

M.M. Institute of Computer Technology & Business Management,
Maharishi Markandeshwar (Deemed to be University), Mullana (Ambala)
(Established under Section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade 'A')

STUDENT FEEDBACK ON SCHEME & SYLLABI

Name Jasmeet Kaur Roll No. 1319003
Class BCA 1st. Batch 2019-2022

Sr. No.	Paper/Subject	Suggestions
1.	BCA-101 Computer fundamentals and basics of C language	More concepts such as Macros and embedded data types should be added in the subject.
2.		Basics of programming such as algorithms, pseudocode, flowchart should be added in the subject.
3.		
4.		
5.		
6.		
7.		
8.		

(Please attach separate sheet if needed)


Signature

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FACULTY FEEDBACK ON SCHEME & SYLLABI

Name Pooja Rani Designation Assistant Professor

Sr. No.	Class	Code/Subject	Suggestion
1.	BCA	BCA-101 Computer	Programming in C is itself a complete subject
2.		Fundamentals and Basics	so there is no requirement of computer fundamentals
3.		of C Language	and it should be removed from subject.
4.	MCA	MCA-301:	Different types of
5.		Java Programming	Layout Manager
6.			should be added in
7.			the subject.
8.			
9.			
10.			

(Please attach separate sheet if needed)

Pooja
Signature

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ALUMNI FEEDBACK ON SCHEME & SYLLABI

Name Viveka Kaushtik Batch 2005-08

Designation Project Manager

Official Address Ocwen Financial Solutions Ltd.
Mumbai

Contact No. 97681-18008 Mail-Id viveka.kaushtik@ocwen.com

Sr. No.	Class	Subject	Suggestion
1.	MCA		The subject of digital marketing should be included in the course curriculum.
2.			
3.			
4.	MCA		The concept of software metrics, information hiding should also be introduced in the subject of Software Engineering.
5.			
6.			
7.			
8.			More emphasis should be on practical aspects.
9.			
10.			

(Please attach separate sheet if needed)

Viveka
Signature 13/3/20

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EMPLOYER FEEDBACK ON SCHEME & SYLLABI

Name Sarthak Sharma Designation Lead - Talent Acquisition

Official Address Infosys Ltd., Bangalore, Karnataka India

Contact No. 63645-69877 Mail-Id Sarthak.Sharma02@infosys.com

Sr. No.	Class	Subject	Suggestion
1.	BCA		Advance subjects, such as artificial intelligence, mobile app development, internet of things (IOT) should be added
2.			& more info emphasis should be on practical implementation so that student must be job-ready after completing their graduation.
4.	MCA	MCA-502 Web Tech.	Server side scripting tech. should also be introduced in the syllabus.
5.			
6.			
7.			
8.			

(Please attach separate sheet if needed)


Signature

M.M. INSTITUTE OF COMPUTER TECHNOLOGY & BUSINESS MANAGEMENT
MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA
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A One Day Workshop on Scheme and Syllabus Restructuring

The Institute was organized a one day workshop on restructuring and redesigning of Scheme and Syllabi of BCA and MCA to be effective from the academic session 2020-21 under the Choice Based Credit Scheme (CBCS) on 02.06.2020 (Tuesday) from 10:00 am onwards.

The following faculty members were participated in this workshop:

1. Dr. Sumit Migttal, Dr. Munishwar Rai, Mr. Vivek Bhatnagar, Dr. Dalip, Mrs. Sawita Wadhawan, Mrs. Deepika Kalyan, Mr. Arvind Sharma, Ms. Ayushi, Mrs. Nitika Arora, Mrs. Pooja Rani, Ms. Ritu Aggarwal, Mrs. Rubika Walia
2. Dr. Sandip Kumar Goyal (HOD, CSE, MMEC), Dr. Sanjeev Rana Professor, CSE were also participated as the subject experts.

The feedback committee of the institute presented the feedback analysis report for the session 2019-20 in the workshop. A worthy deliberation was held among all the faculty members present and all the members were of the same opinion that the scheme & syllabi needs be modified as per the current trends of the software industry. The external experts suggested about the worthiness of various revisions which should have to be undertaken by the institutes in scheme and syllabi of all ongoing technical courses on time as per current scenario of industry. They also suggested subjects named Internet Technologies, Software Testing and Quality Assurance, Digital Marketing, Blockchain Technology, Machine Learning, R-Programming etc. to be introduced. Dr. Sumit Mittal made aware all the faculties about the importance of CBCS & elective subjects and it was decided to get them introduced in BCA and MCA programme. Workshop ended with vote of thanks proposed by Principal, MMICTBM.




Principal
M.M. Institute of Computer Technology
& Business Management (MCA)
Maharishi Markandeshwar
(Deemed to be University)
Mullana-Ambala 133-207

02/06/2020



M. M. Institute of Computer Technology & Business Management (MCA)
Maharishi Markandeshwar (Deemed to be University)
Mullana –Ambala, 133207 (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 **22-07-2020 (Wednesday)** at **11:00 am** in the office of the Principal, M.M. Institute of Computer Technology & Business Management (MCA), M.M. (Deemed to be University), Mullana. The meeting of BOS fixed for 20.07.2020 which was postponed and held on 22.07.2020.

The following members attended the meeting either physical or in a virtual manner:

- | | |
|---|-----------------|
| 1. Dr. Sumit Mittal, Professor, MMICTBM (MCA) | Chairman, BOS |
| 2. Dr. Arvind Kalia, Professor,
Department of Computer Science & Applications,
Himachal Pradesh University, Shimla | External Expert |
| 3. Dr. Suchita Upadhyaya, Professor,
Department of Computer Science & Applications,
Kurukshetra University, Kurukshetra | External Expert |
| 4. Dr. Munishwar Rai, Professor, MMICTBM (MCA) | Member |
| 5. Mr. Vivek Bhatnagar, Assistant Professor, MMICTBM (MCA) | Member |
| 6. Mr. Gautam Kumar, Assistant Professor, MMICTBM (MCA) | Member |

Chairman, BOS welcomed all the members especially the external experts Dr. Arvind Kalia and Dr. Suchita Upadhyaya for attending the meeting.

The following items were discussed:

1. The minutes of the last meeting of Board of Studies held on 24.01.2020 were circulated among all the members. Since no comment has been received, the house confirmed the minutes of meeting and action taken report of the said meeting.
2. Considered and approved the 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 **as per Annexure - I, Pages: 1-4.**
3. Considered and approved the 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 **as per Annexure - II, Pages: 1-24.**
4. Considered and approved the new scheme of MCA (1st Sem. to 4th Sem.) **as per Annexure - III, Pages: 1-4** and syllabi of MCA - 1st year (1st Sem. & 2nd Sem.) under Choice Based Credit Scheme (CBCS) for the batch 2020-22 w.e.f the session 2020-21 **as per Annexure - IV, Pages: 1-23.**
5. Considered and approved the list of MOOC subjects for BCA/MCA for the session 2020-21 (Odd Semester) under the category of Swayam Courses **as per Annexure - V, Pages 1.**
6. Considered and approved the changes proposed by the Ph.D supervisors in the existing elective subjects for MP-05 of Ph.D (Course Work) w.e.f the session 2020-21 as given below:

Sr. No.	Paper Code	Nomenclature of Paper	% change in Syllabus
1.	MP-05 (A)	Big Data	35
2.	MP-05 (B)	Machine Learning	70
3.	MP-05 (C)	Cloud Computing	10



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7. Considered and approved the following new elective subjects for MP-05 of Ph.D (Course Work) w.e.f the session 2020-21:

Sr. No.	Paper Code	Nomenclature of Paper
1.	MP-05 (D)	Internet of Things
2.	MP-05 (E)	Image Processing
3.	MP-05 (F)	Wireless Sensor Networks
4.	MP-05 (G)	Mobile Adhoc Networks

8. Considered and approved the Panel of Paper Setters for BCA/MCA-1st Sem., BCA/MCA-3rd Sem., BCA/MCA-5th Sem. exams to be held in November/ December, 2020.
9. Considered and approved the Panel of examiners to evaluate the Ph.D thesis and to conduct the Viva-Voce of Mr. Virender Singh Schrawat, Regn. No. 13-MCM-201 under the supervision of Dr. Rajeev Gupta.
10. Considered and approved the Panel of examiners to evaluate the Ph.D thesis and to conduct the Viva-Voce of Ms. Sumiti, Regn. No. 13-MCM-206 under the supervision of Dr. Sumit Mittal.
11. Considered and approved the Panel of examiners to evaluate the Ph.D thesis and to conduct the Viva-Voce of Mr. Nippun Kamboj, Regn. No. 15-Ph.D-042 under the supervision of Dr. Dalip.
12. Report of analysis of feedback on Curriculum collected from various stakeholders for the session 2019-20 was presented before the house **as per Annexure - IV, Pages: 1-4**. Based on the feedback, the following changes has been incorporated in the syllabi of BCA-1st year and MCA-1st year:

Sr. No.	Paper Code	Nomenclature of Paper	% change in Syllabus
1.	BCA-101	Programming in C	20
2.	BCA-102	Computer Fundamentals & MS Office	50
3.	BCA-103	Digital Electronics	20
4.	BCA-104	Introduction to Information Technology	10, Shifted from BCA-2 nd Sem.
5.	BHUM -001	English	50
6.	BHUM -002	English Lab.	40
7.	BCA-202	Data Structure	10
8.	BCA-203	Mathematical Foundation	Shifted from BCA-3 rd Sem.
9.	ES – 101	Environment Studies	Shifted from BCA-5 th Sem.
10.	MCA-101	Data Structure using C++	Newly Introduced
11.	MCA-102	Advanced Database Management System	Newly Introduced
12.	MCA-103	Operating System	Newly Introduced
13.	MCA-104	Software Engineering	35
14.	MCA-105	Business Intelligence and its Applications	Newly Introduced
15.	MCA-201	Object Oriented Programming using Java	Newly Introduced



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16.	MCA-202	Web Technologies	Newly Introduced
17.	MCA-204	Software Testing and Quality Assurance	Newly Introduced
18.	MCA-205	Digital Marketing	Newly Introduced

13. The following Interdisciplinary courses has been introduced w.e.f the session 2020-21:
- Digital Electronics, English, Mathematical Foundation, Environment Studies, Principles of Management, Disaster Management and Statistical Methods in BCA.
 - Entrepreneurship Development, Personality Development and Human Values & Professional Ethics in MCA.
14. The following Value Added course has been introduced w.e.f the session 2020-21:
- SAP Online Training, Entrepreneurship Development, Personality Development and Essence of Indian Traditional Knowledge in BCA.
 - SAP Online Training in MCA.

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, BOS

Endst. No. MMICTBM/2020/ 1353

Dated: 23-07-2020

Copy to:

1. Controller of Examinations, MM (DU), Mullana.
2. All the Concerned Members
3. Dean, Faculty of Engineering & Technology, MM (DU), Mullana
4. Deputy Registrar (Academic), MM (DU), Mullana.

Chairman 23.07.2020
Board of Studies, MCA

9/6

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA-AMBALA
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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>
Physics (BOS meeting held on 6.7.2020)	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>
Chemistry (BOS meeting held on 29.6.2020)	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>
Mathematics (BOS meeting held on 9.7.2020)	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>
Humanities (BOS meeting held on 10.07.2020)	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>

<p>Management (BOS meeting held on 22-7-2020)</p>	<p>15.9 (Under Any other Item 15.19)</p>	<p>15.9 (i) Eligibility conditions for admission to MCA – 2 years (Changed from 3 years) as under:</p> <p>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.</p> <p>(ii) New Scheme of MCA (1st Sem. to 4th Sem.) under CBCS for the batch 2020-22. w.e.f. the session 2020-21. Annexure – 15.9.5 (Pages: 1-4)</p> <p>(iii) New Syllabus of MCA 1st year (1st Sem. to 2nd Sem.) under CBCS for the batch 2020-22 w.e.f. the session 2020-21. Annexure – 15.9.6 (Pages: 1-23)</p>
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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

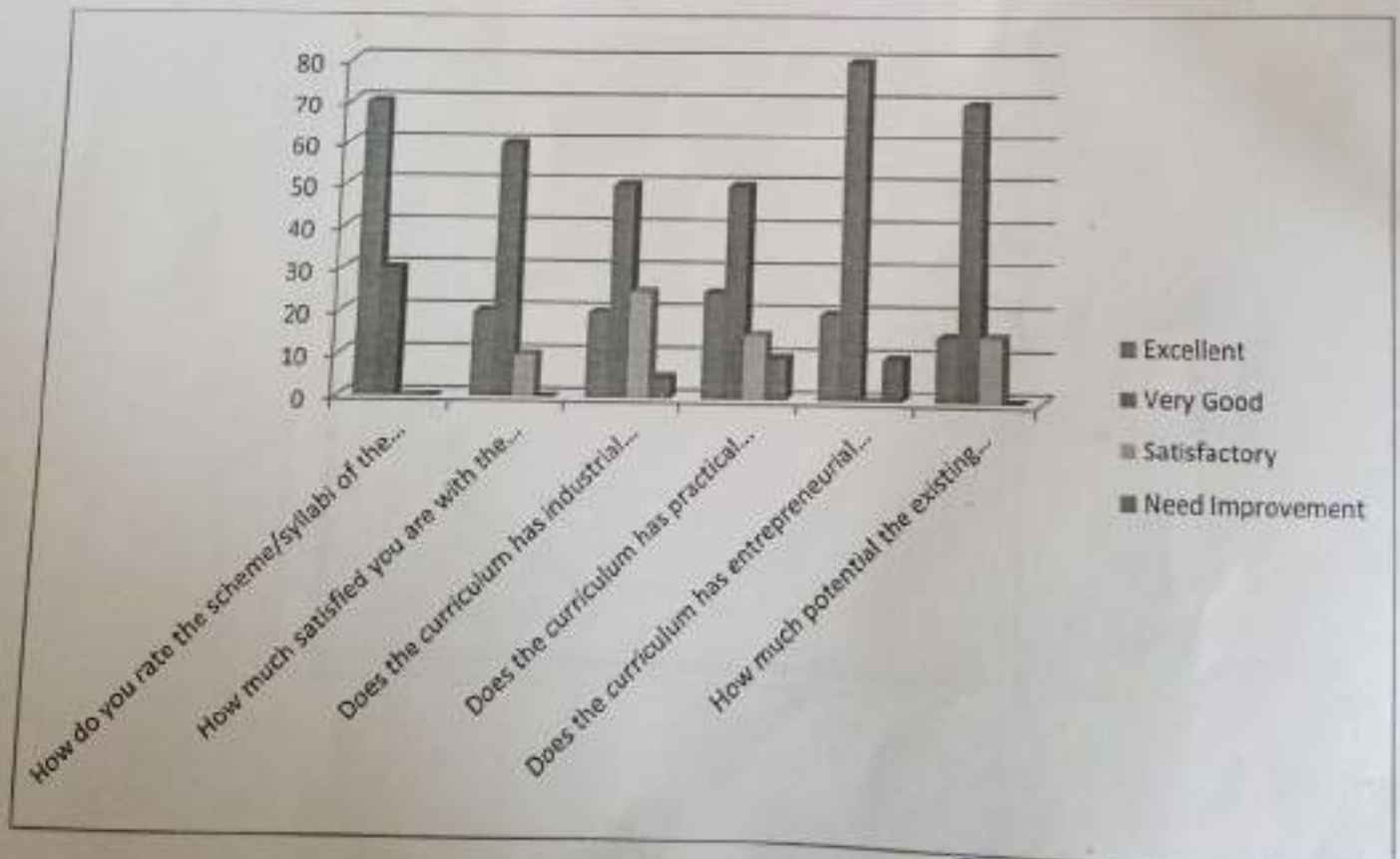
MAHARISHI MARKANDESHWAR ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL ENGINEERING

E-mail: hod.ee@mmumullana.org

STUDENT FEEDBACK (%) ON CURRICULUM (AY-2018-19)

Questionnaire	Excellent	Very Good	Satisfactory	Need Improvement
How do you rate the scheme/syllabi of the programme?	70	30	0	0
How much satisfied you are with the overall curriculum?	20	60	10	0
Does the curriculum has industrial relevance?	20	50	25	5
Does the curriculum has practical utility/applications?	25	50	15	10
Does the curriculum has entrepreneurial aspects?	20	80	0	10
How much potential the existing curriculum has in terms of employability?	15	70	15	0



[Signature]
 Professor & Head
 Department of Electrical Engg.
 M. M. Engineering College
 Mullana (Ambala) 133201

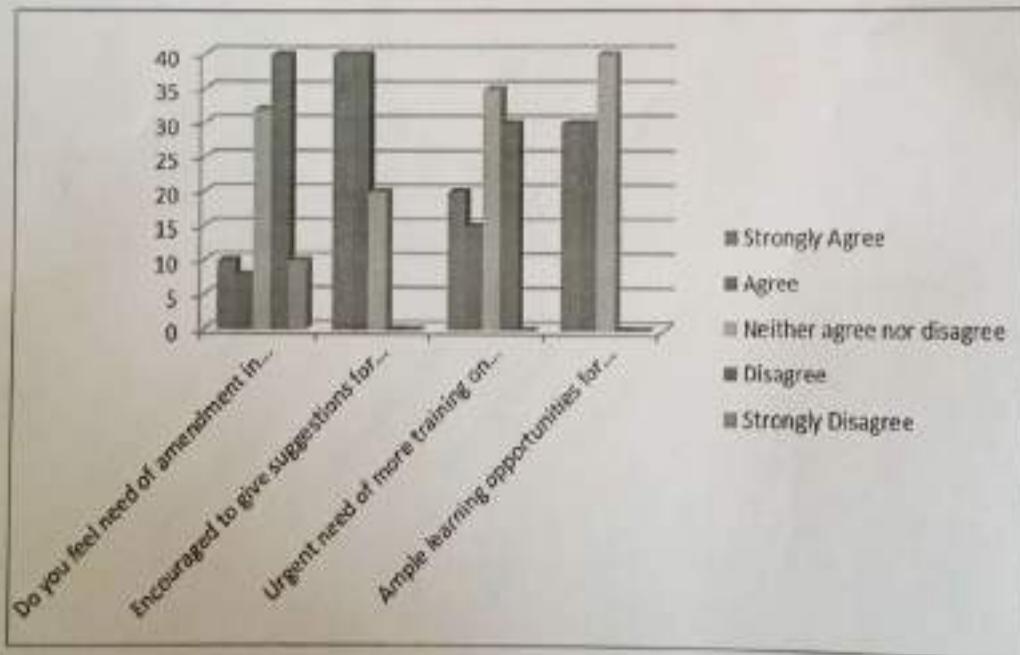
MAHARISHI MARKANDESHWAR ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL ENGINEERING

E-mail: hodee@mmumulana.org

FACULTY FEEDBACK (%) ON CURRICULUM (AY-2018-19)

Questionnaire	Strongly Agree	Agree	Neither agree nor disagree	Disagree	Strongly Disagree
Do you feel need of amendment in course you are teaching	10	8	32	40	10
Encouraged to give suggestions for improvement in teaching and learning in the departmental meetings	40	40	20	0	0
Urgent need of more training on newer teaching methodologies to enhance quality of teaching learning process	20	15	35	30	0
Ample learning opportunities for career enhancement in the university	30	30	40	0	0



[Signature]
 Professor & Head
 Department of Electrical Engg
 M. M. Engineering College
 Mulana (Ambala) 133207

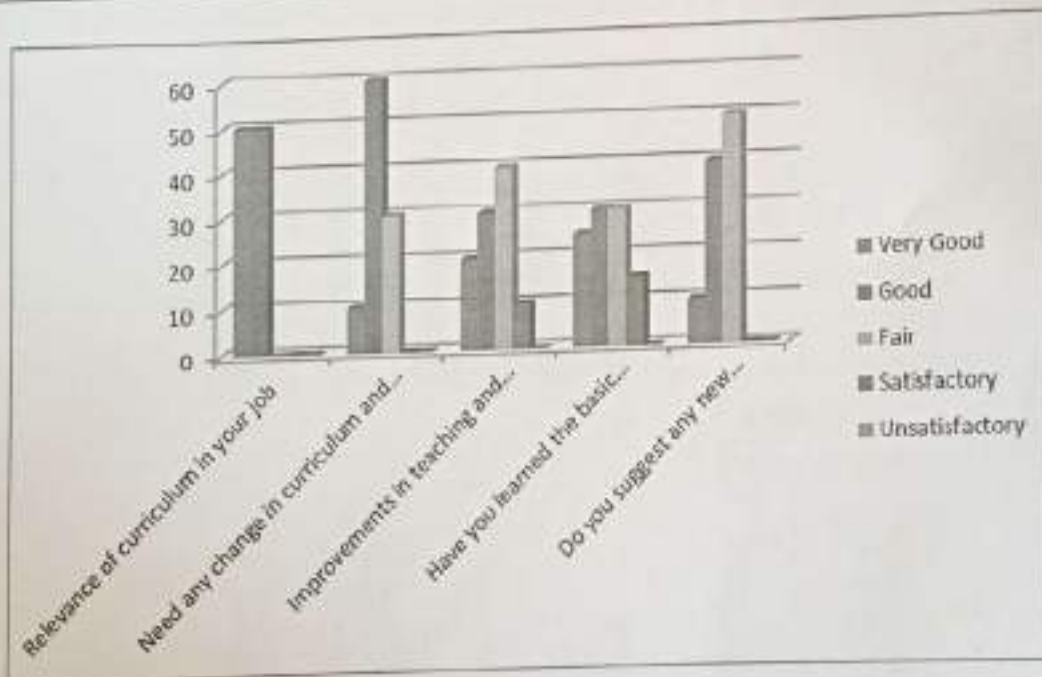
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DEPARTMENT OF ELECTRICAL ENGINEERING

E-mail: hodee@mmumullana.org

ALUMNI FEEDBACK (%) ON CURRICULUM (AY-2018-19)

Questionnaire	Very Good	Good	Fair	Satisfactory	Unsatisfactory
Relevance of curriculum in your job	50	50	0	0	0
Need any change in curriculum and syllabi	10	60	30	0	0
Improvements in teaching and learning process	20	30	40	10	0
Have you learned the basic concept through your project?	25	30	30	15	0
Do you suggest any new subject/course to be introduced	10	40	50	0	0




 Professor & Head
 Department of Electrical Engineering
 M. M. Engineering College
 Mullana (Ambala) 133201

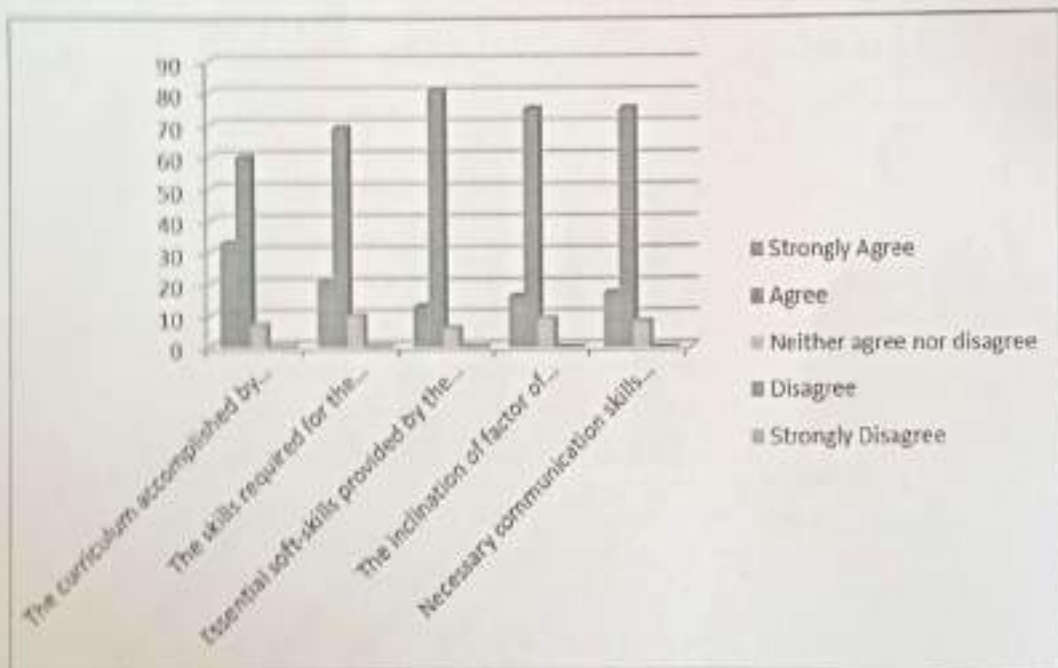
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DEPARTMENT OF ELECTRICAL ENGINEERING

E-mail: hodee@mmumullana.org

EMPLOYER FEEDBACK (%) ON CURRICULUM (AY-2018-19)

Questionnaire	Strongly Agree	Agree	Neither agree nor disagree	Disagree	Strongly Disagree
The curriculum accomplished by the employees has relevance to industrial needs	33	60	7	0	0
The skills required for the employment is addressed in curriculum	21	69	10	0	0
Essential soft-skills provided by the institution has bearing on performance of the employer	13	81	6	0	0
The inclination of factor of employability in curriculum needs drastic change	16	75	9	0	0
Necessary communication skills are provided by the graduating institution	17	75	8	0	0



[Handwritten Signature]

Professor & Head
Department of Electrical Engg
M. Engineering College
Mullana (Ambala) 133207

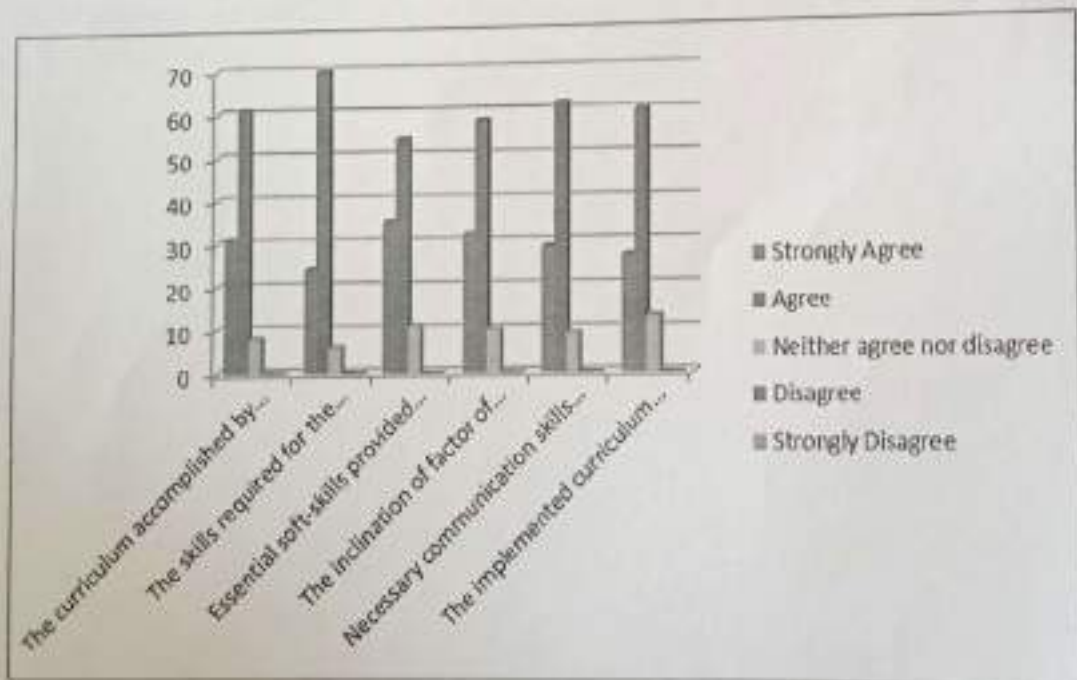
MAHARISHI MARKANDESHWAR ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL ENGINEERING

E-mail: hodee@mmumullana.org

PROFESSIONAL'S FEEDBACK (%) ON CURRICULUM (AY-2018-19)

Questionnaire	Strongly Agree	Agree	Neither agree nor disagree	Disagree	Strongly Disagree
The curriculum accomplished by the employees has relevance to industrial needs	31	61	8	0	0
The skills required for the employment is addressed in curriculum	24	70	6	0	0
Essential soft-skills provided through curriculum by university are satisfactory	35	54	11	0	0
The inclination of factor of employability in curriculum needs drastic change	32	58	10	0	0
Necessary communication skills are provided by the university	29	62	9	0	0
The implemented curriculum stated the learning outcomes and graduate attributes as per provisions of regulatory bodies	27	60	13	0	0




 Director & Head
 Department of Electrical Engg.
 M. Engineering College
 Mullana (Ambala) 133203

Maharishi Markandeshwar Engineering college

Electrical Engineering Department

Action Taken Report

Academic Year: 2018-19

Action taken report has been prepared after getting the feedback from various Alumnis,Students,Teachers,Employers,Industry professionals for the up gradation of students as well as department

- Curriculum has been revised according to the industrial needs and Approved from BOS as per AICTE model scheme
- Extra Classes has been conducted for the slow learners to improve their Performance
- More career guidance and soft skill development schemes have been implemented
- More no of industrial visits and field visits are conducted. Also teachers are asked to undertake more experiential teaching learning process.
- Teachers are also using PowerPoint presentations for enhancing teaching learning experience.
- All faculties are now using ICT for teaching learning purposes to create smart learning environment
- Placement and guidance cell has been strengthened to provide more job opportunities to the students



Professor & Head
Department of Electrical Engg
M. M. Engineering College
Mullana (Ambala) 133203

M. M. ENGINEERING COLLEGE, MULLANA (AMBALA)
ELECTRICAL ENGINEERING DEPARTMENT

Dated: 24/08/18

Subject: Minutes of meeting of BOS in Electrical Engineering Department (MMEC)

The meeting of Board of Studies in Electrical Engineering Department of MMEC, Mullana was held on 24/08/2018 at 02:00 P.M. in the office of the Chairman, Electrical Engineering Department of M. M. Engineering College, Mullana. The following members were present:

- | | | |
|--|--------------------|------------|
| 1. Dr. Tarun Gulati, Head, EE Deptt, MMEC, Mullana | <i>(Signature)</i> | (in chair) |
| 2. Dr. Ashok Kumar, Director & Professor, MMEC, Mullana | <i>(Signature)</i> | (Member) |
| 3. Dr. Ashu Ahuja, Professor, EE Deptt., MMEC, Mullana | <i>(Signature)</i> | (Member) |
| 4. Mr. Puneet Aggarwal, Assoc. Prof., EE Deptt., MMEC, Mullana | <i>(Signature)</i> | (Member) |
| 5. Mr. Gourav Sharma, Asst. Prof., EE Deptt., MMEC, Mullana | <i>(Signature)</i> | (Member) |
| 6. Mr. Manoj Aggarwal, Asst. Prof., EE Deptt., MMEC, Mullana | <i>(Signature)</i> | (Member) |

Dr. Dinesh Kumar Jain (External Member) and Dr. Pragati Kumar (External Member) could not attend the meeting due to preoccupations but they have approved the contents of agenda of BOS through e-mail. The following decisions were taken:

Item 1	The syllabus of Basics of Electrical Engineering (EEM-001) & Basic Electrical Engineering Lab (EES-005), as per AICTE model scheme, from batch 2018 onwards (Post-facto) was recommended and approved.				
Item 2	The syllabus of B.Tech Electrical Engineering (EE) 5 th semester for Batch 2016-2020 (Post-facto) and for batch 2017-2021 was recommended and approved.				
Item 3	The syllabus of B.Tech Electrical Engineering (EE) 6 th , 7 th & 8 th Semesters for Batch 2016-2020 and 2017-2021 was recommended and approved.				
Item 4	The panel of Examiners for theory and practical examinations of B.Tech Electrical Engineering (EE) 3 rd , 4 th , 5 th , 6 th , 7 th & 8 th semesters was recommended and approved.				
Item 5	The panel of Examiners for theory and practical examinations of B.Tech 1 st year for Batch 2018-19 was recommended and approved.				
Item 6	The change of supervisor of Mr. Krishan Arora (15-Ph.D-024) was recommended and approved				
	Registration Number	Name of Candidates	Title of Thesis	Name of Old Supervisor	Name of New Supervisor
	15-Ph.D-024	Mr. Krishan Arora	Load Frequency Control of Integrated Hydrothermal Power System with Non-Conventional Energy Sources using Modern Soft Computing Techniques.	1) Dr. Parvinder Kaur, Prof. ECE (Supervisor) 2) Dr. Vikram Kumar Kamboj, Assistant Prof., EED, DAV University Jalandhar (Co-Supervisor)	1) Dr. Ashok Kumar, Professor & Director, MMEC, Mullana. 2) Dr. Vikram Kumar Kamboj, Assistant Prof., EED, DAV University Jalandhar (Co-Supervisor)
Item 7	Considered and approved the recommendations of DRC held on 04.08.2018 in respect of Mr. Krishan Arora, Research scholar as under:				
	Sr. No.	Name of Candidate	Name of Supervisor	Date of Registration	Research Topic
	1.	Krishan Arora (15-Ph.D-024)	Dr. Ashok Kumar, Professor & Director, MMEC, Mullana (Supervisor) Dr. Vikram Kumar Kamboj, Assistant Prof., EED, DAV University Jalandhar (Co-Supervisor)	26.08.2015	Load Frequency Control of Integrated Hydro-Thermal Power Systems with Non-Conventional Energy Sources using Modern Soft Computing Techniques.
Item 8	The deregistration of Ph.D candidate Mr. Sanjeev Kumar (07-ECM-1145) was recommended and forwarded to Hon'ble Vice-Chancellor MMDU, Mullana for kind consideration				
Item 9	The deregistration of Ph.D candidate Mr. Jai Singh Arya (11-Ph.D-116) was recommended and forwarded to Hon'ble Vice-Chancellor MMDU, Mullana for kind consideration				

The meeting ended with vote of thanks by the Chairman.

(Signature)
 24/8/18
 Dr. Tarun Gulati
 Chairman BOS
 EE Deptt.,
 MMEC, MMDU

- Copy:
1. PA to Dean Faculty of Engg. & Tech. / Principal for his kind information.
 2. Dean Academics
 3. D.R. (Academics)
 4. DR (Conduct)
 5. DR (Secrecy)
 6. ...

Maharishi Markandeshwar University, Mullana, Ambala
(Established under Section 3 of the UGC Act vide Notification No. F.9-65/2006-U.3 (A) Dated 12.6.2007.

Accredited by NAAC with Grade 'A'

M.M. Engineering College, Mullana, Ambala

Department of Computer Science & Engineering

Date: 16/7/2016

Minutes of meeting of Departmental Curriculum Review Committee

Meeting of DCRC with all the staff members was held in Room No. 125 on 16/7/2016 at 12:30 PM

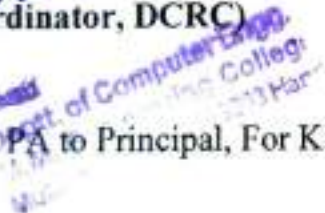
Minutes of meetings are:

- 1) Feedback of students (informal suggestions by class teacher/mentors), faculty (class teaching experience), Alumni and IT Companies related to curriculum updation/review were discussed. There was no suggestion related to curriculum updation/review in the department.


(Coordinator, DCRC)

CC: 

1) DPA to Principal, For Kind Information



Maharishi Markandeshwar University, Mullana, Ambala
(Established under Section 3 of the UGC Act vide Notification No. F 9-65/2006-U.3 (A) Dated 12.6.2007.

Accredited by NAAC with Grade 'A'

M.M. Engineering College, Mullana, Ambala

Department of Computer Science & Engineering

Date: 25/1/2017

Minutes of meeting of Departmental Curriculum Review Committee

Meeting of DCRC with all the staff members was held in Room No. 125 on 25/1/17 at 12:30 PM

Minutes of meetings are:

- 1) Feedback of students (informal suggestions by class teacher/mentors), faculty (class teaching experience), Alumni and IT Companies related to curriculum updation/review were discussed.
- 2) At the end, it has been decided to incorporate new subject:
 - Subject **"Python Programming"** in B.Tech curriculum.

S. Goy
(Coordinator, DCRC)

CC:

- 1) PA to Principal, For Kind Information

DCRC
Deptt. of Computer Engg.
M.M. Engineering College
Mullana, Ambala

MINUTES of the meeting of the board of studies in computer department held in the office of the head at 12:20 P.M. on 20th August, 2016. The following were present:

1. Dr. Sandip Goyal, Professor & Head, CSE	In-Chair
2. Dr. Sandeep Sharma, Professor, CSE, GNDU, Amritsar	External Expert
3. Dr. Mohit Gambhir, Founder of PiVerse India Pvt. Ltd., Noida	External Expert
4. Dr. Ashok Kumar, Professor, CSE	Member
5. Dr. Soarav Upadhaya, Professor, CSE	Member
6. Dr. Amit Bindal, Assoc. Professor, CSE	Member
7. Mr. Neeraj Raheja, Assoc. Professor, CSE	Member
8. Mr. Anuj Jain, Asst. Professor, CSE	Member

The following decisions were taken:

- Minutes of meeting of Board of Studies held on 19th December, 2015 were confirmed.
- Panels of paper setters/Examiners of all the Theory and Practical papers of the following courses were recommended and as decided the panels of Paper setters/Examiners will be sent to the Controller of Examinations separately in a Confidential Cover:
 - B. Tech (Computer Engineering, Computer Sc. & Engineering) – 1st, 2nd, 3rd, 5th, 7th semester for the Examination to be held during Nov/Dec 2016.
 - M. Tech (Computer Sc. & Engineering) -1st and 3rd semester for the examinations to be held during Nov/Dec 2016.
 - Diploma-B. Tech. Integrated 6 Years (Computer Sc. & Engineering) – 3rd and 5th semester for the examinations to be held during Nov/Dec 16.
- Ph.D. synopsis of following research scholars was approved as per the minutes of DRC meetings held on 2.7.2016 & 18.7.2016 :

Sr. No.	Name of Research Scholar	Title	Name of Supervisor
1.	Nishi Gupta (15-PhD-017)	Improving Security Framework for e-Governance in Rural Areas	Dr. Rakesh Sharma
2.	Anju Rani (15-PhD-018)	Power Management Schemes in Wireless Sensor Networks	Dr. Amit Kumar Bindal
3.	Anchal Kathuria (15-PhD-016)	Improving Social Media Opinions Analysis and Prediction using Learning based Techniques	Dr. Soarav Upadhaya
4.	Charu Sharma (15-PhD-015)	A Trust based Secure Framework for Energy Aware Wireless Sensor Networks	Dr. Rohit Vaid
5.	Punnet Banga (15-PhD-014)	Improving Performance of Task Scheduling Techniques in Cloud Environment	Dr. Sanjeev Rana
6.	Bhupesh Gupta (09-ECM-1833)	Efficient Energy Approach for Prolonging Lifetime in Wireless Sensor Networks	Dr. Sanjeev Rana
7.	Jaspreet Kaur (09-ECM-1874)	Digital Video Authentication System by using Learning based Techniques	Dr. Saurabh Upadhyay
8.	Rohini Goel (07-ECM-1025)	Design and Implementation of Object Recognition System For Images using Deep Learning	Dr. Saurabh Upadhyay
9.	Roopesh Singh (15-PhD-019)	Machine Learning based policy derivation and control for Mobile networks	Dr. Vijay Katiyar

- Considered & approved the scheme & syllabi for B. Tech (Computer Engineering, Computer Sc. & Engineering) – 7th & 8th semester (for batch 2013-2017 only) was approved (Post Facto approval).
- Considered and approve the amendments in the syllabus of CO 101 & CO 103 of B.Tech (1st / 2nd semester for batch 2016-2020 onwards) (Post Facto approval).
- The Panel of Examiners for the evaluation of M.Tech Dissertation of students (who will submit their dissertation during August 2016 – August 2017) was approved from BoS and will be sent to the Controller of Examination separately in confidential cover.
- The Panel of Examiners for the evaluation of Ph.D. Thesis of Mr. Neeraj Raheja, Research Scholar (Regn no. 11-PhD-008) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.

AKK
20/8/16

20/8/16

20/8/16

20/8/16
20/8/2016

20/8/16
Page 1 of 02

- Amec-1 { 8. The Panel of Examiners for the evaluation of Ph.D. Thesis of Mr. Anurag Jain, Research Scholar (Regn no. PhD-008), was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
- Amec-2 { 9. The Panel of Examiners for the evaluation of Ph.D. Thesis of Ms. Amandeep Kaur, Research Scholar (Regn no. 07-ECM-1021) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
- Amec-9 { 10. The Panel of Examiners for the evaluation of Ph.D. Thesis of Ms. Sandhya Rani, Research Scholar (Regn no. 11-PhD-009) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
- Amec-10 { 11. The Panel of Examiners for the evaluation of Ph.D. Thesis of Ms. Sandhya Umrao, Research Scholar (Regn no. 11-PhD-011) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.

Also resolved to authorize the HOD/Chairman Board of Studies of Computer department to recommend the names of paper setters / Examiners for any paper of any course taken by Computer Sc. & Engineering department for the examination to be held during session 2016-17 not covered by the panels of paper setters / Examiners recommended under item no. 2 or if the names recommended for any paper in the panels already recommended have been exhausted.

The meeting ended with a vote of thanks to all the members especially to the external expert.

CC:

- 1. All Members of the Board of Studies
- 2. PA to the Principal
- 3. Dean Academic Affairs
- 4. Controller of Examinations
- 5. DP (Academic)

S. Goyal
HOD/CHAIRMAN

S. Goyal
HOD/CHAIRMAN
Board of Studies

P. Singh
20/8/16

LL
20/8/16

Chaudhary
20/8/16

[Signature]

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20/8/16

Alkum
20/8/16

Shabana
20/08/2016

[Signature]
22/8/16

dc
for
msg

w.e.f. July 2018 (For Batch 2017-2021)

Bachelor of Technology (B.Tech) in Computer Science & Engineering: Scheme

3rd Semester

Sr. No.	Course No.	Course Category	Course Title	Teaching Schedule			Credits	Examination Marks			
				L	T	P		Internal	Theory	Practical	Total
1.	MA-04	Foundation	Optimization & Calculus of Variations	2	1	0	3	40	60	-	100
2.	CS-03-01	Core	Data Structures & Algorithms	3	0	0	3	40	60	-	100
3.	CS-04	Specialization	SAP-ABAP	0	0	4	4	40	60	-	100
4.	CS-05	Core	Object Oriented Programming	3	0	0	3	40	60	-	100
5.	CS-06	Core	Discrete Mathematics	3	1	0	4	40	60	-	100
6.	CS-07	Core	Data Base Management Systems	3	0	0	3	40	60	-	100
7.	CS-08	Core	Data Structures & Algorithms Lab	0	0	2	2	60	-	40	100
8.	CS-09	Core	Object Oriented Programming Lab	0	0	2	2	60	-	40	100
9.	CS-10	Core	Data Base Management Systems Lab	0	0	2	2	60	-	40	100
10.	CS-11	Specialization	Python Programming Lab	0	0	2	2	60	-	40	100
11.	HUM-03	General	Personality Development	0	0	2	2	100	-	-	100
Total				14	2	14	30	580	360	160	1100

One Course - 3 credit Swayam


 Deptt. of Computer Engg.
 N.M. Engineering College
 Mullana (Ambala)-133203 Haryana

**Maharishi Markandeshwar (Deemed To Be University), Mullana,
Ambala**

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

Accredited by NAAC with Grade 'A'

M.M. Engineering College, Mullana, Ambala

Department of Computer Science & Engineering

Date: 23/1/18

Minutes of meeting of Departmental Curriculum Review Committee

Meeting of DCRC with all the staff members was held in Room No. 125 on 23/1/18 at 12:30 PM

Minutes of meetings are:

- 1) Feedback of students (informal suggestions by class teacher/mentors), faculty (class teaching experience), Alumni and IT Companies related to curriculum updation/review were discussed.
- 2) At the end, it has been decided to **incorporate MOOC courses**.

CC:

- 1) PA to Principal, For Kind Information

S. Goy
(Coordinator, DCRC)
Deptt. of Computer Engg.
M.M. Engineering College
Mullana (Ambala)-133203 Haryana

M. M. Engineering College
Department of Computer Science & Engineering

Dated: 31/07/2017

MINUTES of the meeting of the board of studies in computer department held in the office of the head at 11:30 A.M. on 29th July, 2017. The following members were present:

- | | |
|---|-----------------|
| 1. Dr. Sandip Goyal, Professor & Head, CSE | In-Chair |
| 2. Dr. Sandeep Sharma, Professor, CSE, GNDU, Amritsar | External Expert |
| 3. Dr. Mohit Gambhir, Founder of PVerse India Pvt., Noida | External Expert |
| 4. Dr. Ashok Kumar, Professor, CSI | Member |
| 5. Dr. Sanjeev Kumar, Professor, CSE | Member |
| 6. Dr. Amit Bindal, Assoc. Professor, CSE | Member |
| 7. Mr. Neeraj Raheja, Assoc. Professor, CSE | Member |

The following decisions were taken:

- Minutes of meeting of Board of Studies held on 25th February, 2017 were confirmed.
2. Panels of paper setters / examiners of all the theory and practical papers of the following courses were recommended and as decided the panels of paper setters / examiners will be sent to the Controller of Examinations separately in a confidential cover:
A) B. Tech (Computer Sc. & Engineering) - 1st, 3rd, 5th & 7th semester for the examinations to be held during Nov / Dec 2017.
B) M. Tech. (Computer Sc. & Engineering) - 1st and 3rd semester for the examinations to be held during Nov / Dec 2017.
3. Considered & approved the scheme for B. Tech (Computer Sc. & Engineering) - 1st, 2nd, 3rd, 4th semester (for batch 2017-2021 onwards) (Post Facto approval).
4. Considered & approved the syllabi of subject "CS: 01 Computer Programming, CS: 02 Computer Programming Lab" of 1st semester and "CS: 03 Advance Computer Prog. / SAP Lab" of 2nd semester for B. Tech. (for batch 2017-2021 onwards) (Post Facto approval).
5. Considered & approved the scheme & syllabi for B. Tech (Computer Sc. & Engineering) - 3rd, 4th semester (for batch 2016-2020 only) (Post Facto approval).
6. Considered and approved the scheme & syllabi for B. Tech (Computer Sc. & Engineering) - 5th & 6th semester (for batch 2015-2019 only) (Post Facto approval).
7. Considered and approved the scheme & syllabi for B. Tech (Computer Sc. & Engineering) - 7th & 8th semester (for batch 2014-2018 only) (Post Facto approval).
8. The panel of examiners for the evaluation of M.Tech dissertation of students (who will submit their dissertation during September 2017 - September 2018) was approved from BoS and will be sent to the Controller of Examination separately in confidential cover.
9. Panel of examiners for the evaluation of Ph.D. thesis of Ms. Prachi Garg, Research Scholar (Regn No. 07-ECM-159) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
10. Panel of examiners for the evaluation of Ph.D. thesis of Mr. Suveg, Research Scholar (Regn No. 09-PhD-057) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
11. Panel of examiners for the evaluation of Ph.D. thesis of Ms. Kavita Khatkar, Research Scholar (Regn No. 12-PhD-013) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
12. Panel of examiners for the evaluation of Ph.D. thesis of Mr. Paramjeet Singh, Research Scholar (Regn No. 12-PhD-012) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.
13. Panel of examiners for the evaluation of Ph.D. thesis of Ms. Sonali Guglani, Research Scholar (Regn No. 12-PhD-010) was recommended and approved from the BoS and will be sent to the Controller of Examination separately in confidential cover.

Also resolved to authorize the HOD / Chairman Board of Studies of Computer department to recommend the names of paper setters / examiners for any paper of any course taken by Computer Sc. & Engineering department for the examination to be held during session 2017-18 not covered by the panels of paper setters / examiners recommended under item no. 2 or if the names recommended for any paper in the panels already recommended have been exhausted.

The meeting ended with a vote of thanks to all the members especially to the external expert.

- CC: 1. All Members of the Board of Studies
2. PA to the Principal
3. Dean Academic Affairs
4. Controller of Examinations
5. DR (Academic)

S. Goyal
31.7.17
HOD/CHAIRMAN
Board of Studies

Sandip Goyal
11/7/17

Amit Bindal
fambir

Neeraj Raheja
29/7/17

Ashok Kumar
29/7/17

w.e.f. June 2019

Bachelor of Technology (B.Tech) in Computer Science & Engineering: 3rd Semester Scheme

Sr. No.	Category	Course	Course Title	Teaching Schedule			Credits	Examination Marks			
				L	T	P		Internal	Theory	Practical	Total
1	Humanities and Social Sciences including Management Course	BHUM-004	Economics for Engineers	3	-	-	3	40	60	-	100
2	Basic Science Course	BMAT-003	Mathematics-III (Probability & Statistics)	3	1	-	4	40	60	-	100
3	Professional Core Course	BCSE-502	Computer Organization & Architecture	3	1	-	4	40	60	-	100
4	Professional Core Course	BCSE-503	Data Structure & Algorithms	3	-	-	3	40	60	-	100
6	Professional Core Course	BCSE-504	Operating System	3	-	-	3	40	60	-	100
5	Professional Core Course	BCSE-505	Data Structure & Algorithms Lab	-	-	2	1	60	-	40	100
7	Professional Core Course	BCSE-506	Operating System Lab	-	-	2	1	60	-	40	100
8	Professional Core Course	BCSE-507	Python Programming Lab	-	-	4	2	60	-	40	100
9	Mandatory Course (non-credit)		Essence of Indian Traditional Knowledge	2	-	-	0	40	60	-	100
TOTAL				17	2	8	21	420	360	120	900

Additional (Value added) courses offered for Honors Degree / Normal Degree

**1	Project	BCSE-508	Training Seminar-I	-	-	-	3 to 6	100	-	-	100
*2	MOOC /Swayam/ Online Courses	As per the list of courses to be provided in the beginning of semester		NA (Self study mode)			As per course offered	***40	***60	-	***100

*Student can earn additional credits (1-4) that can be used in place of subject of respective category in this semester or will be reflected in the respective semester but finally will be taken into consideration in 8th semester mark sheet for the calculation and award of B.Tech Honor degree only if additional credit earn is atleast 20.

**Student can earn additional credits (3-6) that can be used against internship of 8 credits for award of normal degree or will be reflected in the respective semester but finally will be taken into consideration in 8th semester mark sheet for the calculation and award of B.Tech Honor degree only if additional credit earn is atleast 20.

* This course should not be opted by the respective student during selection of electives in next semesters.

*** In-house assessment marks will be used in case assessment will not be done by external agency (MOOC / Swayam Portal).

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)

FEEDBACK ACTION TAKEN REPORT 2017-18

Following is the action taken report based on the basis of collective consideration of feedback received from various stake holders including students, teachers, alumni & professionals-

1. Extra classes for the slow learners were planned and scheduled to improve their results.
2. At Alumni's suggestions Advanced Learners were provided with the facility to issue more books from Library.
3. The meritorious students name are displayed on the notice board after each semester exam.
4. The Students Moot Court Society was formed up and various activities like Career-counseling, Intra & National Moot-Court Competition were organized under society.

Bindu
08/07/18

Head of Department

Head
Department of Law
Maharishi Markandeshwar
(Deemed to be University)
Mullana (Ambala)-133207

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)

FEEDBACK ACTION TAKEN REPORT 2019-2020

Following is the action taken report based on the basis of collective consideration of feedback received from various stake holders including students, teachers, alumni & professionals-

1. The staff is encouraged to attend Seminars, Conferences, Workshops, FDP's etc. for their academic growth and proper arrangements are made for it.
2. As per the analysis of the Students' feedback, Personality Development course in form of value addition was introduced in the 8th Semester & 10th Semester of B.A.LL.B. Course.
3. A new course LLM was introduced.
4. The advanced technology of teaching & learning like smart board & subscription of Manu Patra software for the search of case law was taken up.
5. Workshop on moot skills were conducted.
6. More books, journals & magazines were added in the library for the competitive examination purpose.

Painda
30/06/20

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