

MAHARSHI DAYANAND UNIVERSITY, ROHTAK
(Established under Haryana Act No. XXV of 1975)
'A+' Grade University accredited by NAAC

No. ACS-II/F-83/2022/20426-451
Dated: ...07...10/2022

To

1. Dr. Yudhvir Singh, Professor, Director & Dean Faculty of Chairman Engineering & Technology, UIET, M.D.University, Rohtak.
2. Dr. Rahul Rishi, Professor, Computer Science and Engineering, UIET, M.D.University, Rohtak
3. Dr. Vineet Kumar, Professor, Mechanical Engineering, UIET, M.D.University, Rohtak
4. Dr. Sonia, Professor, Biotechnology UIET, M.D.University, Rohtak
5. Dr. Manvender Singh, Professor, Biotechnology UIET, M.D.University, Rohtak
6. Dr. Ashwani Kumar Dhingra, Professor, Mechanical Engineering, UIET, M.D.University, Rohtak
7. Dr. Prabhakar Kaushik, Professor, Mechanical Engineering, UIET, M.D.University, Rohtak
8. Dr. Chhavi Rana, Associate Professor, Computer Science and Engineering, UIET, M.D.University, Rohtak.
9. Dr. Vikas Sindhu, Associate Professor, ECE, UIET, M.D.University, Rohtak
10. Dr. Veer Bhan, Associate Professor, Biotechnology, UIET, M.D.University, Rohtak
11. Dr. Rajesh Kumar, Associate Professor, Applied Science and Chemistry, UIET, M.D.University, Rohtak
12. Mr. Kamaldeep, Assistant Professor, Computer Science and Engineering, UIET, M.D.University, Rohtak.
13. Dr. Vikas Nandal, Assistant Professor, ECE, UIET, M.D.University, Rohtak
14. Sh. Naveen Khatak, Assistant Professor, Mechanical Engineering UIET, M.D.University, Rohtak
15. Dr. Gurdiyal Singh, Assistant Professor, Electrical Engineering, UIET, M.D.University, Rohtak
16. Sh. Vineet Kumar, Assistant Professor, Civil Engineering, UIET, M.D.University, Rohtak
17. Ms. Savita Khatri, Assistant Professor, Applied Sciences- Chemistry, UIET, M.D.University, Rohtak
18. Prof. Vivek Kumar, Electrical Engineering BRCM College of Engineering, Bahal
19. Prof. Meenu Budhiraja, ECE Vaish College of Engineering, Rohtak
20. Dr. Ashish Bhardwaj, Associate Professor in Fashion and Apparel, TITS, Bhiwani
21. Dr. Dheeraj, Associate Professor in CSE, Sat Kabir Institute of Technology & Management, Jhajjar
22. Prof. Dinesh Khanduja, Dept. of ME NIT, Kurukshetra Outside Expert
23. Prof. Anita Singhroha, Dept. of CSE DCRUST, Murthal (Sonapat) Outside Expert

- 24 Prof. C.C. Tripathi, Dept. of ECE
UIET, Kurukshetra University, Kurukshetra
- 25 Prof. Stahans, Dept. of EE
NIT, Kurukshetra
- 26 Prof. Gulshan Taneja, Registrar
M.D.University, Rohtak

Outside Expert

Outside Expert

Secretary

Sub: Minutes of the meeting of the Faculty of Engineering & Technology held on 27.09.2022 at 11:00 AM

Sir/Madam,

I am directed to send herewith a copy of Minutes of the meeting of the Faculty of Engineering & Technology held on 27.09.2022 at 11:00 P.M in the office of the Director, Univesity Institute of Engineering & Technology, M. D.University, Rohtak. The objection(s), if any, with regard to recording of the minutes may kindly be sent to the Registrar (Secretary) within 10 days of circulation of these minutes.

Yours faithfully,



Superintendent (Academic)
For Registrar

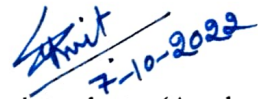
Encl: As above

Endst. No. ACS-II/F-46/2022/.....20452-457

Dated: 7.10.2022

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

1. Controller of Examinations, M.D. University, Rohtak.
2. Deputy Registrar/Assistant Registrar (Secrecy, Conduct, R&S), M.D. University, Rohtak
3. Director, UCC, M.D. University, Rohtak for uploading the minutes of meeting on the University Website.
4. The Supdt. (Academic-I), M.D.University, Rohtak with the request to take further necessary action on Point Nos. 16 & 17, 19.



Superintendent (Academic)
For Registrar

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

MINUTES OF THE MEETING OF THE FACULTY OF ENGINEERING & TECHNOLOGY HELD ON 27.09.2022 AT 11:00 A.M. IN THE OFFICE OF THE DIRECTOR OF UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY, M.D. UNIVERSITY, ROHTAK.

Members Present

- | | | |
|----|---|----------------|
| 1 | Dr. Yudhvir Singh, Professor,
Director UIET & Dean Faculty of Engineering & Technology | Chairman |
| 2 | Dr. Vineet Kumar, Professor, Mechanical Engineering, | |
| 3 | Dr. Sonia, Professor, Biotechnology | |
| 4 | Dr. Manvender Singh, Professor, Biotechnology | |
| 5 | Dr. Ashwani Kumar Dhingra, Professor, Mechanical Engineering | |
| 6 | Dr. Prabhakar Kaushik, Professor, Mechanical Engineering | |
| 7 | Dr. Chhavi Rana, Associate Professor, Computer Science and Engineering, | |
| 8 | Dr. Vikas Sindhu, Associate Professor, ECE | |
| 9 | Dr. Veer Bhan, Associate Professor, Biotechnology | |
| 10 | Dr. Rajesh Kumar, Associate Professor, Applied Science and Chemistry | |
| 11 | Dr. Gurdiyall Singh, Assistant Professor, Electrical Engineering | |
| 12 | Sh. Vineet Kumar, Assistant Professor, Civil Engineering | |
| 13 | Ms. Savita Khatri, Assistant Professor, Applied Sciences-Chemistry | |
| 14 | Prof. Vivek Kumar, Electrical Engineering, BRCM College of Engineering, Bahal | |
| 15 | Dr. Ashish Bhardwaj, Assistant Professor in Fashion and Apparel, TITS, Bhiwani | |
| 16 | Prof. Dinesh Khanduja, Dept. of ME, NIT, Kurukshetra | Outside Expert |
| 17 | Prof. Anita Singhroha, Dept. of CSE, DCRUST, Murthal (Sonapat) | Outside Expert |
| 18 | Sh. Madan Lal Batra, OSD (Academic) | |

1. Confirmed the minutes of the previous meeting of the Faculty of Engineering & Technology held on 19.04.2022 (already circulated) and noted the follow up action.
2. Considered the recommendations of the Board of Studies in Engineering. & Technology made vide Reso. No. 4 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of M.Tech. (Power System) w.e.f. session 2022-23 be prescribed as per Annexure-I Pages 1 to 5 (already circulated).

RESOLVED THAT THE SYLLABI OF THE ABOVE PROGRAM BE APPROVED.

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

3. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 5 of its meeting held on 20.06.2022 that the Syllabus of the following Foundation Elective Papers w.e.f. session 2022-23 be prescribed as per Annexure- II Pages - 6-9 (already circulated)
 1. Building Materials (22MTSE22F1) in 2nd semester
 2. Electrical Engineering Basics (22MPSF1) in 2nd semester

RESOLVED THAT THE MATTER WITH REGARD TO INTRODUCTION OF THESE PAPERS AS FOUNDATION ELECTIVE PAPERS BE RECOMMENDED TO THE CBCS BOARD FOR CONSIDERATION.

4. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 6 of its meeting held on 20.06.2022 that the Syllabus of the following Open Elective Papers w.e.f. the session 2022-23 be prescribed as per Annexure- III Pages 10-13(already circulated)

1. Stabilization of Soil (22MTSE2201),
2. Basics of Power Systems (22MPSO1), 2nd semester
3. Electricals Power Generation (22MPSO2), 3rd semester

RESOLVED THAT THE MATTER WITH REGARD TO INTRODUCTION OF THESE PAPERS AS OPEN ELECTIVE PAPERS BE RECOMMENDED TO THE CBCS BOARD FOR CONSIDERATION.

5. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 7 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of the following M.Tech. Programs w.e.f. the session 2022-23 be prescribed as per Annexure-IV, Pages-14-24 (already circulated)

1. M.Tech. CSE (AI&ML)
2. M.Tech. Civil Engineering (Computer Aided Structural Engineering)

RESOLVED THAT THE SYLLABI OF THE ABOVE PROGRAMS BE APPROVED.

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

6. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 8 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of B.Tech. Computer Science & Engineering (Data Science) 1st year be common with B.Tech. Computer Science & Engineering 1st year "G" Scheme w.e.f. the session 2022-23.

RESOLVED THAT THE MATTER BE RECOMMENDED TO ACADEMIC COUNCIL FOR APPROVAL. THE SCHEME OF EXAMINATIONS OF THE ABOVE PROGRAM ALREADY STANDS APPROVED.

7. Considered the recommendations of the Board of Studies in Engineering, & Technology made vide Reso. No. 9 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of M.Tech. (Transportation Engineering & Management) be common with M.Tech. (Transportation Engineering) w.e.f. session 2022-23.

RESOLVED THAT THE MATTER BE RECOMMENDED TO ACADEMIC COUNCIL FOR APPROVAL. THE SCHEME OF EXAMINATIONS OF THE ABOVE PROGRAM ALREADY STANDS APPROVED.

8. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 11 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of Diploma in

Energy Management & Energy Auditing offered by Electrical Engineering w.e.f. session 2022-23 be prescribed as per Annexure-V Pages 25-27 (already circulated)

RESOLVED THAT THE MATTER BE DEFERRED.

9. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 12 of its meeting held on 20.06.2022 that:-

1. The Scheme of Examination and Syllabus of M.Tech. (Printing Graphics and Communication) also be applicable to M.Tech. (Printing Technology) for the session 2021-22 only.
2. The Scheme of Examination and Syllabus of M.Tech. (Printing Technology) w.e.f. the session 2022-23 be prescribed as per Annexure- VI Pages 28-31 (already circulated).

THE FACUTY RESOLVED AS UNDER:

1. **MINUTES OF THE MEETING OF THE COMMITTEE DATED 07.06.2022 DULY APPROVED BY THE DEAN ACADEMIC AFFAIRS BE FOLLOWED WHICH PROVIDES AS UNDER:-**

“THE SCHEME OF EXAMINATION OF M. TECH. (PRINTING & GRAPHICS COMMUNICATION) AS ALREADY APPROVED BY THE ACADEMIC COUNCIL MAY BE CONTINUED FOR YEAR 2021-22.”

ACCORDINGLY, THE SYLLABUS AND SCHEME OF EXAMINATIONS OF M.TECH. (PRINTING & GRAPHICS COMMUNICATION) FOR 3RD & 4TH SEMESTER ALREADY APPROVED BY THE ACADEMIC COUNCIL BE ALSO FOLLOWED FOR THE SESSION 2022-23.

2. **THE SYLLABI OF M. TECH. (PRINTING TECHNOLOGY) PROGRAM BE APPROVED.**

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS OF M.TECH. PRINTING TECHNOLOGY BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

10. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 13 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of B.Tech. (Computer Science & Technology) 4th year be common with B.Tech. (Computer Science & Engineering) 4th year w.e.f. session 2022-23 be prescribed as per Annexure -VII Page 32-35 (already circulated).

RESOLVED THAT THE MATTER BE RECOMMENDED TO ACADEMIC COUNCIL FOR APPROVAL. THE SCHEME OF EXAMINATIONS OF THE ABOVE PROGRAM ALREADY STANDS APPROVED.

11. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 14 of its meeting held on 20.06.2022 that minor changes in the Scheme of Examination and Syllabus of B.Tech. (IT) 8th semester be prescribed w.e.f. session 2022-23 (already circulated).

RESOLVED THAT THE MATTER BE RECOMMENDED TO ACADEMIC COUNCIL FOR APPROVAL.

12. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 15 of its meeting held on 20.06.2022 that minor changes in the Scheme of Examination and Syllabus of B.Tech. (Fire Technology & Safety) 6th semester be prescribed w.e.f. session 2022-23 (already circulated).

RESOLVED THAT THE MATTER BE RECOMMENDED TO ACADEMIC COUNCIL FOR APPROVAL.

13. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 16 of its meeting held on 20.06.2022 that the Syllabus and Scheme of Examination of the following B. Tech. Programme 3rd & 4th year be same as that of their related Programme (mentioned against the Programme) w.e.f. session 2022-23:-

S.N.	Name of Program	Related Branch/Common with Branch
1.	B.Tech (Computer Science & Design)	B.Tech Computer Science & Engineering)
2.	B.Tech (Computer Engineering)	B.Tech (Computer Science & Engineering)
3.	B.Tech (Automation Engineering)	B.Tech (Mechanical & Automation Engineering)
4.	B.Tech (Electrical & Communication Engineering)	B.Tech (Electronics & Communication Engineering)

RESOLVED THAT THE MATTER BE RECOMMENDED TO ACADEMIC COUNCIL FOR APPROVAL. THE SCHEME OF EXAMINATIONS OF THE ABOVE PROGRAMS ALREADY STAND APPROVED.

14. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 17 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabus of the following B.Tech. Programs 3rd & 4th year w.e.f. session 2022-23 be prescribed as per Annexure- VIII Pages-36-58 (already circulated):-

1. B.Tech (Artificial Intelligence and Machine Learning), 3rd & 4th year
2. B.Tech (Artificial Intelligence and Data Science), 3rd & 4th year
3. B.Tech CSE (Artificial Intelligence and Machine Learning), 3rd & 4th year
4. B.Tech. CSE (Internet of Things and Cyber Security including Block Chain Technology), 3rd & 4th year
5. B.Tech (Robotics & Artificial Intelligence), 3rd & 4th year
6. B.Tech (Robotics & Automation Engineering), 3rd & 4th year

RESOLVED THAT THE SYLLABI OF THE ABOVE PROGRAMS BE APPROVED.

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

15. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 18 of its meeting held on 20.06.2022 that the Scheme of Examination and Syllabi of B.Tech.

(Mining Engineering) 4th year w.e.f. session 2022-23 be prescribed as per Annexure-IX Pages 59-62 (already circulated)

RESOLVED THAT THE SYLLABI OF THE ABOVE PROGRAM BE APPROVED.

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

16. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. No. 2 of its meeting held on 14.09.2022 that the amendment in the Ph.D. Entrance Examination in various branches of Engineering & Technology and amendment in syllabus as well as pattern of Ph.D. Entrance Examination in Biotechnology Engineering be prescribed from the session 2022-23 as under:-

1. The use of Non-Programmable Scientific calculator should be allowed to the candidates appearing in the entrance examination for Ph.D. in Engineering.
2. There should be 50 questions (2 marks for each) in the entrance examination for Ph.D. in Engineering in place of 100 questions
3. Presently for admissions to Ph.D. Biotechnology at UIET, there is common entrance test with Life Sciences. BOS recommended that separate entrance examination should be conducted for admission to Ph.D. Biotechnology Engineering.
4. The syllabus for entrance examination for Ph.D. in Biotechnology Engineering be prescribed as per annexure ____ Pages _____.

The pattern shall be common with other Ph.D. Programs in Engineering and Technology.

RESOLVED THAT THE MATTER BE REFERRED TO THE COMMITTEE ALREADY CONSTITUTED BY THE VICE-CHANCELLOR TO RECOMMEND THE ORDINANCE OF Ph.D PROGRAM.

17. Considered the recommendation of the Board of Studies in Engineering & Technology made vide Reso. No. 3 of its meeting held on 14.09.2022 that the modification in existing ordinance of B.Tech. w.e.f. the session 2022-23 be prescribed as under:-

After detailed discussion, it was resolved that Minor Degree may be allowed and the following should be inserted in the existing ordinance of B.Tech. after point no. 3.

“Under Graduate Degree Courses in Emerging/Multidisciplinary Areas shall be allowed as specialization from the same department as per the guidelines given by AICTE from time to time. The minimum additional Credits for such Courses shall be in the range of 18-20 (including credit transferred from the SWAYAM platform) and the same shall be mentioned in the degree, as specialization in that particular area. For example, doing extra credits for Robotics in Mechanical Engineering shall earn B.E./B.Tech. (Hons.) Mechanical Engineering with specialization in Robotics.




Minor specialization in Emerging/Multidisciplinary Areas in Under Graduate Degree Courses may be allowed where a student of another Department shall take the minimum additional Credits in the range of 18-20 and get a degree with minor from another Department.”

RESOLVED THAT THE ABOVE PROPOSAL BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL AND THE SAME BE APPLICABLE FOR B. TECH. 1ST YEAR STUDENTS ADMITTED DURING THE SESSION 2022-23.

18. Considered the recommendation of the Board of Studies in Engineering & Technology made vide Reso. No. 4 of its meeting held on 14.09.2022 that the Scheme of Examinations and Syllabi of the following Programs be prescribed from the session 2022-23 (already circulated).

1. M.Tech. (Artificial intelligence & Data Science) 2nd year
2. B.Tech. (Mechanical & Automation Engineering), 2nd, 3rd & 4th year
3. B.Tech. CSE (Data Science), 3rd year & 4th year
4. B.Tech. Electronics & Communication Engineering with Specialization in Internet Things
5. B.Tech. Mechanical Engineering with Specialization in Smart Manufacturing
6. B.Tech. Mechanical Engineering with Specialization in Electric Vehicles
7. B.Tech. Minor Degree in Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer Science & Engineering, Biotechnology and Electronics & Communication Engineering offered by other than parent department.
- 8.(i) B.Tech. CSE with specialization AI & ML
- (ii) B.Tech. CSE with specialization AI & DS
- (iii) B.Tech. CSE with specialization Cyber Security
9. B. Tech. Electrical Engineering with specialization in Electric Vehicles

RESOLVED THAT THE SYLLABI BE APPROVED.

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL (AS PER ANNEXURE ... PAGE)

ALSO RESOLVED THAT FOR THE PURPOSE OF IMPARTING INSTRUCTIONS TO THE STUDENTS AND SUBMISSION OF CR/RR OF B.TECH./M.TECH. PROGRAMS THE SYLLABI AND SCHEME OF EXAMINATIONS OF VARIOUS B.TECH./M.TECH. PROGRAMS RECOMMENDED/APPROVED BY THE FACULTY IN TODAY'S MEETING UNDER VARIOUS RESOLUTIONS BE GOT UPLOADED ON THE UNIVERSITY WEBSITE TO AVOID FURTHER DELAY AS THE SESSION 2022-23 HAS ALREADY COMMENCED.

19. Considered the recommendation of the Board of Studies in Engineering & Technology made vide Reso. No. 5 of its meeting held on 14.09.2022 that the contact hours of Workshop Technology (ESC-ME-102G) 3 hours per week with 3 credits and Engineering Graphics and Design (ESC-ME-101G) 2 hours for theory classes with 2 credits and 3 contact hours with 1.5 credits for laboratory work be prescribed from the session 2023-24.

RESOLVED THAT THE MATTER BE RECOMMENDED TO THE ACADEMIC COUCIL FOR APPROVAL ALONGWITH SCHEME OF EXAMINATIONS OF THESE PROGRAMS BE PRESCRIBED AS PER ANNEXURE PAGE

20. Considered the recommendations of the Board of Studies in Engineering & Technology made vide Reso. no. 7 in its meeting held on 19.04.2022 that the minor changes in the Scheme of Examinations and syllabi of M. Tech. Civil Engineering with specialization Transportation Engineering be prescribed from the session 2022-23 (already circulated).

RESOLVED THAT THE SYLLABUS BE APPROVED.

FURTHER RESOLVED THAT THE SCHEME OF EXAMINATIONS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.


DEAN, FACULTY OF ENGINEERING & TECHNOLOGY


REGISTRAR
