semester for the Session 2016-2017.**

The panel of examiners for Diploma (Food Production) 1st and 2nd Semester was discussed and the name suggested by the external experts have been incorporated.

- 4. Revision / changes in the Scheme of Examination & Credit Scheme of BHMCT) 5th, 6th, 7th, 8th Semester & B.Sc. (HCM) 5th, & 6th Semester for the batch admitted in 2014-2015.**

The revisions / changes required in the above stated courses were discussed and a final draft has been approved unanimously, as per Annexure – I.

5. Revision / changes in the Scheme of Examination & Credit Scheme of B.Sc. (HCM) 4th Semester for the batch admitted in 2014-2015.

The revision/changes required in the above stated courses were discussed and a final draft has been approved unanimously, as per Annexure – II.

6. To finalize Scheme of examination, credit scheme, teaching and syllabus of BHMCT 2nd - 8th Semester & BSc (HCM) 2nd to 6th Semester for the Batch admitted in session 2015-16.

The revision/changes required in the above stated courses were discussed and a final draft has been approved unanimously, as per Annexure – III.

7. To finalize Scheme of examination, Credit scheme, teaching and syllabus of BHMCT / B.Sc (HCM) 1st & 2nd Semester for the Batch admitted in session 2016-17 as per UGC guidelines of Choice Based Credit System.

The Credit scheme & Course contents were discussed and approved unanimously as per as per Annexure – IV.

8. To finalize Scheme of examination, Credit scheme of BHMCT 3rd to 8th Semester & B.Sc (HCM) 3rd to 6th semester for the Batch admitted in session 2016-17 as per UGC guidelines of Choice Based Credit System.

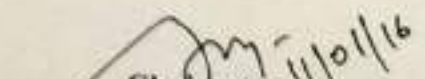
The Credit scheme for above courses was discussed and approved unanimously, as per as per Annexure – V.

9. Revision/changes in the Scheme of Examination & Credit Scheme of B.Sc. (HCM) 6th Semester for the batch admitted in 2013-2014 w.e.f. session 2015-16 by replacing Organisational Behaviour with Accounting skills for Hospitality i.e. HCM-605.

Revision/changes in Scheme of Examination and Credit Scheme for above courses has been discussed and approved as per Annexure – VI.

10. Any other agenda with the permission of the Honorable Chairman.

The chairman thanked the external and internal members for their valuable inputs in the meeting.


Chairman
Board of Studies (HM)
11/10/16

Maharishi Markandeshwar University, Mullana Ambala

**M M INSTITUTE OF COMPUTER TECHNOLOGY & BUSINESS
MANAGEMENT (HOTEL MANAGEMENT)**

Syllabi

for

Bachelor of Hotel Management and Catering Technology (B.H.M.C.T.)

**Duration: Four Years
(Semester System)**

Examinations, 2016-2017

Course Structure: B.H.M.C.T.(CBCS) Applicable from Session 2016-17

FIRST SEMESTER								
	Course Code	Course Title	Contact Hours		Weight age		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	HM 101	Food Production Foundation -I	4	-	40	60	100	4
	HM 103	Food & Beverage Service Foundation -I	4	-	40	60	100	4
	HM 105	Accommodation & Front Office Operations Foundations -I	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	HM 101 Pr	Food Production Foundation -I	-	4	60	40	100	2
	HM 103 Pr	Food & Beverage Service Foundation -I	-	2	60	40	100	1
	HM 105 Pr	Accommodation & Front Office Operations Foundations -I	-	2	60	40	100	1
AECC SEC	ES 101	Environmental science	3	-	40	60	100	3
	HM 109	Applications of Computers in Hospitality & Tourism	2	-	40	60	100	2
DSE	HM 111	Fundamentals of Management	3	-	40	60	100	3
		Total	20	08			900	24

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 22/6/18



SECOND SEMESTER

	Course Code	Course Title	Contact Hours		Weight age		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	HM 102	Food Production Foundation -II	4	-	40	60	100	4
	HM 104	Food & Beverage Service Foundation -II	4	-	40	60	100	4
	HM 106	Accommodation & Front Office Operations Foundations -II	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	HM 102 Pr	Food Production Foundation -II	-	4	60	40	100	2
	HM 104 Pr	Food & Beverage Service Foundation -II	-	2	60	40	100	1
	HM 106 Pr	Accommodation & Front Office Operations Foundations -II	-	2	60	40	100	1
AECC	HM 108	Communication	2	2	40	60	100	3
SEC	HM 110	Foreign Language Skill - I (French)	2	-	40	60	100	2
DSE	HM 112	Basics of Nutrition	3	-	40	60	100	3
		Total	19	10			900	24

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22/6/16

THIRD SEMESTER								
	Course Code	Course Title	Contact Hours		Weight age		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	HM 201	Introduction to Indian Cookery	4	-	40	60	100	4
	HM 203	Food & Beverage Service Operations	4	-	40	60	100	4
	HM 205	Accommodation & Front Office Operations	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	HM 201 Pr	Introduction to Indian Cookery	-	4	60	40	100	2
	HM 203 Pr	Food & Beverage Service Operations	-	2	60	40	100	1
	HM 205 Pr	Accommodation & Front Office Operations	-	2	60	40	100	1
SEC	HM 207	Accounting Skills for Hospitality	2	-	40	60	100	2
DSE	HM 209	Choose Any Two	3	-	40	60	100	3
	HM211		3		40	60	100	3
Total			20	8			900	24

FOURTH SEMESTER								
	Course Code	Course Title	Contact Hours		Weight age		Total Marks	Credit
			Th.	Pr.	Internal	External		
SEC	HM 202	Personality Skills For Hospitality	-	4	60	40	100	2
DSE Theory (Choose any one)	HM 204	a. Regional Cuisines of India -/ b. Food & Beverage Service Management -/ c. Accommodation Management-I	3	-	40	60	100	3
DSE Practical (As per theory)	HM 204 Pr	a. Regional Cuisines of India -/ b. Food & Beverage Service Management -/ c. Accommodation Management-I	-	4	60	40	100	2
DSE	HM206	Hospitality Marketing	3	-	40	60	100	3
DSE	HM208	Hospitality Laws	3	-	40	60	100	3
DSE	HM 210	Choose Any Two	3	-	40	60	100	3
	HM 212		3		40	60	100	3
Total			15	8			700	19

M. K. Singh

Ranvir
22/06/16

M. L. Singh
22/6/16

Course Structure: B.H.M.C.T.(CBCS) Applicable from Session 2016-17

FIFTH SEMESTER									
	Course Code	Course Title	Evaluation Criteria	Contact Hours		Weight age		Total Marks	Credit
				Pr.		Internal	External		
Discipline Specific Core (DSC)	HM301	Practice School (Industrial Exposure)	Training Log Book/ Training Report	22 Weeks		100	-	100	22
	HM303		Presentation			100	-	100	
	HM305		Viva - Voce			-	100	100	
			Total	22 weeks				300	22

SIXTH SEMESTER								
	Course Code	Course Title	Contact Hours		Weight age		Total Marks	Credit
			Th.	Pr.	Internal	External		
SEC	HM 302	Skill Enhancement for Media & Journalism in Hospitality	-	4	60	40	100	2
DSE Theory (Choose any one)	HM 304	a. Regional Cuisines of India -II/ b. Food & Beverage Service Management -II/ c. Accommodation Management-II	3	-	40	60	100	3
DSE Practical (As per theory)	HM 304 Pr	a. Regional Cuisines of India -II/ b. Food & Beverage Service Management -II/ c. Accommodation Management-II	-	4	60	40	100	2
DSE	HM 306	Project Report	-	10	-	100	100	5
DSE	HM 308	Researching for Hospitality & Tourism Management	3	-	40	60	100	3
DSE	HM 310	Choose Any Two	3	-	40	60	100	3
	HM 312		3	-	40	60	100	3
		Total	12	18			700	21

M. K. S. S.

R. K. S. S.

M. K. S. S.

Course Structure: B.H.M.C.T.(CBCS) Applicable from Session 2016-17

SEVENTH SEMESTER								
	Course Code	Course Title	Contact Hours		Weight age		Total Marks	Credit
			Th.	Pr.	Internal	External		
SEC	HM 401	Communication & Soft Skills in Hospitality	2	-	40	60	100	2
DSE	HM 403	Human Resource Management	3	-	40	60	100	3
DSE	HM 405	Safety, Security & Travel Documentation	3	-	40	60	100	3
DSE	HM 407	Choose Any Three	3	-	40	60	100	3
	HM 409		3	-	40	60	100	3
	HM 411		3	-	40	60	100	3
DSE (Practical)	HM 407	Choose Any Three		2	60	40	100	1
	HM 409			2	60	40	100	1
	HM 411			2	60	40	100	1
		Total	17	6			900	20

EIGHTH SEMESTER								
	Course Code	Course Title	Evaluation Criteria	Contact Hours	Weight age		Total Marks	Credit
				Pr.	Internal	External		
Discipline Specific Core (DSC)	HM 402	Industrial Training	Training Log Book/ Training Report	22 Weeks	100	-	100	22
	HM 404		Presentation		100	-	100	
	HM 406		Viva - Voce		-	100	100	
			Total	22 weeks			300	22

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K. S. ...

M. S. ...

BHMCT Elective Table (CBCS)

Discipline Specific Electives (DSE)						
Semester	Group X		Group Y		Group Z	
	Code	Name	Code	Name	Code	Name
III	1	Principles of Baking	1	Business Etiquettes	1	Basics of Food Science
	2	Introduction to Tourism Concepts	2	Hotel Safety & Security	2	Hotel Engineering
	3	Commodities	3	Supervisory Management	3	Customer Relationship Management
IV	1	Confectionary	1	F& B Management & Control	1	Eco Tourism & Sustainable Development
	2	HACCP & Food safety	2	Professional Housekeeping	2	Financial Management
	3	Advance Cookery	3	Flower Arrangement	3	Facility Planning in Hotels
VI	1	Chocolate, Icing & sugar	1	Hotel Interior Decoration	1	Retail Management
	2	Kitchen Management	2	Room Division	2	Strategic Management
	3	Larder	3	Hotel Economics	3	Entrepreneurship Development
VII Choose any three	I	Laundry Management				
	II	Food Service Management				
	III	Accommodation Management				
	IV	Culinary Management				
	V	Bakery Management				
	VI	Front Office Management				
	VII	Event Management				
	VIII	Foreign Cuisine (Chinese and Italian)				

The student has to opt two subjects from group X/Y/Z (Choosing one from each). The Group choice will remain the same through out the course.

M. Chandra

Kaushik

M. Chandra



MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)

(Established under section 3 of the UGC Act, 1956)

(Accredited by NAAC with Grade 'A')

**M.M. INSTITUTE OF COMPUTER TECHNOLOGY & BUSINESS MANAGEMENT
(HOTEL MANAGEMENT)
MULLANA, AMBALA, HARYANA - 133207**

Date: 02 Aug 2018

Subject: Minutes of the Meeting.

A meeting of Board of Studies was held on 02 Aug 2018 at 10:00 am in the office of Principal, MMICT&BM (HM), Mullana, Ambala

Prof. Malik M. Altaf	Chairman of BOS (ex Officio)
Dr. Vinti Dawar	External Member – (Leave of Absence)
Mr. R.C. Pandey	External Member
Dr M K Sharma	Internal Member
Dr Manish Anand	Internal Member
Mr. Asutosh Mathur	Internal Member
Mr. Rohan Khanna	Internal Member
Mr. Rakesh Sharma	Internal Member

Discussions of the agenda points and resolutions:

1. Approval of Ordinance, Scheme and Syllabi of B. Sc Dietetics & Nutrition to be implemented from the session 2018-19.

The chairman briefed the board about the introduction of new B. Sc Dietetics & Nutrition under M. M. Deemed to be University from the session 2018-19 and its criteria of admission, curriculum and evaluation scheme. The curriculum and evaluation scheme were discussed at length by the board members. A final draft of Scheme of Examination, Credit Scheme and Syllabi approved as per Annexure 1.

2. Amendment in the scheme and syllabi of M. Sc Dietetics & Nutrition 3rd Semester for the batch admitted in 2017-18 and onwards.

The revision/ changes required in the syllabi of M.Sc. (Dietetics & Nutrition) 3rd Semester for the session 2017-18 and onwards were discussed and a final draft approved as per Annexure 2.

3. Amendment in the scheme and syllabi of B. Sc Food Science & Technology 4th Semester (post facto approval), 5th and 6th Semester for the batch admitted in 2016-17 and onwards.

The revision/ changes required in the syllabi of B. Sc Food Science & Technology 4th Semester (post facto approval), 5th and 6th Semester for the batch admitted in 2016-17 and onwards were discussed and a final draft approved as per Annexure 3.

4. Amendment in the scheme and syllabi of B. Sc Food Science & Technology 2nd Semester (only for batch admitted in 2017-18) (post facto approval) and 3rd Semester for the batch admitted in 2017-18 and onwards.

Handwritten signatures of the board members: Rohan Khanna, A Mathur, M Anand, RC Pandey, M K Sharma, Rakesh, and M. M. Altaf.



**MAHARISHI MARKANDESHWAR
(DEEMED TO BE UNIVERSITY)**

(Established under section 3 of the UGC Act, 1956)

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**M.M. INSTITUTE OF COMPUTER TECHNOLOGY & BUSINESS MANAGEMENT
(HOTEL MANAGEMENT)**

MULLANA, AMBALA, HARYANA - 133207

The revision/ changes required in the syllabi of B. Sc Food Science & Technology 2nd Semester (only for batch admitted in 2017-18) (post facto approval) and 3rd Semester for the batch admitted in 2017-18 and onwards were discussed and a final draft approved as per Annexure 4.

5. **Amendment in the scheme and syllabi of B. Sc Food Science & Technology 1st and 2nd Semester for the batch admitted in 2018-19 and onwards.**

The revision/ changes required in the syllabi of B. Sc Food Science & Technology 1st and 2nd Semester for the batch admitted in 2018-19 and onwards were discussed and a final draft approved as per Annexure 5.

6. **Revision/ changes in the Scheme of Examination & Credit Scheme of BHM 7th Semester for the batch admitted in 2015-16**

The revision/ changes required in the above stated Scheme of Examination & Credit Scheme were discussed and a final draft approved, as per Annexure 6.

7. **Amendment in the nomenclature of subject Personality & Communication Development with Subject Code DFP 103 with in the scheme of Diploma Food Production and Subject Code DBC 103 with in the scheme of Diploma Bakery and Confectionary.**

The revision/ change required in the above stated nomenclature was discussed. The amended name **Communication and Personality Development** with Subject Code DFP 103 with in the scheme of Diploma Food Production and Subject Code DBC 103 with in the scheme of Diploma Bakery and Confectionary approved, as per Annexure 7.

8. **Modification in the scheme of Examination for the course BHM&CT, B. Sc (HCM), and B. Sc Food Science & Technology w.e.f. the Even Semester Examinations 2017-18 (post facto approval) for the batches admitted in 2016-17 & onwards.**

The revision/ changes required in the above stated Scheme of Examination for the course BHM&CT, B. Sc (HCM), and B. Sc Food Science & Technology w.e.f. the Even Semester Examinations 2017-18 (post facto approval) for the batches admitted in 2016-17 & onwards were discussed and a final draft approved, as per Annexure 8.

9. **Revision of syllabi of Food & Beverage Service Foundation -I (HM 105) of BHM 1st Semester, Food & Beverage Service Foundation -I (HC 105) of BSc (HCM) 1st Semester, Food & Beverage Service Operations (HM 203) of BHM 3rd Semester, Food & Beverage Service Management -I (HM 303 b) of BHM 5th Semester, Food Service Management (HC 307 II) of B. Sc (HCM) 5th Semester, (HM 407 II) of BHM 7th Semester for the session 2018-19 and onwards.**

The revision/ changes required in the syllabi of above stated courses for the session 2018-19 and onwards were discussed and a final draft approved as per Annexure 9.

10. **Reconstitution of Departmental Research Committee (DRC) and Research Advisory Committee (RAC) for PhD (Hotel Management)**

(DEEMED TO BE UNIVERSITY)

(Established under section 3 of the UGC Act, 1956)

(Accredited by NAAC with Grade 'A')

**M.M. INSTITUTE OF COMPUTER TECHNOLOGY & BUSINESS MANAGEMENT
(HOTEL MANAGEMENT)**

MULLANA, AMBALA, HARYANA - 133207

The Reconstitution of Departmental Research Committee (DRC) and Research Advisory Committee (RAC) for PhD (Hotel Management) was discussed and a final draft approved as per Annexure 10.

11. Panel of Examiners/ paper setters for Elective Subjects of Pre PhD Course Work for PhD (Hotel Management)

Panel of paper setters/ examiners for different subjects was discussed and the names suggested by the external members were incorporated for above stated course.

12. Panel of Examiners/ paper setters (Theory & Practicals) for BHM&CT 1st, 3rd, 5th & 7th Semester and B. Sc (HCM) 1st, 3rd, 5th Semester for the session 2018-19

Panel of paper setters/ examiners for different subjects was discussed and the names suggested by the external members were incorporated for above stated course.

13. Panel of Examiners/ paper setters (Theory & Practicals) for M.Sc. (Dietetics & Nutrition) 1st, 3rd Semester and B.Sc. (Dietetics & Nutrition) 1st Semester for the session 2018-19

Panel of paper setters/ examiners for different subjects was discussed and the names suggested by the external members were incorporated for above stated course.

14. Panel of Examiners/ paper setters (Theory & Practicals) for Diploma (Food Production) 1st Semester, Diploma (Bakery & Confectionary) 1st Semester and Diploma (ATHM) 1st Semester for the session 2018-19

Panel of paper setters/ examiners for different subjects was discussed and the names suggested by the external members were incorporated for above stated course.

15. Panel of Examiners/ paper setters (Theory & Practicals) for B. Sc Food Science & Technology 1st, 2nd, 3rd, 4th, 5th & 6th Semester for the session 2017-18 (post facto approval)

Panel of paper setters/ examiners for different subjects was discussed and the names suggested by the external members were incorporated for above stated course.

16. Panel of Examiners/ paper setters (Theory & Practicals) for B. Sc Food Science & Technology 1st, 3rd & 5th Semester for the session 2018-19.

Panel of paper setters/ examiners for different subjects was discussed and the names suggested by the external members were incorporated for above stated course.

The Chairman thanked the external member for his valuable inputs. There being no other points, the meeting ended at 02:00 pm.

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Chairman

BDN FIRST SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	BDN 101	Fundamentals of Food & Nutrition	4	-	40	60	100	4
	BDN 103	Bakery Science & Technology	4	-	40	60	100	4
	BDN 105	Nutrition for the Family	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	BDN 101 Pr	Fundamentals of Food & Nutrition	-	4	60	40	100	2
	BDN 103 Pr	Bakery Science & Technology	-	4	60	40	100	2
	BDN 105 Pr	Nutrition for the Family	-	4	60	40	100	2
AECC	ES 101	Environmental science	3	-	40	60	100	3
GE	BDN 107	Human Anatomy & Physiology	4	-	40	60	100	3
DSE	BDN 109	Choose any one	3	-	40	60	100	3
		Total	22	12	420	480	900	27

Electives:

First Aid & Nursing

Food Commodities

for

for

for

for

for

for

BDN SECOND SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	BDN 102	Introduction to Dietetics	4	-	40	60	100	4
	BDN 104	Food Science	4	-	40	60	100	4
	BDN 106	Nutritional Biochemistry	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	BDN 102 Pr	Introduction to Dietetics	-	4	60	40	100	2
	BDN 104 Pr	Food Science	-	2	60	40	100	1
	BDN 106 Pr	Nutritional Biochemistry	-	2	60	40	100	1
AECC	BDN 108	Communication	3	-	40	60	100	3
AECC Practical	BDN 108 Pr	Communication	-	2	60	40	100	1
GE	BDN 110	Fundamentals of Management	3	-	40	60	100	3
DSE	BDN 109	Choose any one	3	-	40	60	100	3
		Total	21	10	480	520	900	26

Electives:

- Food Hygiene & Sanitation
- Food Handling & Packaging

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BDN THIRD SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	BDN 201	Therapeutic Nutrition & Dietetics-I	4	-	40	60	100	4
	BDN 203	Food Preservation	4	-	40	60	100	4
	BDN 205	Principles of Human Nutrition	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical AECC	BDN 201 Pr	Therapeutic Nutrition & Dietetics-I	-	4	60	40	100	2
	BDN 203 Pr	Food Preservation	-	4	60	40	100	2
	BDN 207	Introduction to Computers	3	-	40	60	100	3
AECC Pr	BDN 207 Pr	Introduction to Computers	-	2	60	40	100	1
GE	BDN 209	Diet & Nutrition Counselling	3	-	40	60	100	3
DSE	BDN 211	Choose any one	3	-	40	60	100	3
		Total	21	10	420	480	800	26

Electives:

- Introduction to Psychology
- Fermentation Technology
- Culinary Science

BDN FOURTH SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	BDN 202	Therapeutic Nutrition & Dietetics-II	4	-	40	60	100	4
	BDN 204	Food Microbiology	4	-	40	60	100	4
	BDN 206	Sports Nutrition	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	BDN 202 Pr	Therapeutic Nutrition & Dietetics-II	-	4	60	40	100	2
	BDN 204 Pr	Food Microbiology	-	4	60	40	100	2
GE	BDN 208	Introduction to Research	3	-	40	60	100	4
DSE	BDN 210	Healthcare and Hospital Management	3	-	40	60	100	3
GE	BDN 212	Choose from List	3	-	40	60	100	3
		Total	21	8	360	440	800	25

Elective:

Social & Preventive Medicine
 Scientific Writing
 Food safety

BDN FIFTH SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Discipline Specific Core (DSC)	BDN 301	Public Health & Nutrition	4	-	40	60	100	4
	BDN 303	Institutional Food Management	4	-	40	60	100	4
	BDN 305	Entrepreneurship Development	4	-	40	60	100	4
Discipline Specific Core (DSC) Practical	BDN 303 Pr	Public Health & Nutrition	-	4	60	40	100	2
	BDN 305 Pr	Institutional Food Management	-	4	60	40	100	2
FC	BDN 307	Case Study	-	4	60	40	100	2
GE	BDN 309	Weight Management	3	-	40	60	100	3
GE	BDN 311	Maternal & Child Nutrition	3	-	40	60	100	3
DSE	BDN 313	Choose from List	3	-	40	60	100	3
		Total	21	8	420	480	900	27



Elective:

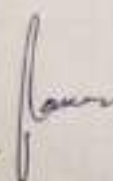


Quantity Food Production & Service
Herbs & Home Remedies

BDN SIXTH SEMESTER

	Course Code	Course Title	Evaluation Criteria	Contact Hours	Weightage		Total Marks	Credit
				Pr.	Internal	External		
Discipline Specific Core (DSC)	BDN 302	Industrial Training	Training Log Book/ Training Report	6 Months	100	-	100	10
	BDN 304		Presentation		100	-	100	4
	BDN 306		Viva - Voce		-	100	100	8
			Total	6 Months	200	100	300	22

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M.Sc. DIETETICS AND NUTRITION SEMESTER III
(for the batch admitted in 2017-18 & Onwards)
TEACHING HOURS & CREDIT SCHEME

Theory & Practical Maximum Marks : 100		
	Theory	Practical
Internal Marks	40	60
External Marks	60	40

S.No.	Subject Code	Subject	Marks				Credits
			L	P	L	P	
1.	MDN-201	Clinical and Therapeutic Nutrition -II	3	-	100	-	3
2.	MDN-203	Food Safety , Sanitation and Hygiene	3	-	100	-	3
3.	MDN-205	Community nutrition-II	3	-	100	-	3
4.	MDN-207	Management of Health and Fitness	3	-	100	-	3
5.	MDN-209	Nutraceuticals and Functional Foods	3	-	100	-	3
6.	MDN-211	*Training in Food Industry: Report preparation and presentation	-	-	-	100	4
7.	MDN-213	Seminar	-	2	-	100	1
8.	MDN-201	Clinical and Therapeutic Nutrition -II(P)	-	2	-	100	1
Total			15	4	500	300	
Grand Total					800		21

*The Training in a Food Industry for duration of eight weeks followed by report preparation and presentation consists of four credits. The same will be evaluated by internal experts.

The minimum passing marks (for any) of semester examination will be:

- 40% in each written paper.
- 40% in the aggregate of Sessional and examination marks of each theory subject.
- 40% in each practical examination or viva-voce examination.
- 40% in the aggregate of Sessional and examination marks for each practical subject.



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Credit Scheme BFST (for the batch admitted in 2016-17 & Onwards)

BFST FOURTH SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Core	BFST-202	Technology of Cereals, Pulses and Oilseeds	3	-	40	60	100	3
	BFST-202 (Pr)	Technology of Cereals, Pulses and Oilseeds Practical	-	4	60	40	100	2
	BFST-204	Food Microbiology	3	-	40	60	100	3
	BFST-204 (Pr)	Food Microbiology Practical	-	4	60	40	100	2
	BFST-206	Technology of Meat, fish and Poultry	3	-	40	60	100	3
GE	BFST-208	Food Quality and Sensory Evaluation	3	-	40	60	100	3
	BFST-208 (Pr)	Food Quality and Sensory Evaluation Practical	-	4	60	40	100	2
DSE	BFST-210	BEVERAGE TECHNOLOGY	3	-	40	60	100	3
	BFST-218	A Case Study of an organization	2	-	100	-	100	1
		Total	17	12	380	420	900	22

Credit Scheme BFST (for the batch admitted in 2016-17 & Onwards)

BFST FIFTH SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Core	BFST-301	Food Engineering	3	-	40	60	100	3
	BFST-303	Food Chemistry	3	-	40	60	100	3
	BFST-303 (Pr)	Food Chemistry Practical	-	4	60	40	100	2
DSE	BFST-305	Nutraceutical and Functional Foods	3	-	40	60	100	3
	BFST-307	Food Quality Management	3	-	60	40	100	2
GE	BFST-309	Food Packaging	3	-	40	60	100	3
	BFST-309 (Pr)	Food Packaging Practical	-	4	60	40	100	2
SEC	BFST-311	Project and Technical Report	3	-	100	-	100	3
Total			18	08	400	360	800	21

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Credit Scheme BFST (for the batch admitted in 2016-17 & Onwards)

BFST SIXTH SEMESTER								
	Course Code	Course Title	Evaluation Criteria	Contact Hours	Weightage		Total Marks	Credit
				Pr.	Internal	External		
Discipline Specific Core (DSC)	BFST 302	Industrial Training	Training Log Book/ Training Report	6 Months	100	-	100	10
	BFST 304		Presentation		100	-	100	4
	BFST 306		Viva - Voce		-	100	100	8
			Total	6 Months	200	100	300	22

Credit Scheme BFST (Only for the batch admitted in 2017-18)

2nd Semester (1st Year, Course: B. Sc. Food Science and Technology)

Sr.No.	Course Description			Teaching Scheme		
	Type of subject	Course Code	Course Title	Contact Hrs/WK		Credit
				L	P	
1	Core	BFST-202	Technology of Food Preservation	3	-	3.0
2	Core	BFST-204	Food Processing Technology	3	-	3.0
3	AECC	BFST-206	Environmental Science	3	-	3.0
4	DSE	BFST-208	Bakery Technology	3	-	3.0
5	Core	BFST-210	Food Safety, laws & regulation	3	-	3.0
6	Core	BFST-212	Communication & soft skill development	3	-	3.0
7		BFST-214	Food Processing Technology (Practical)	-	4	2.0
8		BFST-216	Bakery Technology Practical	-	4	2.0

Lower

Practical

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Credit Scheme BFST (for the batch admitted in 2017-18 & Onwards)

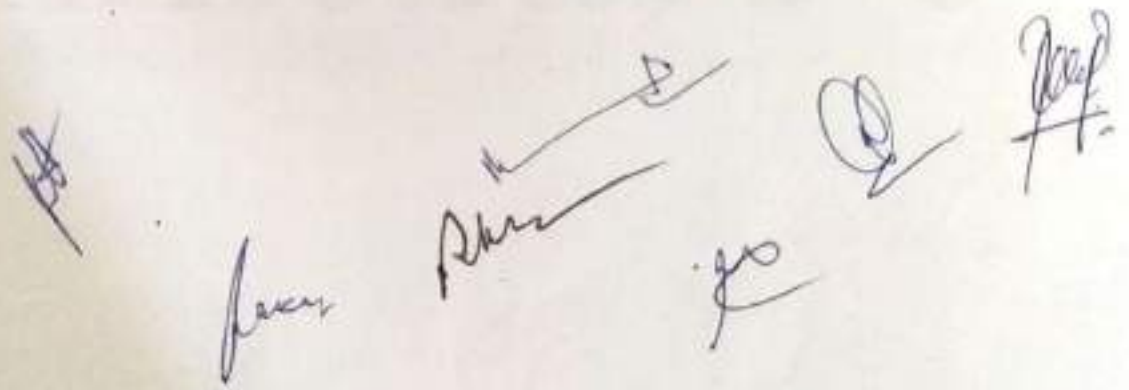
BFST THIRD SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Core	BFST-201	Food and Nutrition	3	-	40	60	100	3
	BFST-201 (Pr)	Food and Nutrition Practical	-	4	60	40	100	2
	BFST-203	Technology of Fruits, Vegetables and Plantation Crops	3	-	40	60	100	3
	BFST-203 (Pr)	Technology of Fruits, Vegetables and Plantation Crops Practical	-	4	60	40	100	2
	BFST-205	Milk & Milk Products Technology	3	-	40	60	100	3
SEC	BFST-207	Entrepreneurship Development	3	-	40	60	100	3
GE	BFST-209	Food engg. & Packaging	3	-	40	60	100	3
DSE	BFST-211	Food hygiene & Sanitation	3	-	40	60	100	3
		Total	18	8	360	440	800	22

Credit Scheme BFST (for the batch admitted in 2018-19 & Onwards)

BFST FIRST SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Core	BFST-101	Fundamentals of Food Technology	3	-	40	60	100	3
	BFST-101 (Pr)	Fundamentals of Food Technology Practical	-	4	60	40	100	2
	BFST-103	Principles of Food Science	3	-	40	60	100	3
	BFST-103 (Pr)	Principles of Food Science Practical	-	4	60	40	100	2
AECC	BFST-105	Environmental science	3	-	40	60	100	3
GE	BFST-107	Food Processing and Preservation	3	-	40	60	100	3
SEC	BFST-109	Computer applications	3	-	40	60	100	3
	BFST-109 (Pr)	Computer applications Practical	-	4	60	40	100	2
	BFST-111	Seminar		2	100	-	100	1
		Total	15	14	480	420	900	22

Credit Scheme BFST (for the batch admitted in 2018-19 & Onwards)

BFST SECOND SEMESTER								
	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	Internal	External		
Core	BFST-102	Technology of Food Preservation	3	-	40	60	100	3
	BFST-104	Food Processing Technology	3	-	40	60	100	3
	BFST-104 (Pr)	Food Processing Technology Practical	-	4	60	40	100	2
AECC	BFST-106	English Communication	3	-	40	60	100	3
DSE	BFST-108	Bakery Technology	3	-	40	60	100	3
	BFST-108 (Pr)	Bakery Technology Practical	-	4	60	40	100	2
	BFST-110	Food Safety, laws & regulation	3	-	40	60	100	3
SEC	BFST-112	Food Fermentation Technology Practical	-	4	60	40	100	2
Total			15	12	380	420	800	21


 A collection of handwritten signatures and initials in blue ink, including a large signature on the left, a signature with an arrow pointing to the right, and several other initials and signatures on the right side.



1.2. (C)

Faculty of Pharmaceutical Sciences
M.M. University, Mullana-Ambala, Haryana
(Deemed University established under section 3 of the UGC Act., 1956)
NAAC Accredited Grade 'A' University

Ref: MMU/MMCP/16/1571

Date: 16/12/2016


Minutes of meeting of **Board of Studies** in Pharmacy held on 16/12/2016 (Friday) in the office of Principal, M. M. College of Pharmacy, M. M. University, Mullana, Haryana:

Members Present:-

1.	Prof. (Dr.) Sumeet Gupta	Chairman
2.	Prof. (Dr.) MS Rathore	Member
3.	Prof. (Dr.) Randhir Singh Dahiya	Member
4.	Prof. (Dr.) Vichitra Kaushik	Member
5.	Prof. (Dr.) Manish Kumar	Member
6.	Dr. Jagatheesh K	Member
7.	Dr. Akash Jain	Member
8.	Mr. Girish Kumar Gupta	Member
9.	Prof. (Dr.) Anil Kumar	External Member

Chairman, BOS welcomed all the members. The agenda items were deliberated upon and the following were resolved:

1. The members of the BOS unanimously approved B.Pharm. and **M.Pharm Course Syllabus and ordinance as notified by Pharmacy Council of India with effect from students admitted in session 2016-17.**
2. Recommended panel of paper setters Theory / Practical examiners for B.Pharm./ M.Pharm./ Pharm.D/ Pharm.D (P.B.) Course as recommended by the BOS members.
3. The minutes of meetings of Departmental Research Committee which was held earlier (02/09/2016, 05/10/2016 & 29/11/2016) was approved.


Principal
M.M. College of Pharmacy
Maharshi Markandeshwar
(Deemed to be University)
Mullana-131027 (Haryana) INDIA

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Faculty of Pharmaceutical Sciences M.M. University, Mullana-Ambala, Haryana

(Deemed University established under section 3 of the UGC Act., 1956)
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- 4. Paper setters names for Ph.D. course work examination in faculty of pharmaceutical sciences were recommended unanimously.
- 5. Panel of expert for the evaluation of Ph.D thesis was recommended.

The meeting ended with the vote of thanks to the chair.

 Prof. (Dr.) Sunjeet Gupta Chairman	 Prof. (Dr.) M. S. Rathore Member	 Prof. (Dr.) Randhir Singh Dahiya Member
 Prof. (Dr.) Vichitra Kaushik Member	 Prof. (Dr.) Manish Kumar Member	 Dr. Jagatheesh K Associate Professor Member
 Dr. Arash Jain Assistant Professor Member	 Mr. Girish K. Gupta Assistant Professor Member	 Prof. (Dr) Anil Kumar External Member

Principal
M.M. College of Pharmacy
 (Deemed to be University)
 Mullana-133207, Distt. Ambala Haryana

Department of Law
Maharishi Markandeshwar(DEEMED TO BE UNIVERSITY)

Mullana- Ambala, Haryana (India)
(Deemed University established under Section 3 of the UGC Act., 1956)
(NAAC Accredited Grade 'A' University)



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E-Mail:

MM(DU)/LAW/20/117

Dated: 18.08.2020

Sub: - Minutes of the Meeting of the Faculty of Law

The meeting of Faculty of Law was held on 18th August, 2020 at 2:30 P.M. through online mode. The following members attending the meeting:

- | | |
|--|--|
| 1. Prof. (Dr.) Bindu Jindal | Dean, Faculty of Law |
| 2. Prof. (Dr.) Naresh Kumar Vats | External Member
(Registrar, Rajiv Gandhi National
University of Law, Patiala) |
| 3. Prof. (Dr.) Rattan Singh | External Member
(Director, University Institute of Legal
Studies, Punjab University, Chandigarh) |
| 4. Professor (Dr.) Saroj Chhabra | Member |
| 5. Professor (Dr.) Reetika Bansal | Member |
| 6. Professor (Dr.) Anuradha Chadha | Member |
| 7. Ms. Gayatri Kumari Sharma, Assoc. Professor | Member |
| 8. Ms. Randeep Kaur, Asstt. Professor | Member |
| 9. Ms. Shalini Gupta, Asstt. Professor | Member |

The Dean, Faculty of Law welcomed all the members.

The following items of the agenda were discussed and approved:

1. **Item No. 1:** To confirm the Minutes of the last meeting held on 25th September, 2019, already circulated.

Resolved unanimously to confirm the minutes of the last meeting of the Faculty of Law held on September 25, 2019.

Bindu
18/08/2020

2. **Item No. 2:** To Revise the Syllabus of Papers **Sociology-I (BL-602) of Semester-VI** and **Sociology-II (BL-701) of Semester-VII** of **B.A. LL.B.5 Years** Integrated Course effective from Academic Session 2020-21. **(Annexure-1(A) & (B))**
The Faculty discussed and unanimously approved the above changes.

3. **Item No. 3:** To revise the Syllabus of Paper **Business Statistics (BST-401) of Semester-IV** of **B.COM. LL.B. (Hons.) 5 Years** Integrated Course effective from Academic Session 2020-21. **(Annexure-2)**
The Faculty discussed and unanimously approved the above changes.

4. **Item No. 4:** To revise the Syllabus of Paper **Law of Crimes-II (Criminal Procedure Code) (LAW-405) of Semester- IV** of **B.A.LL.B. / B.Com.LL.B. (Honours) /BBA.LL.B. (Honours)** (5years) Integrated Course effective from Academic Session 2020-21. **(Annexure-3)**
The Faculty discussed and unanimously approved the above changes.

5. **Item No. 5:** To revise the syllabus of Paper **Land Laws including Tenure and Tenancy (LAW-1002) of Semester X** of **B.A.LL.B. / B.Com.LL.B. (Honours) /BBA.LL.B. (Honours)** (5years) Integrated Course effective from Academic Session 2020-21. **(Annexure-4)**
The Faculty discussed and unanimously approved the above changes.

6. **Item No. 6:** To revise the syllabus of Paper **Constitutional Law-I (LAW-304) of Semester -III** of **B.A.LL.B. / B.Com.LL.B. (Honours) /BBA.LL.B. (Honours)** (5years) Integrated Course effective from Academic Session 2020-21. **(Annexure-5)**
The Faculty discussed and unanimously approved the above changes.

7. **Item No. 7:** To revise the syllabus of Paper **Economics-I (Micro-Economics) (ECO-103) of Semester-I** of **B.A.LL.B. / B.Com.LL.B. (Honours) /BBA.LL.B. (Honours)** (5years) Integrated Course effective from Academic Session 2020-21. **(Annexure-6)**
The Faculty discussed and unanimously approved the above changes.

Final
10/08/2022

8. **Item No. 8:** To revise the syllabus of Paper **Tort and Consumer Protection Laws (LAW-105)** of Semester-I of B.A.LL.B. / B.Com.LL.B. (Honours) /BBA.LL.B. (Honours) (5years) Integrated Course effective from Academic Session 2020-21,(Annexure-7)

The Faculty discussed and unanimously approved the above changes.

The meeting came to an end with thanks to the chair.


18/08/2020

(Prof. (Dr.) Bindu Jindal)

(Prof. (Dr.) Naresh Kumar Vats)
(Virtually attended the meeting
and approved the agenda items)

(Prof. (Dr.) Rattan Singh)
(Virtually attended the meeting
and approved the agenda items)


18/8/2020

(Prof. (Dr.) Saroj Chhabra)


18/8/2020

(Prof. (Dr.) Reetika Bansal)

(Prof.(Dr.) Anuradha Chhadha)
(Virtually attended the meeting
and approved the agenda items)


18/8/20

(Ms. Gayatri Kumari Sharma)


18/8/2020

(Ms. Randeep Kaur)


18/8/2020

(Ms. Shalini Gupta)

Dean
Faculty of Law

Copy is forwarded to the following for information and necessary action:


1. External Member of the Faculty of Law

- { Prof. (Dr.) Naresh Kumar Vats, Registrar, RGNUL, Patiala
- { Prof. (Dr.) Rattan Singh, Director, UILS, PU, Chandigarh

2. Internal Members of the Faculty of Law

3. Dy. Registrar (Academic), MM(DU), Mullana

4. Senior Accounts Officer, MM(DU), Mullana


18/08/2020
Dean
Faculty of Law

Dean
Faculty of Law
Maharishi Markandeshwar
University