



**MAHARISHI MARKANDESHWAR
(DEEMED TO BE UNIVERSITY)
MULLANA–AMBALA, HARYANA (INDIA) - 133207
(Established under Section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade ‘A++’)**

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MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA-AMBALA
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MINUTES of the meeting of **ACADEMIC COUNCIL** held on **10-02-2023** at **11:30 A.M.** in the Committee Room of the Administrative Block of the Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala.

The following were present:

1.	Dr. H.K Sharma, Vice-Chancellor	...(In the Chair)
2.	Dr. M.L. Ranga (former Vice-Chancellor of KUK and GJUS&T, Hisar) Kothi No. 841/5, Urban Estate, Kurukshetra	
3.	Dr. L.C. Gupta, (Former Member, Distance Education Council). H.No. E-45, KU Campus, Kurukshetra.	
4.	Prof. Adya Prasad Pandey, (Former Vice-Chancellor, Manipur University) G-20, Arbindo Colony, B.H.U, Varanasi	
5.	Dr. Anil Jain, President, Vaiseshika Electronic Devices, 38, Industrial Estate, Ambala Cantt.	
6.	Dr. Suchita Upadhaya, Professor, Department of Computer Science & Applications, Kurukshetra University, Kurukshetra	
7.	Dr. B.K. Aggarwal, Dean, Faculty of Medicine and Principal, MMIMS&R	
8.	Dr. (Ms.) Jyoti Sarin, Dean, Faculty of Nursing and Principal, MMCN	
9.	Dr. Sumeet Gupta, Dean, Faculty of Pharmaceutical Sciences and Principal, MMCP	
10.	Dr. Virender Singh Pahil, Dean, Faculty of Agriculture and Director, Agriculture,	
11.	Dr. Sunayna, Dean, Faculty of Management and Director, MMIIM	
12.	Dr. (Ms.) Bindu Jindal, Professor of Law (representing Dean, Faculty of Law)	
13.	Dr. N.K. Batra, Dean Academic Affairs (T) & HOD, Mech. Engg., MMEC.	
14.	Dr. Kirandeep Kaur, Principal, MMIN	
15.	Dr. Manu Goyal, Principal, MMIP&R.	
16.	Dr. Sumit Mittal, Principal, MMICT&BM(MCA)	
17.	Dr. Vishal Bharti, Principal, MMEC	
18.	Ms. Rekha Kaushik, Ofg Principal, MMICT&BM(HM)	

19.	Dr. Narinder Kaur, HOD of Microbiology, MMIMS&R
20.	Dr. Kusum Mahajan, HOD of Paediatrics, MMIMS&R
21.	Dr. Mukand Lal, HOD of Orthopaedics, MMIMS&R
22.	Dr. Anshu Mittal, HOD of Community. Med., MMIMS&R
23.	Dr. Dinesh Kansal, HOD of Pharmacology, MMIMS&R
24.	Dr. Ram Nandan Prasad, HOD of Anaesthesia, MMIMS&R
25.	Dr. K.K.Aggarwal, HOD of Forensic Medicine, MMIMS&R
26.	Dr. ML Pandey, HOD of Ophthalmology, MMIMS&R
27.	Dr. Poonam Bharti, HOD of Psychiatry, MMIMS&R
28.	Dr. Sasanka Chakrabarti, HOD of Biochemistry, MMIMS&R
29.	Dr. Vijay Nijhawan, HOD of Pathology, MMIMS&R
30.	Dr. Atul Mahajan, HOD of General Surgery, MMIMS&R
31.	Dr. Ruby Bhatia, HOD of Obs. & Gyn., MMIMS&R
32.	Dr. Gini Datta, HOD of ENT, MMIMS&R
33.	Dr. Vivek Ahuja, HOD of Gastroenterology, MMIMS&R
34.	Dr. Rajesh Khanna, HOD of Urology, MMIMS&R
35.	Dr. Sandeep Goyal, HOD of Dept. of Comp. Sc. Engg. , MMEC
36.	Dr. Vanita Aggarwal, HOD of Dept. of Civil Engg., MMEC
37.	Dr. Sharad Sharma, HOD of Dept. of ECE, MMEC
38.	Dr. Bhawna Pareek, HOD of Chemistry, MMEC
39.	Dr. Vandana Sharma, HOD of Physics, MMEC
40.	Dr. Anil Sharma, HOD of Biotechnology, MMEC
41.	Dr. Tarun Gulati, Ofg. HOD of Electrical Engg., MMEC
42.	Dr. Atul Sharma, HOD of Oral Surgery, MMCDS&R
43.	Dr. Sandeep Garg, HOD of Prosthodontics, MMCDS&R
44.	Dr. Sushruth Nayak, HOD of Oral Pathology, MMCDS&R
45.	Dr. S.K. Sachdeva, HOD of Periodontics, MMCDS&R
46.	Dr. Deepankar Bhatnagar, HOD of Orthodontics, MMCDS&R
47.	Dr. Navneet Kukreja, HOD of Cons. Dentistry, MMCDS&R
48.	Dr. Amit Aggarwal, HOD of Oral Medicine & Radiology, MMCDS&R
49.	Dr. Mini Bhatnagar Sud, Professor of Gen. Medicine, MMIMS&R
50.	Dr. Ajay Kumar Gupta, Professor of Biotechnology, MMEC
51.	Dr. Praveen Kumar Gupta, Professor of Chemistry, MMEC
52.	Dr. Satish Kumar, Professor of Mathematics, MMEC
53.	Dr. Atul Sharma, Professor of Oral Surgery, MMCDS&R
54.	Dr. Mansi Jain, Professor of Pedodontics, MMCDS&R
55.	Dr. Dinesh Kumar Mehta, Professor of MMCP
56.	Dr. Meenu Gupta, Assoc. Professor of MMIM
57.	Dr. Raman Gupta, Controller of Examinations
58.	Prof. Rajinder Kumar, Registrar.

1. **THE VICE-CHANCELLOR EXTENDED A HEARTY WELCOME TO ALL THE HON'BLE MEMBERS OF THE COUNCIL, MORE SPECIALLY TO THE NEW MEMBERS AND REQUESTED THEM TO CONTRIBUTE IN THE CONSTRUCTIVE DELIBERATIONS OF THE COUNCIL.**

2. **Considered** the confirmation of **Minutes** of the last meeting of the Academic Council held on **05-03-2022** and to note the follow up action taken on the decisions of the last meeting.

RESOLVED THAT THE MINUTES OF THE LAST MEETING OF THE ACADEMIC COUNCIL HELD ON 05-03-2020 BE CONFIRMED AND FOLLOW UP ACTION TAKEN ON THE DECISIONS OF THE LAST MEETING BE NOTED.

3. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5 (iv) of MOA of the MM(DU) in anticipation of approval of the Academic Council/Board of Management in approving the Ordinance of M.Sc. Agriculture w.e.f. the academic session 2020-21 (Annexure - I, Pages:1-8).

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

4. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5 (iv) of MOA of the MM(DU) on the recommendations of the Principal, MMIP&R for allowing extension to Mr. Ankush Kumar, Roll No. 1813025 of Bachelor of Physiotherapy (BPT) course to complete his internship within next six months.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

5. **Considered** the action taken by the Vice-Chancellor in anticipation of approval of the Academic Council, in allowing extension to Ms. Priyanka Antil, M.Phil (Management), Roll No. 1214802 (batch 2014) for submission of her M.Phil (Management) dissertation beyond the stipulated period of three years upto 06-11-2022 in relaxation of Clause 6.2 of the Ordinance for M.Phil Programme.

THE CONSIDERATION OF THE ABOVE ITEM WAS DEFERRED.

6. **Considered** the recommendations of Board of Studies regarding approval of modified topic of Mr. Abhay Bindle, Research Scholar in Electronics and Comm. Engg. as under:-

Previous Topic	Proposed Topic
Energy Efficient Beamforming Technique	An Efficient Beamforming Technique for Future Mobile Wireless Communication Systems

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

7. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5(iv) of the MoA of the MM(DU) in anticipation of approval of Academic Council for granting further extension of three months from 01.07.2022 to 30.09.2022 to Mr. Raminder Singh, Research Student in the Department of Mechanical Engineering for submission of his Ph.D. Thesis.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

8. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5(iv) of MoA of the MM(DU) in anticipation of approval of Academic Council, in allowing further extension of two months from 28.06.2022 to 27.08.2022 to Mr. Gaurav Kumar, Research Student in the Department of Mechanical Engg. for submission of his Ph.D. Thesis.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

9. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5(iv) of the MoA of the MM(DU), in anticipation of approval of Academic Council for approving the updated research Topic of Mr. Ashutosh Dixit, Research Student in Chemistry, as under and allowing him to re-submit his thesis after successful presentation of pre-submission seminar:-

Old Topic	New Topic Updated	Supervisor
SYNTHESIS OF METAL OXIDE NANOPARTICLES WITH PROMISING BIOLOGICAL ACTIVITIES	Synthesis of Zinc, Manganese Cadmium metal oxide nanoparticles with promising biological activities	Dr. Bhawna Pareek, Co-Supervisor Dr. Ashun, Associate Professor, Central University, Dharmshala, H.P

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

10. Considered the amendments/additions to Clause 3 of the Ordinance for Master of Computer Application (MCA) 2-year programme applicable from the academic session 2022-23, as under:

Existing	Proposed
<p>3. The minimum qualification for admission to the First Semester course shall be :-</p> <p>Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree from a recognized University.</p> <p style="text-align: center;">OR</p> <p>Passed B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level from a recognized University.</p> <p>Obtained at least 50% marks (45% marks in case of candidates belonging to SC/ST category) in the qualifying Examination.</p>	<p>3. The minimum qualification for admission to the First Semester course shall be :-</p> <p>Passed BCA./B.Sc. (Computer Science) or B.Sc./B.Tech./BE in CSE/IT or equivalent Degree.</p> <p style="text-align: center;">Or</p> <p>Passed any graduation degree (e.g.: B.E. / B.Tech. / B.Sc. B.Com./B.A/B.Voc./ etc.) with Mathematics at 10+2 level or at Graduation level.</p> <p>Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.</p> <p>Note: For students having no Mathematics background, compulsory bridge course will be framed by the MM(DU) and additional bridge course related to computer subjects as per the norms of the MM (DU).</p>

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

11. **Considered** the Ordinance for Bachelor of Physiotherapy (BPT) under Semester System, as per **Annexure - II, Pages: 9-13.**

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

(Also noted that the figure of 20% mentioned in clause 2.3 of the Ordinance may be read as 50%)

12. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5(iv) of the MoA of the MM(DU), in anticipation of approval of Academic Council, for granting further extension of six months from 19.05.2022 to 18.11.2022 to Mr. Vikas Sharma, Research Student in the Department of Electronics & Comm. Engg. for submission of his Ph.D. Thesis.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

13. **Considered** the recommendations of the Faculty of Agriculture made in its meeting held on 28-08-2022 (**Annexure - III, Pages: 14-15**), as under:-

Faculty Res. No	BOS Res. Nos. Dated 30-07-2022	Contents
1	2	<ul style="list-style-type: none"> • In B.Sc. (Hons) Agriculture 1st Semester Scheme the course code, syllabus and credit hours of BCT-101 and BIO-101 have been changed into BCT-101A & BIO-101A, respectively. Credit hours of MTH 101 also changed from 3 to 2. The course code of HVE-101 has been changed into HVE-101A as a non-credit course for the session 2022-23 onwards. • In B.Sc. (Hons) Agriculture 2nd Semester scheme the subject title and credit hours of MIC-102 A has been changed. Earlier title of ‘Fundamental of Microbiology’ changed into ‘Agriculture Microbiology’ and credit hours reduced from 3 to 2. Credit hours of CPH-102 (3 to 2) and Path-102 (3 to 4) also changed and the contents will remain same. Course code of ENT-102 changed into ENT 102A due to some addition of contents in the Section C of syllabus the course code COMP-102 (Introduction to Computer Application) has been replaced with COMP – 104 (Information & Communication Technology). NSS/NCC-102 has been removed from the 2nd Semester Scheme for the session 2022-23 onwards. • In B.Sc. (Hons) Agriculture 3rd Semester scheme the credit hours of AGR-201, AGE-201 and STT 201 reduced from 3 to 2 respectively. Course code of VPT-201 changed into VPT-201A. Credit hours of LPM – 201 has been increased from 3 to 4. NSS/NCC-201 course has been removed from the scheme. • In B.Sc. (Hons) Agriculture 4th Semester Scheme credit hours of PBG-202 has been increased from 2 to 3 and the credit hour of course AGR-206 has been reduced from 3 to 2. The course BCT-202 has been removed from the scheme for the session 2022-23 onwards. • In B.Sc. (Hons) Agriculture the Scheme of 5th and 6th Semester one course has been interchanged. Now the course Intellectual Property Rights (IPR 301) will be offered in 5th Semesters and Farm Management Production & Recourse Economics (AEC 303) in 6th

		<p>Semester. The elective courses name has been added for both 5th and 6th Semesters for the session 2022-23 onwards.</p> <ul style="list-style-type: none"> • In B.Sc. (Hons) Agriculture 7th Semester Scheme has been revised and approved and now for the session 2022-23 evaluation will be done according to the obtained marks of given credits. • B.Sc. (Hons) Agriculture Scheme for 8th Semester has been revised with the addition of examination evaluation criteria for the session 2022-23 onwards. • Integrated B.Sc. (Hons.) Scheme & Syllabus has been reviewed and approved for the existing scheme for the session 2022-23. • The Scheme of M.Sc. Agronomy and M.Sc. Entomology 2nd, 3rd, 4th Semester has been revised and approved for the session 2022-23 with minor changes that now onwards for all the Non-credit courses, credit hours will be given only for L, T and P and will not be added in the final credit load. • The Scheme of Ph.D Agronomy has been revised and approved for the session 2022-23, the title of course code MP-05 (B) has been modified from “Advances in crop growth and productivity to “Advances in crop production.
1.3	4	Scheme and Syllabus of 8 th Semester (RAWE programme) of B.Sc. (Hons.) Agriculture students transferred from MMU, Sadopur. The grading will be adopted as Satisfactory/Unsatisfactory.
1.4	5	<p>The Syllabus of six certificate value added courses, three courses will be offered in the odd semester and rest three in the even semester. These courses will be open for students, faculty members and research scholars of other Departments of University, farmers and other stakeholders.</p> <p>Approval of Syllabus of value added courses on Beekeeping, Organic Farming, Mushroom Cultivation, Vermi Composting, Fruits & Vegetables and Improved Seeds and their Production Technology. Out of above six courses, three will be offered in the odd semester and three in even semester.</p>

RESOLVED THAT THE RECOMMENDATIONS OF THE FACULTY OF AGRICULTURE BE APPROVED AS ABOVE.

14. **Considered** the recommendations of the respective Boards of Studies/IEC/IAEC regarding approval of topics and appointment of Supervisor(s) of the following Research Scholars of different Departments/Institutes as indicated against each:-

Sr. No.	Name of the Research Scholar	Department/ Institute	Topic	Name of Supervisor/ Co-Supervisor	Date of Approval of BOS/IEC/ IAEC
1	Subhasish Chatterjee	Physiotherapy	DEVELOPMENT VALIDATION AND RELIABILITY TESTING OF STROKE SPECIFIC SHOULDER DISABILITY INDEX	Dr. Manu Goyal	28.08.2020 IEC 22.01.2021
2.	POOJA JASWAL	Nursing	Effectiveness of Empowerment Programme for Integrated Screening and Management of Non Communicable Diseases in terms of Knowledge and Skills among ASHA Workers of selected Community area of Ambala Haryana	Dr. Yogesh Kumar	08.12.2021 IEC 15.03.2022
3.	LIPIKA	Chemistry	Bioinspired fluorine free surface coatings for multifunctional applications	Dr. Arun Kumar Singh	13.07.2022
4.	SARVJEET KAUR	--do--	SYNTHESIS, CHARACTERISATION AND SPECTROSCOPIC ANALYSIS OF MOLECULAR CAPSULE AND THEIR ALLOSTERICALLY CONTROLLED BINDING BEHAVIOUR	Dr. Ashutosh Singh	13.07.2022
5.	KUSUM	--do--	SPECTROPHOTOMETRIC METHODS OF MICRODETERMINATION OF IRON AND CERIUM	Dr. Amita Garg	13.07.2022
6.	SONIA	--do--	HETEROPOLYACID SALTS, THEIR APPLICATIONS AS POTENTIOMETRIC SENSOR AND CATALYST	Dr. Nadeem Sharma	13.07.2022
7.	HARJOT KAUR	--do--	FACILE SYNTHESIS ROUTE OF NANOCOMPOSITE FORMATION FOR ELECTROCATALYTIC DETECTION OF NEUROTRANSMITTERS	Dr. Samarjeet Singh Siwal	13.07.2022
8.	SAVITA KUMARI	--do--	SYNTHESIS, CHARACTERIZATION AND CATALYTIC PERFORMANCE OF POLYMER-ANCHORED HETEROGENEOUS COMPLEXES	Dr. Praveen Kumar Gupta	13.07.2022

9.	KARAMVEER	--do--	SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF CARBON- BASED NANOCOMPOSITE FOR ENERGY STORAGE MATERIALS	Dr. Samarjeet Singh Siwal	13.07.2022
10.	AMIT BHARDWAJ	Chemistry	Plant-mediated green synthesis of metallic nanoparticles for photocatalytic and sorptive applications	Dr. Arun Kumar Singh	13.07.2022
11.	VIVEK KUMAR	--do--	Synthesis of Metal Complexes and Evaluation of their Anticancer Activity	Dr. Nivedita Agnihotri	13.07.2022
12.	MANISH KUMAR	--do--	SYNTHESIS, CHARACTERIZATION AND CATALYTIC APPLICATIONS OF HETEROPOLYACID SALTS FOR ESTERIFICATION AND TRANSESTERIFICATION REACTION	Dr. Nadeem Sharma	13.07.2022
13	SALONI	--do--	SAPATIO-TEMPORAL EXPLORATION OF HYDROCHEMISTRY OF FRESHWATER AQUIFERS IN AMBALA DISTRICT WITH SPECIAL REFERENCE TO HUMAN HEALTH	Dr. Nirankar Singh	13.07.2022
14	KIRTI MISHRA	--do--	SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF NOBLE- METAL BASED MATERIALS FOR ELECTRO- OXIDATION OF ALCOHOLS	Dr. Samarjeet Singh Siwal	13.07.2022
15	ANKIT GARG	--do--	STUDIES ON SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF SCHIFF BASE METAL COMPLEXES	Dr. Jyoti Sharma	13.07.2022
16	RUCHI GARG	ECE	Secure Range Free Localization Against Wormhole Attack in Wireless Sensor Networks	Dr. Tarun Gulati	28.07.2022
17	LAVISHA	Management	ANALYSING THE IMPACT OF STRESS ON EMPLOYEES' ATTRITION IN HEALTHCARE SECTOR OF HARYANA	Dr. Nipun Aggarwal	09.08.2022

18	ASHIMA GARG	-do-	PERCEPTION OF INFORMATION TECHNOLOGY (IT) PROFESSIONALS TOWARDS WORK FROM HOME AND WORK FROM OFFICE: AN EMPIRICAL STUDY	Dr. Priyanka Ranga	09.08.2022
19	SHELLY	-do-	EMPLOYABILITY AND SKILLS GAP AMONG MANAGEMENT GRADUATES: EXPLORING ACADEMIC AND INDUSTRY PERSPECTIVE	Dr. Sultan Singh	09.08.2022
20	SHALLU DHIMAN	Management	IMPACT OF ETHICAL PRACTICES ON ORGANISATIONAL COMMITMENT AND JOB PERFORMANCE OF EMPLOYEES AFTER MERGERS AND ACQUISITIONS IN INDIAN PUBLIC SECTOR BANKS	Dr. Sultan Singh	09.08.2022
21	TWINKLE	-do-	INFLUENCE OF SOCIAL MEDIA MARKETING ON ONLINE SHOPPING: AN EMPIRICAL STUDY OF ACADEMICIANS IN HARYANA	Dr. Indira Bhati	09.08.2022
22	NAVNEET MEHAN	Pharmacy	Formulation and Characterization of Polymeric Micellar Carriers of Anti-cancer agent(s) in the Treatment of Non-melanoma Skin Cancer	Dr. Manish Kumar	20.08.2022 IAEC 24.02.2022
23	ANKITA BENIWAL	-do-	Pharmacological Evaluation of Cymbalaria muralis and Kickxia ramosissima in Streptozotocin- Nicotinamide induced Diabetic Nephropathy	Dr. Akash Jain	20.08.2022 IAEC 30.08.2022
24	SHEETAL DEVI	-do-	Development and Evaluation of Novel Nano-Lipid Carriers of Selected Anti-Inflammatory Drug(s) for the Management of Ocular Inflammation	Dr. Manish Kumar	20.08.2022 IAEC 24.02.2022
25	HARISH KUMAR	-do-	Evaluation of Medicinal Mushrooms for Neurodegeneration Associated with Age Dependent Oxidative Stress	Dr. S. Alam Co-Supervisor Dr. Ajay Gupta, Professor, Department of Biotechnology, MM(DU)	20.08.2022 IAEC 24.02.2022

26	RAJAN SALUJA	CSA	Design and Implementation of Student's Performance Model based on Machine Learning Algorithms	Dr. Munishwar Rai	25.08.2022
27	PEERZADA HAMID AHMAD	--do--	A Cluster-Based Genetic Model to improve the access time of data using Machine Learning	Dr. Munishwar Rai	25.08.2022
28	DEEPAK PANDEY	--do--	An Artificial Intelligence based Model to Predict the Outcome of Major League Baseball Match	Dr. Rajeev Gupta	25.08.2022
29	PARMOD SHARMA	Law	Role of Victim Compensation Schemes for the Rehabilitation of Women Victims of Crime: A Study	Dr. Reetika Bansal	30.08.2022
30	POORVA GUPTA	Law	An Analytical Study of GST law with Special Reference to Punjab and Haryana	Dr. Bindu Jindal	30.08.2022
31	MOHAMMAD TABREJ ALAM	--do--	Issues Related to Prevalence of Polygamy among Indian Muslims: A Socio- Legal Study	Dr. Reetika Bansal	30.08.2022
32	RIMPY BHARDWAJ	--do--	Role of Advanced Scientific Investigation in Criminal Justice System: An Analytical Study	Dr. Bindu Jindal	30.08.2022
33	PANKAJ	--do--	Abuse of Matrimonial Laws by Married Women: A Legal Study	Dr. Reetika Bansal	30.08.2022
34	JAGDEEP	--do--	Child Sexual Abuse in India: A Legal Study	Dr. Reetika Bansal	30.08.2022
35	ANJU RANI	Physics	SYNTHESIS CHARACTERIZATION AND PHOTOCATALYTIC APPLICATION OF DOPED TITANIUM OXIDE NANOSTRUCTURES	Dr. Suresh Kumar Co-Supervisor Dr. R. L. Dhiman Dept. of Physics, S.D. College (Lahore), Ambala Cantt.	09.08.2022
36	SHUBHAM	--do--	Studies on Optical Properties of Solution Processed Pure and Doped Copper Oxide Nanostructures and Their Biological Applications	Dr. Ishan Choudhary	09.08.2022
37	AMAN KUMAR	--do--	Study on the Light Harvesting Capability of Dye Sensitized Solar Cell by Utilizing Rare Earth Metal Modified ZnO Photoanode	Dr. Suresh Kumar	09.08.2022

38	AMRITA	--do--	Structural, Morphological and Optical Studies of Nickel Oxide (NiO) Nanoparticles for Potential Applications	Dr. Dixit Prasher	09.08.2022
39	RAHUL THAKUR	Biotechnology	Analysis of metal induced toxicity in yeast model harboring human peroxiredoxins	Dr. Adesh Kumar Saini	05.08.2022
40	RUPAL MALIK	--do--	Comparative inter-population study of different endogamous population groups of Haryana region	Dr. Anil K Sharma, <u>Co-Supervisor</u> Dr. Rajeev Kawatra, Asstt. Director, FSL, Madhuban, Karnal.	05.08.2022
41	RAVI KANT SHARMA	Biotechnology	Evaluation of pro-inflammatory & anti-inflammatory salivary cytokine profiles in psoriasis patients- A Prospective study	Dr. Ujjawal Sharma <u>Co-Supervisor</u> Dr. Aneet Mahendra, Prof. Dermatology, MMIMSR, Mullana-Ambala	05.08.2022
42	EKTA SHARMA	--do--	In - vitro and in-vivo studies on obesity using plant based formulations	Dr. Ajay Kumar Gupta,	05.08.2022
43	KUMAR PREET	--do--	Studies on physiological, biochemical and molecular basis of salinity tolerance in Sugarcane	Dr. Nirmala Sehrawat, <u>Co-Supervisor</u> Dr. Pooja, Scientist, Plant Physiology, ICAR Sugarcane Breeding Institute Regional Centre, Karnal	05.08.2022
44	MUKESH KUMAR	--do--	A study on the antifungal activity of ethanomedicinal plants against human and phytopathogenic fungi	Dr. Raj Singh	05.08.2022

45	MONU SHARMA	--do--	Simulated studies on degradation of azo dyes from textile effluents using mixed microbial culture	Dr. Raman Kumar Co-Supervisor Dr. Rajeev Vats, Director (Scientist-E), BIS NRO Chandigarh	05.08.2022
46	SONU SHARMA	--do--	Assessment of heavy metal bioremediation efficiency of microbial culture from industrial effluents	Dr. Raman Kumar	05.08.2022
47	ANJALI	--do--	Synthesis, characterization and application of nanofertilizer to improve growth and yield of selected vegetables	Dr. Indu Sharma	05.08.2022
48	SHALLU	--do--	In silico and in vitro studies on exploration of antiproliferative and antiangiogenic potential of <i>Onosma bracteatum</i>	Dr. Hardeep Singh Tuli	05.08.2022
49	RACHNA	--do--	Production, characterization and assessment of microbial naringinase for debittering of citrus fruit juice	Dr. Mukesh Yadav	05.08.2022
50	PAAVAN	--do--	Evaluation of Cr (VI) reduction from industrial effluents using indigenous microbial consortium isolated from contaminated sites	Dr. Raman Kumar	05.08.2022
51	ANSHUMAN RAI	Biotechnology	Diatoms as a nanomaterial for remediation of synthetic dyes associated with waste water	Dr. Anil K Sharma Co-Supervisor Dr. Rajeev Kawatra, Asstt. Director, FSL, Madhuban, Karnal	05.08.2022
52.	ANJU RANI	--do--	Formulation and Evaluation of topical herbal nano gel for accelerated chronic wound healing	Dr. Raman Kumar Co-Supervisor Dr. Satyendra Kumar Rajput, Professor and Head, Department of Pharmaceutical Science, Gurukul Kangri University, Haridwar, (UK)	05.08.2022

53	EISHA MEHTA	Mechanical Engg.	Sustainable Deployment of 'AI' in Indian Automobile Supply Chains Through Six Sigma's Dmaic Approach	Dr. Bikram Jit Singh	06.08.2022
54	MONIKA SHARMA	CSE	Secure and Robust IoT Based Framework for Healthcare System	Dr. Amit Kumar Bindal	22.07.2022
55	PRIYANKA	--do--	Machine Learning based Approach for Early Prediction of Risk during Pregnancy	Dr. Sonali Goyal Co-Supervisor Dr. Ruby Bhatia, Prof. & HOD, Obstetrics & Gynaecology Department, MMIMS&R, MM(DU), Mullana	22.07.2022
56	DEEPIKA ARORA	--do--	An Intelligent System for Prediction of Cardiovascular Disease	Dr. Avinash Sharma Co-Supervisor Dr. Bimal K. Agrawal, Professor, Department of Medicine, MMIMS&R, MM(DU), Mullana	22.07.2022
57	RITU MISHRA	--do--	A Secure and Robust Information Management Framework for Cloud in Collaborative Environment	Dr. Sandip Kumar Goyal	22.07.2022
58	MANDEEP KAUR	--do--	Design of Trust Based Authentication Technique for Security in Cloud Computing	Dr. Prachi Garg	22.07.2022
59	VANDANA	CSE	An Efficient Framework for Emotion Mining from the Text using Emerging Technologies	Dr. Avinash Sharma	22.07.2022
60	PRIYANKA BATHLA	--do--	Artificial Intelligence Based Prediction Model for Brain Stroke Disease	Dr. Rajneesh Kumar	22.07.2022
61	SHILPI GOYAL	English	Jurgen Habermas's Theory of Communicative Action and the Works of Charles Olson: A Study in Symbiosis	Dr. Sharanpal Singh	01.08.2022

62	AMAN SHARMA	--do--	THEORY AFTER DERRIDA: A STUDY OF RICHARD RORTY'S HERMENEUTICS	Dr. Sharanpal Singh	01.08.2022
63	SARASWATI	--do--	"Judith Butler's Theoretics of Gender; A Study of The Writings of Doris Lessing"	Dr. Ritu Sharma	01.08.2022
64	PRIYANKA VATS	--do--	BLACK FEMINIST POETICS: A STUDY OF THE WRITINGS OF MAYA ANGELOU	Dr. Sharanpal Singh	01.08.2022
65	SIMRAN	--do--	Decolonization and Hybridity: A study of the Selected Works of Wole Soyinka	Dr. Ritu Sharma	01.08.2022
66	ROHINA RATTI	--do--	Post Feminist Poetics: A Study of the Writings of Angela Carter	Dr. Sharanpal Singh	01.08.2022
67	POONAM DEVI	--do--	Luce Irigaray and French Feminism: A Study of the Writing of Audre Lorde	Dr. Ritu Sharma	01.08.2022

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

RESOLVED FURTHER THAT IN FUTURE CO-SUPERVISOR BE APPOINTED ONLY WHEN ABSOLUTELY NECESSARY WITH PROPER JUSTIFICATION.

15. **Considered** the recommendations of the **Faculty of Engg. & Technology** made in its meeting held on **20-09-2022** in prescribing/revising the Syllabi/Schemes of Examinations of various courses as recommended by the concerned Board of Studies, as per **Annexure -IV, Pages: 16-30**, as under:

Department	Faculty Res. No.	Brief Contents
Civil Engineering BOS meeting held on 13-07-2022)	Item No.17.3	<p>17.3.1 The list of Civil Engineering subjects on SWAYAM portal for the session July-Dec. 2022. Annexure- 17.3.1 (Page 01 to 01)</p> <p>17.3.2 The Revised Scheme of B. Tech Civil Engineering for 3rd to 8th semester for students of Batch 2021-2025 onwards. Annexure-17.3.2 (Page 02 to 07)</p> <p>17.3.3 The Syllabus of B. Tech Civil Engineering for 3rd and 4th semester for students of Batch 2021-2025 onwards. Annexure-17.3.3 (Page 08 to 27)</p> <p>17.3.4 The Scheme of M. Tech. (Civil Engineering) with Specialization in Geotechnical Engineering for students of Batch 2022-2024 onwards. Annexure-17.3.4 (Page 28 to 30)</p> <p>17.3.5 The Syllabus of M. Tech. (Civil Engineering) with Specialization in Geotechnical Engineering for students of Batch 2022-2024 onwards. Annexure-17.3.5 (Page 31 to 44)</p> <p>17.3.6 The list of value added subjects for session 2021-22 onwards (Post facto). Annexure-17.3.6 (Page 45 to 45)</p> <p>17.3.7 Minor changes in scheme (Universal Human Values subject added in 5th Semester) of batch 2020-2024 only. Annexure-17.3.7 (Page 46 to 52)</p>
Electrical Engg. (BOS meeting held on 21-07-2022)	Item No.17.4	<p>17.4.1 To note minor changes in scheme due to introduction of the course of Universal Human Values subject added in 7th Semester of batch 2020-2024 & in 4th Semester 2021-2025 of B.Tech. Electrical Engineering as per AICTE recommendations. Annexure-17.4.1: (Pages 1-12)</p> <p>17.4.2 The courses and their syllabi for Ph.D Course work of Electrical Engineering Dept. Annexure-17.4.2: (Pages 13-20)</p> <p>17.4.3 Value added course “PV Solar Workshop” from the session 2022-23. Annexure 17.4.3: (Page21)</p>
Electronics & Comm. Engg. (BOS meeting held on 28-07-2022)	Item No.17.5	<p>17.5.1 To note minor changes in scheme due to introduction of the course of Universal Human Values subject added in 6th Semester of batch 2020-2024 & in 4th Semester 2021-2025 of B.Tech Electronics & Comm. Engg. as per AICTE recommendations. Annexure-17.5.1 (Pages 1)</p>
Computer Sc. & Engineering (BOS meeting held on 19-07-2021, 28-10-2021, 29-01-2022 & 22-07-2022)	Item No.17.6	<p>17.6.1 Following changes in the scheme of B.Tech. 7th Semester (Computer Sc. & Engg.) (Batch 2019-2023 only). Annexure-17.6.1 (Page 1).</p> <p>i) Subject code for Business Intelligence is changed from BCSE-524 to BCSE-525.</p> <p>ii) Subject: (BCSE-525: Project-III) is changed to (BCSE-526: Project-IV).</p> <p>iii) In list of Elective-V, Internetworking Technologies-II subject is replaced by Programming Languages.</p> <p>iv) In list of Open Elective-II, subject code BCIV-084 is assigned to subject Rural Technology & Community Development, Subject codes of subjects Embedded Systems and Internet of Things are updated to BECE-531 &</p>

		<p>BECE-550 respectively and subject VLSI Design is replaced by subject (BT-401: Bioinformatics).</p> <p>v) In list of Open Elective-III, subject Wireless & Mobile Communication is replaced by subject (BECE-537: Mobile Communication & Networks), subject code of subject Control Systems is updated to BECE-524 and subject Managing innovation & Entrepreneurship is replaced by subject (BCIV-082: General Principles of Building Construction).</p> <p>vi) In list of Open Elective-IV, subject code of Digital Signal Processing is updated to BECE-517, subject code BCIV-085 is assigned to subject Infrastructure System-Planning, subject Biomedical Electronics is replaced by subject (BELE-529: Measurements & Instrumentation), and subject Knowledge Management is dropped.</p> <p>vii) MOOC course / Training course allocation related instructions are updated.</p> <p>17.6.2 Following changes in the scheme of B. Tech. 7th Semester (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2019-2023 only). Annexure-17.6.2 (Page 2)</p> <p>i) Subject Ethical Hacking is replaced with Information Security.</p> <p>ii) Subject: (BCSE-525: Project-III) is changed to (BCSE-526: Project-IV).</p> <p>iii) In list of Elective-V, subject Privacy and Security of Online Social Media Networks is renamed as Security and Privacy of Online Social Media Networks, subject Mobile Wireless and VOIP Security is renamed as Mobile Wireless and VoIP Security.</p> <p>iv) In list of Open Elective-II, subject code BECE-550 is assigned to subject Internet of Things, subject UI & UX is replaced by subject (BECE-531: Embedded Systems), subject (BCSE-551: Block Chain Technology) is replaced by subject (BT-401: Bioinformatics), new subject (BCIV-084:Rural Technology & Community Development) is added.</p> <p>v) New subject Open Elective-III is added in place of subjects (Artificial Intelligence, Professional Skills). The subjects included in the list are same as approved for 7th semester (CSE) under previous item.</p> <p>vi) New subject Open Elective-IV is added in place of subjects (Elective Lab based on PE, Ethical Hacking Lab). The subjects included in the list are same as approved for 7th semester (CSE) under previous item.</p> <p>vii) MOOC course / Training course allocation related instructions are updated</p> <p>17.6.3 Syllabi for departmental subjects of B. Tech. 7th semester (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2019-2023 only). Annexure-17.6.3 (Pages 3-9)</p> <p>i) Newly approved syllabus: Information Security, Elective-IV (Advanced Cloud Architecture, Cloud Security and Data Protection, Openstack), Elective-V (Security and Privacy of Online Social Media Networks, Server Security, Mobile Wireless and VoIP Security).</p> <p>ii) As remaining departmental subjects already existed in the scheme of previous batches with same/different code. So, no need to approve syllabi for these subjects</p> <p>17.6.4 Following changes in the scheme of B. Tech. 7th Semester (Computer Sc. & Engineering with specialization in Data Science) (Batch 2019-2023 only). Annexure-17.6.4 (Page 10).</p> <p>i) Subject: (BCSE-525: Project-III) is changed to (BCSE-526: Project-IV) and subject Advanced Big Data Analytics is moved to Elective-V with subject code BCSE-625.</p> <p>ii) In list of Open Elective-II, subject code BECE-550 is assigned to subject Internet of Things, subject UI & UX is replaced by subject (BECE-531: Embedded Systems), subject (BCSE-551: Block Chain Technology) is moved to Elective-IV and replaced by subject (BT-401: Bioinformatics), new subject (BCIV-084:Rural Technology & Community Development) is added.</p>
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		<p>iii) New subject Open Elective-III is added in place of subjects (Advanced Big Data Analytics, Professional Skills). The subjects included in the list are same as approved for 7th semester (CSE) under previous item.</p> <p>iv) New subject Open Elective-IV is added in place of subjects (Advanced Machine Learning Lab, Advanced Big Data Analytics Lab). The subjects included in the list are same as approved for 7th semester (CSE) under previous item.</p> <p>v) MOOC course / Training course allocation related instructions are updated</p> <p>17.6.5 Syllabi for departmental subjects of B. Tech. 7th semester (Computer Sc. & Engineering with specialization in Data Science) (Batch 2019-2023 only). Annexure-17.6.5 (Pages 11-18).</p> <p>i) Newly approved syllabus: Advanced Machine Learning, Elective-IV (Big Data Analytics on Cloud, Real Time Data Processing, Data Analytics using SQL), Elective-V (Social Media Analytics using R, Predictive Analysis using Python, Data Visualization Techniques, Advanced Big Data Analytics).</p> <p>ii) As remaining departmental subjects already existed in the scheme of previous batches with same/different code. So, no need to approve syllabi for these subjects</p> <p>17.6.6 Syllabi for departmental subjects of B. Tech. 5th semester (Computer Sc. & Engineering) (Batch 2020-2024 only). Annexure-17.6.6 (Pages 19-24).</p> <p>i) Newly approved syllabus: PHP and its Framework, UI / UX Design, Object Oriented Modelling, PHP and its Framework Lab.</p> <p>ii) Modifications (more than 20%) in already existing syllabus: Javascript and its Framework, Javascript and its Framework Lab.</p> <p>iii) As remaining departmental subjects already existed in the scheme of previous batches with same/different code. So, no need to approve syllabi for these subjects.</p> <p>17.6.7 Syllabi for departmental subjects of B. Tech. 5th semester (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2020-2024 only). Annexure-17.6.7 (Pages 25-26).</p> <p>i) Newly approved syllabus: Linux Administration, Linux Administration Lab, PHP and its Framework, PHP and its Framework Lab.</p> <p>ii) Modifications (more than 20%) in already existing syllabus: Javascript and its Framework, Javascript and its Framework Lab.</p> <p>iii) As remaining departmental subjects already existed in the scheme of previous batches with same/different code. So, no need to approve syllabi for these subjects.</p> <p>17.6.8 Syllabi for departmental subjects of B. Tech. 5th semester (Computer Sc. & Engineering with specialization in Data Science) (Batch 2020-2024 only). Annexure-17.6.8 (Page 27).</p> <p>i) Newly approved syllabus: Optimization Techniques Lab, PHP and its Framework, PHP and its Framework Lab.</p> <p>ii) Modifications (more than 20%) in already existing syllabus: Javascript and its Framework, Javascript and its Framework Lab.</p> <p>iii) As remaining departmental subjects already existed in the scheme of previous batches with same/different code. So, no need to approve syllabi for these subjects.</p> <p>17.6.9 Minor change in the scheme of B. Tech 6th semester (Computer Sc. & Engineering, Computer Sc. & Engineering with Specialization in Cloud Technology & Information Security, Computer Sc. & Engineering with Specialization in Data Science) (Batch 2020-2024 only). This change involve addition of 1 new subject (HSMC-051: Universal Human Values) with 3 credits. Total credit value for entire semester changed from 20 to 23 and for entire degree changed from 160 to 163. Syllabus of this subject was also approved. Annexure-17.6.9 (Pages 28-34).</p>
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17.6.10 Minor change in the scheme of B. Tech 6th semester (Computer Sc. & Engineering, Computer Sc. & Engineering with Specialization in Cloud Technology & Information Security, Computer Sc. & Engineering with Specialization in Data Science) (Batch 2021-2025 only). This change involve addition of 1 new subject (HSMC-051: Universal Human Values) with 3 credits. Total credit value for entire semester changed from 19 to 22 and for entire degree changed from 160 to 163. Syllabus of this subject was also approved.

Annexure-17.6.10 (Pages 35-41)

17.6.11 Minor change in the scheme of B. Tech 1st / 2nd semester (All Branches) (Batch 2022-2026 onwards). This change involve replacement of subject (BCSE-002: Business Processes) with (BCSE-005: IT Skills for Business). Syllabus of this subject was also approved.

Annexure-17.6.11 (Pages 42-46)

17.6.12 Minor change in the scheme of B. Tech 3rd semester (Computer Sc. & Engineering, Computer Sc. & Engineering with Specialization in Cloud Technology & Information Security, Computer Sc. & Engineering with Specialization in Data Science) (Batch 2022-2026 onwards). This change involve addition of 1 new subject (HSMC-051: Universal Human Values) with 3 credits. Total credit value for entire semester changed from 24 to 27 and for entire degree changed from 160 to 163. Syllabus of this subject was also approved.

Annexure-17.6.12 (Pages 47-49)

17.6.13 i) As per AICTE issued guidelines and suggestions; CSE department has started following new specializations under B.Tech (CSE) course (For Batch 2022-26 onwards):

a) Full Stack Development b) Big Data and Analytics

ii) Entire Scheme (for 1st to 8th semester) has been approved. Since scheme & syllabus for B.Tech 1st year is common for all branches, so 1st year syllabi for these specializations will be same as used for other engineering branches.

Annexure-17.6.13 (Pages 50-63)

17.6.14 Following Value Added courses along with their syllabus :

Annexure-17.6.14 (Pages 64-66).

Course No.	Course Name	Duration (In Hours)
VA-CSE-01	Digital Marketing	16
VA-CSE-02	Programing Concepts Using Python	16
VA-CSE-03	Essentials of Office Suite	16

17.6.15 List of courses which can be floated as open elective course to students of other engineering branches during session Aug – Dec 2022. These subjects already existed in the CSE scheme. So, no need to approve syllabi for these subjects.

Annexure-17.6.15 (Page 67)

17.6.16 SWAYAM / MOOC courses which can be opted by students (Batch 2019-2023, Batch 2020-2024, Batch 2021-2025 and Batch 2022-2026) under the category of Swayam courses. Also list of approved courses can be expanded. (For Session: July-Nov 2022)

Annexure-17.6.16 (Page 68)

17.6.17 SWAYAM / MOOC courses which can be opted by students (Batch 2019-2023, Batch 2020-2024 and Batch 2021-2025) under the category of Swayam courses. Also list of approved courses can be expanded. (For Session: Jan-May 2022)

Annexure-17.6.17 (Page 69)

17.6.18 Syllabi for departmental subjects of B. Tech. 8th semester (Computer Sc. & Engg) (Batch 2018-2022 only).

Annexure-17.6.18 (Page 70-75).

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

17.6.19 Following changes in the scheme of B. Tech. 6th Semester (Computer Sc. & Engineering) (Batch 2019-2023 only).

Annexure-17.6.19 (Page 76).

		<p>i) Compiler subject is replaced by subject Big Data & Analytics and its credits are changed from 4 to 3 by removing its tutorial.</p> <p>ii) Addition of new practical subject Big Data & Analytics Lab (BCSE-524) with 2 credits.</p> <p>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.</p> <p>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.</p> <p>v) Mooc course / Training course allocation related instructions are updated.</p> <p>vi) Total credits for entire semester changed from 19 to 21.</p> <p>vii) Total marks for entire semester changed from 900 to 1000.</p> <p>17.6.20 Syllabi for departmental subjects of B.Tech. 6th semester (Computer Sc. & Engg) (Batch 2019-2023 only). Annexure-17.6.20 (Pages 77-83).</p> <p>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.</p> <p>ii) As remaining departmental subjects already existed in the scheme of previous batches. So, no need to approve syllabi for these subjects.</p> <p>17.6.21 Minor changes in the scheme of B. Tech 6th semester (Computer Sc. & Engineering with specialization in Data Science) (Batch 2019-2023 only). Also, syllabi for departmental subjects of 6th semester was approved. Annexure-17.6.21 (Pages 84-86)</p> <p>17.6.22 Minor changes in the scheme of B. Tech 6th semester (Computer Sc. & Engineering with specialization in Cloud Technology & Information Security) (Batch 2019-2023 only). Also, syllabi for departmental subjects of 6th semester was approved. Annexure-17.6.22 (Pages 87-92)</p> <p>17.6.23 Syllabi for departmental subjects of B. Tech. 4th semester (Computer Sc. & Engineering, Computer Sc. & Engineering with Specialization in Cloud Technology & Information Security, Computer Sc. & Engineering with Specialization in Data Science) (Batch 2020-2024 only). Annexure-17.6.23 (Pages 100-116)</p> <p>17.6.24 Syllabi for departmental subjects of B. Tech. 3rd and 4th semester (Computer Sc. & Engineering, Computer Sc. & Engineering with Specialization in Cloud Technology & Information Security, Computer Sc. & Engineering with Specialization in Data Science) (Batch 2021-2025 onwards). Annexure-17.6.24 (Pages 117-145)</p> <p>17.6.25 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. Annexure-17.6.25 (Page 146)</p> <p>17.6.26 Vision statement, Mission statement, Program Education Objectives & Program Specific Outcomes of CSE department. Annexure-17.6.26 (Page 147)</p>
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<p>Biotechnology (BOS meeting held on 05-08-2022)</p>	<p>Item No.17.7</p>	<p>17.7.1 Consideration and approval of the introduction of the new scheme of B.Sc. (Hons.) Biotechnology & syllabus of 1st and 2nd semester along with electives (July 2022-onwards) as per the NEP 2020 model scheme. Annexure-17.7.1 (Pages 1-24)</p> <p>17.7.2. To consider and approve the changes in the syllabi of the following courses:BBIO-505 (Genetics) of B.Tech. Biotechnology 3rd semester,BIO-538 (Bioinformatics) of B.Tech. Biotechnology 7th semester, MMIC-502 (Fundamentals of Microbiology) of M.Sc. Microbiology 1st semester, MMIC-518 (Biostatistics and Computers) of M.Sc. Microbiology 3rd semester, BBIT-525 (Bioinformatics) of B.Sc. (Hons.) Biotechnology 5th Semester, MBIO-506 (Biostatistics and Research Methodology) of M.Sc. Biotechnology 1st semester,MBIO-518 (Proteomics and Genomics) M.Sc. Biotechnology 3rd Semester, MBOT-520 (Plant cell, tissue and organ culture) of M.Sc. Botany 3rd Semester. Annexure-17.7.2 (Pages 1-19)</p> <p>17.7.3 To consider the introduction of the following value-added courses: Annexure-17.7.3(Pages1-8)</p> <table border="1" data-bbox="493 658 1481 963"> <thead> <tr> <th>Sr. No.</th> <th>Name of Course</th> <th>Duration</th> <th>Start date of the course</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Entrepreneurship Development and Communication Skills BT-VA-001</td> <td>22 Hrs</td> <td>Offered from August, 2022-onwards</td> </tr> <tr> <td>2</td> <td>Philosophy of Science, Communication, Knowledge & Spirituality BT-VA-002</td> <td>24 Hrs</td> <td>Offered from January, 2023-onwards</td> </tr> <tr> <td>3</td> <td>Floriculture, Land Scaping and Gardening BT-VA-003</td> <td>20 Hrs</td> <td>Offered from January, 2023-onwards</td> </tr> </tbody> </table>	Sr. No.	Name of Course	Duration	Start date of the course	1	Entrepreneurship Development and Communication Skills BT-VA-001	22 Hrs	Offered from August, 2022-onwards	2	Philosophy of Science, Communication, Knowledge & Spirituality BT-VA-002	24 Hrs	Offered from January, 2023-onwards	3	Floriculture, Land Scaping and Gardening BT-VA-003	20 Hrs	Offered from January, 2023-onwards
Sr. No.	Name of Course	Duration	Start date of the course															
1	Entrepreneurship Development and Communication Skills BT-VA-001	22 Hrs	Offered from August, 2022-onwards															
2	Philosophy of Science, Communication, Knowledge & Spirituality BT-VA-002	24 Hrs	Offered from January, 2023-onwards															
3	Floriculture, Land Scaping and Gardening BT-VA-003	20 Hrs	Offered from January, 2023-onwards															
<p>Mechanical Engg. (BOS meeting held on 06-08-2022)</p>	<p>Item No.17.8</p>	<p>17.8.1 To consider & approve the syllabi of ‘Human Values HSMC-051’ (For batch 2020-24 onwards in 6th Semester) Annexure -17.8.1 (Pages 1-3)</p> <p>17.8.2 To consider & approve the list of Swayam Course. Annexure -17.8.2 (Pages 1-1)</p> <p>17.8.3 To consider & approve the list of Value Added Course Annexure -17.8.3 (Pages 1-1)</p>																
<p>MCA/BCA (BOS meeting held on 30.06.21)</p>	<p>Item No.17.9</p>	<p>17.9.1 The new syllabi of BCA-3rd year (5thSem. & 6thSem.) under Choice Based Credit Scheme (CBCS) for the batch 2020-23 w.e.f the session 2022-23 (Post Facto Approval). Annexure-17.9.1 (Pages 1-23)</p> <p>17.9.2 The new scheme of BCA (NEP-2020) under Choice Based Credit Scheme (CBCS) from batch 2022-25 onwards w.e.f the session 2022-23. Annexure-17.9.2 (Pages 1-5)</p> <p>17.9.3 The new syllabi of BCA-1st year (1st Sem. & 2nd Sem.) [NEP-2020] under Choice Based Credit Scheme (CBCS) from batch 2022-25 onwards w.e.f the session 2022-23. Annexure-17.9.3 (Pages 1-19)</p> <p>17.9.4 The scheme of BCA with specialization in Artificial Intelligence and Machine Learning (NEP-2020) under Choice Based Credit Scheme (CBCS) from batch 2022-25 onwards w.e.f the session 2022-23. Annexure-17.9.4 (Pages 1-4)</p> <p>17.9.5 The scheme of BCA with specialization in Data Science [NEP-2020] under Choice Based Credit Scheme (CBCS) from batch 2022-25 onwards w.e.f the session 2022-23. Annexure-17.9.5 (Pages 1-4)</p> <p>17.9.6 The scheme & syllabi of B.Sc Programming & Data Science-1stSem. [NEP-2020] under Choice Based Credit Scheme (CBCS) from batch 2022-25 onwards w.e.f the session 2022-23. Annexure-17.9.6 (Pages 1-11)</p> <p>17.9.7 The scheme & syllabi of B.Sc Animation, VFX & Gaming-1stSem. [NEP-2020] under Choice Based Credit Scheme (CBCS) from batch 2022-25 onwards w.e.f the session 2022-23. Annexure-17.9.7 (Pages 1-11)</p> <p>17.9.8 The minor changes in the scheme of MCA under Choice Based Credit Scheme (CBCS) from batch 2022-24 onwards w.e.f the session 2022-23. Annexure-17.9.8 (Pages 1-3)</p>																

		<p>17.9.9 The syllabi of Bridge Course-MCA-B202: Fundamentals of Mathematics from batch 2022-24 onwards w.e.f the session 2022-23. Annexure-17.9.9 (Pages 1-2)</p> <p>17.9.10 The syllabi of the value added course VA-MCA-101: Machine Learning with Python w.e.f the session 2022-23. Annexure-17.9.10 (Pages 1)</p> <p>17.9.11 The list of MOOC subjects for BCA & MCA students for the session 2022-23 (Odd Semester) under the category of SWAYAM Courses. Annexure-17.9.11 (Pages 1-2)</p>
<p>Physics (BOS meeting held on 09-08-2022)</p>	<p>Item No. 17.10</p>	<p>17.10.1 Inclusion of Dissertation in the Scheme of B.Sc Physics w.e.f. 2022 onwards. Annexure-17.10.1 (Pages 1-4)</p> <p>17.10.2 Approval of value added courses (16 Hours each)</p> <p>(i) Basic Instrumentation Skills</p> <p>(ii) Radiation and Safety</p> <p>(iii) Introduction to Various Characterization Techniques</p> <p>(iv) Mathematical Foundation for Physics Annexure-17.10.2 (Page 1-5)</p> <p>17.10.3 (i) To Approve the scheme of B.Sc. (Hons.) Physics, from 1st to 8th semester as per NEP-2020. w.e.f. the session 2022-23</p> <p>(ii) To Approve the syllabi of B.Sc. (Hons.) Physics 1st and 2nd semester as per NEP-2020 w.e.f. the session 2022-23. Annexure 17.10.3 (page 1- 26)</p>
<p>Chemistry (BOS meeting held on 13-07-2022)</p>	<p>Item No. 17.11</p>	<p>17.11.1 (i) To Approve the scheme of B.Sc. (Hons.) Chemistry, B.Sc. (Medical/Non.Medical) from 1st to 8th semester as per NEP-2020. w.e.f. the session 2022-23.</p> <p>(ii) To Approve the syllabi of B.Sc. (Hons.) Chemistry, B.Sc. (Medical/Non.Medical) 1st and 2nd semester as per NEP-2020 w.e.f. the session 2022-23. Annexure 17.11.1 (page 1- 112)</p>
<p>Mathematics (BOS meeting held on 18.07.22)</p>	<p>Item No. 17.12</p>	<p>17.12.1 To Approve the scheme of B.Sc. (Hons.) Mathematics 1st to 8th semester as per NEP-2020. w.e.f. the session 2022-23. Annexure (17.12.1 page 1-4)</p> <p>17.12.2 To Approve the syllabi of B.Sc. (Hons.) Mathematics 1st and 2nd semester as per NEP-2020 w.e.f. the session 2022-23. Annexure (17.12.2 page 5-25)</p> <p>17.12.3 To Approve the modification in the scheme and Syllabi of M.Sc. Mathematics 1st to 4th semester w.e.f. the session 2022-23. Annexure (17.12.3 page 26-74)</p> <p>17.12.4 To Approve the scheme and syllabi of M.Sc. Mathematics 1st to 4th Semester [online (OL) Mode]w.e.f. the session 2022-23. Annexure (17.12.4 page 75-123)</p> <p>17.12.5 To Approve the syllabus of Value Added Course on Vedic Mathematics (MAT-601) open for all the students of this university w.e.f. the session 2022-23. Annexure (17.12.5 page 124-125)</p>
<p>Humanities Dept. (BOS meeting held on 18.07.22)</p>	<p>Item No. 17.13</p>	<p>17.13.1 To Approve minor modification in the syllabi of B.Tech. I/II semester of English (BHUM-001) w.e.f. the session 2022-23. Annexure (17.13.1 page 1)</p> <p>17.13.2 To Approve the syllabus of Hindi BHUM-013 1st /2nd semester as per NEP-2020 of the students of the technical colleges w.e.f. the session 2022-23. Annexure (17.13.2 page 2)</p> <p>17.13.3 To Approve the syllabi of English (BHUM-011) and English Lab (BHUM-012) 1st /2nd semester as per NEP-2020 of the students of the technical colleges w.e.f. the session 2022-23. Annexure (17.13.3 page 3-4)</p>

RESOLVED THAT THE RECOMMENDATIONS OF THE FACULTY OF ENGG. & TECH. BE APPROVED AS ABOVE.

16. **Considered** the recommendations of the Faculty of Dental Sciences made in its meeting held on 15-10-2022 in approving the Syllabi and Scheme of Examinations of various courses in Dental Sciences as per **Annexure - V , Pages: 31-33**, as under:

Faculty Res. No.	Brief Contents
4	<p>(Board of Studies in Dental Sciences Res. No. 2 dated 10-10-2022)</p> <ul style="list-style-type: none"> ● The existing Syllabus & Scheme of Examination for BDS 1st, 2nd, 3rd, 4th year for the Session 2023-24 may be continued as per DCI Regulations. <p>(Board of Studies in Dental Sciences Res. No. 3 dated 10-10-2022)</p> <ul style="list-style-type: none"> ● The existing Syllabus & Scheme of Examinations for MDS for the Session 2023-24 may be continued as per Dental Council of India notifications 26th August, 2019. <p>(Board of Studies in Dental Sciences Res. No. 4 dated 10-10-2022)</p> <ul style="list-style-type: none"> ● Syllabus for Ph.D elective Subjects in Orthodontics & Dentofacial Orthopaedics, Periodontology, Oral & Maxillofacial Surgery, Oral Medicine & Radiology, Oral Pathology & Microbiology for the session 2022-23 (<u>Annexure - VI, Pages: 34-53</u>) & the existing syllabus of Ph.D elective subject in Public Health Dentistry, Paediatric & Preventive Dentistry, Prosthodontics and Crown & Bridge, Conservative Dentistry may be continued for the session 2023-24. <p>(Board of Studies in Dental Sciences Res. No. 6 dated 10-10-2022)</p> <ul style="list-style-type: none"> ● The existing Syllabus & Ordinance for Dental Hygienist course for the session 2023-24 may be continued as per DCI Regulations. <p>(Board of Studies in Dental Sciences Res. No. 10 dated 10-10-2022)</p> <ul style="list-style-type: none"> ● The value added course in the department of Periodontology, Orthodontics and Public Health Dentistry may be continued for the session 2023-24.

RESOLVED THAT THE RECOMMENDATIONS OF THE FACULTY OF DENTAL SCIENCES BE APPROVED AS ABOVE.

17. **Considered** the recommendations of the **Faculty of Law** made in its meeting held on **01-10-2022** (**Annexure - VI, Pages: 54-55**).

Faculty Res. No.	Brief Contents
14.2	(Board of Studies in Law Res. No. 3 dated 30-08-2022) <ul style="list-style-type: none">• Syllabi of Competitive Exam Training (VAC-CET-01); Legal Aid, RTI & PIL (VAT-LA-02) and Bhagwat Geeta and Universal Human Values (VAC-BGU-03) as Value Added Courses w.e.f 2022-23,

RESOLVED THAT THE RECOMMENDATIONS OF THE FACULTY OF LAW BE APPROVED AS ABOVE.

18. **Considered** the action taken by Vice-Chancellor in anticipation of approval of Academic Council regarding amendment to Clause 7 relating to Punishment for Use of Unfair Means as under:-

Offences	Existing Punishment	Proposed Punishment
3(a) if the paper, note, etc. has not been made use of 3(b), (c), (d), (f), (g)	1. Cancellation of paper OR 2. Disqualification from: (i) passing in the concerned paper/subject and from appearing in this examination before the next annual examination and OR (ii) appearing at any other examination till.....after the next annual examination	Cancellation of the concerned paper/subject
3(a) if the paper, note, etc. has been made use of 3 (e), (h), (i), (j), (iii), (vi)	Disqualification from passing in the concerned examination in full and from appearing in the next one or more examinations.	1. Cancellation of the concerned paper/subject if this is his/her first offence. 2. In case he/she has been caught 2 nd time, then disqualification from passing in the concerned examination in full.
3 (j), (i), (ii), (iv), (v), (k)	Disqualification from passing in the concerned examination in full and from appearing in the next two or more examination	Disqualification from: (i) passing in the concerned examination in full; and/or (ii) from appearing in the next examination.

Note:- The above amendments will be applicable from 30.07.2022..

RESOLVED THAT AMENDMENT TO CLAUSE 7 BE APPROVED AS ABOVE AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

19. **Considered** the action taken by the Vice-Chancellor in anticipation of approval of Academic Council/Board of Management for amendment in the duration of the following courses being run in MM Institute of Medical Sciences & Research for the academic session 2019-20 only.

Sr. No.	Name of Course	Existing Duration of the course including Internship 2019-20	Proposed duration of Internship 2019-20
1.	B.Sc. (MLT)	Duration 3 years 6 months	The students will have internship for six months. However such students who wants to have advanced Practical Training, they can undergo internship for one year.
2.	B.Sc. (OTT)		
3.	B.Sc. (RIT)		
4.	B.Sc. (CVT)		

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

20. **Considered** the action taken by the Hon'ble Vice-Chancellor, in anticipation of approval of the Academic Council, in approving the following panels of Paper-Setters/Examiners (Theory/Practical) duly recommended by the respective Board of Studies, for the Session 2021-2022 as under:-

1	<p><u>Department of ECE</u> B.Tech. 3rd to 8th Semesters M.Tech. 1st to 3rd Semesters Ph.D Course Work (BOS Res No. 9 & 10 dated 25.6.2021)</p>
2	<p><u>Department of CSE</u> B.Tech. 1st to 8th Semesters B.Tech with Specialization in Data Science 1st to 6th Semesters B.Tech with Specialization in Cloud Technology & Information Security 1st to 6th Sem. B.Tech With Specialization in Software Development 1st, 5th & 6th to 8th Sem. Open Elective subject to Floated by CSE Deptt. M.Tech. 1st to 3rd Semesters Ph.D. (Course Work) (BOS Res. No. 2 ,Dated 21-06-2021& BOS Res.No. 2 ,Dated 28-10-2021)</p>
3	<p><u>Department of EE</u> B.Tech. 1st to 8th Semesters (BOS Res. No. 6 Dated 18-06-2021)</p>
4	<p><u>Department of ME</u> B.Tech. 1st to 8th Semesters M.Tech. 1st to 3rd Semester Ph.D. (Course Work) B.Tech 3rd, 5th & 7th Semester (for Nov/Dec.2022 Exam) M.Tech 1st Semester Ph.D (Course Work) (BOS Res. Nos. 5 to 7 Dated 25-06-2021 & BOS Res.No. 1 to 5 dated 6-4-2022)</p>
5	<p><u>Department of CE</u> B.Tech. 1st to 8th Semesters B.Tech Open Elective M.Tech. 1st to 3rd Semesters M.Tech Open Elective ES-101(Environmental Study/Environmental Education/Environmental Science) (1st & 2nd Semester) Ph.D. (Course Work) (BOS Res. Nos. 1 to 7 and 14 Dated 22/6/2021)</p>
6	<p><u>Department of Biotechnology</u> B.Tech.1st & 3rd to 8th Semesters B.Sc. Biotech. (H) 1st to 6th Semesters B.Sc. Medical 1st to 6th Semesters M.Sc Biotechnology 1st to 4th Semesters M.Sc Botany 1st to 4th Semesters M.Sc Microbiology 1st to 4th Semesters BBIO-EL-004 of B.Sc. Chemistry (Hons.)4th Semester Ph.D Course work (BOS Agenda 3, dated 11-06-2021) & (BOS Agenda No. 1 dated 11-02-2021)</p>
7	<p><u>Department of Mathematics/Humanities</u> Ph.D (Mathematics, English) Course Work M.Sc (Mathematics) 1st to 4th Semesters B.Sc (Non-Medical/Honour's Mathematics) 1st to 6th Semesters B.Sc (Non-Medical/Medical- 1st Semesters) (Humanities) B.Sc Honour's (Chemistry/Physics, Physics Honors (Mathematics 1st to 4th Semesters & Humanities) 1st Semesters</p>

	<p>B.Tech(All Branches except Bio-tech) 1st to 3rd Semesters (Maths) B.Tech (Bio-tech only) 1st to 2nd Semesters (Maths) & B.Sc. Bio-tech. Ist Sem. (English)</p> <p style="text-align: right;">(BOS Res No. 8 Dated 28-6-2021)</p>
8	<p><u>Department of Physics</u> B.Sc (Hon's) 1st to 6th Semesters B.Sc (Non-Medical) Ist to 6th Semesters B.Tech 1st & 2nd Semesters M.Sc 1st to 4th Semesters Ph.D Course work</p> <p style="text-align: right;">(BOS Res No. 3 Dated 23-6-21)</p>
9	<p><u>Department of Chemistry</u> B.Sc Honors 1st to 6th Semesters B.Sc Med./Non-Medical /Honours(Old & New Scheme) 1st to 6th Semesters M.Sc 1st to 4th Semesters</p> <p style="text-align: right;">(BOS Res No. 3 Dated 09-06-2021)</p>
10	<p><u>Department of Agriculture</u> B.Sc (Hon's) Agriculture 1st to 4th Semesters M.Sc (Hon's) Agriculture In Agronomy & Entomology 1st to 3rd Semesters</p> <p style="text-align: right;">(BOS Res No. 5 Dated 17-04-21)</p>
11	<p><u>MMICT&BM</u> BCA 1st, 3rd, 5th Semesters MCA 1st, 3rd, 5th Semesters BCA 2nd, 4th, 6th Semesters MCA 2nd, 4th Semesters Ph.D. (Coursework Examinations)</p> <p style="text-align: right;">(BOS Res No. 6 & 7 Dated 30.6.2021) (BOS Res No. 2 & 3 Dated 29/11/2021)</p>
12	<p><u>Department of Law</u> BA.LL.B.(5 year) 1st to 10th Semesters. B.Com.LL.B.(Honours)(5 year) 1st to 10th Semesters. BBA. LL.B.(Honours)(5 year) 1st to 10th Semesters. LLM. Ist & 2nd Sem.</p> <p style="text-align: right;">(Board of Studies Res. No.03 dated 26.07.2021)</p>
13	<p><u>Department of MBA</u> BBA 1st, 3rd, 5th Semesters B.COM 1st, 3rd, 5th Semesters DBM 1st Semesters MBA 1st, 3rd Semesters BBA 2nd, 4th, 6th Semesters B.COM 2nd, 4th, 6th Semesters DBM 2nd, 4th, 6th Semesters MBA 2nd, 4th Semesters</p> <p style="text-align: right;">(BOS Annexure No.3.01 to 3.04 Dated 27.08.2021)</p>
14	<p><u>Department of Hotel Management</u> BHM & CT/BSc. HHA Ist Sem., 2nd Sem. BSc. HHA 4th Sem. BHM & CT 3rd, 5th, 6th Sem., 7th Semesters /HCM 5th Sem DFP (Food Production), Dip. In Bakery & Confectionary, Dip. Airlines & Hospitality Management 1st & 2nd Semesters MDN 1st, 2nd & 3rd Semesters BFS 1st Semester BFS (Food Technology) 3rd & 5th Semesters, 2nd, 4th & 6th Sem. BFS (Nutrition & Dietetics) 3rd & 5th Semesters, 2nd, 4th & 6th Sem BHM & CT-6th Semester B.Sc HHA-4th Semester BFS (DN)-4th Semester BFS (FT)-4th Semester</p> <p style="text-align: right;">(BOS Res No. 6 to 09 Dated 22.07.2021)</p>

15	<p><u>Department of Pharmacy(Theory/Practical)</u> B.Pharma 1st to 8th Semesters M.Pharma 1st & 2nd Semesters Pharma D. Ist to 5th Years Ph.D(Course Work) (BOS Res No.1 & 2 Dated 17.04.2021)</p>
16	<p><u>MMCDSR</u> MDS First Year & Final Year MDS (Thesis Evaluation) BDS 1st to 4th Years Dental Hygienist 1st & 2nd Years (BOS Res No.6 to Dated 09-02-2022)</p>
17	<p><u>MMMSR</u> MBBS. 1st,2nd & 3rd (Part I & Part-II) (BOS Res No.1 Dated 25-09-2021) MD/MS (BOS Res No.2 Dated 01-10-2021)</p> <p><u>MMMSR</u> M. Sc. Medical 1st to 3rd Year M. Sc Anaesthesia & OTT 1st & 2nd Year M. Sc Radio Imaging Technology 1st to 2nd Year M. Sc MLT 1st Year and 2nd Year (BOS Res No. 1 & 2 Dated 20.04.2022)</p> <p>B. Sc 2nd and 4th Semester (MLT, OTT, RIT, CVT, Dialysis) B. Optometry /BASLP 2nd ,4th & 6th DMLT/DCMA 1st to 3rd year B. Sc 3rd year (MLT, OTT, RIT, CVT & Dialysis) B. Optometry 3rd Year B. Sc. Radio-therapy 1st to 2nd Year (Board of Studies Res. No. 1 & 2 dated 20.4.2022)</p> <p>B. Sc 1st & 3rd Semester (MLT,OTT,CVT, Dialysis, RIT) B. Optometry 1st & 3rd Semester BASLP 1st, 3rd & 5th Semester. (Board of Studies Res. No. 2 dated 25.09.2021)</p>
18	<p><u>MMIPR</u> BPT 1st & 4th Semesters BPT 3rd to 4th Years MPT 1st to 4th Semesters Ph. D(Course Course) Dissertation Evaluator (BOS Res No. 5&7 Dated 20-07-2021)</p>
19	<p><u>MMCN</u> B.Sc. Nursing 1st to 2nd Semester, B.Sc. Nursing 1st to 4th Years Post Basic B.Sc. Nursing 1st to 2nd Years M.Sc. Nursing 1 & 2nd Years Ph.D(Course Work) (BOS Res No.1 to 2 Dated 08-12-2021)</p>

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

21. **Considered** that 15% Supernumerary seats over and above the 'Approved Intake' in B.Tech. Computer Science & Engg. course be created in MM Engg. College, Mullana-Ambala for students of Foreign Nationals (FN)/Overseas Citizen of India (OCI)/Children of Indian Workers in Gulf Countries w.e.f. the academic session 2023-24.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

22. **Considered** the following recommendations of the Faculty of Management made in its meeting held on 03-11-2022 in revising/prescribing the Syllabi & Schemes of Examinations of various courses of MM Institute of Management and MMICT&BM (Hotel Management) as recommended by the concerned Board of Studies as per **Annexure - VIII, Pages: 57-59.**

Faculty Res. No.	Brief Contents
02	<p>(Board of Studies in Management Res. No. 2 dated 09-08-2022) The Scheme of Examination & Syllabi of BBA, B.Com., and MBA implemented w.e.f the academic session 2022-23 as per NEP-2020.</p>
03	<p>(Board of Studies in Management Res. No. 6 dated 09-08-2022) The revised Scheme and Syllabus of examinations of Ph.D Course Work (Management) from the academic session 2022-23 <u>(Annexure - IX, Pages: 60-64).</u></p> <ul style="list-style-type: none"> • MP-01 : Research Methodology • MP-05 : Media Writing and Production • MP-05A : Financial Management • MP-05B : Human Resource Management • MP-05C : Marketing Management
04	<p>(Board of Studies in Management Res. No. 7 dated 09-08-2022) The Scheme of Examination and Syllabi of BBA, B.Com., and MBA through online mode from the academic session 2022-23.</p>
05	<p>(Board of Studies in Management Res. No. 8 dated 09-08-2022) Introduction of 'Research Project' as optional course in place of any course of specialized area opted by the students (2021-23 batch) in the fourth semester of MBA programme to be implemented from the academic session 2022-23.</p>
06	<p>(Board of Studies in Management Res. No. 11 (ii) dated 09-08-2022) The Syllabus of "Personality Development" as value added course for B.Com/BBA students.</p>
07	<p>(Board of Studies in Hotel Management Res. No. 09 dated 28-07-2022) Introduction of course of Foreign Language Skills (Spanish/German) for BHM&CT and B.Sc. Hospitality & Hotel Administration (HHA) and "Advanced Psychological Interview Skills" as value added course for all courses.</p>
08	<p>(Board of Studies in Hotel Management Res. No. 01 dated 28-07-2022) The Scheme of Examination and Syllabi of B.Sc. (Hospitality & Hotel Administration) and B.Sc. Food Science with specialization in Food Science and Technology and B.Sc. Food Science with specialization in Nutrition and Dietetics w.e.f the academic year 2022-23 as per NEP-2020.</p>
09	<p>(Board of Studies in Hotel Management Res. No. 02 dated 28-07-2022) The modifications in the Syllabi of BHM&CT for the batch 2022-26 onwards.</p>

RESOLVED THAT THE RECOMMENDATIONS OF THE FACULTY OF MANAGEMENT BE APPROVED AS ABOVE.

23. **Considered** the following recommendations of Faculty of Nursing made in its meeting held on 14-10-2022, as per Annexure- X, Pages: 65-66.

Faculty Res. No.	Brief Contents
4	(Board of Studies in Nursing Res. No. 4 dated 14-10-2022.) The Syllabus for B.Sc. Nursing (III, IV year & 1 st to 4 th Semester), Post Basic B.Sc. Nursing (I,II), M.Sc. Nursing (I,II) and Ph.D Nursing Course Work for 2022-23 session and recommended that the syllabi of these courses will be the same as of the Syllabus for the session 2021-22.
6 (c)	(Board of Studies in Nursing Res. No. 6 (c) dated 14-10-2022.) The INC circular regarding Module on Yoga for Nursing students notification No. 10 of 2022 resolution No.F.No1-6/PBD-Ayur/2022-INC dated 13 June 2022.
6 (d)	(Board of Studies in Nursing Res. No. 6 (d) dated 14-10-2022.) Value added course on 'Life Skills' for B.Sc., PBBSc., & M.Sc. Nursing programme and 'Art of dinning and cooking' for B.Sc. Nursing programme will be conducted in Academic Session 2022-23 onward. Syllabus of these courses considered and approved.
6 (e)	(Board of Studies in Nursing Res. No. 6 (e) dated 14-10-2022.) Elective modules viz on human values/Diabetes Care/soft skills will be provided to B.Sc. Nursing students in 3 rd & 4 th Semester.

RESOLVED THAT THE RECOMMENDATIONS OF THE FACULTY OF DENTAL SCIENCES BE APPROVED AS ABOVE.

24. **Considered** the request of the Head, Department of Biotechnology and recommendations of the Director, MM Engg. College Annexure - XI, Page - 67 for renaming the **Department of Biotechnology** as **Department of Bio-sciences and Technology.**

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

25. **Considered** the recommendations of the Faculty of Medical Sciences made in its meeting held on 30-09-2022 for approval of Ordinances-cum-Syllabi/Scheme of Examination for the new/existing Postgraduate/Undergraduate Medical course, effective from the **Academic Session 2022-23**, as per **Annexure - XII, Pages: 68**, as under:

Faculty Res. No.	Brief Contents
2	<p>(PG Board of Studies in Res. No. 5 dated 27-09-2022). The Syllabus, Schemes of examination & Ordinance of course M.Sc. Clinical Embryology introduced w.e.f. session 2022-23.</p>
5	<p>(Board of Studies in Physiotherapy Res. No. 4 dated 13-09-2022) The courses offered by SWAYAM and NPTEL for BPT and MPT students during the academic session 2022-23.</p> <p>(Board of Studies in Physiotherapy Res. No. 6 dated 13-09-2022) The change in the nomenclature of Electrotherapy II to Electrotherapy in scheme and syllabus of BPT 4th semester which was the typographical error.</p> <p>(Board of Studies in Physiotherapy Res. No. 7 dated 13-09-2022) The Value added subject entitled “Ergonomics at Workplace” and its brochure, syllabus and evaluation process for UG and PG students during the session 2022-23.</p> <p>(Board of Studies in Physiotherapy Res. No. 8 dated 13-09-2022) Minor revisions in Syllabus of Ph.D Course Work of Innovative Practices in Physiotherapy (Sports) - MP-05(C) and Innovative Practices in Physiotherapy (Cardiopulmonary) - MP-05(E) <u>(Annexure - XIII, Pages: 69-70)</u>. The modification in Elective subject – Pain Management EL-101 offered in MPT 2nd Semester.</p> <p>(Board of Studies in Physiotherapy Res. No. 10 dated 13-09-2022) The change in nomenclature of MPT (Cardiopulmonary Disease) to MPT (Cardiothoracic and Pulmonary Disorders) and MPT 4th Semester (Sports) – change of subject name from “Physiotherapy Management in Sports Injuries Disorders” to “Physiotherapy Management in Sports Injuries” (MS-402) and MPT 4th Semester (Cardiopulmonary) – change of code of Elective subject from “EL-401/402” to “EL-201/202” in Syllabus and Scheme of examination.</p> <p>(Board of Studies in Physiotherapy Res. No. 11 dated 13-09-2022) The change in Scheme of Examination of MPT program where the Audit course – Skill Acquisition and Refinement alongwith Dissertation has been revised.</p>

RESOLVED THAT THE RECOMMENDATIONS OF FACULTY OF MEDICAL SCIENCES BE APPROVED AS ABOVE.

26. **Considered** the Annual Report of the Examination Branch for the session 2021-22 for submission of the same to the NAAC.

RESOLVED THAT THE ANNUAL REPORT OF EXAMINATION BRANCH FOR THE SESSION 2021-22 BE APPROVED AS ABOVE AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

27. **Considered** the recommendations of the respective Boards of Studies/IEC/IAEC regarding approval of topics and appointment of Supervisor(s) of the following Research Scholars of different Departments/Institutes as indicated against each:-

Sr. No.	Name of the Research Scholar	Department/ Institute	Topic	Name of Supervisor/ Co-Supervisor	Date of Approval of BOS/IEC/ IAEC
1	GEETA SAROHA	Pharmacy	PHARMACOTHERAPEUTIC MANAGEMENT IN HIGH RISK PREGNANT PATIENTS DURING ANTENATAL AND POSTPARTUM PERIOD	Dr. Parminder Nain	20.08.2022 IEC 13.10.2021
2	KASHISH WILSON	--do--	Development and Evaluation of Phospholipid Complex based Gel of Anti-Psoriatic Drug(s)	Dr. Meenakshi Dhanawat	20.08.2022 IEC 06.01.2023
3	MANISH KAUSHIK	--do--	Pharmacological Evaluation of Cyamopsis tetragonoloba and Ficus elastica in Diabetic Complication	Dr. Akash Jain	20.08.2022 IEC 24.10.2022
4	AMIT YADAV	--do--	Evaluation of Cognition and Anti-Alzheimer's Activity of C.sativush L., P. granatum L., Rheum spp.L and T.chebulah Herbal Extract on Rats	Dr. Manish Kumar	29.06.2020 IAEC 04.09.2020
5	SONIA KAMBOJ	--do--	Synthesis and Biological Evaluation of New Chromane and Its Analogues	Dr. Jasmine Chaudhary	29.06.2020 IAEC 24.02.2022
6	ARPNEEK KAUR	CSE	Towards Improving Dynamic Hand Gesture Recognition on Extracted Optimized Key Frames Using Deep Learning	Dr. Sandhya Bansal	11.01.2023
7	TAMANNA JAIN	--do--	An Efficient Translatory Model for Jain Mantras and Scriptures using Artificial Intelligence	Dr. Neeraj Raheja	11.01.2023
8	SORABH GUPTA	--do--	A multi-Modality Hybrid Recommender System using Deep Learning Approach	Dr. Amit Kumar Bindal	11.01.2023
9	PREETI	--do--	An Efficient Technique for Deepfake Detection using Cross-Frame Artifacts and Discriminative Features	Dr. Sandhya Bansal	11.01.2023

10	PAYAL CHHABRA	--do--	An Efficient Deep Learning based Approach to Detect Grocery and Currency for Visually Impaired People	Dr. Sonali Goyal	11.01.2023
11	PARMEET KAUR	--do--	Multi Color Space based Multi Channel Prior Model for Image Dehazing	Dr. Sandhya Bansal	11.01.2023
12	NEETIKA GUPTA	--do--	An Optimized Hybrid Featured-based Learning Model for Anti-Spoofing of Face Images	Dr. Amandeep Kaur	11.01.2023
13	SUKHPAL SINGH	Biochemistry	Elucidation of the mechanism of neuroprotective actions of cyclosporine A and a pyrazolone derivative, (CMB087229) in rotenone induced models of Parkinson's disease	Dr. Sasanka Chakrabarti Co-Supervisor Dr. B.K Agrawal, Prof. Dept. of General Medicine & Principal, MMIMS&R	30.08.2022 IAEC 29.07.2022

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

28. **Considered** the revision of Ordinance for Doctorate of Philosophy (Ph.D) on the basis of University Grants Commission (Minimum Standards and Procedures for Award of Ph.D Degree) Regulation, 2022.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED WITH THE MODIFICATION THAT THE PROVISION UNDER CLAUSE 10 (2) OF THE PREVIOUS PH.D. ORDINANCE RELATING TO THE REQUIREMENT OF PUBLICATION AND PRESENTATION OF RESEARCH PAPERS BE ALSO RETAINED.

29. **Considered** the recommendations of Board of Studies regarding approval of modified topic of the following Research Scholars in Mathematics of the Department of Mathematics & Humanities as per details mentioned against each:-

Sr. No.	Name of Research Scholar	Previous Topic	Proposed Topic	Name of Supervisor
1.	Ms. Anchal	Fixed point theorems on soft spaces, fuzzy metric spaces and their generalizations	Extensions of Soft Metric Space and Fixed Point Theorems	Dr. Vishal Gupta
2.	Ms. Sunakshi Kapoor	Study of fixed points on different spaces in relevance to fuzzy metric space	Fixed Points Theorems on Intuitionistic Fuzzy Cone-band Neutrosophic Fuzzy Metric Spaces	Dr. Vishal Gupta
3.	Ms. Anju	Fixed point problems on metric, fuzzy metric and their generalized spaces	Existence of Fixed Points in Generalizations of Metric Spaces	Dr. Vishal Gupta
4.	Mr. Ishit Sehgal	Fixed point Theorems in Fuzzy Metric Space and Related Spaces with Applications	Fixed Point Theorems on Fuzzy Metric Space and Related Spaces with Applications	Dr. Vishal Gupta
5.	Ms. Aarti Saini	Queue Models with Priority	Steady State Analysis of Queue Models with Priority	Dr. A.K. Tripathi
6.	Ms. Vandana Saini	ANALYSIS OF FEEDBACK QUEUES	Analysis of Queues with Feedback on Stochastic and Fuzzy Environment	Dr. A.K. Tripathi
7	Mr. Vikrant Narwal	STUDY ON SINE INFORMATION MEASURE	STUDY ON SINE INFORMATION MEASURES WITH THEIR APPLICATIONS IN DECISION MAKING	Dr. Gurdas Ram

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

30. **Considered** that the MM (DU) has 1326 interdisciplinary courses/subjects at UG and PG level as per Annexure - XV, Pages: 82-121 during the academic session 2021-22.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

31. **Considered** the addition of the following provision in the Ordinance of Bachelor of Technology (B.Tech.) examination.

Existing	Proposed
<p>Notwithstanding anything contained in any other Ordinance with regard to the matters hereunder, the course of study for the Degree of Bachelor of Technology in the faculty of Engineering & Technology and the conditions for admission thereto shall be as under:</p> <p>Clause 1 to 15 xx xx xx</p>	<p style="text-align: center;">NO CHANGE</p> <p>1. The Bachelor of Technology (B.Tech.) courses shall be offered in the following specializations.</p> <ol style="list-style-type: none"> 1. B.Tech Computer Science & Engineering 2. B.Tech Electronics & Communication Engineering 3. B.Tech. Electrical Engineering 4. B.Tech Mechanical Engineering 5. B.Tech. Civil Engineering 6. B.Tech. Biotechnology <p>More specializations may be added with the approval of the Academic Council/Board of Management.</p> <p>NO CHANGE except that it will be re-numbered as 2 to 16 respectively.</p>

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

Considered the action taken by the Vice-Chancellor in anticipation of approval of the Academic Council, in approving the Standard Operating Procedures for Continuous Assessment and End Semester Examination for UG/PG Courses running in Online Mode as per Annexure - XVI, Pages: 122-124.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

Considered the Annual Quality Assurance Report (AQAR) of MM(DU) for the session 2021-22 for submission to NAAC.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

After deliberations on the Agenda items, the Vice-Chancellor conveyed his thanks to the Hon'ble members for the contribution made by them during the course of meeting.


REGISTRAR

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

MINUTES of the meeting of **ACADEMIC COUNCIL** held on **05-05-2023** at **11:30 A.M.** in the Committee Room of the Administrative Block of the Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala.

The following were present:

1.	Dr. H.K Sharma, Vice-Chancellor	...(In the Chair)
2.	Dr. L.C. Gupta, (Former Member, Distance Education Council). H.No. E-45, KU Campus, Kurukshetra.	
3.	Dr. B.K. Agrawal, Dean, Faculty of Medicine and Principal, MMIMS&R	
4.	Dr. (Ms.) Jyoti Sarin, Dean, Faculty of Nursing and Principal, MMCN	
5.	Dr. (Ms.) Bindu Jindal, Professor of Law (representing Dean, Faculty of Law)	
6.	Dr. Sunayna, Dean, Faculty of Management and Director, MMIM	
7.	Dr. Sumeet Gupta, Dean, Faculty of Pharmaceutical Sciences and Principal, MMCP	
8.		
9.	Dr. N.K. Batra, Dean Academic Affairs (T) & HOD, Mech. Engg., MMEC.	
10.	Dr. Kirandeep Kaur, Principal, MMIN	
11.	Dr. Manu Goyal, Principal, MMIP&R.	
12.	Dr. Sumit Mittal, Principal, MMIT&BM(MCA)	
13.	Ms. Rekha Kaushik, Ofg Principal, MMIT&BM(HM)	
14.	Dr. Devi Singh (representing), Co-ordinator, Agriculture	
15.	Dr. Narinder Kaur, HOD of Microbiology, MMIMS&R	
16.	Dr. Jaswir Singh, HOD of Paediatrics, MMIMS&R	
17.	Dr. Anshu Mittal, HOD of Community. Med., MMIMS&R	
18.	Dr. Dinesh Kansal, HOD of Pharmacology, MMIMS&R	
19.	Dr. Ram Nandan Prasad, HOD of Anaesthesia, MMIMS&R	
20.	Dr. K.K. Aggarwal, HOD of Forensic Medicine, MMIMS&R	
21.	Dr. Jai Kishan, HOD of TB & Chest, MMIMS&R	
22.	Dr. M.L. Pandey, HOD of Ophthalmology, MMIMS&R	
23.	Dr. Poonam Bharti, HOD of Psychiatry, MMIMS&R	
24.	Dr. Sasanka Chakrabarti, HOD of Biochemistry, MMIMS&R	
25.	Dr. Vijay Nijhawan, HOD of Pathology, MMIMS&R	
26.	Dr. Atul Mahajan, HOD of General Surgery, MMIMS&R	
27.	Dr. SPS Goraya, (representing HOD of Obs.& Gyn., MMIMS&R)	
28.	Dr. Gini Datta, HOD of ENT, MMIMS&R	
29.	Dr. Vivek Ahuja, HOD of Gastroenterology, MMIMS&R	
30.	Dr. Rajeev Bhardwaj, HOD of Cardiology, MMIMS&R	

31.	Dr. Sandeep Goyal, HOD of Dept. of Comp. Sc. Engg. , MMEC
32.	Dr. Vanita Aggarwal, HOD of Dept. of Civil Engg., MMEC
33.	Dr. Deepak Gupta, HOD of Dept. of Maths. & Hum., MMEC
34.	Dr. Vandana Sharma, HOD of Dept. of Physics, MMEC
35.	Dr. Anil Sharma, HOD of Dept. of Bio-Sciences and Technology, MMEC
36.	Dr. Sandeep Garg, HOD of Prosthodontics, MMCDS&R
37.	Dr. Sushruth Nayak, HOD of Oral Pathology, MMCDS&R
38.	Dr. H.P Suma Sogi, HOD of Pedodontics, MMCDS&R,
39.	Dr. S.K. Sachdeva, HOD of Periodontics, MMCDS&R
40.	Dr. Deepankar Bhatnagar, HOD of Orthodontics, MMCDS&R
41.	Dr. Navneet Kukreja, HOD of Cons. Dentistry, MMCDS&R
42.	Dr. Mansi Jain, Professor of Pedodontics, MMCDS&R
43.	Dr. Mini Bhatnagar Sud, Professor of Gen. Medicine, MMIMS&R
44.	Dr. Ajay Kumar Gupta, Professor of Biotechnology, MMEC
45.	Dr. Satish Kumar, Professor of Mathematics, MMEC
46.	Dr. Mansi Jain, Professor of Pedodontics, MMCDS&R
47.	Dr. Dinesh Kumar Mehta, Professor of MMCP
48.	Dr. Nitin Gupta, (representing Dr. Mohit Singla, Assoc. Prof. Gen, Medicines MMIMS&R)
49.	Dr. Meenu Gupta, Assoc. Professor of Management, MMIM
50.	Dr. Raman Gupta, Controller of Examinations
51.	Prof. Rajinder Kumar, Registrar.

1. **THE VICE-CHANCELLOR EXTENDED A HEARTY WELCOME TO ALL THE HON'BLE MEMBERS OF THE COUNCIL, MORE SPECIALLY TO THE NEW MEMBERS, AND REQUESTED THEM TO CONTRIBUTE IN THE CONSTRUCTIVE DELIBERATIONS OF THE COUNCIL.**

2. **Considered** to confirm of **Minutes** of the last meeting of the Academic Council held on **10-02-2023** and to note the follow up action taken on the decisions of the last meeting.

RESOLVED THAT THE MINUTES OF THE LAST MEETING OF THE ACADEMIC COUNCIL HELD ON 10-02-2023 BE CONFIRMED AND FOLLOW UP ACTION TAKEN ON THE DECISIONS OF THE LAST MEETING BE NOTED.

3. **Considered** the action taken by the Vice-Chancellor in anticipation of approval of Academic Council for making amendments/ additions to clause 7.3 & 12 of the Ordinance of Bachelor of Physiotherapy (BPT), as under

Existing	Proposed amendments
<p>7.3 The candidate is required to obtain Pass Marks in each of the Theory and Practical papers in aggregate of the external and internal assessment/sessionals subject to obtaining atleast 50% marks separately in each paper of external examinations. The internal assessment award of any candidate who fails in one or more papers of any semester examination shall be carried forward to the next examination.</p>	<p>DELETED</p>
<p>12 The minimum number of marks required to pass each examination shall be 50% marks in theory papers and 50% marks in Practical including internal assessment.</p>	<p>12. The minimum pass marks required for any Semester examination shall be:- (i) 50% marks in theory papers subject to obtaining pass marks in each paper of external examination. (ii) 50% marks in Practical including internal assessment.</p>

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE APPROVED AS ABOVE AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

4. **Considered** the addition of clause 10(2) as approved by Board of Management vide Res. No. 12 of its meeting held on 16-02-2023 in the Ordinance of Doctorate of Philosophy Ph.D on the basis of University Grants Commission (Minimum Standard and Procedure for Award of Ph.D Degree), Regulations, 2022, as under:-

EXISTING	Proposed
<p>10. EVALUATION AND ASSESSMENT:</p> <p>(1) Upon satisfactory completion of Course Work and obtaining the marks/grade prescribed in clause (3) of Regulation 7 above, the Ph.D. scholar shall be required to undertake research work and produce a draft dissertation/thesis.</p> <p>Clause 10 (2) to 10(9) xx xx xx</p>	<p style="text-align: center;">NO CHANGE</p> <p>(2) Ph.D. scholars must publish at least one research paper in refereed Journal and make two paper presentations in conferences/seminars before the submission of the thesis for adjudication, and produce evidence for the same in the form of presentation certificates acceptance and/or reprints at the time of requesting for pre-submission alongwith evaluation fee, request for appointment of Examiners alongwith the abstract of nearly 1000 words, No Dues from the University and Completion Certificate duly countersigned by the Supervisor. The Board of Studies will send the approved panel of examiners to the examination branch within a week of pre-submission for further necessary action.</p> <p>Provided that the research scholars will have to submit the Thesis within three months from the date of pre-submission before the Research Advisory Committee or upto the last date of the expiry of the Ph.D. registration period whichever is earlier failing which whole process for pre-submission will have to be initiated afresh De-novo with such additional fee as may be fixed by the University from time to time in case his/her registration period has not yet been over.</p> <p>NO CHANGE except that it will be re-numbered as 10(3) to 10(10) respectively.</p>

RESOLVED THAT THE ADDITION OF CLAUSE 10(2) AS APPROVED BY THE BOARD OF MANAGEMENT VIDE RES. NO. 12 OF ITS MEETING HELD ON 16-02-2023 IN THE ORDINANCE OF DOCTORATE OF PHILOSOPHY (PH.D) BE APPROVED AS ABOVE AND RECOMMENDED TO THE BOARD OF MANAGEMENT.

5. **Considered** the recommendations of the respective Boards of Studies regarding approval of topics and appointment of Supervisor(s) of the following Research Scholars of different Departments/Institutes as indicated against each:-

Sr. No.	Name of the Research Scholar	Department/ Institute	Topic	Name of Supervisor/ Co-Supervisor	Date of Approval of BOS
1	Anmol Gulati	Management	DIGITAL FINANCIAL LITERACY AND ITS IMPACT ON THE FINANCIAL BEHAVIOUR OF PROFESSIONALS	Dr. Sultan Singh	31.03.2023
2.	Chanchal Verma	--do--	IMPACT OF DIVERSITY, EQUITY AND INCLUSION ON ORGANISATIONAL INNOVATION: AN EMPIRICAL STUDY OF INFORMATION TECHNOLOGY(IT) SECTOR	Dr. Vandana Madaan	31.03.2023
3.	Ruhani Sohal	--do--	CUSTOMERS' PERCEPTION TOWARDS NEO BANKING AN EMPIRICAL STUDY	Dr. Nipun Aggarwal	31.03.2023
4.	Ritu	--do--	IMPACT OF FINANCIAL INCLUSION INITIATIVES OF BANKING SECTOR ON WOMEN EMPOWERMENT IN HARYANA	Dr. Anita Tanwar	31.03.2023
5.	Mohit Aggarwal	--do--	TRANSFORMATION OF INDIAN TRADITIONAL BUSINESS FROM RURAL & SEMI-URBAN TO URBAN, BUSINESS LANDSCAPE AMONG THE AGGARWALS OF ERSTWHILE PUNJAB (1870-1947)	Dr. Meenu Gupta	31.03.2023
6.	Sumit Malik	Chemistry	AN EQUIPMENT FREE, PORTABLE, NON-ENZYMATIC PAPER BASED COLORIMETRIC SENSORS: DESIGN, SYNTHESIS, CHARACTERIZATION AND APPLICATIONS	Dr. Joginder Singh	22.03.2023
7.	Vivek Chaudhry	--do--	DESIGN AND DEVELOPMENT OF NOVEL ORGANIC ELECTROLYTES FOR PERFORMANCE ENHANCEMENT IN SUPER CAPACITORS	Dr. Joginder Singh	22.03.2023
8.	Poonam Rani	--do--	Prospective of Heteropolyacid Salts in the form of catalyst	Dr. Nadeem Sharma	22.03.2023
9.	Kajal Saini	--do--	ADSORPTIVE UPTAKE OF HEAVY METAL IONS AND ORGANIC POLLUTANTS FROM INDUSTRIAL WASTE WATER USING FUNCTIONALISED METAL ORGANIC FRAMEWORKS	Dr. Joginder Singh	22.03.2023

10.	Kajal Bhardwaj	--do--	Bio-waste materials mediated synthesis of metallic nanoparticles and their applications	Dr. Arun Kumar Singh	22.03.2023
11.	Sonika	--do--	Design and Synthesis of Chromofluorescent Compounds and their Applications	Dr. Gulshan Kumar	22.03.2023
12.	Sonia Rani	--do--	Dynamic Self-Assembly based Molecular Capsule Formation	Dr. Ashoutosh Sharan Singh	22.03.2023
13.	Ajay	--do--	Synthesis, Characterization and Functional Behaviour of Graphene-based Sensors	Dr. Jyoti Sharma	22.03.2023
14.	Pariksha	--do--	Fabrication of carbon-supported noble metal catalyst: synthesis, characterization, and application for the electro-oxidation of ethanol	Dr. Samarjeet Singh Siwal	22.03.2023
15.	Natasha Kaushal	--do--	Bio-based coatings with special wetting behavior for hydrophobicity and anti-bacterial properties	Dr. Arun Kumar Singh	22.03.2023
16.	Suchi Sharma	--do--	Catalytic application of biodegradable catalyst for esterification and transesterification reaction	Dr. Nadeem Sharma	22.03.2023
17.	Satvinder	--do--	Schiff Base Ligands Derived From Dehydroacetic Acid Analogue: Synthetic And Biological Perspective	Dr. Bhawna Pareek	22.03.2023

RESOLVED THAT TOPIC OF RESEARCH SCHOLAR AT SR. NO. 3 & 5 BE REFERRED BACK TO RESEARCH ADVISORY COMMITTEE FOR RE-EXAMINATION.

RESOLVED FURTHER THAT THE REST OF TOPICS AND APPOINTMENT OF SUPERVISORS BE APPROVED AS ABOVE.

6. **Considered** ex-post-facto approval of the Academic Council in approving the following Prospectus/Information Brochures of the Maharishi Markandeshwar (Deemed to be University) Mullana-Ambala for the Session **2021-22 & 2022-23**:-

1. **Prospectus - (For Under Graduate/Post Graduate courses)**
2. **M.Sc. Nursing.**

RESOLVED THAT THE PROSPECTUS/INFORMATION BROCHURES FOR THE SESSION 2021-22 & 2022-23 BE APPROVED AS ABOVE.

7. **Considered** the modified intake of various courses for the academic session **2022-23** and proposed intake for the academic session **2023-24** as per **Annexure - I, Pages: 1-4.**

RESOLVED THAT THE PROPOSED INTAKE FOR THE ACADEMIC SESSION 2022-23 AND INTAKE FOR THE ACADEMIC SESSION 2023-24 BE APPROVED AS ABOVE.

8. **Considered** the following Prospectus/Information Brochures of the Maharishi Markandeshwar (Deemed to be University) Mullana-Ambala for the Session **2023-24**:

1. **Prospectus - (For Under Graduate/Post Graduate courses)**
2. **M.Sc. Nursing.**

RESOLVED THE PROSPECTUS/INFORMATION BROCHURE FOR THE ACADEMIC SESSION 2023-24 BE APPROVED, AS ABOVE.

9. **Considered** the action taken by the Hon'ble Vice-Chancellor in anticipation of approval of the Academic Council, in approving the following panels of Paper-Setters/Examiners (Theory/Practical) duly recommended by the respective Board of Studies, for the Session 2022-2023, as under:-

1	<p><u>Department of Electronics & Communication Engineering</u> B. Tech 3rd to 8th Semesters M. Tech 1st to 3rd Semesters Ph.D. Course Work</p> <p style="text-align: right;">(BOS Res No. 8 Dated 28-07-2022)</p>	F/1
2	<p><u>Department of Computer Science & Engg.</u> B.Tech.CSE 3rd to 8th Semesters B.Tech CSE with Specialization in Data Science . 3rd to 8th Semesters B.Tech CSE with Specialization in Cloud Technology & Information Security. 3rd to 8th Sem. B.Tech CSE With Specialization in Software Development 7th & 8th Sem. B.Tech (All Branches) Open Elective subject to Floated by CSE Dept. (to other Streams) M. Tech. 1st & 3rd Semesters Ph.D. (Course Work)</p> <p style="text-align: right;">(BOS Res No.2 Dated 22-07-2022) & (BOS Res No. 5(A), (B) Dated 11.01.2023)</p>	F/2
3	<p><u>Department of Electrical Engineering</u> B. Tech 1st to 8th Semesters</p> <p style="text-align: right;">(BOS Res Item No 4 Dated 21-07-2022)</p>	F/3
4	<p><u>Department of ME</u> B.Tech. 2nd, 4th, 6th, 8th Semesters Humanities and Social Science including Management course (Humanities Elective-I&II) Professional Elective Courses-I to IX M.Tech Manufacturing Systems/CAD 2nd Semester Ph.D. (Course Work)</p> <p style="text-align: right;">(BOS Res. No. 1 to 4 dated 6-8-2022)</p>	F/4
5	<p><u>Department of CE</u> B.Tech 3rd to 8th Semesters B.Tech Open Elective(Theory) M.Tech 1st& 3rd Semester(Regular)(Structural Engineering, Environmental Engineering & Transportation Engineering) ES-101 Ph.D. (Course Work)</p> <p style="text-align: right;">(BOS Res No.1, 2, 3,4,7 & 8 Dated 13-07-2022)</p>	F/5
6	<p><u>Department of Biotech</u> B. Tech. Biotech. 1st to 8th Semester B.Sc. Biotech (Hons).1st to 6th Semester. M.Sc. Microbiology 1st to 4th Semester M.Sc. Botany 1st to 4th Semester M.Sc. Biotech. 1st to 4th Semester B.Sc. Medical 3rd to 6th Semester Ph.D. Course Work</p> <p style="text-align: right;">(BOS Res. No. Agenda 07(6) & 8 Dated 05-08-2022)</p>	F/6

7	<p><u>Department of MMIT&BM (MCA)</u> BCA 1st Sem.,3rd Sem.,5th Sem. MCA1st Sem.,3rd Sem. B.Sc. (Animation, VFX & Gaming) Ist Sem. Ph.D Course Work (BOS Res. No. 13 & 14 Dated 25-08-2022)</p> <p>BCA 2nd Sem. 4th Sem. 6th Sem. MCA 2nd Sem. 4th Sem. Ph.D Course Work Project of MCA 4th Sem. Ph.D Course Work (Practical Examiner) (BOS Res. No. 3(i, ii, iii) Dated 09-3-2023)</p>	F/7
8	<p><u>M.M. Institute of Management (MBA)</u> MBA 1st & 3rd Semesters BBA 1st, 3rd & 5th Semesters B.COM 1st, 3rd & 5th Semesters Ph.D.(Course Work) (BOS Agenda No. 4, Annexure-III Dated 9-08-2022)</p> <p>MBA 2nd & 4th Semesters BBA 6th , 4th & 2nd Semesters B.COM(Hons.) 6th , 4th & 2nd Semesters Ph.D.(Course Work) B. Tech. 6th Sem. (CSE) (BOS Agenda No. 2,3 & 11, Dated 31.3.2023)</p>	F/8
9	<p><u>Department of MMIT&HM (Hotel Management)</u> BHM&CT 1st, 2nd, 3rd, 5th, 6th & 7th Semesters B. Sc. HHA 1st , 2nd, 4th & 5th Semesters Dip. in Food Production 1st & 2nd Semesters Dip. in Bakery & Confectionary 1st & 2nd Semesters Dip. in Airlines & Tourism Management 1st & 2nd Semesters BFS(FT) 3rd, 4th & 6th Semesters BFS-1st & 2nd Semesters M. Sc. Dietetics & Nutrition 1st , 2nd & 3rd Semesters (BOS Res No. 5 to 8, Dated 28.07.2022)</p>	F/9
10	<p><u>Department of LAW</u> LL.M. (One Year) Semester –I & II B.A.LL.B. (5 year) Sem. Ist to 10th BBA.LL.B. (H) /B.COM.LL.B.(H) (5 year) Sem. Ist to 8th B. Tech. Sem. (ALL Branches) Open Elective Subjects, taught in Engineering (BOS Res. Item No. 2 Dated 30-8-2022)</p>	F/10
11	<p><u>Department of Humanities</u> Ph.D. (English) Course Work B.Sc. (Honour's) Mathematics/Chemistry/Physics 1st & 2nd Semesters & B. Tech all Semesters (Item No. 5 Dated 1/08/2022)</p>	F/11
12	<p><u>Department of Mathematics</u> Ph.D. (Mathematics) Course Work M.Sc.(Mathematics) 1st to 4th Semesters B.Sc.(Non-Medical) 1st to 6th Semesters B.Sc. (Honour's) Mathematics 1st to 6th Semesters B.Sc. (Honour's) Chemistry/Physics 3rd & 4th Semesters B. Tech. (All Branches except Bio-tech) 1st to 3rd Semesters B. Tech.(Bio-Tech only) 1st & 2nd Semesters (Item Res No.7 Dated 18/07/2022)</p>	F/12
13	<p><u>Department of Agriculture</u> B.Sc. (Hons.) Agriculture 1st to 6th Semesters M.Sc. Agronomy 1st & 2nd Semesters M.Sc. Entomology 1st & 2nd Semesters Ph.D. Agriculture in Agronomy (BOS Res. No. Agenda (1.2) Dated 23-8-2022)</p>	F/13

14	<u>Department of Physics</u> M.Sc. Physics 1 st to 4 th Semester B.Sc. Physics Honors 1 st to 6 th Semester B.Sc. Non-Medical 1 st to 6 th Semester Ph.D. Course Work B.Tech 1 st & 2 nd Semesters (BOS Res. No. 6 Annexure-E Dated 09-08-2022)	F/14
15	<u>Department of Chemistry</u> B. Tech 1 st & 2 nd Semesters DMLT 1 st Year B.Sc. Medical/Non-Medical 1 st to 6 th Semesters B.Sc. Honours with Chemistry 1 st to 6 th Semesters M.Sc. 1 st to 4 th Semesters Ph.D. Course Work (BOS Res No. 3 Dated 13-07-2022)	F/15
16	<u>MMIMSR</u> MBBS 1 st Prof. to 3 rd Prof.(Part-II) B.Sc (MLT/OTT/RIT/CVT/Dialysis.) 1 st 3 rd & 5 th Semester BASLP 1 st , & 5 th Semester . B. Optometry 1 st 3 rd & 5 th Semester. (BOS Res No. 1 & 2 Dated 27.09.2022)	F/16
17	<u>MMCD SR</u> MDS MDS(Dissertation Evaluation) BDS 1 st to 4 th Years Dental Hygienist 1 st to 2 nd Year (BOS Res No. 7,8&9 Dated 10.10.2022)	F/17
18	<u>MMIMS&R</u> MD/MS (BOS Res No. (b) Dated 01/02/2023)	F/18
19	<u>MMCN</u> B. Sc. Nursing 1 st to 4 th Semester B. Sc. Nursing 1 st to 4 th Years Post Basic B. Sc. Nursing 1 st & 2 nd Years M. Sc. Nursing 1 st & 2 nd Years. Ph. D (BOS Res No. 1 2 Dated 14/10/2022)	F/19
20	<u>MMIPR</u> BPT 1 st to 6 th Semester BPT 4 th Year MPT 1 st to 4 th Semester PhD Course Work MPT 4 th Semester (Dissertation Evaluator & Examiners) (BOS Agenda No. 2 & 3 Dated 13-09-2022)	F/20
21	<u>MM College of Pharmacy (Theory /Practical)</u> B. Pharma 1 st to 8 th Semesters Pharma D. 1 st to 5 th years M. Pharma 1 st & 2 nd Semesters Ph.D Course Work (BOS Res No. 1 & 2 Dated 20.08.2022)	F/21

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR IN APPROVING THE ABOVE PANELS OF PAPER-SETTERS/EXAMINERS (THEORY/PRACTICAL) FOR THE SESSION 2022-23 BE APPROVED, AS ABOVE.

10. **Considered** the recommendations of the Faculty of Medical Sciences made in its meeting held on 23-02-2023 in approving the revised Syllabi/Schemes of Examinations of various Postgraduate/Undergraduate courses under the same Faculty, as per **Annexure - II, Pages: 05**, as under:

Faculty Res. No.	Brief Contents																		
iv	<p>(Board of Studies in Physiotherapy Res. No. 1 dated 20-07-2021) Minor Revision in BPT 1st Semester and 2nd Semester syllabus.</p> <p>(Board of Studies in Physiotherapy Res. No. 2 dated 20-07-2021) Approval of Evaluation Policy for the following:-</p> <ul style="list-style-type: none"> • Clinical Observation (Paper code B-110, B-209, B-310) • Clinical Education (Paper code B-408, B-507, B-607, B-705, B-807) • Research Project (Paper code B-805) <p>(Board of Studies in Physiotherapy Res. No. 3 dated 20-07-2021) Removal of Value Added Subjects – Life Savers skill Development Program (Paper code B-109) and Health, Fitness and Wellness (Paper code B-406) from the scheme of BPT first year and BPT final year respectively.</p> <p>(Board of Studies in Physiotherapy Res. No. 4 dated 20-07-2021) Introduction of Value added Subjects:</p> <ul style="list-style-type: none"> • Life Savers Skill Development Program • Health, Fitness and Wellness. • Skill Development in Foot Orthosis. <p>(Board of Studies in Physiotherapy Res. No. 9 dated 20-07-2021) The addition of Basic Aspects of Related Radiology in the Syllabus of Physiotherapy in Musculoskeletal and Sports Conditions (Paper Code B-401), Physiotherapy in Neurological Conditions (Adult and Pediatric) (Paper Code B-402), Physiotherapy in Gynaecology & Obstetrics and Surgical Conditions (Paper Code B-403) and Physiotherapy in Medicine and Cardiothoracic Conditions (Paper Code B-404).</p> <p>(Board of Studies in Physiotherapy Res. No. 5 dated 24-11-2021) Change of nomenclature for MPT degrees; MPT (Musculoskeletal), MPT (Sports), MPT (Neurology), MPT (Paediatrics) and MPT (Cardiopulmonary).</p> <table border="1" data-bbox="400 1599 1522 1984"> <thead> <tr> <th>Existing</th> <th>Proposed</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td>Master in Musculoskeletal Physiotherapy</td> <td>Master in Physiotherapy (Musculoskeletal)</td> <td>MPT (Orthopaedics)</td> </tr> <tr> <td>Masters in Sports Physiotherapy</td> <td>Master in Physiotherapy (Sports)</td> <td>MPT(Sports)</td> </tr> <tr> <td>Master in Neurological Physiotherapy</td> <td>Master in Physiotherapy (Neurological)</td> <td>MPT (Neurology)</td> </tr> <tr> <td>Master in Pediatric Physiotherapy</td> <td>Master in Physiotherapy (Pediatric)</td> <td>MPT (Pediatric)</td> </tr> <tr> <td>Master in Cardiopulmonary Physiotherapy</td> <td>Master in Physiotherapy (Cardiopulmonary)</td> <td>MPT (Cardiopulmonary diseases)</td> </tr> </tbody> </table>	Existing	Proposed	Recommended	Master in Musculoskeletal Physiotherapy	Master in Physiotherapy (Musculoskeletal)	MPT (Orthopaedics)	Masters in Sports Physiotherapy	Master in Physiotherapy (Sports)	MPT(Sports)	Master in Neurological Physiotherapy	Master in Physiotherapy (Neurological)	MPT (Neurology)	Master in Pediatric Physiotherapy	Master in Physiotherapy (Pediatric)	MPT (Pediatric)	Master in Cardiopulmonary Physiotherapy	Master in Physiotherapy (Cardiopulmonary)	MPT (Cardiopulmonary diseases)
Existing	Proposed	Recommended																	
Master in Musculoskeletal Physiotherapy	Master in Physiotherapy (Musculoskeletal)	MPT (Orthopaedics)																	
Masters in Sports Physiotherapy	Master in Physiotherapy (Sports)	MPT(Sports)																	
Master in Neurological Physiotherapy	Master in Physiotherapy (Neurological)	MPT (Neurology)																	
Master in Pediatric Physiotherapy	Master in Physiotherapy (Pediatric)	MPT (Pediatric)																	
Master in Cardiopulmonary Physiotherapy	Master in Physiotherapy (Cardiopulmonary)	MPT (Cardiopulmonary diseases)																	

RESOLVED THAT THE RECOMMENDATIONS OF FACULTY OF MEDICAL SCIENCES BE APPROVED AS ABOVE EXCEPT THE CHANGE OF NOMENCLATURE OF MASTER IN CARDIOPULMONARY PHYSIOTHERPY.

After deliberations on the Agenda, the Vice-Chancellor advised all the Deans/Directors/HODs to ensure the implementation of various recommendations of NEP-2020 and requested them to send a **status report** of the same **within a fortnight**.

He further conveyed his thanks to the Hon'ble members for the contribution made by them during the course of the meeting.


REGISTRAR


MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
MULLANA-AMBALA, 133-207 (HARYANA)
(Established under Section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade 'A++')

MINUTES of the meeting of the **Board of Management** held on **16-02-2023** at **11:30 A.M** in the **Committee Room** of the **Administrative Block** of the MM (DU).

-:-

The following were present:-

1.	Dr. H.K. Sharma, Vice-Chancellor	(In the Chair)
2.	Dr. Vishal Garg, H.No.45, Model Town, Ambala City.	
3.	Dr. Meenakshi Garg 55, Model Town, Ambala City	
4.	Dr. M.L. Ranga, (former Vice-Chancellor, KUK & GJUS&T, Hisar) H. No. 841, Sector - 5, Urban Estate, Kurukshetra.	
5.	Dr. S.D. Sharma (former Vice-Chancellor, HP University) 74/7, Urban Estate, Karnal	
6.	Dr. L. C. Gupta, (former Member, Distance Education Council) H.No. E - 45, University Campus, Kurukshetra.	
7.	Dr. Anil Jain, President, Vaiseshika Electronic Devices, 38, Industrial Estate, Ambala Cantt	
8.	Dr. Sunayana Dean, Faculty of Management	
9.	Dr. B.K. Aggarwal, Professor, MM Instiute of Medical Sciences & Reserach	
10.	Dr. Dhanesh Garg Assoc. Professor, MM College of Nursing	
11.	Prof. Rajinder Kumar, Registrar	...Secretary

1. **BEFORE TAKING UP THE AGENDA OF THE MEETING, THE VICE-CHANCELLOR ON BEHALF OF THE CHANCELLOR AND ON HIS OWN BEHALF EXTENDED A HEARTY WELCOME TO ALL THE MEMBERS OF THE BOARD OF MANAGEMENT MORE ESPECIALLY TO THE NEW MEMBERS.**

2. **Confirmed the Minutes of the last meeting of the Board of Management held on 14-06-2022.**

RESOLVED THAT THE MINUTES OF THE LAST MEETING OF THE BOARD OF MANAGEMENT HELD ON 14-06-2022 BE CONFIRMED AND FOLLOW UP ACTION TAKEN BE NOTED.

RESOLVED FURTHER THAT THE INTRODUCATION OF THE PG PROGRAMMES OF MBA & M.SC. MATHEMATICS THROUGH ONLINE MODE ALLOWED BY THE UNIVERSITY GRANTS COMMISSION W.E.F. THE SESSION 2022-23 BE ALSO APPROVED.

3. **Considered** the action taken by the Vice-Chancellor under clause 10.12.2.5 (iv) of MOA of the MM(DU) in anticipation of approval of the Board of Management in approving the Ordinance of M.Sc. Agriculture w.e.f. the academic session 2020-21, as recommended by the Academic Council vide its item No. 3 dated 10-02-2023, as per **Annexure - I, Pages:1-8.**

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

4. **Considered** the amendments/additions to Clause 3 of the Ordinance for Master of Computer Applications (MCA) 2-year programme applicable from the academic session 2022-23, as under:

Existing	Proposed
<p>3. The minimum qualification for admission to the First Semester course shall be :-</p> <p>Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree from a recognized University.</p> <p style="text-align: center;">OR</p> <p>Passed B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level from a recognized University.</p> <p>Obtained at least 50% marks (45% marks in case of candidates belonging to SC/ST category) in the qualifying Examination.</p>	<p>3. The minimum qualification for admission to the First Semester of the course shall be :-</p> <p>Passed BCA./B.Sc. (Computer Science) or B.Sc./B.Tech./BE in CSE/IT or equivalent Degree.</p> <p style="text-align: center;">Or</p> <p>Passed any graduation degree (e.g.: B.E. / B.Tech. / B.Sc. B.Com./B.A/B.Voc./ etc.) with Mathematics at 10+2 level or at Graduation level.</p> <p>Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.</p> <p>Note: For students having no Mathematics background, compulsory bridge course will be framed by the MM(DU) and additional bridge course related to computer subjects as per the norms of the MM (DU).</p>

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

5. **Considered** the Ordinance for Bachelor of Physiotherapy (BPT) under Semester System, as recommended by the Academic Council vide its item no. 11 dated 10-02-2023, as per **Annexure - II, Pages: 9-13.**

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED WITH THE MODIFICATION THAT 20% MARKS AS MENTIONED UNDER CLAUSE 7.3 (ANNEXURE-II PAGE NO.11) BE READ AS 50%.

6. **Considered** the action taken by Vice-Chancellor in anticipation of the approval of Board of Management regarding amendment to Clause 7 relating to Punishment for Use of Unfair Means as under:-

Offences	Existing Punishment	Proposed Punishment
3(a) if the paper, note, etc. has not been made use of 3(b), (c), (d), (f), (g)	1. Cancellation of paper OR 2. Disqualification from: (i) passing in the concerned paper/subject and from appearing in this examination before the next annual examination and OR (ii) appearing at any other examination till.....after the next annual examination	Cancellation of the concerned paper.
3(a) if the paper, note, etc. has been made use of 3 (e), (h), (i), (j), (iii), (vi)	Disqualification from passing in the concerned examination in full and from appearing in the next one or more examinations.	1. Cancellation of the concerned paper if this is his/her first offence. 2. In case he/she has been caught again, then disqualification from passing in the concerned examination in full.
3 (j), (i), (ii), (iv), (v), (k)	Disqualification from passing in the concerned examination in full and from appearing in the next two or more examination	Disqualification from: (i) passing in the concerned examination in full: and/or (ii) from appearing in the next examination.

RESLOVED THAT THE ABOVE PROPOSAL BE APPROVED.

7. **Considered** the action taken by the Vice-Chancellor in anticipation of approval of Board of Management for amendment in the duration of the following courses being run in MM Institute of Medical Sciences & Research for the academic session 2019-20 only, as recommended by the Academic Council vide its item no. 19 dated 10-02-2023.

Sr. No.	Name of Course	Existing Duration of course including Internship 2019-20	Proposed duration of Internship 2019-20
1.	B.Sc. (MLT)	Duration 3 years 6 months	The students will have internship for six months. However such students who wants to have advanced Practical Training, they can undergo internship for one year.
2.	B.Sc. (OTT)		
3.	B.Sc. (RIT)		
4.	B.Sc. (CVT)		

RESOVLED THAT THE ABOVE PROPOSAL BE APPROVED.

8. **Considered** that 15% supernumerary seats over and above the 'Approved Intake' in B.Tech. Computer Science & Engg. be created in MM Engg. College, Mullana-Ambala for students of Foreign Nationals/Overseas Citizen of India (OCI)/Children of Indian Workers in Gulf countries w.e.f. the academic session 2023-24, as recommended by the Academic Council vide its item no. 21 dated 10-02-2023.

RSOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

9. **Considered** the request of the Head, Department of Biotechnology and recommendation of the Director, MM Engg. College **Annexure - VI, Page - 15** for renaming the **Department of Biotechnology** as **Department of Bio-sciences and Technology**, as recommended by the Academic Council vide its item no. 24 dated 10-02-2023.

RESLOVED THAT THE ABOVE PROPOSAL BE APPROVED.

10. **Considered** the recommendations of the Finance Committee of the Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala held on 14th November 2022 as per **Annexure - V, Pages: 16-19.**

FC Res. No.	Brief Particulars
3	Annual Audited Accounts of Maharishi Markandeshwar (Deemed to be University) and its constituent Institutes for the Financial year 2021-22.
4	Revision of rates of remuneration to be paid to the examiners invited for conduct of Practical/Oral examination, evaluation of Dissertations.
5	The appointment of Auditors for the Auditing of Accounts of the Maharishi Markandeshwar (Deemed to be University) Mullana and its constituent Institutes for the Assessment year from 2023-24 to 2024-25.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

RESOLVED FURTHER THAT THE REMUNERATION FOR THE PH.D. VIVA PAYABLE TO THE EXAMINER BE ALSO FIXED AS RS.3000/- AT PAR WITH THE EVALUATION FEE OF THE PH.D. THESIS.

11. **Considered** the Annual Report of the Examination Branch for the session 2021-22 for submission of the same to the NAAC.

RESOLVED THAT THE ANNUAL REPORT OF EXMINATION BRANCH FOR THE SESSION 2021-22 BE APPORVOED AS ABOVE.

12. **Considered** the revision of Ordinance for Doctorate of Philosophy (Ph.D.) on the basis of University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulation, 2022, as recommended by the Academic Council vide its Resolution No.28 dated 10-2-2023 with the appropriate modification that the Scholar should prior to the date of Pre-submission seminar fulfil the requirement of publication of one research paper in refereed Journal and make two paper presentations in conference/seminars before the submission of the thesis for adjudication, and produce evidence for the same in the form of presentation certificates, acceptance and/or reprints at the time of requesting for pre-submission alongwith evaluation fee, request for appointment of Examiners alongwith the abstract of nearly 1000 words together with No Dues from the University and Completion Certificate duly countersigned by the Supervisor and the Board of Studies will send the approved panel of examiners to the examination branch within a week of pre-submission for further necessary action as also with the provision that the research Scholars will have to submit the Thesis within three months from the date of pre-submission before the Research Advisory Committee or upto the last date of the expiry of the Ph.D. registration period whichever is earlier failing which whole process for pre-submission will have to be initiated afresh De-novo with such additional fee as may be fixed by the University from time to time in case his/her registration period has not yet been over.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED WITH NECESSARY ADDITIONS IN THE PH.D ORDINANCE.

13. **Considered** the addition of the following provision in the Ordinance of Bachelor of Technology (B.Tech.) examination, as recommended by the Academic Council vide its item No. 31 dated 10-02-2023.

Existing	Proposed
<p>Notwithstanding anything contained in any other Ordinance with regard to the matters hereunder, the course of study for the Degree of Bachelor of Technology in the faculty of Engineering & Technology and the conditions for admission thereto shall be as under:</p> <p>Clause 1 to 15 xx xx xx</p>	<p style="text-align: center;">NO CHANGE</p> <p>1. The Bachelor of Technology (B.Tech.) courses shall be offered in the following specializations.</p> <ol style="list-style-type: none"> 1. B.Tech Computer Science & Engineering 2. B.Tech Electronics & Communication Engineering 3. B.Tech. Electrical Engineering 4. B.Tech Mechanical Engineering 5. B.Tech. Civil Engineering 6. B.Tech. Biotechnology <p>More specializations may be added with the approval of the Academic Council/Board of Management.</p> <p>NO CHANGE except that it will be re-numbered as 2 to 16 respectively.</p>

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

RESOLVED FURTHER THAT SIMILAR AMENDMENT IN OTHER RELEVANT ORDINANCES WHERE MORE THAN ONE SPECIALIZATIONS ARE OFFERED, BE ALSO MADE.

14. **Considered** the action taken by the Vice-Chancellor in anticipation of approval of the Academic Council, in approving the Standard Operating Procedures for Continuous Assessment and End Semester Examination for UG/PG Courses running in Online Mode, as recommended by the Academic Council vide its item No. 32 dated 10-02-2023 as per **Annexure - VII, Pages:31-33.**

RESOVLED THAT THE ABOVE PROPOSAL BE APPROVED.

15. **Considered** the Annual Quality Assurance Report (AQAR) of MM(DU) for the session 2021-22 for submission to NAAC, as recommended by the Academic Council vide its item No. 33 dated 10-02-2023.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

16. **Considered** the E-Governance report of MM(DU) during the year 2021-22.

1. Student Management System
2. Employee Management System
3. E-Learning Portal
4. Hospital Administration & Medical Records
5. Student Admission and Support
6. Online Grievance and redressal system
7. Store Management System
8. Examination
9. Finance and Accounts
10. Online Activity Reporting Portal (SPOC)

RESOLVED THAT THE E-GOVERNANCE OF MM(DU) IN THE ABOVE AREAS BE APPROVED

After deliberations on the Agenda, the Vice-Chancellor conveyed his thanks to the Hon'ble Members for the contribution made by them during the course of the meeting.


REGISTRAR

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
MULLANA-AMBALA, 133-207 (HARYANA)
(Established under Section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade 'A++')

MINUTES of the meeting of the **Board of Management** held on **13-05-2023** at **12:30 A.M** in the **Committee Room** of the **Administrative Block** of the MM (DU).

-:-

The following were present:-

1.	Dr. H.K. Sharma, Vice-Chancellor	(In the Chair)
2.	Dr. Vishal Garg, H.No.45, Model Town, Ambala City.	
3.	Dr. M.L. Ranga, (former Vice-Chancellor, KUK & GJUS&T, Hisar) H. No. 841, Sector - 5, Urban Estate, Kurukshetra.	
4.	Dr. S.D. Sharma, (former Vice-Chancellor, HP University) 74/7, Urban Estate, Karnal	
5.	Dr. L. C. Gupta, (former Member, Distance Education Council) H.No. E - 45, University Campus, Kurukshetra.	
6.	Dr. Anil Jain, President, Vaiseshika Electronic Devices, 38, Industrial Estate, Ambala Cantt	
7.	Dr. Brijendra Singh Yadav, Dean, Faculty of Law	
8.	Dr. Sunayana, Dean, Faculty of Management	
9.	Dr. Dhanesh Garg, Assoc. Professor, MM College of Nursing	
10.	Prof. Rajinder Kumar, Registrar	...Secretary

1. **BEFORE TAKING UP THE AGENDA OF THE MEETING, THE VICE-CHANCELLOR ON BEHALF OF THE CHANCELLOR AND ON HIS OWN BEHALF EXTENDED A HEARTY WELCOME TO ALL THE MEMBERS OF THE BOARD OF MANAGEMENT MORE ESPECIALLY TO THE NEW MEMBERS.**

2. **Considered** the Minutes of the last meeting of the Board of Management held on **16-02-2023** and the follow up action taken on the decisions of the meeting.

RESOLVED THAT THE MINUTES OF THE LAST MEETING OF THE BOARD OF MANAGEMENT HELD ON 16-02-2023 BE CONFIMRED AND FOLLOW UP ACTION TAKEN BE NOTED.

3. **Considered** the addition of clause 10(2) as approved by Board of Management vide Res. No. 12 of its meeting held on 16-02-2023 in the Ordinance of Doctorate of Philosophy (Ph.D) recommended by Academic Council as under:-

EXISTING	Proposed
<p>10. EVALUATION AND ASSESSMENT:</p> <p>(1) Upon satisfactory completion of Course Work and obtaining the marks/grade prescribed in clause (3) of Regulation 7 above, the Ph.D. scholar shall be required to undertake research work and produce a draft dissertation/thesis.</p> <p>Clause 10 (2) to 10(9) xx xx xx</p>	<p style="text-align: center;">NO CHANGE</p> <p>(2) Ph.D. scholars must publish at least one research paper in refereed Journal and make two paper presentations in conferences/seminars before the submission of the thesis for adjudication, and produce evidence for the same in the form of presentation certificates acceptance and/or reprints at the time of requesting for pre-submission alongwith evaluation fee, request for appointment of Examiners alongwith the abstract of nearly 1000 words, No Dues from the University and Completion Certificate duly countersigned by the Supervisor. The Board of Studies will send the approved panel of examiners to the examination branch within a week of pre-submission for further necessary action.</p> <p>Provided that the research scholars will have to submit the Thesis within three months from the date of pre-submission before the Research Advisory Committee or upto the last date of the expiry of the Ph.D. registration period whichever is earlier failing which whole process for pre-submission will have to be initiated afresh De-novo with such additional fee as may be fixed by the University from time to time in case his/her registration period has not yet been over.</p> <p>NO CHANGE except that it will be re-numbered as 10(3) to 10(10) respectively.</p>

RESOLVED THAT ADDITION OF CLAUSE 10 (2) IN THE ORDINANCE OF DOCTORATE OF PHILOSOPHY (Ph.D) BE APPROVED AS ABOVE.

4. **Considered** the action taken by the Vice-Chancellor in anticipation of approval of Board of Management for making amendments/addition to clause 7.3 & 12 of the Ordinance of Bachelor of Physiotherapy (BPT), on the recommendations of the Academic Council as under:

Existing	Proposed amendments
<p>7.3 The candidate is required to obtain Pass Marks in each of the Theory and Practical papers in aggregate of the external and internal assessment/sessionals subject to obtaining atleast 50% marks separately in each paper of external examinations. The internal assessment award of any candidate who fails in one or more papers of any semester examination shall be carried forward to the next examination.</p> <p>12 The minimum number of marks required to pass each examination shall be 50% marks in theory papers and 50% marks in Practical including internal assessment.</p>	<p style="text-align: center;">DELETED</p> <p>12. The minimum pass marks required for any Semester examination shall be:</p> <p>(i) 50% marks in theory papers subject to obtaining pass marks in each paper of external examination.</p> <p>(ii) 50% marks in Practical including internal assessment.</p>

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR IN ANTICIPATION OF APPROVAL OF THE BOARD OF MANAGEMENT BE APPROVED AS ABOVE.

5. **Considered** ex-post-facto approval of the Board of Management in approving the following Prospectus/Information Brochures of the Maharishi Markandeshwar (Deemed to be University) Mullana-Ambala for the Session **2021-22 & 2022-23** as recommended by the Academic Council:-

1. **Prospectus - (For Under Graduate/Post Graduate courses)**
2. **M.Sc. Nursing.**

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

6. **Considered** the modified intake of various courses for the academic session **2022-23** and proposed intake for the academic session **2023-24** as per **Annexure - I, Pages: 01-04**, as recommended by the Academic Council.

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

7. **Considered** the recommendations of the Academic Council in approving the following Prospectus/Information Brochures of the Maharishi Markandeshwar (Deemed to be University) Mullana-Ambala for the Session **2023-24**.

1. **Prospectus - (For Under Graduate/Post Graduate courses)**
2. **M.Sc. Nursing.**

RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED.

8. **Considered** the recommendations of the Finance Committee of the Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala held on 29th March 2023 as per **Annexure – II, Pages:05-08.**

FC Res. No.	Brief Particular											
3	Budget Estimates of Maharishi Markandeshwar (Deemed to be University), Mullana and its constituent Institutes for the Financial year 2023-24.											
4	<p>Revise the rates of remuneration and TA/DA to be paid to the external examiners for conduct of BDS/MDS Practical/Oral examination as under:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Name of Examination</th> <th>Revised Rates of remuneration Recommended to be considered</th> <th>Revised rates of road mileage recommended to be considered</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>BDS</td> <td>Rs. 80 per candidate subject to a minimum Rs. 3000 (Maximum 35 students per day)</td> <td rowspan="2">Rs. 15/- per K.M</td> </tr> <tr> <td>2.</td> <td>MDS</td> <td>Rs. 8000/- (Lump-Sum) for Practical Examination to each external examiner for two days including evaluation of theory papers.</td> </tr> </tbody> </table> <p>NOTE:</p> <p>a. Preference shall be made to invite examiners not below the rank of Professors/Associate Professors working in reputed Institutions. In the case BDS examination, if Professors/Associate Professors are not available the Assistant Professors having more than five years of service may be invited.</p> <p>b. These revised rates of road mileage shall also be applicable for the external examiners invited to conduct practical examination of MBBS, MD/MS, Mch/DM course.</p> <p>c. Journey performed by own Car/Taxi must not exceed 300 K.M each way and the persons performing journey by own car/taxi will have to produce Toll Tax receipts where applicable, failing which TA will be paid as per shortest route by train/Bus. The Taxi receipt to be produced for claiming Taxi Bill within the ceiling of approved rate per K.M.</p>	Sr. No.	Name of Examination	Revised Rates of remuneration Recommended to be considered	Revised rates of road mileage recommended to be considered	1.	BDS	Rs. 80 per candidate subject to a minimum Rs. 3000 (Maximum 35 students per day)	Rs. 15/- per K.M	2.	MDS	Rs. 8000/- (Lump-Sum) for Practical Examination to each external examiner for two days including evaluation of theory papers.
Sr. No.	Name of Examination	Revised Rates of remuneration Recommended to be considered	Revised rates of road mileage recommended to be considered									
1.	BDS	Rs. 80 per candidate subject to a minimum Rs. 3000 (Maximum 35 students per day)	Rs. 15/- per K.M									
2.	MDS	Rs. 8000/- (Lump-Sum) for Practical Examination to each external examiner for two days including evaluation of theory papers.										
5	<p>Amendment in rule 2(f) of Research Promotion Policy rules-2022 regarding rates of incentive to be paid to the faculty as under:</p> <table border="1"> <thead> <tr> <th>Category</th> <th>Number of Publications</th> <th>Incentive (Rs.)</th> <th>Proposed Revised rates</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Case Report/Case Series/Meta-Analysis/Editorial in SCOPUS/WOS/PUBMED or a UGC CARE Publication</td> <td>Upto 3</td> <td>3000 each</td> <td rowspan="2">Rs. 3000 for each paper irrespective of number of papers published in the journal during the academic year.</td> </tr> <tr> <td>4 and above</td> <td>5000 each</td> </tr> </tbody> </table>	Category	Number of Publications	Incentive (Rs.)	Proposed Revised rates	Case Report/Case Series/Meta-Analysis/Editorial in SCOPUS/WOS/PUBMED or a UGC CARE Publication	Upto 3	3000 each	Rs. 3000 for each paper irrespective of number of papers published in the journal during the academic year.	4 and above	5000 each	
Category	Number of Publications	Incentive (Rs.)	Proposed Revised rates									
Case Report/Case Series/Meta-Analysis/Editorial in SCOPUS/WOS/PUBMED or a UGC CARE Publication	Upto 3	3000 each	Rs. 3000 for each paper irrespective of number of papers published in the journal during the academic year.									
	4 and above	5000 each										

RESOLVED THAT THE RECOMMENDATIONS OF FINANCE COMMITTEE OF MM (DEEMED TO BE UNIVERSITY) MULLANA-AMBALA HELD ON 29TH MARCH 2023 BE APPROVED AS ABOVE.

After deliberations on the Agenda, the Vice-Chancellor conveyed his thanks to the Hon'ble Members for the contribution made by them during the course of meeting,


REGISTRAR

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)

MULLANA-AMBALA, 133-207

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

(Accredited by NAAC with Grade 'A++')

**MINUTES OF THE MEETING OF THE PLANNING & MONITORING BOARD OF
MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY),
MULLANA-AMBALA HELD ON 10.04.2023 AT 11:30 A.M. IN THE COMMITTEE
ROOM OF THE ADMINISTRATIVE BLOCK OF THE MM(DU).**

The following were present:

1. Dr. Harish Sharma ...(In the Chair)
Vice-Chancellor

2. **Dr. M. L. Ranga,**
(former Vice-Chancellor of KUK and GJUS&T, Hisar)
Kothi No. 841, Sector 5,
Urban Estate,
Kurukshetra

3. **Dr. L.C. Gupta**
(former Member, Distance Education Council)
H.No. E-45, KU Campus,
Kurukshetra

4. **Dr. Anil Jain,**
President,
Vaiseshika Electron Devices,
38, Industrial Estate,
Across Tangri River Bridge,
Ambala Cantt.

5. Dr. B.K. Aggarwal,
Dean, Faculty of Medical Sciences

6. Dr.(Ms.) Jyoti Sarin,
Dean, Faculty of Nursing

7. Dr. G.M. Sogi,
Dean, Faculty of Dental Sciences

8. Dr. Sumeet Gupta,
Dean, Faculty of Pharmaceutical Sciences
9. Dr. Virender Singh Pahil,
Dean, Faculty of Agriculture
10. Dr. Sunayana,
Dean, Faculty of Management
11. Dr. Vishal Bharti,
Dean, Faculty of Engg. & Technology
12. Dr. B.S. Yadav,
Dean, Faculty of Law
13. Prof. Rajinder Kumar,
Registrar

1. **THE VICE-CHANCELLOR EXTENDED A HEARTY WELCOME TO ALL THE HON'BLE MEMBERS OF THE BOARD, MORE ESPECIALLY TO THE NEW MEMBERS AND REQUESTED THEM TO CONTRIBUTE IN THE CONSTRUCTIVE DELIBERATIONS ON THE AGENDA OF THE MEETING.**
2. **RESOLVED TO CONFIRM THE MINUTES OF THE LAST MEETING OF THE PLANNING & MONITORING BOARD HELD ON 30.03.2022 AND FOLLOW UP ACTION TAKEN ON THE DECISIONS OF THE LAST MEETING WERE NOTED.**

3. Considered the proposals for the introduction of the following new Innovative/Interdisciplinary courses in the various Institutes/Colleges Departments of this Deemed to be University w.e.f the academic session **2023-24** with the intake as received from the Principal/Head of Department:-

Sr. No.	Institutes/ Departments	Name of New Course	Level of Course UG/PG	Intake
1.	MMEC (Bio-Sciences and Technology)	Ph.D Botany	Ph.D	10
		Ph.D Microbiology	Ph.D	10
		M.Sc. Zoology	PG	25
2.	B.Tech. (CSE)	Block chain Technology	UG	60
		AI & Machine Learning	UG	60
3.	MMIP&R	Interdisciplinary Program: Title:- Certificate course in Comprehensive Temporomandibular Joint Rehabilitation	UG&PG	30
		Innovative Program: Title:- Certificate Course in Manual Therapy of Cranium	UG&PG	30
		Innovative Program: Title:- Certificate Course in Manual therapy of Visceral Organs	UG&PG	30
		Innovative Program: Title:- Certificate Course in Peripheral and Spine Manual Therapy	UG&PG	30

RESOLVED THAT THE PROPOSAL FOR THE INTRODUCTION OF THE ABOVE PROGRAMMES IN MM ENGINEERING COLLEGE BE REFERRED BACK FOR RE-EXAMINATION WITH REFERENCE TO THE REQUIRED INFRASTRUCTURE AND FACULTY.

RESOLVED FURTHER THAT THE PRINCIPAL, MMIP&R, BE REQUESTED TO FURNISH THE DETAILED REPORT WITH REGARD TO THE INTRODUCTION OF THE ABOVE COURSES WITH FULL JUSTIFICATION ALONGWITH THE FEASIBILITY STUDY.

4. Considered the action taken by the Vice-Chancellor under Clause 10.12.2.5 (iv) of the MOA of the MM(DU) in anticipation of approval of the Planning & Monitoring Board and Board of Management for the revised intake of the following existing programmes w.e.f. the academic session **2023-24** for uploading the same on the **AICTE** Portal:-

Sr. No.	Name of the Course	Existing intake	Proposed intake w.e.f. 2023-24
1.	B.Tech (CSE)	360	420
2.	MBA	180	240

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE NOTED AS ABOVE.

5. Considered the creation of 25% Supernumerary seats for international students, over and above of their total sanctioned enrolment for Undergraduate and Postgraduate programmes:-

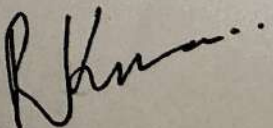
RESOLVED THAT THE ABOVE PROPOSAL BE APPROVED WITH THE STIPULATION THAT WHEREVER REQUIRED APPROVAL OF THE RESPECTIVE REGULATORY BODY BE OBTAINED.

6. Considered the action taken by the Vice-Chancellor under Clause 10.12.2.5 (iv) of the MOA of the MM(DU) in anticipation of approval of Planning & Monitoring Board and Board of Management for the introduction of the 2 year MCA Programme with intake capacity of 180 seats in online mode w.e.f. the academic session 2023-24 for uploading the same on the AICTE Portal before approaching the UGC-DEB.

RESOLVED THAT THE ACTION TAKEN BY THE VICE-CHANCELLOR BE NOTED AS ABOVE.

7. Under any other item, **THE PRINCIPAL, MM COLLEGE OF DENTAL SCIENCES & RESEARCH SUGGESTED TO INTRODUCE THE DIPLOMA COURSE IN DENTAL OPERATING ROOM ASSISTANT IN HIS COLLEGE ON WHICH HE WAS ADVISED TO SUBMIT THE DETAILED PROPOSAL FOR CONSIDERATION.**

After deliberations on the agenda items, the Vice-Chancellor conveyed his thanks to the Hon'ble Members for their active participation during the course of the meeting.


REGISTRAR

**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 the meeting of the **FINANCE COMMITTEE** of the **Maharishi Markandeshwar (Deemed to be University)**, Mullana-Ambala held on **14th November 2022** at **11:30 AM** in the Committee Room of the Administrative Block of the MM (DU).

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The following were present:

- | | |
|---|----------------------------------|
| 1. Dr. H.K. Sharma,
Vice-Chancellor | Chairman
(Ex-officio) |
| 2. Dr. Vishal Garg,
45, Model Town,
Ambala City | Member |
| 3. Ms. Meenakshi Garg
55, Model Town,
Ambala City | Member |
| 4. Dr. L.C. Gupta
House No. E-45,
K.U. Campus,
Kurukshetra | Member |
| 5. Finance & Accounts Officer | Member Secretary
(Ex-officio) |

The following deliberations were made:

1. **BEFORE TAKING UP THE AGENDA OF THE MEETING, THE VICE-CHANCELLOR EXTENDED A HEARTY WELCOME TO ALL THE MEMBERS OF THE FINANCE COMMITTEE.**

2. Considered to confirm the minutes of the last meeting of the Finance Committee held on **25th March 2022** as at **Annexure-I'**

RESOLVED THAT THE MINUTES OF THE LAST MEETING OF THE FINANCE COMMITTEE HELD ON 25th March 2022 BE CONFIRMED.

3. Considered the Annual Audited Accounts of Maharishi Markandeshwar (Deemed to be University) and its constituent Institute for the year 2021-22 as at Annexure-II.

RESOLVED THAT THE ANNUAL AUDITED ACCOUNTS OF MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY) AND ITS CONSTITUENT INSTITUTES FOR THE YEAR 2021-22 AS AT ANNEXURE-II BE RECOMMENDED FOR CONSIDERATION OF THE BOARD OF MANAGEMENT.

4. Considered the revision of rates of remuneration to be paid to the examiners invited for conduct of practical/Oral examination, evaluation of Dissertations followed by viva as under:

Name of Examination	Existing rates of Remuneration approved	Revised rates of Remuneration	Remarks
Pharma-D(PB)/ Pharma-D (4 th year to 6 th year) Practical	—	Rs. 50/- per candidate subject to minimum of Rs. 1200/- per day	Practical Examinations of Pharma-D (1st year to 3 rd year) will be conducted by the Internal Examiners.
Pharma-D Project Viva (maximum 30 students per day)	—	Rs. 80/- per candidate subject to a minimum of Rs. 2000/- per day	
M.Sc. Agriculture Dissertation followed by viva	—	Rs. 500/-for each Dissertation followed by viva subject to a minimum of Rs. 2000/- (up to 6 reports per examiner with marginal adjustment)	
M.Sc. Agriculture Practical	—	Rs. 50/- per candidate subject to a minimum of Rs. 1200/- per day.	

RESOLVED THAT THE RATES OF REMUNERATION TO BE PAID TO THE EXAMINERS OF VARIOUS EXAMINATIONS OF THE UNIVERSITY BE RECOMMENDED AS ABOVE FOR CONSIDERATION OF THE BOARD OF MANAGEMENT.

5. Considered the appointment of Auditors for the Auditing of Accounts of the Maharishi Markandeshwar (Deemed to be University) Mullana and its constituent Institutes for the Assessment Year from 2023-24 to 2024-25.

RESOLVED THAT THE APPOINTMENT OF M/S RAJIV GOEL AND ASSOCIATES, CHARTERED ACCOUNTANTS 179, BANK ROAD, AMBALA CANTT FOR A PERIOD FROM THE ASSESSMENT YEAR FROM 2023-24 TO 2024-25 MAY BE RECOMMENDED FOR CONSIDERATION OF THE BOARD OF MANAGEMENT.

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


FINANCE & ACCOUNTS OFFICER

Seen.
