

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.



DEPARTMENT OF PHYSICS

Maharishi Markandeshwar (Deemed to be University)

Mullana - Ambala

(NAAC Accredited Grade 'A' University)

MMDU/PHY/2020/147

Dated: 06-07-2020

A meeting of the Board of Studies (BOS) was held on 06 July, 2020 at 12.00 PM online (Via Zoom Platform).

Following attended the meeting.

1. Dr. Vandana Sharma (Chairman BOS)
2. Dr. M.K. Sharma, Professor, TIET (Deemed to be University), Patiala. (External Expert)
3. Dr. J.K Sharma (Member)
4. Dr. Dixit Prasher (Member)
5. Dr. Renu Sharma (Member)

After extensive discussion following recommendations were made:

1. Approval of minutes of the previous BOS held on 19-10-2019.
2. Approval of Minor modifications in the Scheme of M.Sc Physics wef from July 2020 onwards. (Annexure A).
3. Approval of Minor changes in the syllabus of B.Tech (I & II semester) wef from July 2020 onwards. (Annexure B).
4. Approval of Changes in the syllabus of advanced electronics (PH-520B) wef from July 2020 onwards. (Annexure C).
5. Approval of Panel of evaluators/paper setter for (Annexure D):
 - B.Sc Physics (Hon's) Semesters III, IV, V, VI for Batch 2019 onwards.
 - B.Sc Physics (Hon's) semester V, VI for batch 2018-2021.
 - B.Sc (Non-Med) Semester III, IV, V, VI for Batch 2019 onwards.
 - B.Tech for Batch 2020 Onwards.
 - M.Sc Physics
 - Departmental elective papers for Ph.D course work.
6. Approval of Minor modifications in the Maximum marks of the departmental elective papers MP 05 (A)-Material Science, MP 05(B)-Radiation Physics, MP 05(C) Experimental techniques in physics, MP 05(D)- Nanotechnology and Modifications in the syllabus of paper MP 05(A) (Materials Science) for Ph.D course work wef from July 2020 onwards. (Annexure E).

(Dr. Vandana Sharma)
Chairman, BOS

CC.

1. PA to The Director for information please.
2. Dy Registrar Academics

Prof. & Head
Department of Physics
Maharishi Markandeshwar
(Deemed to be University)
Mullana Ambala 133217



DEPARTMENT OF PHYSICS

Maharishi Markandeshwar (Deemed to be University)

Mullana - Ambala

(NAAC Accredited Grade 'A' University)

MMDU/PHY/2021/190

Dated: 23-06-2021

A meeting of the Board of Studies (BOS) was held on 23 June, 2021 at 12.00 PM online (Via Zoom Platform).

Following attended the meeting.

1. Dr. Vandana Sharma (Chairman BOS) *V Sharma*
2. Dr. B.S Sandhu, Professor & Head, Department of Physics, Punjabi University, Patiala (External Expert) *B Sandhu* 23/06/2021
3. Dr. J.K Sharma (Member) *J.K Sharma*
4. Dr. Dixit Prasher (Member) *Dixit Prasher*
5. Dr. Rajeev Sehrawat (Member) *Rajeev Sehrawat*
6. Dr Milan Kumar Bera (Member) *Milan Kumar Bera*

After extensive discussion following recommendations were made:

1. Approval of minutes of the previous BOS held on 06-07-2020.
2. Approval of Revisions in the syllabus of Electrodynamics-PH 502 (M.Sc Physics II Semester) and Physics of Nano-Materials (M.Sc Physics IV Semester) wef from Batch 2021 onwards. **Annexure-A**
3. Approval of Panel of evaluators/paper setter for :
 - B.Sc Hon's Physics (I to VI Semester),
 - B.Sc Non-Medical (I to VI Semester),
 - M.Sc Physics (I to IV Semester),
 - Ph.D Physics Course work,
 - B.Tech (I and II Semester) ----- **Annexure B***5/7/2021*
4. Approval of title and of Ph.D. synopsis and supervisors of the Ph. D. Candidates as per the **Annexure 'C'** enclosed here with.

V Sharma
(Dr. Vandana Sharma)
Chairman, BOS
Prof. & Head
Department of Physics
Maharishi Markandeshwar
(Deemed to be University)
Mullana - Ambala - 133107

CC.

1. PA to The Director for information please.
2. Dy Registrar Academics.

3

5/7/2021

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
MULLANA- AMBALA, HARYANA (INDIA) - 133207

(Established under Section 3 of the UGC Act 1956)
(NAAC Accredited Grade 'A' University)

M. M. Engineering College, Mullana, Ambala

Department of Computer Science & Engineering

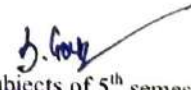
Date: 21/06/2021

MINUTES of the meeting of the board of studies in Computer Science & Engineering department held in the computer centre 175 at 11:30 A.M. on 17.06.2021. The following members attended this meeting:

- | | |
|--|--------------------------|
| 1. Dr. Sandip Goyal, Professor & Head, CSE | In-Chair |
| 2. Dr. Sukhdip Singh, Professor, CSE, DCRUS&T, Murthal | External Expert (Online) |
| 3. Dr. Rajneesh Kumar, Professor, CSE | Member |
| 4. Dr. Sanjeev Rana, Professor, CSE | Member |
| 5. Dr. Avinash Sharma, Professor, CSE | Member (Online) |
| 6. Dr. Neera Batra, Associate Professor, CSE | Member |
| 7. Dr. Suneet Kumar, Associate Professor, CSE | Member |
| 8. Dr. Rohit Vaid, Assistant Professor, CSE | Member |
| 9. Ms. Gunjan Sethi, Associate Professor, CSE | Special Invitee (Online) |

Agenda items were discussed one by one and following decisions were taken:

1. Minutes of meeting of Board of Studies held on 09 February, 2021 were confirmed.
2. Panels of paper setters / examiners of all the theory and practical papers for the examination to be held during Nov- Dec 2021 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) i) B. Tech (CSE) – 1st, 2nd, 3rd, 5th & 7th semester.
 - ii) B. Tech (CSE with specialization in Data Science) – 1st, 2nd, 3rd & 5th semester.
 - iii) B. Tech (CSE with specialization in Cloud Technology & Information Security) – 1st, 2nd, 3rd & 5th semester.
 - iv) B. Tech (CSE with specialization in Software Development) – 1st, 5th & 7th semester.
 - v) Open elective subjects floated by CSE department for the students of other departments of MMEC.
 - B) M. Tech (CSE) – 2nd semester.
3. For B. Tech (Computer Sc. & Engineering) (Batch 2018-2022 only), the house considered and approved:
 - A) Some major changes in the scheme of 7th semester. These changes involve:
 - i) Name of subject Neural Networks & Deep Learning is changed to Neural Networks in Elective-V.
 - ii) Wireless & Mobile Communication subject is replaced by new subject BECE-537: Mobile Communication & Networks in Open Elective-III.
 - iii) Internetworking Technologies-II subject is replaced by new subject Programming Languages in Elective-V.
 - iv) VLSI design subject is replaced by new subject BT-401: Bioinformatics in Open Elective-II.
 - v) Subjects Biomedical Electronics, Knowledge Management are dropped from list of Open Elective-IV.
 - vi) Subject Measurements & Instrumentation is moved from Open Elective-II to Open Elective-IV.
 - vii) Allocation / updation of subject codes for some inter-disciplinary subjects Rural Technology & Community Development, Embedded Systems, Internet of Things, Control Systems, Digital Signal Processing, Infrastructure System-Planning, Fiber Optic Communication, Measurements & Instrumentation (as in already approved scheme, subject code for these subjects were either missing or not properly mentioned).
 - viii) New subject BCIV-082: General Principles of Building Construction was added in the subject list of Open Elective-III.
 - ix) Subject code and subject name for project category subject under Additional (Value added) courses offered for Honors Degree / Normal Degree is updated from BCSE-508 to BCSE-VA-3 & Training Seminar-I to Training Seminar-III.
 - B) Syllabi for departmental subjects. This includes:
 - i) Syllabus approved for 1st time: Adhoc and Sensor Network
 - ii) New subject code with already approved syllabus: Statistical Modeling & Queuing Theory, Blockchain Technology, Genetic Algorithm, Neural Networks, Programming Languages.
 - C) Syllabi for some Inter-Disciplinary subjects. This includes:
 - i) New credits allocation (3 credits instead of 4 credits) with already approved syllabus: General Principles of Building Construction, Infrastructure System-Planning, Internet of Things, Embedded Systems.
4. For B. Tech (Computer Sc. & Engineering) (Batch 2019-2023 only), the house considered and approved:
 - A) Some minor changes in the scheme of 5th semester. These changes involve:
 - i) Addition of new practical subject Software Engineering Lab with 1 credit.
 - ii) Addition of new practical subject Design Patterns Lab (BCSE-570) with 2 credits.
 - iii) Software Engineering subject consists of 3 Lectures & 1 Tutorial with total credit value of 4. Since laboratory for this subject is introduced so there is no need of tutorial for this subject. So, Credits of this subject is changed from 4 to 3.
 - iv) Mooc course / Training course allocation related instructions are updated.
 - v) Total credits for entire semester changed from 22 to 24.
 - vi) Total marks for entire semester changed from 900 to 1100.
 - B) Syllabi for newly introduced departmental subjects & already existing practical subjects of 5th semester.
 - i) New subject code with newly approved syllabus: Software Engineering Lab, Design Patterns Lab


Head
Department of Computer
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M. M. Engineering College
Maharishi Markandeshwar
(Deemed To Be University)
Mullana, Ambala, Haryana-133207

- ii) Old subject code with modified syllabus: Design and Analysis of Algorithm Lab, Computer Network Lab, Elective-I Lab.
- iii) New credits allocation (3 credits instead of 4 credits) with already approved syllabus: Design and Analysis of Algorithm.
- iv) As remaining departmental subjects already existed in the scheme of previous batches. So, no need to approve syllabi for these subjects.
5. For **B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2019-2023 only)**, the house considered and approved:
- A) Some minor changes in the scheme of 5th semester. These changes involve:
- Logical Reasoning & Thinking subject is replaced by new subject Advanced Excel Lab.
 - Addition of new practical subject Design Patterns Lab (BCSE-570) with 2 credits.
 - Subject codes are assigned to subjects (as in already approved scheme these codes were not mentioned).
 - Mooc course / Training course allocation related instructions are updated.
 - Total credits for entire semester changed from 22 to 24.
 - Total marks for entire semester changed from 1000 to 1100.
- B) Syllabi for newly introduced departmental subjects & already existing practical subjects of 5th semester.
- Syllabus approved for 1st time: Machine Learning, R Programming, Sampling Methods, Optimization Techniques, Linear Algebra, Machine Learning Lab, R Programming Lab, Advanced Excel Lab, Design Patterns Lab.
 - As remaining departmental subjects already existed in the scheme of previous batches. So, no need to approve syllabi for these subjects.
6. For **B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2019-2023 only)**, the house considered and approved:
- A) Some minor changes in the scheme of 5th semester. These changes involve:
- Addition of new practical subject Design Patterns Lab (BCSE-570) with 2 credits.
 - Logical Reasoning & Thinking subject is replaced by new subject Advanced Excel Lab.
 - Principle of Virtualization subject (with 2L + 2P) is replaced by Virtualization & Scheduling (with 3L).
 - Cryptography & Network Security Lab subject is replaced by Virtualization & Scheduling Lab.
 - List of Elective-I subjects is updated and consists of subjects- Cloud Infrastructure Deployment, Cloud & Big Data, Managing Cloud instead of subjects Installation and Configuration of Servers, Secure Programming, Storage Management and Data Centre respectively.
 - List of Elective-I Lab subjects is updated and consists of subjects- Cloud Infrastructure Deployment Lab, Cloud & Big Data Lab, Managing Cloud Lab instead of subjects Installation and Configuration of Servers Lab, Secure Programming Lab, Storage Management and Data Centre Lab respectively.
 - Subject codes are assigned to subjects (as in already approved scheme these codes were not mentioned).
 - Mooc course / Training course allocation related instructions are updated.
 - Total credits for entire semester changed from 22 to 24.
 - Total marks for entire semester changed from 1000 to 1100.
- B) Syllabi for newly introduced departmental subjects & already existing practical subjects of 5th semester.
- Syllabus approved for 1st time: Virtualization & Scheduling, Cloud Infrastructure Deployment, Cloud & Big Data, Managing Cloud, Virtualization & Scheduling Lab, Cloud Infrastructure Deployment Lab, Cloud & Big Data Lab, Managing Cloud Lab, Advanced Excel Lab, Design Patterns Lab.
 - As remaining departmental subjects already existed in the scheme of previous batches. So, no need to approve syllabi for these subjects.
7. For **B. Tech (Computer Sc. & Engineering) (Batch 2020-2024 only)**, the house considered and approved:
- A) Major changes in the scheme of 3rd to 8th semester. These changes involve replacement of some subjects with industry oriented subjects having more emphasis on project based teaching and learning process.
- B) Syllabi for departmental subjects of 3rd semester.
8. For **B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2020-2024 only)**, the house considered and approved:
- A) Major changes in the scheme of 3rd to 8th semester. These changes involve replacement of some subjects with industry oriented subjects having more emphasis on project based teaching and learning process.
- B) Syllabi for departmental subjects of 3rd semester.
9. For **B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2020-2024 only)**, the house considered and approved:
- A) Major changes in the scheme of 3rd to 8th semester. These changes involve replacement of some subjects with industry oriented subjects with more emphasis on project based teaching and learning process.
- B) Syllabi for departmental subjects of 3rd semester.
10. For **B. Tech (Computer Sc. & Engineering) (Batch 2021-2025 onwards)**, the house considered and approved Syllabi for CSE departmental subjects of 1st & 2nd semester (Common for all engineering streams).
11. For **B. Tech (Computer Sc. & Engineering) (Batch 2021-2025 onwards)**, the house considered and approved new scheme of 3rd to 8th semester. This scheme involves industry oriented subjects having more emphasis on project based teaching and learning process.
12. For **B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2021-2025 onwards)**, the house considered and approved new scheme of 3rd to 8th semester. This scheme involves industry oriented subjects having more emphasis on project based teaching and learning process.

J. Goyal

Department of Computer
 Science & Engineering
 Faculty of Engineering
 (GGS Indraprastha University)
 Gurgaon, Haryana-122007

13. For B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2021-2025 onwards), the house considered and approved new scheme of 3rd to 8th semester. This scheme involves industry oriented subjects having more emphasis on project based teaching and learning process.
14. For M. Tech (Computer Sc. & Engineering) (Batch 2020-2022 onwards), the house considered and approved syllabi of departmental subjects for 3rd semester. Also minor changes in the scheme of 3rd semester (only 2 subject codes for Elective-VI are updated) was done.
15. Considered & approved the SWAYAM / MOOC courses which can be opted by students (Batch 2018-2022, Batch 2019-2023 and Batch 2020-2024) under the category of Swayam courses . Also list of approved courses can be expanded.
16. Stakeholders feedback on scheme/syllabi, Student Feedback report and research output of the department during session Jan - May 2021 was presented before the house. Based upon student's feedback, new practical subject Advanced Excel Lab has been added. Also healthy discussion was held related to "How to increase research output of department".
17. Additional Panel of Foreign examiners for the evaluation of PhD thesis of following research scholars were recommended and approved from BoS and will be sent to Controller of Examinations separately in confidential cover:
- Mamta Santosh (Regn. No. 14-PhD-014) on the topic, "An Effective Computing System For Human Emotion Recognition Using Facial Expressions".
 - Stuti Mehla (Regn. No. 14-PhD-016) on the topic, "Analytical Platform For Optimization in Big Data".
18. Panel of examiners for the evaluation of PhD thesis of following research scholars were recommended and approved from BoS and will be sent to Controller of Examinations separately in confidential cover:
- Pooja Rani (Regn. No. 18-PhD-040) on the topic, "Heart Disease Diagnosis Using-Machine Learning Approach".
 - Minakshi Sharma (Regn. No. 16-PhD-035) on the topic, "Quality of Service Enabled Efficient Load Balancing Approach for Cloud Computing Environment".
19. PhD synopsis of following research scholars was considered and approved by house (as per the mentioned minutes of RAC meetings):

Sr. No.	Name of the Research Scholar	Registration No.	Topic of Thesis	Supervisor	Date of Approval by RAC
1	Usha Devi	19-PhD-018	Towards Improving Credit Risk Prediction using Machine Learning Approach	Dr. Neera Batra Associate Professor, CSE Department	20.02.2021

20. Department has also approved the list of courses which can be floated as open elective course to students of other engineering branches during session July-Nov 2021. These subjects already existed in the CSE scheme. So, no need to approve syllabi for these subjects.
21. AICTE in 2019 identified about 8 courses such as Data Sciences, Machine Learning, Artificial Intelligence and Robotics etc. In the approval process handbook of AICTE in 2021, again they have indicated that it is essential for all the approved colleges to have these courses in syllabi. This initiative had already taken by CSE department and courses such as Data Sciences, Machine Learning, Artificial Intelligence, Block Chain, IoT and Robotics were already incorporated in the curriculum. Also, department is providing flexibility to students for choosing some of recommended interdisciplinary subjects from MOOC courses.
22. To enhance skill set of students, AICTE is continuously giving special attention for providing facility of internships to students and instructed that it is essential for all the approved colleges to have this facility in curriculum. This initiative had already taken by CSE department and internship opportunities have been provided to students during summer vacations. These provisions were already incorporated in the curriculum. Also, department is providing flexibility to students for choosing internship facility of complete semester during their final semester.
23. Also resolved to authorize the HOD / Chairman Board of Studies of Computer Science & Engineering department i) 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 2021-22 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. ii) To add new MOOC courses not covered in the list of approved courses under item no. 8. iii) To recommend the name of examiners for evaluation of PhD thesis of any scholar not covered by item no. 11.

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

Note: This meeting has been conducted using Google meet online platform. External expert and some internal members attended this meeting using this facility.

- CC:
- All Members of the Board of Studies.
 - PA to the Director.
 - Controller of Examination.
 - DR (Academic).


Head
Department of Computer
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M. J. Engineering College
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Badli, Ambala, Haryana-133207

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MULLANA- AMBALA, HARYANA (INDIA) - 133207

(Established under Section 3 of the UGC Act 1956)

(NAAC Accredited Grade 'A' University)

M. M. Engineering College, Mullana, Ambala

Department of Computer Science & Engineering

Date: **28/10/2021**

MINUTES of the meeting of the board of studies in Computer Science & Engineering department held in the office of Head at 11:30 A.M. on 28.10.2021. The following members attended this meeting:

1. Dr. Sandip Goyal, Professor & Head, CSE	In-Chair
2. Dr. Sukhdip Singh, Professor, CSE, DCRUS&T, Murthal	External Expert
3. Dr. Rajneesh Kumar, Professor, CSE	Member
4. Dr. Sanjeev Rana, Professor, CSE	Member
5. Dr. Avinash Sharma, Professor, CSE	Member
6. Dr. Neera Batra, Associate Professor, CSE	Member
7. Dr. Suneet Kumar, Associate Professor, CSE	Member
8. Dr. Rohit Vaid, Assistant Professor, CSE	Member
9. Mr. Vishal Gupta, Assistant Professor, CSE	Member

Agenda items were discussed one by one and following decisions were taken:

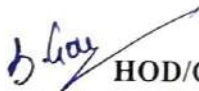
1. Minutes of meeting of Board of Studies held on 19 July, 2021 were confirmed.
2. Panels of paper setters / examiners of all the theory and practical papers for the examination to be held during Jan/Feb/May/June 2022 of the following courses were recommended and as decided the panels of paper setters / examiners will be sent to the Controller of Examinations separately in a confidential cover:
 - A) i) B. Tech (CSE) – 1st, 2nd, 4th, 6th & 8th semester.
 - ii) B. Tech (CSE with specialization in Data Science) – 1st, 2nd, 4th & 6th semester.
 - iii) B. Tech (CSE with specialization in Cloud Technology & Information Security) – 1st, 2nd, 4th & 6th semester.
 - iv) B. Tech (CSE with specialization in Software Development) – 6th & 8th semester.
 - v) Open elective subjects floated by CSE department for the students of other departments of MMEC.
 - B) M. Tech (CSE) – 1st, 2nd & 3rd semester.
 - C) Ph.D (CSE) – Course work examination.
3. For B. Tech (Computer Sc. & Engineering) (Batch 2018-2022 only), the house considered and approved Syllabi for departmental subjects of 8th semester. This includes:
 - i) Newly approved syllabus: Cyber Security, Speech & Natural Language Processing, Advanced Algorithms, Quantum Computing, Agile Software Development, Real Time Systems.
 - ii) New subject code with already approved syllabus: All remaining subjects.
4. For B. Tech (Computer Sc. & Engineering) (Batch 2019-2023 only), the house considered and approved:
 - A) Some minor changes in the scheme of 6th semester. These changes involve:
 - i) Compiler subject is replaced by subject Big Data & Analytics.
 - ii) Addition of new practical subject Big Data & Analytics Lab (BCSE-524) with 2 credits.
 - iii) In list of Elective-II, subjects Big Data & Analytic, Internetworking Technologies-I and Software Testing are replaced by Subjects Python & its framework, Java & its framework, JavaScript & its Framework.
 - iv) In list of Elective-II lab, subjects Big Data & Analytic Lab, Internetworking Technologies-I Lab and Software Testing Lab are replaced by Subjects Python & its framework Lab, Java & its framework Lab, JavaScript & its Framework Lab.
 - v) Mooc course / Training course allocation related instructions are updated.
 - vi) Total credits for entire semester changed from 19 to 21.
 - vii) Total marks for entire semester changed from 900 to 1000.
 - B) Syllabi for departmental subjects of 6th semester. This includes:
 - i) Newly approved syllabus: Python & its framework, Java & its framework, JavaScript & its framework, Python & its framework Lab, Java & its framework Lab, JavaScript & its framework Lab, Big Data & Analytics Lab.
 - ii) As remaining departmental subjects already existed in the scheme of previous batches. So, no need to approve syllabi for these subjects.

5. For B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2019-2023 only), the house considered and approved some minor changes in the scheme of 6th semester. Also, syllabi for departmental subjects of 6th semester was approved.
6. For B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2019-2023 only), the house considered and approved some minor changes in the scheme of 6th semester. Also, syllabi for departmental subjects of 6th semester was approved.
7. For B. Tech (Computer Sc. & Engineering) (Batch 2020-2024 only), the house considered and approved Syllabi for departmental subjects of 4th semester.
8. For B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2020-2024 only), the house considered and approved Syllabi for departmental subjects of 4th semester.
9. For B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2020-2024 only), the house considered and approved Syllabi for departmental subjects of 4th semester.
10. For B. Tech (Computer Sc. & Engineering) (Batch 2021-2025 onwards), the house considered and approved Syllabi for CSE departmental subjects of 3rd & 4th semester.
11. For B. Tech (Computer Sc. & Engineering with specialization in Data Science) (Batch 2021-2025 onwards), the house considered and approved Syllabi for CSE departmental subjects of 3rd & 4th semester.
12. For B. Tech (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2021-2025 onwards), the house considered and approved Syllabi for CSE departmental subjects of 3rd & 4th semester.
13. Panel of examiners for the evaluation of M.Tech Dissertation of students which will be submitted in the department during May – December 2020 was recommended and approved from BoS and will be sent to Controller of Examinations separately in confidential cover.
14. Additional Panel of Foreign examiners for the evaluation of PhD thesis of research scholar Vinod Saroha (Regn. No. 15-PhD-022) on the topic, “Towards Enhancement of Energy Efficient Multilayer Job Scheduling approach over a Cloud Network” was recommended and approved from BoS and will be sent to Controller of Examinations separately in confidential cover.

15. Panel of examiners for the evaluation of PhD thesis of following research scholars were recommended and approved from BoS and will be sent to Controller of Examinations separately in confidential cover:
- Puneet Banga (Regn. No. 15-PhD-014) on the topic, "Improving Performance of Task Scheduling Techniques in Cloud Environment".
 - Mani Goyal (Regn. No. 16-PhD-031) on the topic, "High Performance Mobile Cloud Framework through optimal subdivision of mobile services by Active Monitoring".
 - Poonam Rani (Regn. No. 16-PhD-034) on the topic, "Data Aggregation with Energy Efficiency and Scalable routing in Wireless Sensor Network".
 - Shally Nagpal (Regn. No. 07-ECM-684) on the topic, "A Robust and Secured Encryption Scheme for Big Data Security Based on Hadoop Distributed File System".
 - Anju Rani (Regn. No. 15-PhD-018) on the topic, "Power Management Schemes in Wireless Sensor Networks".
 - Kunal Goel (Regn. No. 12-ECM-1373) on the topic, "An Integral Approach of Self Sustaining & Data Aggregation in Real Time for Precision Agriculture in Wireless Sensor Networks (WSN's)".
 - Charu Sharma (Regn. No. 15-PhD-015) on the topic, "A Trust based Secure Framework for Energy Aware Wireless Sensor Networks".
 - Sumit Kumar Rana (Regn. No. 09-ECM-1846) on the topic, "Decentralized Access Control Mechanism for Digital Asset Management to Transform Business Models".
16. Department has also approved the list of courses which can be floated as open elective course to students of other engineering branches during session Jan-May 2022. These subjects already existed in the CSE scheme. So, no need to approve syllabi for these subjects.
17. Also resolved to authorize the HOD / Chairman Board of Studies of Computer Science & Engineering 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 2021-22 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. ii) To recommend the name of examiners for evaluation of PhD thesis of any scholar not covered by item no. 15 & 16.

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

- CC:
- All Members of the Board of Studies.
 - PA to the Director.
 - Controller of Examination.
 - DR (Academic).


HOD/CHAIRMAN
Head
Department of Computer
Science & Engineering
M.M. Engineering College
Maharishi Markandeya
(Deemed To Be University)
Mullana, Ambala, Haryana-133207

Minutes of Meeting,
BOS - 2/9/2020

INSTITUTE OF PHYSIOTHERAPY AND REHABILITATION
ARKANDESHWAR (DEEMED TO BE UNIVERSITY)
(Accredited by NMAC with Grade 'A')
MULLANA-AMBALA HARYANA (INDIA)



Ref. No.: MMIPR/2020/6029

Date: 02.09.2020

BOARD OF STUDIES - MINUTES OF MEETING

The meeting of Board of Studies in Physiotherapy was held on 28 August 2020 at 10.30 AM. The internal members attended the meeting physically whereas the External Expert was participated virtually through Google Meet.

- | | |
|---|-----------------|
| 1. Dr. Manu Goyal, Associate Professor, MMIPR (Principal) | Chairman of BOS |
| 2. Dr. Aksh Chahal, Professor, MMIPR | Internal Member |
| 3. Dr. Nidhi Sharma, Associate Professor, MMIPR | Internal Member |
| 4. Dr. Asir John Samuel, Associate Professor, MMIPR | Internal Member |
| 5. Dr. Vandana Esht, Associate Professor, MMIPR | Internal Member |

EXTERNAL EXPERT:

1. Dr. R. Arunmozhi, Associate Professor, Deptt. Of Physiotherapy, SBSPGI University, Deliraden (Virtually present through Google Meet)

AGENDA - 1: Introduction to Semester system in BPT program (Ordinance, Syllabus and Scheme of Examination).

The board unanimously approved the proposed Semester system in BPT program from the academic session 2020-21 including the ordinance, Syllabus and scheme of examination.

AGENDA - 2: Introduction to CBCS in BPT w.e.f. academic session 2020-21

The board approved the CBCS in BPT program w.e.f. academic session 2020-21

AGENDA - 3: Major/Minor Revision in MPT syllabus

The board unanimously approved the proposed modification (Minor revisions in Biomechanics, Physiotherapy management in Sports Injuries and Physiotherapy management in


PRINCIPAL
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Maharishi Markandeshwar Deemed to be University
Mullana-Ambala-133203



in Cardio Pulmonary disorders, and the major revision in Musculoskeletal Physiotherapy) in MPT Syllabus.

AGENDA 4: Distribution of marking scheme in the subject – General Medicine, Eye and ENT (Paper code- B- 301) of BPT 3rd year

The board approved the distribution of marking scheme in the subject – General Medicine, Eye & ENT (Paper code- B- 301) of BPT 3rd year, is mentioned below

Subject / Paper	Code	Theory Examination		Practical Examination		Duration Of Univ. Exam	Total Marks
		Int.	Uni.	Int.	Uni.		
BPT III Year							
Gen. Medicine,	B301	10	60	-	-	3 Hrs.	100
ENT		05	20				
EYE		05	20				

AGENDA – 5: Syllabus for Value Added Subject.

The board approved the Value Added Subject entitled “Skill Development in Foot Orthosis” and its evaluation process.

AGENDA – 6: Major/Minor Revision in PhD syllabus.

The board approved the revised and reformed of PhD syllabus with respect to specialty area of physiotherapy

- MP-05(A) Innovative Practice In Physiotherapy (Musculoskeletal)
- MP-05(B) Innovative Practice In Physiotherapy (Neurology)
- MP-05(C) Innovative Practice In Physiotherapy (Sports)
- MP-05(D) Innovative Practice In Physiotherapy (Pediatric)
- MP-05(E) Innovative Practice In Physiotherapy (Cardiopulmonary)

AGENDA -7:

Paper setter and practical examiner panel approval for BPT, MPT and Ph.D course work

The board unanimously approved the proposed paper setter and practical examiner panel approval for BPT, MPT and PhD course work for academic session 2020-21

MM Inst of Shri Yogeshwar (Deemed to be University)
 Mullana-Ambala, Haryana (India)



AGENDA – 8: Approval of MPT Dissertation Panel

The board unanimously approved the proposed MPT Dissertation Panel for academic session 2020-21

AGENDA – 9: Approval of RAC minutes of meeting

The board approved meeting minutes of RAC meeting held in the institute on following dates

- 11th October 2019
- 24th February 2020
- 14th May 2020
- 26th August 2020


AGENDA – 10: Any other items

1. Approval of modified existing examination scheme of BPT 3rd year.

The board approved the modified existing examination scheme of BPT 3rd year

2. Approval of Revised Internship schedule

The board approved the revised Internship schedule


Dr. Manu Goyal

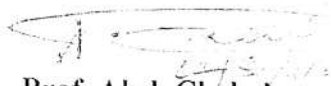
Chairman BOS

(Physically Present)

Dr. Arunmozhi

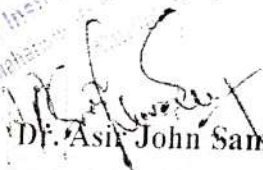
External Member

(Virtually Present)


Prof. Aksh Chahal


Internal Member

(Physically Present)


Dr. Asit John Samuel

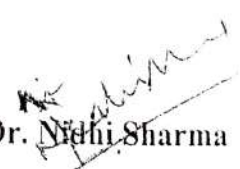
Internal Member

(Physically Present)


Dr. Vandana Esht

Internal Member

(Physically Present)


Dr. Nidhi Sharma

Internal Member

(Physically Present)

M.M. ENGINEERING COLLEGE, MULLANA (AMBALA)

(Confidential)

CIVIL ENGINEERING DEPARTMENT MINUTES OF THE MEETING OF 25th BOARD OF STUDIES (30.06.2020)

25th Board of Studies meeting in Civil Engineering of M.M. University was held on 30.06.2020 (Tuesday) at 02:00pm through Google Meet.

The following were present:

1. Dr. Praveen Aggarwal, Professor, CED, NIT, Kurukshetra -----External member
2. Dr. Vanita Aggarwal, Professor and Head, CED, MMEC, Mullana -----In Chair
3. Dr. B.S. Walia, Professor, CED, MMEC, Mullana
4. Dr. Mukesh Saini, Associate Professor, CED, MMEC, Mullana
5. Er. Gourav Singh Sandhu, Assistant Professor, CED, MMEC, Mullana

Minutes of the meeting are as follows:

The minutes of the previous BOS meeting held on 03.12.2019 were approved as no further comments were received for the same.

1. The Syllabus of B. Tech Civil Engineering for 5th and 6th semester for students of Batch 2018-2022 onwards was considered and approved. (Annexure-I)
2. The Syllabus of Open Elective subjects offered by Civil Engineering Department for students of Batch 2018-2022 onwards were considered and approved. (Annexure-II)
3. The list/panel of Theory Paper Setters for B. Tech Civil Engineering 3th, 5th and 7th Semester for the examination to be held in November/December, 2020 was considered and approved. (Annexure-III)
4. The list/panel of Theory Paper Setters for Open Elective Subjects offered by Civil Engineering for the examination to be held in November/December, 2020 was considered and approved. (Annexure-IV)
5. The Scheme of M. Tech. (Civil Engineering) for students of Batch 2020-2021 onwards was considered and approved. (Annexure-V)
6. The Syllabus of M. Tech. (Civil Engineering) for students of Batch 2020-2021 onwards was considered and approved. (Annexure-VI)
7. The list/panel of Theory Paper Setters for M. Tech Civil Engineering (Specialization: Structure Engineering, Environmental Engineering, Transportation Engineering and Construction Management), 1st and 3rd Semester for the examination to be held in November/December, 2020 was considered and approved. (Annexure-VII)
8. The list/panel of Paper Setters for Environmental Studies/Environmental Education/Environmental Science (ES-101) for exam to be held in November/December, 2020 was considered and approved. (Annexure-VIII)
9. The list/panel of Paper Setters for Disaster Management (CE-02-412) for exam to be held in November/December, 2020 was approved. (Annexure-IX)
10. The Six Monthly Progress Report of Ph.D. (Civil Engineering) Candidates namely, Mr. Jotesh Gupta (Regn. No.: 17-Ph.D-026) was considered and approved. (Annexure-X)



 30/6/2020





M.M. ENGINEERING COLLEGE, MULLANA (AMBALA)

CIVIL ENGINEERING DEPARTMENT MINUTES OF THE MEETING OF 25th BOARD OF STUDIES (30.06.2020)

11. The Six Monthly Progress Report of Ph.D. (Civil Engineering) Candidates namely, Mr. Rajesh Kumar (Regn. No.: 18-Ph.D-022), Mr. Shubham Gupta (Regn. No.: 18-Ph.D-023), Ms. Akansha (Regn. No.: 18-Ph.D-024) and Ms. Nitu (Regn. No.: 18-Ph.D-025) was considered and approved. (Annexure-XI)
12. The list of Civil Engineering subjects on SWAYAM portal for the session November/December, 2020 was considered and approved. (Annexure-XII)
13. The codes of Value Added Subject for the Session 2019-2020 (Post Facto) was considered and approved. (Annexure-XIII)
14. The meeting ended with vote of thanks to the Chair.

Approval received in virtual meeting

Dr. Praveen Aggarwal
(External Expert)



Dr. B.S. Walia
(Member)



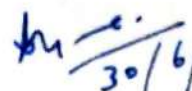
Er. Gourav Singh Sandhu
(Member)

Approval received via mail (copy attached)

Dr. Prem Pal Bansal
(External Expert)



Dr. Mukesh Saini
(Member)


30/6/2020
Dr. Vanita Aggarwal
Chairman, Board of Studies
Department of Civil Engineering
M.M. Engineering College, Mullana (Ambala)

M.M. ENGINEERING COLLEGE, MULLANA (AMBALA)

**CIVIL ENGINEERING DEPARTMENT
MINUTES OF THE MEETING OF 26th BOARD OF STUDIES (19.01.2021)**

26th Board of Studies meeting in Civil Engineering of Maharishi Markandeshwar (Deemed to be University), Mullana (Ambala) was held on 19.01.2021 (Tuesday) at 11:00am in online mode through Google Meet platform.

The following were present:

1. Dr. Vanita Aggarwal, Professor and Head, CED, MMEC, Mullana -----In Chair
2. Dr. Umesh Sharma, Professor, CED, PEC, Chandigarh -----External member
3. Dr. Rajesh Goyal, Professor, CED, NICMAR, Bahadurgarh ----- External member
4. Dr. B.S. Walia, Professor, CED, MMEC, Mullana ----- Member
5. Dr. Mukesh Saini, Associate Professor, CED, MMEC, Mullana----- Member
6. Dr. Chadetrik Rout, Associate Professor, CED, MMEC, Mullana----- Member
7. Er. Sunil Chauhan, Assistant Professor, CED, MMEC, Mullana-----Member
8. Er. Aneesh Goyal, Assistant Professor, CED, MMEC, Mullana----- Member

Minutes of the meeting are as follows:

The minutes of the previous BOS meeting held on 30.06.2020 were approved as no further comments were received for the same.

1. Minor changes in scheme of 2018-2022 batch (with List of Humanities Elective I & II and List of Open Elective I to IV) and shifting of Survey Camp (BCIV-018) from 5th Semester to 7th Semester in view of lockdown due to pandemic Covid-19 was considered and approved. (Annexure-I)
2. The list/panel of Theory Paper Setters for B. Tech Civil Engineering 4th, 6th and 8th Semester for the examination to be held in April/May, 2021 was approved. (Annexure-II)
3. The list/panel of Theory Paper Setters for Open Elective Subjects offered by Civil Engineering for B. Tech. 2018-22 batch onwards for the examination to be held in April/May, 2021 was approved. (Annexure-III)
4. The list/panel of Theory Paper Setters for M. Tech Civil Engineering (Specialization: Structure Engineering and Transportation Engineering), 1st Semester for the examination to be held in February/March, 2021 was approved. (Annexure-IV)
5. The list/panel of Theory Paper Setters for M. Tech Civil Engineering (Specialization: Structure Engineering and Transportation Engineering), 2nd Semester for the examination to be held in May/June, 2021 was approved. (Annexure-V)
6. The list/panel of Theory Paper Setters for Ph.D. Course Work Department Elective subject for the examination to be held in for session 2020-21 was approved. (Annexure-VI)

Dr. Vanita Aggarwal

M. Sharma

S. P. Walia
19/01/2021

Dr. Mukesh Saini

Chadetrik Rout
19/01/21

Er. Sunil Chauhan
19/01/2021

Er. Aneesh Goyal

M.M. ENGINEERING COLLEGE, MULLANA (AMBALA)

CIVIL ENGINEERING DEPARTMENT MINUTES OF THE MEETING OF 26th BOARD OF STUDIES (19.01.2021)

7. The list/panel of Paper Setters for Environmental Study/Environmental Education/Environmental Science (ES-101) for exam to be held in Feb./March and May/June, 2021 was approved. (Annexure-VII)
8. The list/panel of Paper Setters for Disaster Management (CE-02-412) for BCA 4th Semester examination to be held in April/May, 2021 was approved. (Annexure-VIII)
9. Six Monthly Progress Report of Ph.D. (Civil Engineering) Candidate namely, Mr. Jotesh Gupta (Regn. No.: 17-Ph.D-026) was considered and approved. (Annexure-IX)
10. Six Monthly Progress Report of Ph.D. (Civil Engineering) Candidates namely, Mr. Rajesh Kumar (Regn. No.: 18-Ph.D-022), Mr. Shubham Gupta (Regn. No.: 18-Ph.D-023), Ms. Akansha (Regn. No.: 18-Ph.D-024) and Ms. Nitu (Regn. No.: 18-Ph.D-025) was considered and approved. (Annexure-X)
11. The Topic, Synopsis and Supervisor of Ph.D. (Civil Engineering) Candidate namely, Mr. Brijendra Pratap (Regn. No.: 19-Ph.D-09), Mr. Rishi (Regn. No.: 19-Ph.D-010), Mr. Neeraj Kumar (Regn. No.: 19-Ph.D-011), Mr. Amit Kumar (Regn. No.: 19-Ph.D-12), Ms. Neetu Rani (Regn. No.: 19-Ph.D-013) and Mr. Vikas Kumar (Regn. No.: 19-Ph.D-14) was considered and approved. (Annexure-XI)
12. The Topic, Supervisor and list of external examiners for M. Tech. (Civil Engineering) with Specialization in Environmental Engineering) candidate namely Mohammad Ubaaid (Roll No.: 11197701) was considered and approved. (Annexure-XII)
13. The Topic, Supervisor and list of external examiners for M. Tech. (Civil Engineering) with Specialization in Structural Engineering) candidates namely Bibhuti Aryal (Roll No.: 11197761) and Waseem Raja Bhat (Roll No.: 11197762) were considered and approved. (Annexure-XIII)
14. The Topic, Supervisor and list of external examiners for M. Tech. (Civil Engineering) with Specialization in Transportation Engineering) candidates namely Quenum Massogle Lionel (Roll No.: 11197721) and Shir Shah Talash (Roll No.: 11197722) were approved. (Annexure-XIV)
15. The list of Civil Engineering subjects on SWAYAM portal for the session April/May, 2021 was considered and approved. (Annexure-XV)
16. The codes of Value Added Subject for the Session 2020-2021 was considered and approved. (Annexure-XVI)
17. List of Ph.D. (Civil Engineering) candidates admitted in 2020-2021 was appraised to the members. (Annexure-XVII)

(Confidential)

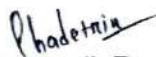
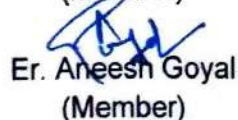
M.M. ENGINEERING COLLEGE, MULLANA (AMBALA)

CIVIL ENGINEERING DEPARTMENT MINUTES OF THE MEETING OF 26th BOARD OF STUDIES (19.01.2021)

18. The Syllabi of additional Department Elective subjects for Ph.D (Civil Engineering) course work for the session 2021-2022 onwards were considered and approved. (Annexure-XVIII)
19. The syllabus for Essence of Indian Traditional Knowledge was apprised in the meeting. (Annexure-XIX)
20. The Revised Syllabus of Hydrology & Water Resource Engineering/Irrigation Engineering (BCIV-021) B. Tech. (Civil Engineering) for 2018-22 Batch onwards was considered and approved. (Annexure-XX)
21. Syllabi of Three additional Open Electives offered by Civil Engineering Department to all the branches of B. Tech. batch 2018-22 onwards, namely BCIV-084: Rural Technology and Community Development, BCIV-085: Infrastructure System Planning and BCIV-086: Engineering Risk - Benefit Analysis were considered and approved. (Annexure-XXI)
22. Minor changes in B. Tech. scheme of 2019-2023 batch onwards (with List of Humanities Elective I & II and List of Open Elective I to IV) were considered and approved. (Annexure-XXII)
23. The Revised Syllabus of Computational Lab (MCIV-803) for M. Tech. (Civil Engineering) for 2020-22 Batch onwards was considered and approved. (Annexure-XXIII)
24. The meeting ended with vote of thanks to the Chair.

Approval received in virtual meeting

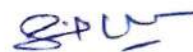

Dr. Umesh Sharma
(External Expert)

Dr. B.S. Walia
(Member)

Dr. Chadetrik Rout
(Member)


Er. Aneesh Goyal
(Member)

Approval received in virtual meeting

Dr. Rajesh Goyal
(External Expert)

Dr. Mukesh Saini
(Member)

Er. Sunil Chauhan
(Member)


Dr. Vanita Aggarwal
Chairman, Board of Studies
Department of Civil Engineering, MMEC, Mullana

Maharishi Markandeshwar (Deemed to be University)

Mullana (Ambala) 133 207 Haryana

Department of Civil Engineering

MINUTES OF THE MEETING OF 27th BOARD OF STUDIES (Dated: 22.06.2021)

27th Board of Studies meeting in Civil Engineering of Maharishi Markandeshwar (Deemed to be University), Mullana (Ambala) was held on 22.06.2021 (Tuesday) at 02:00pm in online mode through Zoom Meeting platform.

The following were present:

1. Dr. Vanita Aggarwal, Professor and Head, CED, MMEC, Mullana -----In Chair
2. Dr. Umesh Sharma, Professor and Head, CED, PEC, Chandigarh -----External member
3. Dr. Rajesh Goyal, Dean and Professor, NICMAR, Bahadurgarh -----External member
4. Dr. B.S. Walia, Professor, CED, MMEC, Mullana -----Member
5. Dr. Mukesh Saini, Associate Professor, CED, MMEC, Mullana----- Member
6. Dr. Chadetrik Rout, Associate Professor, CED, MMEC, Mullana----- Member
7. Er. Sunil Chauhan, Assistant Professor, CED, MMEC, Mullana-----Member
8. Er. Aneesh Goyal, Assistant Professor, CED, MMEC, Mullana-----Member

Minutes of the meeting are as follows:

The minutes of the previous BOS meeting held on 30.06.2020 were approved as no further comments were received for the same.

1. The list/panel of Theory Paper Setters for B. Tech Civil Engineering 3rd, 5th and 7th Semester for the examination to be held in November/December, 2021 was approved. Annexure-I
2. The list/panel of Theory Paper Setters for B. Tech Civil Engineering 4th, 6th and 8th Semester for the examination to be held in May/June, 2022 was approved. Annexure-II
3. The list/panel of Theory Paper Setters for Open Elective Subjects for B. Tech offered by Civil Engineering for the examination to be held in November/December, 2021 and May/June, 2022 was approved. Annexure-III
4. The list/panel of Theory Paper Setters for M. Tech Civil Engineering (Specialization: Structure Engineering, Environmental Engineering and Transportation Engineering), 1st Semester and 3rd Semester for the examination to be held in November/December, 2021 was approved. Annexure-IV
5. The list/panel of Theory Paper Setters for M. Tech Civil Engineering (Specialization: Structure Engineering, Environmental Engineering and Transportation Engineering), 2nd Semester for the examination to be held in May/June, 2022 was approved. Annexure-V
6. The list/panel of Theory Paper Setters for Ph.D. Course Work Department Elective subject for the examination to be held in the session 2021-2022 was approved. Annexure-VI
7. The list/panel of Paper Setters for Environmental Study/Environmental Education/Environmental Science (ES-101) for exam to be held in November/December, 2021 and May/June, 2022 was approved. Annexure-VII
8. The list of Civil Engineering subjects on SWAYAM portal for exam to be held in November/December, 2021 was considered and approved. Annexure-VIII

22/6/21

M/An Aggarwal Dean CED

Chad

Maharishi Markandeshwar (Deemed to be University)

Mullana (Ambala) 133 207 Haryana

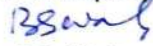
Department of Civil Engineering

MINUTES OF THE MEETING OF 27th BOARD OF STUDIES (Dated: 22.06.2021)


9. The Syllabus of B. Tech Civil Engineering for 7th and 8th semester for students of Batch 2018-2022 onwards was considered and approved. Annexure-IX
10. The Syllabus of B. Tech Civil Engineering for Humanities Elective-I and Elective-II subjects namely Entrepreneurship Development and Management (BHUM-121), Marketing Management (BHUM-120) and Principles of Management (BHUM-005) for students of Batch 2018-2022 onwards was considered and approved. Annexure-X
11. The Syllabus of B. Tech 6th Semester Civil Engineering for Subject BCIV-021: Hydrology & Water Resource Engineering/Irrigation Engineering for students of Batch 2019-2023 onwards was considered and approved. Annexure-XI
12. The revised syllabus of M. Tech. (Civil Engineering) with changes in examination pattern as per Standard Operating Procedures for Examination Scheme for 2021-2023 batch onwards was considered and approved. Annexure-XII
13. The syllabus for two open elective subjects namely, Cost Management of Engineering Projects (MCIV-OE-001) and Waste to Energy (MCIV-OE-002) for M. Tech. 3rd semester offered by Civil Engineering was considered and approved. Annexure-XIII
14. The list/panel of Theory Paper Setters for open elective subjects for M. Tech. 3rd semester offered by Civil Engineering for the examination to be held in November/December, 2021 was approved. Annexure-XIV
15. The scheme for B. tech. (Civil Engineering) was revised and approved for batch 2021-2025 onwards on the basis of feedback received from Alumni, Students, faculty and industry. Annexure-XV
16. The meeting ended with vote of thanks to the Chair.

Approval received in virtual meeting

Dr. Umesh Sharma
(External Expert)



Dr. B.S. Walia
(Member)

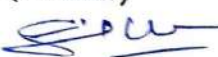

Dr. Chadetrik Rout
(Member)



Er. Aneesh Goyal
(Member)

Approval received in virtual meeting

Dr. Rajesh Goyal
(External Expert)


Dr. Mukesh Saini
(Member)


Er. Sunil Chauhan
(Member)


Dr. Vanita Aggarwal
Chairman, Board of Studies, Department of Civil Engineering, MMEC, Mullana



MAHARISHI MARKANDESHWAR (Deemed to be University)
Mullana- Ambala, 133207
(Established under Section 3 of the UGC Act. 1956)
(NAAC Accredited Grade 'A' University)
Department of Mathematics & Humanities

MMEC/MA/21/BOS/

28th June, 2021

A meeting of the **Board of Studies** of the Department of Mathematics was held on 28th June, 2021 at 10.30 A.M. in the office of the Head of the Department. The following members attended the meeting.

1. Dr. Deepak Gupta, Head & Professor	Chairman
2. Dr. Satya Bir Singh, Professor (Punjab University Patiala)	Member
3. Dr. Satish Kumar, (Professor)	Member
4. Dr. Vishal Gupta (Professor)	Member
5. Dr. Gurdas Ram (Assistant Professor)	Member
6. Dr. Adesh Kumar Tripathi (Assistant Professor)	Inviting Member

Dr. V.K. Katiyar, Ex. Professor, Department of Mathematics, IIT, Roorkee-246776, Uttarakhand (external member) and Dr. Nidhi Sharma (Associate Professor), M.M. (DU), Mullana, Ambala were granted leave of absence.

The following items were discussed:

Item No. 1:

(a) **Confirmation of the minutes of the previous meeting of Board of Studies:** The minutes of the previous meeting of Board of Studies held on 09th July 2020 were confirmed (Annexure -1(a))

(b) **Approval of the minutes of the previous DRC/RAC meetings:** The minutes of the DRC/RAC meetings held on 21-07-2020, 28-08-2020, 05-10-2020, 25-11-2020, 14-12-2020, 23-12-2020, 22-12-2020, 30-12-2020, 31-12-2020, 20-01-2021, 06-02-2021, 04-03-2021, 05-03-2021, 06.03.2020, 21-06-2021. were discussed and recommendations were approved (Annexure – 1(b))

Item No. 2: Consider and approve revision in the scheme of M.Sc. Mathematics of 1st to 4th semester w.e.f. the session 2021-22 (for batch 2021-23 onwards): (Annexure-2).

Item No. 3: Consider and approve minor revision in the syllabi of M.Sc. Mathematics of 1st, 3rd and 4th semester w.e.f. the session 2021-22: The syllabi of M.Sc. Mathematics of 1st (MAT-108), 3rd (MAT-303) & 4th Semester (MAT-402, MAT-403) were discussed and recommended for approval w.e.f. the session 2021-22 (Annexure-3).

Item No. 4: Consider and approve scheme and syllabi of B.Sc. Honour's Mathematics CBCS for 5th & 6th semester w.e.f. the session 2021-22: The Scheme and syllabi (CBCS) of Mathematics of B.Sc. (Mathematics Honours) 5th Sem [BMAT-551, BMAT-552, BMAT-553, BMAT-554, BMAT-555, BMAT-556] and 6th Semester [BMAT-561, BMAT-562, BMAT-563, BMAT-564, BMAT-565] were discussed and recommended for approval w.e.f. the session 2021-22 (Annexure-4).

Item No. 5: Modification in the Scheme of Ph.D. (Mathematics) course work. (Annexure-5)

Item No. 6: Consider and approve the modification in the syllabi of MP-05(A) MP-05(B), MP-05(E) Ph.D. Course work in mathematics w.e.f. the session 2021-22. (Annexure-6)

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Item No. 7: Consider and approve the syllabi of MP-05(F), MP-05(G) and MP-05(H) Ph.D. Course work w.e.f. the session 2021-22 (Annexure-7)

Item No. 8: **Panels of Paper-setters/ Examiners:** The Panel of Paper Setters/examiners for M.Sc. (1st to 4th semesters), B.Tech. (1st to 3rd semesters), B.Tech. Bio-Tech. (1st to 2nd semesters), B.Sc. (1st to 6th semesters), B.Sc. Mathematics Honours (1st to 6th Semester) for the batch 2019-22, & Ph.D. Course work examinations of the university for the session 2021-2022 were prepared and approved (Annexure-8).


Item No. 9: **Panel of Examiners for Ph.D Thesis:** The panel of examiners of Ms. Renu Gupta (16-Ph.D-016), Ms. Richa Goel (17-Ph.D.-024), Mr. Sourav Singla (12-ECM-1651), Mr. Sukhvir Singh (12-ECM-1653), Ms. Poojadeep Sehgal (10-ECM-1288), Ms. Rajni Saini (16-Ph.D-015), Ms. Ratika (17-Ph.D.023), Mr. Sunit Kumar (18-Ph.D.-017), Ms. Rakhi Gupta (18-Ph.D.-021), Ms. Namarata Rani (18-Ph.D.-020), Ms. Vandana Goyal (18-Ph.D.-018) were discussed and approved (as per Annexure-9)

The members of the Board of Studies authorized the Chairman to appoint any Paper Setter/Examiner for any Subject/Thesis/Dissertation not covered in the present list or if this list gets exhausted.

The meeting ended with a vote of thanks.



Dr. Gurdas Ram


Dr. Adesh Kumar Tripathi


Dr. Vishal Gupta


Dr. Satish Kumar


Dr. Satya Bir Singh


Dr. Deepak Gupta
Chairman
Board of Studies in Mathematics

Copy to:

1. PA to Principal - for kind information of the Hon'ble Principle
2. Dean (Academic Affairs)
3. Deputy Registrar (Academic)
4. Controller of Examinations
5. Office file