



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
• Name of the Head of the institution	PROF. HARISH KUMAR SHARMA
• Designation	VICE CHANCELLOR
• Does the institution function from own campus	Yes
• Phone no. of the Vice-chancellor	8059932404
• Alternate phone No.	01731304440
• Mobile no (Vice-chancellor)	9416915504
• Registered Email ID (Vice-chancellor)	info@mmumullana.org
• Address	Maharishi Markandeshwar (Deemed to be University), Ambala Yamunanagar Highway No. 344, Mullana, District Ambala
• City/Town	Mullana
• State/UT	Haryana
• Pin Code	133207
2.Institutional status	
• University	Deemed
• Type of Institution	Co-education

• Location	Rural																						
• Financial Status	Private																						
• Name of the IQAC Co-ordinator/Director	Dr. Tarun Gulati																						
• Phone No.	01731304235																						
• Alternate phone no.	01731304527																						
• Mobile No:	8059931274																						
• IQAC e-mail ID	directoriqac@mmumullana.org																						
• Alternate e-mail	osd@mmumullana.org																						
3.Website address	https://www.mmumullana.org/																						
4.Whether Academic Calendar prepared during the year?	Yes																						
• If yes, was it uploaded in the Institutional Website?	https://api.mmumullana.org/uploads/pdf/L4_56_352_106695.pdf																						
5.Accreditation Details																							
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>A</td> <td>3.06</td> <td>2015</td> <td>16/11/2015</td> <td>20/12/2021</td> </tr> <tr> <td>Cycle 2</td> <td>A++</td> <td>3.53</td> <td>2021</td> <td>21/12/2021</td> <td>20/12/2026</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	A	3.06	2015	16/11/2015	20/12/2021	Cycle 2	A++	3.53	2021	21/12/2021	20/12/2026
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Cycle 2	A++	3.53	2021	21/12/2021	20/12/2026																		
6.Date of Establishment of IQAC			20/12/2007																				
7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.																							

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
MMCP	AMELIORATION OF POSTMENOP AUSAAL GUT-BRAIN AXIS DYSFUNCTION BY MANIPULATING GUT BIOTA	DST-Haryana	2022	671000
MMCP	DEVELOPING SCAFFOLDS FOR RESTORING NEURONAL TRAUMA IN SPINAL CORD INJURY	ICMR, NEW DELHI	2022	216300

8.Is the composition of IQAC as per latest NAAC guidelines	Yes		
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File		
9.No. of IQAC meetings held during the year	4		
<ul style="list-style-type: none"> • Have the minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website 	Yes		
<ul style="list-style-type: none"> • (Please upload, minutes of meetings and action taken report) 	View File		
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No		
<ul style="list-style-type: none"> • If yes, mention the amount 			
11.Significant contributions made by IQAC during the current year (maximum five bullets)			

• M M College of Pharmacy has been ranked at 31st place in NIRF amongst all Pharmacy Colleges in India • M M Institute of Medical Sciences & Research has been ranked at 34th place in NIRF amongst all Medical Colleges in India • MM(DU) has achieved 78th place in NIRF amongst all Universities in India • MM(DU) achieved 258 rank in QS World University Ranking-2024 in Southern Asia category. • MM(DU) was ranked among the best universities in the world by Times Higher Education World University Ranking-2023 in the rank band of 601 to 800.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
<p>To Improve quality in publication by publishing in Journals with Impact Factor (IF) by Thomson Reuters, indexed in SCOPUS / PubMed/ Web of Science</p>	<p>Significant number of publications in Scopus/Pubmed /Web of Science indexed journals achieved</p>
<p>To prepare and submit the research proposals for funding from various Government and Non Government agencies.</p>	<p>Research grants were received from Government/ Non Government agencies.</p>
<p>To get Collaboration with national/International organizations</p>	<p>Various collaborative initiatives were executed by constituent colleges/institutes of the MM(DU)</p>
<p>Participation in NIRF, QS World University and Times Higher Education World University ranking</p>	<p>MM(DU) has achieved 78th place in NIRF amongst all Universities, M M College of Pharmacy has been ranked at 31st place and M M Institute of Medical Sciences & Research has been ranked at 34th place. MM(DU) achieved 258 rank in QS World University Ranking-2024 in Southern Asia category. MM(DU) was ranked among the best universities in the world by Times Higher Education World University Ranking-2023 in the rank band of 601 to 800.</p>
<p>To promote overall development of students by organising various curricular and co-curricular activities such as sports, cultural etc.</p>	<p>Various activities has been organised by the constituent colleges/institutes of the MM(DU) for the students for overall development.</p>
<p>13. Whether the AQAR was placed before statutory body?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Executive Council	15/03/2024

14.Does the Institution have Management Information System?	Yes
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- If yes, give a brief description and a list of modules currently operational

With the adoption of the ZingHr (Employee Management System), MM (Deemed to be University) has given each employee a unique staff ID and login credentials. Every employee has access to ZingHr, where they may review information about their pay and attendance.

Every student at MM (Deemed to be University) receives a login credentials for ERP Portal that they may use to monitor their attendance, fill online examination form, generate admit card as well as can pay fee. The module also enables the student's mentor faculty to send SMS messages to parents. Students can use the internet (LAN and WiFi) that MM (Deemed to be University) has given for them by using their login credentials. To get input from MM's many stakeholders, online feedback modules.

An online interface (SPOC) was developed to enable faculty, students and researchers to submit publication details and then apply for incentives in line with MM's (Deemed to be University) research promotion policy.

15.Multidisciplinary / interdisciplinary

Multidisciplinary approach plays a crucial role in fostering collaboration across diverse fields of study. MM(DU) focuses and help the students to explore multiple courses. By bringing together insights and methodologies from various disciplines, these approaches enable a comprehensive examination of complex issues, allowing students and researchers to draw upon a range of perspectives to address challenges. MM(DU) helps the students from different backgrounds work together, enriching their understanding and enhancing problem-solving capabilities. This collaborative ethos encourages interdisciplinary dialogue and innovation, ultimately contributing to a more holistic and integrated approach to education and research within academic institutions.

16.Academic bank of credits (ABC):

Maharishi Markandeshwar (Deemed to be University), Mullana has

already registered on 16th March, 2022 at the portal www.abc.gov.in with application no. ABC0047001647407574.

Dr. Rohit Vaid, Associate Professor in Computer Science & Engineering Department has been appointed as a Nodal officer for smooth implementation of ABC in MM(DU).

University is uploading student's certificates on [National Academic Depository \(NAD\) \(digilocker.gov.in\)](http://National Academic Depository (NAD) (digilocker.gov.in)) since 2022.

The online examination forms of MM(DU) are modified and a field of ABC id is also added in it.

Majority of students are aware of ABC facility and have already [Signed up for Meri Pehchaan](https://digilocker.meripehchaan.gov.in) on <https://digilocker.meripehchaan.gov.in> to create academic bank of credit account.

17.Skill development:

MM(DU) engages in various skill development activities to equip students with the practical competencies needed for their future careers. These activities include workshops, seminars, internships, and hands-on projects tailored to specific fields of study.

Students in the MM(DU) skill centre have learned and acquired a variety of technical skills in the following fields:

- IOT Foundation
- Communication and Standard Interfaces
- Industrial Connectivity for IIOT
- Data Analytics for IIOT
- Machine Learning for IIOT
- Artificial Intelligence

Additionally, MM(DU) offers co-curricular programs, such as clubs and competitions, where students can further develop skills outside the classroom. Through these skill development activities, MM(DU) prepares students to succeed in their chosen careers and adapt to the demands of the rapidly evolving job market.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The education system today is designed for the atomized individual serving the industrialized world. The solution for a new education system lies in the Indian Knowledge Systems. Keeping in view the New

Education Policy, 2020 MM(DU) has also focused on imparting teaching of Indian languages like Hindi in various courses. Students will now learn the modern curriculum keeping industry viewpoint along with Indian languages.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

MM(DU) lays emphasis on Outcome Based Education (OBE) in order to guarantee that students acquire the practical skills and abilities required for their future employment in addition to information.

With OBE, the MM(DU) has established explicit learning objectives and has evaluated students according on how well they meet these objectives. This strategy prioritizes quantifiable outcomes over conventional input-focused techniques. By aligning curriculum with industry needs and fostering critical thinking, problem-solving, and collaboration, MM(DU) prepare students to excel in diverse professional environments.

In the end, OBE emphasizes how education may better prepare students for opportunities and difficulties they will face in the real world by making it more relevant and effective.

20.Distance education/online education:

In year 2020, MM(DU) has established Centre for Distance and Online Education (CDOE) with an aim to promote the learners to acquire a higher education degree from anywhere on the globe using Internet without compromising the quality of education and its outcomes. CDOE has started five UGC entitled UG/PG Online programmes (MBA, MSc-Mathematics, BBA, BCA, BCOM). Further, all the UG online programmes are designed with multiple exit option as per the guidelines of National Education Policy (NEP). These programmes are designed with flexible and modern curriculum to meet the global need of Industry standards.

To cater to the multiple needs of aspirants, MM(DU) uses technology enabled Learning Management System (LMS) to impart learner centric quality education. These academic programmes serve the ideal up-skilling for both beginner and experienced.

LMS support anytime anywhere learning and recreate classroom environment. Students can learn with their own pace from the comfort of their home. E-learning material includes UGC four quadrants approach for maximum learner engagement followed by AI based Online Proctored examinations. CDOE provides professional mentorship for students to cultivate future business leaders. Dedicated mentors are

allocated to each student for prompt reply of their grievances.

Extended Profile

1.Programme

1.1	158
Number of all Programmes offered by the Institution during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	11761
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	2338
Number of graduated students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	932
Number of full-time teachers during the year	

File Description	Documents
Data Template	View File

3.2	932
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	14755.07
Total expenditure excluding salary during the year (INR in lakhs)	

File Description	Documents
Data Template	View File

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global health care needs which are visible in Programme Outcomes (POs), and Course Outcomes (COs) offered by the University, as per the norms of the Regulatory Bodies.

Curriculum for an Academic Program is the most critical parameter for ensuring appropriate Learning Outcomes in terms of knowledge, skills, attitude and behaviour. MM(DU) offers 158 UG, PG, Diploma and Doctoral Programs. More than 60% Programs fall under the domain of Health Sciences including MBBS, MD/MS, DM/ MCh., BSc/ MSc., BDS/MDS, BSc/MSc (Nursing)/P.B.B.Sc. (Nursing), BPT/ MPT, B.Pharma, M.Pharma, Pharma D and Pharma D (PB) etc. Other Academic Programs include B.Tech/ M.Tech., BSc/MSc (Physical and Life Sciences, Hospitality, Nutrition & Dietetics), BCom, BBA/MBA, BCA/MCA, BHM&CT, Integrated LLB, LLM, BSc/MSc (Agriculture) etc. Almost all of these programs fall under the category of 'Professional' and 'Vocational' Programs leading to instant jobs or self-employment.

All program curricula are scientifically designed covering Program Education Objectives & Outcomes and Course Objectives & Outcomes matching with the relevant graduate attributes within the boundaries laid down by the respective Regulatory Authorities. Regulatory Councils of NMC, DCI, INC, PCI and BCI prescribe the complete curricula with comprehensive evaluation and assessment methodologies for various programs under their domain, which are further fortified by MM(DU) with Value Added Courses in the emerging areas.

Other Regulatory Councils such as AICTE, UGC, etc. provide model curricula for various courses providing autonomy to the Universities

to design their own curricula keeping in view the local, regional, national and global prospective with health care needs.

File Description	Documents
Curricula implemented by the University	https://nc.mmudev.com/criterion-i/1-1/curricula-implemented-by-the-university/
Outcome analysis of POs, COs	https://nc.mmudev.com/pdf/c1/1-1/1-1-1/PO-COs-2022-23.pdf
Any other relevant information	https://nc.mmudev.com/pdf/c1/1-1/1-1-1/any-additional-information/any-additional-information-2022-23.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

29

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Details of the revised Curricula/Syllabi of the programmes during the year	View File
Institutional data in prescribed format (Data Template)	View File
Syllabus prior and post revision of the courses	View File
Any other relevant information	No File Uploaded

1.1.3 - Provide a description of courses with focus on competency/ employability/ entrepreneurship/ skill-development offered either by the University or in collaboration with partner Institutions / Industries during the year

Majority of the programmes offered by the MM(DU) fall under the category of 'Professional' & 'Vocational' Programs having complete focus on employability as well as entrepreneurship. The programs are broadly classified in four categories namely Foundation Courses, Core Courses, Specialized Courses and Inter-disciplinary Courses. All lab/workshop courses focus on skill development.

In MBBS, all courses offered in second year onwards i.e. Pathology,

Pharmacology, Micro-Biology, Forensic Medicine, Ophthalmology, ENT, Community Medicine, General Medicine, General Surgery, Paediatrics and Obstetrics & Gynaecology completely focus on competency and employability. MD/MS/DM/MCh Programs are totally based on skill development with term end examination only once at the end of third year. Same is the case with all courses offered in BDS/ MDS, BPT/MPT, BSc/MSc - Nursing, B.Pharma/M.Pharma, Pharma D Programs.

In B.Tech / M.Tech Programs all Courses other than foundation courses, completely focus on competency/ employability/skill development in the respective domains. MM(DU) has signed MOUs with MERCK, Service-Now, IIT Roorkee, Infosys etc. to train and advance the skills of students in their respective fields.

Some Centres of Excellence have also been established in collaboration with reputed Industries namely BOSCH, Google, CISCO, Texas Instruments, National Instruments, etc. Centre for Skills and Entrepreneurship Development (CSED) has also been established in which curriculum-based advanced courses in the respective domains are offered apart from Value Added Courses to enhance the employable skills of the students.

File Description	Documents
List of courses having focus on competency/ employability/ entrepreneurship/ skill-development	View File
MOUs with Institutions / Industries for offering these courses (Initiated during the year?)	View File
Any other relevant documents	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice-Based Credit System (CBCS)/Elective course system has been implemented, wherever provision was made by the Regulatory Bodies (Data for the preceding academic year)

1.2.1.1 - Total number of Programmes where there is regulatory provision for CBCS – elective course system

40

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Institutional data in prescribed format (Data Template)	View File
University letter stating implementation of CBCS by the Institution	View File
Structure of the program clearly indicating courses, credits/Electives as approved by the competent board	View File
Any other relevant information	View File

1.2.2 - Number of new Degree Programmes, Fellowships and Diplomas introduced by the University across all Faculties during the year (certificate programmes are not to be included)

1.2.2.1 - Number of new Degree Programmes, Fellowships and Diplomas introduced by the University during the year

12

File Description	Documents
List of the new Programmes introduced during the year	View File
Minutes of relevant Academic Council/BoS meetings for the year	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

1.2.3 - Number of interdisciplinary courses under the Programmes offered by the University during the year

1.2.3.1 - Number of courses offered across all programmes during the year

2615

File Description	Documents
List of Interdisciplinary courses under the programmes offered by the University during the year	View File
Minutes of relevant Academic Council/BoS meetings	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the curricula

MM(DU) is a predominantly Health Sciences focused Deemed to be University offering more than 60% Degree Programs in the fields of Medicine, Dentistry, Nursing, Physiotherapy, Pharmacy, etc. Health Determinants and Right to Health Issues are essentially covered through Community Postings of the students as a part of their curriculum. Students look for better and economical solutions about the real-life problems and sufferings of the people as part of their learning.

Gender Champions are identified among the students who work for creating an enabling environment for equal opportunities for boys & girls. MM(DU) has nearly 45% of Women Students and more than 40% of Women Faculty on its roll. Various organizing teams consist of both male and female students to respect the dignity of fellow colleagues without any gender bias. Activities organized by the Women Study Centre helps in sensitising the concept of women's equality with emphasis on women empowerment. MM(DU) has five units of NSS enrolling about 500 male & female students and one NCC unit for girls from different disciplines.

MM(DU) has established a Value Education Cell with the following objectives:

- To bring out humaneness in the students.
- To enrich the character thus providing moral leadership on courage and intellectual integrity.

- To curb the intensifying criminal instincts, drug addiction, anxiety, rage, suicidal tendencies and stress among the students.
- To coordinate with the NGOs for the promotion of Human Values.

File Description	Documents
List of courses that integrate crosscutting issues mentioned above	https://nc.mmudev.com/pdf/c1/1-3/1-3-1/list-of-courses-that-integrate/2022-23.pdf
Description of the courses which address Gender issues, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the Curricula	https://nc.mmudev.com/pdf/c1/1-3/1-3-1/link-for-description-of-the-courses/2022-23.pdf
Any other relevant information	No File Uploaded

1.3.2 - Number of value-added courses offered during the year that impart transferable and life skills

File Description	Documents
Brochure or any other document related to the value-added course/s	View File
List of value-added courses (Data Template -5)	View File
Any other relevant information	View File

1.3.3 - Number of students who successfully completed the value-added courses during the year

1.3.3.1 - Number of students who successfully completed the value-added courses imparting transferable and Life skills offered during the year

3028

File Description	Documents
List of students enrolled in value-added courses (Data Template 5)	View File
Any other relevant information	No File Uploaded

1.3.4 - Students undertake field visits / research projects / Industry internship / visits/Community postings as part of curriculum enrichment

MM(DU) has made provisions in all Academic Programs for students to undertake field visits/ research projects/ Industry internship/ visits/ Community postings.

All Academic Programs under the domain of Medicine, Dentistry, Nursing, Physiotherapy and Pharmacy, have extensive community postings as part of the curriculum enrichment under health camps are organized in rural areas to provide healthcare to the marginalized sections of the society. All PG students enrolled in MD/MS/DM/MCh/MDS/MPT/MPharm/MSc Nursing Programs are required to submit a thesis based upon the Research Projects/Case Reports undertaken by them.

All the students of MBBS and BDS have to undergo a mandatory internship of one year in Hospitals as a part of their curriculum. There is a mandatory provision for six months to one-year internship in Hospitals for all undergraduate students of Para-Medical Programs. The students of BPT and B.Sc. (Nursing) have to undergo internship of six months.

In the Curriculum of Technical Programs in the area of Engineering & Technology, Computer Applications, Management/Business Studies, Pharmacy, Hotel Management, Applied & Life Sciences, mandatory provisions have been made for Industry/Field Internship and Field Visits. In all B.Tech Programs and MCA, a mandatory provision has been made for Industry Internship. All students of BHMCT Program undergo two full semesters of internship. Similarly, the students of B.Sc Hospitality have to undergo internship twice for six months each. Students enrolled in MBA Program have provision of mandatory industrial training of six weeks.

File Description	Documents
List of Programmes and number of students undertaking field visits / research projects / internships/Industry visits/Community postings during the year	https://nc.mmudev.com/criterion-i/1-3/
Any other relevant information	Nil

1.4 - Feedback System

1.4.1 - Mechanism is in place for obtaining structured feedback on curricula/syllabi from various stakeholders Students Teachers Employers Alumni Professionals

A. All 4 of the above

File Description	Documents
Stakeholder feedback report as stated in the minutes of the Governing Council/Syndicate/ Board of Management	View File
URL for feedback report	https://www.mmumullana.org/igac/
Sample filled-in Structured Feedback forms by the institution for each category	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as:

A. Feedback collected, analyzed and action taken on feedback and such documents are made available on the institutional

File Description	Documents
URL for stakeholder feedback report	https://www.mmumullana.org/igac/
Action taken report of the University on feedback report as stated in the minutes of the Governing Council/ Syndicate/ Board of Management	View File
Any other relevant information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process

File Description	Documents
Number of seats filled against seats reserved (As per Data Template)	View File
Copy of letter issued by state govt. or and Central Government Indicating the reserved categories to be considered as per the state rule (in English)	View File
Final admission list published by the HEI	View File
Admission extract submitted to the state OBC, SC and ST cell for the year	View File
Initial reservation of seats for admission	View File
Any other relevant information	No File Uploaded

2.1.2 - Student Demand Ratio, applicable to programmes where State / Central Common Entrance Tests are not conducted

File Description	Documents
Institutional data in prescribed format (Data Template)	View File
Document relating to Sanction of intake	View File
Extract of No. of application received in each program	View File
The details certified by the Controller of Examination or Registrar evaluation clearly mentioning the programs that are not covered under CET and the number of applications received for the same	View File
Any other relevant information	No File Uploaded

2.1.3 - Student enrollment pattern and student profile to demonstrate national/international spread of enrolled students from other states and countries

2.1.3.1 - Number of students from other states and countries during the year

6079

File Description	Documents
List of students enrolled from other states and countries during the year	View File
E-copies of admission letters to the students enrolled from other States / Countries	View File
Copy of the domicile certificate/passport from respective states / countries	View File
Previous degree/ Matriculation / HSC certificate from other state or country	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.2 - Catering to Student Diversity

2.2.1 - The Institution assesses the learning levels of the students after admission and organises special programmes for advanced learners and slow performers. The Institution: Adopts measurable criteria to identify slow performers Adopts measurable criteria to identify advanced learners Organizes special programmes for slow performers and advanced learners Follows protocols to measure students' achievement

A. All of the Above

File Description	Documents
Methodology and Criteria for the assessment of Learning levels Details of special programmes	View File
Details of outcome measures	View File
Proforma created to identify slow performers/advanced learners	View File
Consolidated report to Dean academics /Dean student's welfare on special programs for advanced learners and slow learners for the year	View File
Any other relevant information	No File Uploaded

2.2.2 - Student - Fulltime teacher ratio (data for the preceding academic year)

2.2.2.1 - Total number of students enrolled in the specified year

11761

File Description	Documents
List of students enrolled in the preceding academic year	View File
List of full-time teachers in the preceding academic year in the University (with Designation and Highest Qualification)	View File
Any other relevant information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods are used for enhancing learning experiences by

The curricula of various programs have been designed to focus on student-centric learning. To cultivate students' leadership and organizational learning skills, student-centric methods such as seminars, case studies, industrial/field projects, live-case discussions, educational trips, expert talks, practice-based workshops, experiential learning, brainstorming activities, role-plays, group discussions, etc. are adopted.

Various curricular and co-curricular activities are organized through students' committees and councils to hone their latent skills on a routine basis.

Assignments and project-based learning are an integral part of the teaching-learning process. Language classes are arranged for the students including the international students to cater to their needs and to acclimatize them to the medium of instruction of the courses. Also, IT-based teaching platforms like SWAYAM, NPTEL, MOOCs, etc. are used.

Regular advanced training programs and exposure are given to the medical students at the prestigious medical institutes to facilitate further the evidence-based approach in patient management.

The MM(DU) allows students inter-disciplinary immersion with more than 1300 interdisciplinary and value added courses in different programs.

File Description	Documents
List of student-centric methods used for enhancing learning experiences during the year	https://www.mmumullana.org/modern-teaching-methods/
Any other relevant information	No File Uploaded

2.3.2 - The Institution has provision for the use of Clinical Skills Laboratory and Simulation-Based Learning The Institution:

1. Has Basic Clinical Skills Training Models and Trainers for clinical skills in the relevant disciplines. 2. Has advanced patient simulators for simulation-based training 3. Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation centre 4. Conducted training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning

A. All of the Above

File Description	Documents
Geotagged photographs of clinical skills lab facilities, clinical skills models, patient-simulators	View File
List of training programmes conducted in the facilities during the year	View File
List of clinical skills training models	View File
Proof of Establishment of Clinical Skill Laboratories	View File
Proof of patient simulators for simulation-based training	View File
Report on training programmes in Clinical skill lab/simulator Centre	View File
Any other relevant information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

2.3.3 - Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

MM (DU) has a robust ICT-enabled infrastructure to facilitate and provide the students unprecedented opportunities to integrate and enhance their learning by interacting with teachers to achieve the learning objectives. There are 187 classrooms that are fitted with LCD and WiFi/LAN facilities along with 43 classrooms fitted with smart boards.

The campus has access to high-speed internet with more than 2 Gbps bandwidth for the Internet. Further, MM (DU) has a subscription to Knimbus that provides access to more than 5 lakh E-books, more than 70 thousand journals, 1.5 lakhs videos, 750+ NPTEL courses, and more than a crore of research articles. Additionally, the library is equipped with more than 1.8 lakh e-books provided by EBSCO Information Services. There is a media and audio-visual center for the development of e-content with a lecture capturing system.

MM (DU) has access to OVID medical database which provides the best evidence-based and latest medical literature from all over the

world. The MM Institute of Medical Sciences and Research has a robust Hospital information system that records all the data of the patients admitted to the Hospital. The MM(DU) has proprietary software worth nearly Rs. Four crores in addition to the open-source software.

File Description	Documents
Details of ICT-enabled tools used during the year for teaching and learning	https://www.mmumullana.org/e-resources/
List of teachers using ICT-tools	https://www.mmumullana.org/e-content/
Any other relevant information	Nil

2.3.4 - Student: Mentor Ratio (preceding academic year)

Total number of mentors in the preceding academic year	Total number of students in the preceding academic year
903	11761

File Description	Documents
Details of fulltime teachers/other recognized mentors and students for the year	View File
Allotment order of mentor to mentee and records of mentors and mentees meetings for the year	View File
Copy of circular pertaining to the details of mentor and their allotted mentees	View File
Approved Mentor list as announced by the HEI	View File
Log Book of mentors	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.4 - Teacher Profile and Quality

2.4.1 - Number of fulltime teachers against sanctioned posts during the year

932

File Description	Documents
List of fulltime teachers and sanctioned posts for the year (Certified by the Head of the Institution)	View File
Position sanction letters by competent authority	View File
Appointment letters of faculty during the year	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.4.2 - Number of fulltime teachers with Ph.D./D.Sc./D.Lit./ DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils during the year

2.4.2.1 - Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. During the year data to be entered

540

File Description	Documents
List of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/MCh/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils and the number of fulltime teachers for the year	View File
Copies of Guide-ship letters or authorization of research guide provide by the competent authority	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.4.3 - Teaching experience of fulltime teachers in number of years (preceding academic year)

9222

File Description	Documents
List of fulltime teachers including details of their designation, department, total number of years of their teaching experience	View File
Experience certificate of fulltime teacher	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.4.4 - Number of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the year

425

File Description	Documents
List of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the year	View File
Reports of the e-training programmes	View File
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	View File
Web-link to the contents delivered by the faculty hosted in the HEI's website	https://www.mmumullana.org/e-content/
List of e-contents / e courses / video lectures / demonstrations developed	View File
Any other relevant information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

2.4.5 - Number of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academies during the year

115

File Description	Documents
Institutional data in the prescribed format/ Data Template	View File
Certified e-copies of award letters (scanned or soft copy)	View File
Any other relevant information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination to the date of declaration of results during the year

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination to the date of declaration of results in the year

File Description	Documents
List of Programmes and dates of declaration of last semester-end and yearend examination results	View File
Reports from Controller of Exam (COE) office/ Annual reports mentioning the relevant details	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

18

File Description	Documents
Certificate from Registrar / Controller of examination / Data on student grievances from the office of the Registrar (Evaluation)	View File
Minutes of the grievance cell / relevant body	View File
List of complaints / grievances during the year	View File
List of students who appeared in the exams during the year (Data template)	View File
Any other relevant information	No File Uploaded

2.5.3 - Evaluation-related Grievance Redressal mechanism followed by the Institution. The University adopted the following for the redressal of evaluation-related grievances.

1. Double valuation/Multiple valuation with appeal process for re totalling/revaluation and access to answer script

File Description	Documents
Provide links to the examination procedure and re-evaluation procedure developed by the Institution and duly hosted in the Institution's website	https://www.mmumullana.org/examination-procedure/
Report of the Controller of Examination/ Registrar evaluation regarding the Grievance Redressal mechanism followed by the Institution	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.5.4 - Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system. Describe examination reforms implemented by the University during the year with reference to the following within 100 - 200 words

Main objective of examination reforms is to improve the transparency in the evaluation process by ensuring the reliability and secrecy in the entire Process. Following measures are taken in our examination system:

1. For Technical and Management programs, the question paper is designed in a manner keeping in view the slow and fast learners, where short answer type questions of 1 and 2 marks are also included in the question paper.

2. Ph.D. theses are evaluated by two examiners selected by the Vice-Chancellor from the panel recommended by the concerned BOS, one of whom should be from Foreign University/Research Lab. The institution deemed to be University has an agreement with INFLIBNET for depository of the evaluated Theses on "Shodhganga".

3. Degrees are got printed on tearless paper with following new security features introduced in the Degrees/DMCs of the MM(DU):

- Copy Void Features
- Security Design
- Microline Transparent Printing

- Sr. No. Printing
- Invisible Printing
- Ghost Image
- Florescent Colour
- Non Copy-able Security Border
- Non tear-able paper
- QR Code
- Barcode
- Printed Water Mark

4. Examination Branch is completely automated.

File Description	Documents
Details of examination reforms implemented during the year	https://nc.mmudev.com/pdf/c2/2-5/2-5-4/examination-reforms.pdf
Any other relevant information	No File Uploaded

2.5.5 - Status of automation of Examination division using Examination Management System (EMS) along with approved online Examination Manual Options (Choose an applicable option):

A. Complete automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Snapshot of EMS used by the Institution	View File
Copies of the purchase order of the software/AMC of the software	View File
The present status of automation., Invoice of the software, & screenshots of software	View File
Annual report of examination including present status of automation as approved by BOM / Syndicate / Governing Council	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

2.6 - Student Performance and Learning Outcomes

2.6.1 - The Institution has stated learning outcomes /graduate attributes as per the provisions of Regulatory Bodies which are integrated into the assessment process and widely publicized through the website and other documents Provide details of the stated learning outcomes for each programme / course as stipulated by the appropriate Regulatory Body and the methods followed by the Institution for assessment of the same within 100 - 200 words

The curricular philosophy of the Institute is realized by defining programme/course specific outcomes and learning outcomes that bring out the desired competencies expected in programme with the aim to have defined benefits to various stakeholders. Each program has identified well-defined Program Educational Objectives (PEO) which are reflected in the Program Outcomes (PO) and Program Specific Outcomes (PSO) which in turn are reflected in the course outcomes of curriculum of each course. For the programs which fall under various regulatory bodies like AICTE, NMC, DCI, PCI, INC, BCI etc., the outcomes are mapped with the outcomes identified by the respective body. In respect of other programs, the guidelines issued by UGC are followed.

Learning outcomes: Learning outcomes are concise and clearly stated, specific enough to be observable and measurable and thus capable of being assessed. At one end, the outcomes are broad enough so as not to limit flexibility in achieving and at the same time, they are realistic enough according to available time and resources. The

learning outcomes are widely publicized through the course outcomes of each course at the website of the institution Deemed to be University.

File Description	Documents
Relevant documents pertaining to learning outcomes and graduate attributes	https://nc.mmudev.com/pdf/c1/1-1/1-1-1/PO-COs-2021-22.pdf
Methods of the assessment of learning outcomes and graduate attributes	https://nc.mmudev.com/pdf/c2/2-6/2-6-1/attainment-of-learning-outcomes.pdf
Any other relevant information	No File Uploaded

2.6.2 - Pass percentage of final year students in the year

2.6.2.1 - Number of final year students of all the programmes, who passed in the university examinations in the year

2338

File Description	Documents
List of Programmes and the number of students appeared and the number of students passed in the final year examination for the year	View File
Institutional data in prescribed format (Data Template)	View File
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for year	https://nc.mmudev.com/pdf/c2/2-6/2-6-2/bom-report/2021-22.pdf
Any other relevant information	No File Uploaded

2.7 - Student Satisfaction Survey

2.7.1 - Online student satisfaction survey regarding teaching learning process

File Description	Documents
Any other relevant information	No File Uploaded
Database of all currently enrolled students (Data Template)	View File

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The Institution has a well-defined Research promotion policy and the same is uploaded on the Institutional website

MM(DU) has a well-defined Research Promotion Policy (RPP) and the same is uploaded on the website which can be accessed at

<https://nc.mmudev.com/pdf/c3/3-1/3-1-1/research-promotion-policy-2021-22.pdf>.

The Research Promotion Policy gives information on the promotional activities of this Deemed to be University which is guided and monitored by the Research and Development Cell comprising of members from different Institutes, who have significant research credentials in terms of publications and citations. MM (DU) has earmarked 3.5% of the total tuition fees for research. The broad objectives of the Research Promotion Policy of the MM(DU) is to formulate a road map to achieve excellence in research, create a population of highly trained research personnel and develop a strong research culture with integrity and scientific ethics.

The Research Promotion Policy has inbuilt provisions to provide for incentives in different forms and confer Best Researcher Awards. In order to facilitate the faculty and the students in research, Central Research Labs have been set up with investment of Crores of Rupees. The Research and Development cell advises the faculty to achieve the said objectives. The team also organizes meetings with scientists from different organizations to apprise the young faculty members of the funding opportunities from Government source.

File Description	Documents
Minutes of the meetings of Governing Council/ Syndicate/Board of Management for the year related to research promotion policy adoption	View File
Document on Research promotion policy	View File
Any other relevant information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

5.50

File Description	Documents
Sanction letter of seed money to the faculty	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving seed money and details of seed money received (Data Template)	View File
Any other relevant information	No File Uploaded

3.1.3 - Number of teachers awarded national/international fellowship/Financial support for advanced studies/collaborative research/conference participation in Indian and Overseas Institutions during the year

496

File Description	Documents
Certified e-copies of the award / recognition letters of the teachers	View File
List of teachers and their national/international fellowship details (Data Templates)	View File
Any other relevant information	No File Uploaded

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

34

File Description	Documents
List of research fellows and their fellowship details	View File
E copies of fellowship award letters	View File
Registration and guide / mentor allocation by the Institution	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

**3.1.5 - University has the following facilities
Central Research Laboratory / Central
Research Facility Animal House/ Medicinal
plant garden / Museum Media
laboratory/Business Lab/e-resource Studios
Research/Statistical Databases/Health
Informatics Clinical Trial Centre Any other
facility to support research**

A. Any 5 of the Above

File Description	Documents
Videos and geo-tagged photographs	https://nc.mmudev.com/criterion-iii/3-1/3-1-5/videos-and-geo-tagged-photographs/
List of facilities provided by the University and their year of establishment (Data Template)	View File
List of the facilities added in the current academic year	View File
Any other relevant information	No File Uploaded

3.1.6 - Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by national and international agencies, (excluding mandatory recognitions by Regulatory Councils for UG /PG programmes)

3.1.6.1 - The Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by National and/or International agencies

8

File Description	Documents
E-copies of departmental recognition award letters	View File
List of departments and award details (Data Template)	View File
Any other relevant information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants for research projects /clinical trials sponsored by Non-Government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc., in the Institution during the year

Rs. 1,92,22,200

File Description	Documents
E-copies of the grant award letters for research projects sponsored by nongovernment organizations	View File
List of project and grant details (Data Template)	View File
Any other relevant information	No File Uploaded

3.2.2 - Grants for research projects/clinical research project sponsored by the Government funding agencies during the year

Rs. 8,87,300

File Description	Documents
E-copies of the grant award letters for research projects sponsored by government agencies	View File
List of projects and grant details (Data Template)	View File
Any other relevant information	No File Uploaded

3.2.3 - Ratio of research projects/clinical trials per teacher funded by Government/Industries and Non-Government agencies during the year

3.2.3.1 - Number of research projects/clinical trials funded by Government /industries and non-government agencies during the year

118

File Description	Documents
List of research projects and funding details (Data Template)	View File
Supporting document/s from Funding Agencies	View File
Copy of the letter indicating sanction of research project funded by Govt./Non-Govt agency and industry including names of teachers and amount in INR	View File
Any other relevant information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and entrepreneurship with an Incubation centre, entrepreneurship cell

MM(DU) actively supports innovation and other initiatives for generation and transfer of knowledge.

Centre for Skills and Entrepreneurship Development (CSED) has been established in which curriculum-based advanced courses in the respective domains are offered apart from Value Added Courses to enhance the employable skills of the students.

Incubation Centre is a platform committed to provide all the facilities required for the startup communities. Our incubation center is open for all of our students as well as faculty members. They get the facility of state-of-the-art labs, computer labs and instant mentoring support from our well-educated and experienced faculty. At our incubation center, we provide mentoring support to all incubates in terms of identification of opportunities, brainstorming, prototyping, making products and commercialization.

MM(DU) is having Centres of Excellence like BOSCH, GOOGLE, CISCO and SAP etc. with aims to bridge the gap between industry and academia by incorporating global industrial practice and technologies into the academic curriculum. Students get exposure to the world-class infrastructure with state-of-the-art technologies, equipment, training kits, hardware, software and teaching aids with excellent faculty trained by industry experts.

File Description	Documents
Geotagged photographs of the facilities and innovations made	View File
Any other relevant information	View File

3.3.2 - Workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and Industry-Academia Collaborations during the year

Apart from regularly organizing various academic programs in different areas, the MM(DU) has conducted a number of seminars/ conferences/ workshops, etc. on Intellectual Property Rights (IPR) and Research Methodology in addition to taking initiatives for organizing programs on Good Clinical and Professional Practices and Industry-Academia Collaborations.

In order to accomplish this objective, the constituent institutes have organized a number of Seminar/ Workshops/Guest Lectures during the year. The MM(DU) has also signed a Memorandum of Agreement with the National Research and Development Corporation (NRDC) for the commercialization of the technologies developed by the inventors of MM(DU) to the interested entrepreneurs and industries as per mutually agreed terms and conditions. As a result of these initiatives, more than 200 patents and copyrights have been filed, 157 patents have been published and 59 patents and 22 copyrights have been awarded during the year.

The Ph.D. Course work of duration of one semester includes courses on research methodology, quantitative methods, computer applications, Research and Publication Ethics, and a review of published research in the relevant field.

In order to provide quality healthcare to society, programs were also conducted on Good Clinical Practices and Good Laboratory Practices to train and induct healthcare professionals and students across all healthcare and other disciplines of MM(DU).

File Description	Documents
Reports of the events	https://nc.mmudev.com/criterion-iii/3-3/3-3-2/
List of workshops/seminars on the above conducted during the year	https://nc.mmudev.com/criterion-iii/3-3/3-3-2/
Any other relevant information	No File Uploaded

3.3.3 - Number of awards / recognitions received for innovation / discoveries by the Institution/teachers/research scholars/students from recognized bodies during the year

3.3.3.1 - Total number of awards/recognitions received by the Institution/teachers/research scholars/students from recognized bodies during the year

49

File Description	Documents
E-Copies of award letters (scanned or soft copy) for innovations with details of awardee and awarding agency	View File
Link to appropriate details on the Institutional website	https://www.mmumullana.org/press-release/mmd-us-faculty-makes-it-to-top-2-list-of-scientists-of-stanford-university-california/
Institutional data in prescribed format (Data Template)	View File

3.3.4 - Number of start-ups incubated on campus during the year

3.3.4.1 - Number of start-ups incubated on campus during the year (a startup to be counted only once)

13

File Description	Documents
Registration letter	View File
E- sanction order of the University for the start-ups on the campus	View File
Contact details of the promoters	View File
List of start-ups- details like name of the start-up, nature, year of commencement etc (Data Template)	View File
Any other relevant information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following Research methodology with course on research ethics Ethics committee Plagiarism check Committee on Publication guidelines

A. All of the Above

File Description	Documents
Institutional code of Ethics document	View File
Course content of research ethics and details of members of Ethics Committee	View File
Copy of software procurement for plagiarism check	View File
Minutes of the relevant committee meetings for the year with reference to the code of ethics	View File
Details of committee on publication guidelines	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

3.4.2 - The Institution provides incentives for teachers who receive state,national or

A. All of the Above

**international recognitions/awards. Options:
 Career Advancement Salary increment
 Recognition by Institutional website
 notification Commendation certificate with
 cash award**

File Description	Documents
Policy on Career advancement for the awardees	View File
Policy on salary increment for the awardees	View File
Snapshots of recognition of notification in the HEI's website	View File
Copy of commendation certificate and receipt of cash award	View File
List of the awardees and list of awarding agencies and year with contact details for the year	View File
Incentive details (link to the appropriate details on the Institutional website)	View File
Institutional data in prescribed format (Data Template)	View File

3.4.3 - Number of Patents/ Copyrights published/awarded/technology-transferred during the year

3.4.3.1 - Total number of Patents/ Copyrights published/awarded/ technology-transferred during the year

237

File Description	Documents
List of patents/Copyrights and the year they were published/awarded	View File
E- copies of the letters of award/ publication of patent/copyright/ technology-transferred	View File
Technology transfer document	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

3.4.4 - Number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines awarded per recognized PG teacher of the Institution during the year

3.4.4.1 - Number of Ph. Ds /DM/M Ch/PG degrees in the respective disciplines awarded per recognized PG teacher of the Institution during the year

307

File Description	Documents
List of PhD/DM/M Ch candidates with details; like name of the guide, title of the thesis, year of award, award letter etc	View File
Web page for research in the Institutional website.	https://www.mmumullana.org/research
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	No File Uploaded

3.4.5 - Number of research papers per teacher in the approved list of Journals in Scopus / Web of Science/ PubMed during the academic year

File Description	Documents
List of research papers by title, author, department, name and year of publication and Scopus/Web of Science/PubMed list ref. No: (Data Template) /link	View File
Names of the indexing databases	View File
Any other relevant information	No File Uploaded

3.4.6 - Number of research papers per teacher in the approved list of Journals notified in UGC-CARE list during the academic year

3.4.6.1 - Number of research papers in the approved list of Journals notified on UGC website during the year

769

File Description	Documents
List of research papers with title, author, department, name and year of publication and UGC list ref. No: (link)	https://nc.mmudev.com/pdf/c3/3-4/3-4-6/Research-papers-UGC-CARE-list-2022-23.pdf
Names of the indexing databases	View File
Any other relevant information	View File

3.4.7 - Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed UGC-CARE list during the year

3.4.7.1 - Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed during the academic year

303

File Description	Documents
List of books and chapters in edited volumes / books published (Data Template)	View File
List of names of publishers: National/ International	View File
Any other relevant information	No File Uploaded

3.4.8 - Bibliometrics of the publications during the calendar year based on average Citation Index in Scopus/ Web of Science

3.82 / 4.01

File Description	Documents
List of the publications during the year	View File
Any other relevant information	No File Uploaded

3.4.9 - Provide Scopus/ Web of Science – h-index of the Institution for the academic year

84 / 73

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any other relevant information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on IPR and consultancy including revenue sharing between the Institution and the individual, besides a training cum capacity building programme for teachers, students and staff for undertaking consultancy

MM(DU) has a well-defined policy approved by the Executive Council to undertake consultancy initiatives, research innovations, transfer of technology, and revenue sharing as described below:

PATENTS/COPYRIGHTS:The cost of filing/ publishing Patent by faculty member(s)/Research Scholar(s)/Student(s) is borne by the MM(DU) with the condition that all patent rights will belong to the MM(DU). In case of Technology Transfer for commercial purpose, the royalty earned is shared between MM(DU) and Inventor(s) on pre and mutually agreed terms and conditions with Inventor(s)' share not exceeding 50%. MM(DU) pays a cash incentive of Rs.10000.00 for any Patent awarded to the concerned faculty member(s)/Research Scholar(s)/Student(s). MM(DU) has signed MOA with National Research and Development Corporation (NRDC) for the commercialization of the technologies developed by the inventors of MM(DU).

CONSULTANCY: Well-defined consultancy rules are there for sharing of revenue raised from consultancy. After obtaining the formal permission from Head of the Institution/Department, the Principal

Investigator raises the advance bill for the job, if required. The amount claimed for consultancy is collected in the form of a bank draft/cheque in the name of the concerned Institution or in cash under proper receipt. The revenue raised is shared between MM(DU) and Researchers and others in 30:70 ratio out of net benefit.

File Description	Documents
Minutes of the Governing Council/ Syndicate/Board of Management related to IPR and consultancy policy	https://nc.mmudev.com/pdf/c3/3-5/3-5-1/ipr-and-consultancy-policy.pdf
Link to the soft copy of the IPR and Consultancy Policy	https://nc.mmudev.com/pdf/c3/3-5/3-5-1/ipr-and-consultancy-policy.pdf
List of the training / capacity building programmes conducted during the year	https://nc.mmudev.com/criterion-iii/3-5/3-5-1/
Any other relevant information	Nil

3.5.2 - Revenue generated from advisory / R&D consultancy projects (exclude Patients consultancy) including Clinical trials during the year

3.5.2.1 - Total amount generated from consultancy during the year (INR in lakhs)

105.44

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy/clinical trials	View File
CA certified copy/Finance Officer Certified copy attested by head of the Institution	View File
List of consultants and revenue generated by them (Data Template)	View File
Any other relevant information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension and outreach activities such as community Health Education, Community

health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, Government and Non- Government Organisations engaging NSS/NCC/Red Cross/YRC, Institutional clubs etc., during the year

3.6.1.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

178

File Description	Documents
Photographs or other relevant supporting document	View File
Detailed program report for each extension and outreach program with specific mention of number of students and collaborating agency participated	View File
Description of participation by NSS/NCC/Red cross/YRC, Institutional clubs etc., for the year	View File
Any other relevant information	No File Uploaded

3.6.2 - Number of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1

4461

File Description	Documents
Reports of the events organized	View File
Number of extension and outreach activities conducted with industry, community health camps etc., for the year (Data Template)	View File
Geo tagged Photos of events and activities	View File
Any other relevant information	No File Uploaded

3.6.3 - Number of awards and recognitions received for extension and outreach activities from Government / other recognized bodies during the year

The community departments of Medical and Dental Institutes are

regularly reaching out to the local community by organizing health check-up and awareness camps. Similarly, the nursing, agriculture, pharmacy and physiotherapy students also take part in awareness camps organized for the nearby areas. Legal Aid camps are also organized by the Department of Law.

The activities undertaken by NSS Unit include:

- Painting, Drawing, Acting, Dancing, etc. to depict social issues for children
- Physical activities such as Yoga, Sports, Games, etc. for Middle School students. They are also taught to express their views in the form of Essays, Poetries, etc.
- Awareness about old age health issues such as Blood Pressure, Blood Sugar, joint pains, etc
- Cleanliness drive in the village by the student volunteers.

The NSS Units organize Blood Donation Camps regularly in collaboration with the Indian Red Cross Society, Ambala. During the year, the NSS Unit of the MM(DU) has organized 16 extension and outreach activities with the participation of more than 2600 students of the institutions of Engineering, Medical Sciences, Dental Sciences, Physiotherapy, Nursing, Pharmacy, Law, etc.

Some of the faculty members of dental college of MM(DU) have been awarded the appreciation award for imparting dental health education at various schools in the vicinity. In the same context, faculty of MM College of Nursing has also been appreciated by Sarpanch of the nearby villages for their outstanding contribution to organizing health camps.

File Description	Documents
Number of awards for extension activities in the year- e-copy of the award letters	View File
List of Government/other recognized bodies that have given the awards	View File
Any other relevant information	No File Uploaded

3.6.4 - Institutional social responsibility activities in the neighborhood community in terms of

education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio-economic development issues carried out by the students and staff, including the amount of expenditure incurred during the year

MM(DU) is fully aware of its social responsibility towards its neighbourhood community and has been taking up a number of activities through its various units. Faculty of Medical Sciences is actively engaged in providing comprehensive health care services to local population in terms of promotive, preventive, curative and rehabilitative measures.

Thus, regular health awareness, cataract screening and treatment camps, family planning camps and dental care camps are organized frequently where faculty and students participate with great zeal and enthusiasm. Educational talks, role plays, and demonstrations are conducted during these sessions to make the public aware about the common health problems and to motivate them for adopting healthy life style.

NSS units of MM(DU) consist of 500 enthusiastic volunteers belonging to various disciplines. They work on a diverse range of social issues including health care, blood donation, health awareness, hygiene and cleanliness drive, literacy drive, environmental issues, socio-economic development issues, etc.

The Blood Donation Camp is organized by NSS units of MM(DU) in collaboration with the Red Cross Society. This event has always been a huge success thus saving the lives of thousands every year. It attracts a large number of volunteers and other students willing to donate blood. MM (DU) has incurred a sum of more than Fifteen Crores towards the Institutional social responsibility activities in the neighborhood community during the last year.

File Description	Documents
Geotagged photographs of Institutional social responsibility activities	https://nc.mmudev.com/criterion-iii/3-6/3-6-1/photographs-or-any-supporting-document/
Link for additional information	Nil
Link for additional information	Nil

3.7 - Collaboration

3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange/

Industry-internship etc conducted during the year

3.7.1.1 - Total number of Collaborative activities for research, faculty exchange, student exchange during the year

354

File Description	Documents
List of Collaborative activities for research, faculty exchange etc., (as per Data Template)	View File
Certified copies of collaboration documents and exchange visits	View File
Link with collaborating Institution's website	https://nc.mmudev.com/criterion-iii/3-7/3-7-1/
Any other relevant information	No File Uploaded

3.7.2 - Presence of functional MoUs with Institutions/ industries in India and abroad for academics, clinical training / internship, on-the-job training, project work, student / faculty exchange, collaborative research programmes etc., during the year

3.7.2.1 - Number of functional MoUs for faculty exchange, student exchange, academics, clinical training, internship, on-the-job training, project work, collaborative research programmes etc., during the year

20

File Description	Documents
E-copies of the functional MoU's with institution/ industry/ corporate house, Indicating the start date and completion date	View File
Institutional data in prescribed format	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate physical facilities for teaching –learning, skills acquisition etc.

The Institution has more than 11000 students studying in various Bachelor's, Master's Degrees, PG Diplomas and Ph.D Programmes. The campus extends over an area of nearly 130 acres of land.

The classrooms of all the departments are ICT enabled and consist of provisions of LCD Projector, white and green board having good ambience, adequate lighting and good ventilation. One classroom of each Institute is equipped with Lecture Capturing System. All the constituent Institutes have seminar halls with LCD projectors, Computers with internet connectivity through more than 2 Gbps bandwidth. There are tutorial rooms to conduct the remedial classes of the students in smaller groups.

The MM (DU) has established a Clinical Skill Laboratory for Simulation based Learning and Training, Assessment & Research for students of the courses of UG and PG in the medical stream as also for the students of Nursing and Physiotherapy with the interactive simulation mannequins from Laerdal Medical, Norway and Simulation Surgical state-of-the-art simulators from Simbionix Ltd., Israel on a total expenditure of nearly Rs. 20 crores. MM(DU) has also established Centre for Skills and Entrepreneurship Development (CSED) with a budget of nearly Rs. 26 crores. MM(DU) has more than 2000 computers and all are connected through LAN. The MM(DU) has a number of centers of excellence which include BOSCH, CISCO, GOOGLE, etc.

File Description	Documents
Teaching- learning and skills acquisition facilities in the Institution	https://www.mmumullana.org/uniquemmu
Geotagged photographs of the facilities	https://nc.mmudev.com/criterion-iv/4-1/4-1-1/
Any other relevant information	Nil

4.1.2 - The Institution has adequate facilities to support physical and recreational requirements of students and staff: sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre etc. and for cultural activities

The institute has its own auditorium with foyer with a sitting capacity of approx. 1500 audience duly well equipped with state-of-the-art light and sound system. The Institute also has an Open-Air Theatre called the Queen's Stage where audience between 2500-3000 can be accommodated. Apart from sports facilities available in Hostels, the details of the sports facilities available in the MM(DU) are as under:

- Athletics 400 Metre Track, Standard Track, Long Jump Pit, Shot

Put and Discus Throwing sector

- Basketball Courts
- Badminton Synthetic Court (Indoor) and outdoor courts
- Cricket Ground
- Football Ground
- Kabaddi and Kho-Kho Ground
- Squash Court
- Swimming Pool
- Table Tennis Hall
- Volleyball Court
- Gymnasium
- Yoga Hall
- Karate Hall
- Hand Ball Court

File Description	Documents
Available sports and cultural facilities: with geotagged photos	https://nc.mmudev.com/criterion-iv/4-1/4-1-2/
Any other relevant information	Nil

4.1.3 - Availability and adequacy of general campus facilities and overall ambience

MM (DU) has 14 Hostels of which 4 are dedicated to boys while 7 are allocated for girls. Two hostels are earmarked for PG students while one Hostel is reserved for foreign students. MM(DU) has a capacity of accommodating 5500 students in Hostels. Each Hostel has a Common Room well equipped with television/magazine/newspapers, etc; apart

from indoor recreational activities and basic gym facilities and free Wi-Fi.

940 Bedded state-of-the-art multi-Speciality and 200 bedded Super Specialty Hospitals on the Campus provide all investigations and treatment facilities at zero cost to all the students of the campus. There are two shopping complexes with outlets for various daily needs and number of food joints.

Apart from Post Office and its own Petrol pump, the campus houses four banks at prominent locations. MM(DU)has a lush green campus with a number of dedicated parks, good landscape and green trees around the campus. Almost every block is adjoined by a mini-Green landscape having some food kiosks as well.

MM (DU) houses a Water Sewage Plant with a sewage treatment capacity of 2.6 MLD. Almost, every building of MM (DU) is mounted with arrays of Solar Panels with a nearly 4800 KW capacity Solar Power Generation Plant

File Description	Documents
Geotagged Photographs of Campus facilities	https://nc.mmudev.com/criterion-iv/4-1/4-1-3/
Any other relevant information	Nil

4.1.4 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year

4.1.4.1 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year (INR in lakhs)

1123.78

File Description	Documents
Audited report / utilization statements (highlight relevant items)	View File
Details of budget allocation, excluding salary during the year (Data Template)	View File
Any other relevant information	No File Uploaded

4.2 - Clinical, Equipment and Laboratory Learning Resources

4.2.1 - Teaching Hospital/s, Equipments, Laboratory and clinical teaching-learning facilities including equipment as per the norms of the respective Regulatory Bodies

Started in the year 2003 with the course of MBBS, the M. M. Institute of Medical Sciences & Research has grown from strength to strength and culminated as one of the best Institutes in Northern India and country as well, well equipped with state-of-the-art facilities. The Institute has a well-equipped education, communication and media centre to facilitate conduct of advanced presentation.

The College has been approved by National Medical Commission for undergraduate course and post graduate courses in 21 disciplines and Super Speciality courses in 4 disciplines. Ph D programmes are also being run in five non-clinical disciplines.

To fulfil the commitment of providing quality education, the institute has upgraded its Simulation lab with high fidelity mannequins like SIM Man 3G, Angiography mentor, Laparoscopic Surgery Mentor, Advanced Obstetrics mannequins, Nursing Anne Mannequin, Virtual dissection, etc. Students are trained in the simulated environment which helps them not only to learn academics but also develop clinical skills and ethics. The Central Clinical laboratory in the Hospital is fully automated with equipment like Advanced Autoanalyzers, Vitek automated culture and sensitivity machine, Back for rapid culture and diagnosis of tuberculosis. VRDL lab and Molecular Biology Lab for molecular and gene studies is also functional in the institute.

Central Laboratory, Radio diagnosis, Anaesthesia, Eye, ENT and Basic departments are well equipped for the practical training of students in various Paramedical courses so that they can work as capable and qualified Paramedical staff.

File Description	Documents
The facilities as per the stipulations of the respective Regulatory Bodies with Geotagged photos	https://mmimsr.mmumullana.org/infra_detail.php
List of facilities available for patient care, teaching- learning and research with geotagged evidences	https://nc.mmudev.com/criterion-iv/4-2/4-2-1
Any other relevant information	Nil

4.2.2 - Describe the adequacy of both outpatients and inpatients in the teaching hospital vis-a-vis the number of students trained and programmes offered (based on HIMS / EMR)

Most important aspect of the teaching in a Medical College is practical training and teaching and for that we have more than adequate Clinical material in our attached 940 Bedded state-of-the-art Multi-Speciality and 200 bedded Super-Specialty Hospitals. OPD and IPD clinical material in the Teaching Hospital is adequate for the teaching and practical training of both Undergraduate and Postgraduate students rather more than what is required as per the norms of National Medical Commission. Number of patients treated in the teaching hospital during the year is as given below:

- OPD - 615053
- IPD - 54234

Following are the details of students trained in various Courses for the Year 2022-23:

- MBBS - 150, MD- 105, MS - 44, DM - 4, M.Ch- 4, M.Sc- 75, B.Sc- 325, Diploma- 15

As mentioned above, the clinical material available is sufficient for the training of the undergraduate and postgraduate students teaching and meets the requirement of National Medical Commission (NMC). It may also be mentioned that all the data is as per HIMS system of the hospital. The clinical material is also inspected many times by NMC and monthly update of HIMS data clinical material is done monthly on the College website as per the regulations of

National Medical Commission (NMC).

File Description	Documents
Outpatient and inpatient statistics for the year	https://nc.mmudev.com/pdf/c4/4-2/4-2-2/clinical-material-2022-23.pdf
Description of the adequacy of outpatient and inpatient statistics as per the norms of the Regulatory Bodies (critical documents to be verified by DVV)	https://mmimsr.mmumullana.org/daily-clinical-materials.php
Link to hospital records / Hospital Management Information System	https://mmimsr.mmumullana.org/

4.2.3 - Availability of infrastructure for community-based learning. Institution has: Attached Satellite Primary Health Centers Attached Rural Health Centers for training of students Attached Urban Health Centre for training of students Residential facility for students / trainees at the above peripheral health

A. All of the Above

File Description	Documents
Geotagged photographs of Health Centers	View File
Government Order on allotment/assignment of PHC to the Institution	View File
Documents of resident facility	View File
Any other relevant information	View File

4.2.4 - Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency? NABH accreditation NABL accreditation International

A. All of the Above

accreditation like JCI, ISO certification of departments /Institution GLP/GCLP accreditation.

File Description	Documents
Copies of the Certificate/s of Accreditations	View File
Any other relevant documents	No File Uploaded
Data Template in prescribed format	View File

4.3 - Library as a Learning Resource

4.3.1 - Library is automated using Integrated Library Management System (ILMS)

MM(DU) has well-stocked and technology-embedded libraries covering various domains of higher education with specific emphasis on quality in higher education and accreditation. Libraries are completely automated with barcodes for computerized circulation and OPAC through Intranet. MM(DU) library System is embellished with over 2.23 lac books. The MM(DU) Library system is one of the well established as well as uniquely structured systems comprising multidisciplinary centralized libraries and departmental libraries. More than 22000 e-journals and other academic materials are accessible through online databases subscribed by the MM(DU) and open access e-resources. The entire university is a huge LAN based network, all system connects with more than 2 Gbps bandwidth speed.

Software for University Libraries (SOUL), a state-of-the-art integrated library management software designed and developed by the INFLIBNET is being used to automate all housekeeping operations in the library. MM(DU) libraries commenced their automation using SOUL in 2003 with barcode technology.

Central Library is also having the 'D-Space' Digital Library Software which is an open source software, installed to organize, manage and provide an access to the institutional repositories and other digital collection of the library. It was installed in 2018 under the drive of digitization of libraries with following features:

- Barcode and QR technology Integration of Library Services.
- E-Library facilities and Remote Access availability of e-Resources.
- Central Library and Institutional Libraries are equipped with

65 nos. of Computers, Internet and Wi-Fi Facility.

- Created Open Source direct accessible PDF for the students of MM(DU).

File Description	Documents
Geotagged photographs	https://nc.mmudev.com/criterion-iv/4-3/4-3-1/
Any other relevant information	Nil

4.3.2 - Number of books and reference volumes as well as collection of ancient books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment especially with reference to traditional systems of medicines

Libraries of M. M. (Deemed to be University) cover a wide range of disciplines through the collection of Textbooks, Reference Books, Journals including e-books, e-databases, e-journals, manuscripts, CDs, DVDs, Newspapers, and Magazines etc. Our well-equipped and resourceful libraries also provide an opportunity to its users to stand in the research-oriented as well as the competitive environment with International/ National Journals and standard educational material. Our library acquisition system follows the proper standard and norms during the procurement and subscriptions.

Details of various resources:

- Text Books - 218641
- Reference Books - 3570
- Ancient Books/Manuscripts/Digitized Traditional Manuscripts and Discipline Specific Books in Ancient Indian Languages - 425
- Traditional systems of medicine - 410
- General Books - 442
- e-Books - 232305
- Print Journals (International) - 214
- Print Journals (National) - 470
- e-Journals (International/National) - 22574

Total Books = 223488 (Print) Total Books = 232305 (e-Books)

Libraries of the MM(DU) have more than 2,18,000 volumes of Textbooks

and well-equipped reference material such as dictionaries, encyclopedias, handbooks, manuals, directories, etc. available separately in each library.

Ancient books/Manuscripts are the main foundation of historic evidence. Digital conservation of documents restores it from destruction, theft and falloff. Our Libraries have 425 ancient books/ manuscripts/digitized traditional manuscripts etc. for their users.

It quite ensures that the next generation will be a move towards technology. To see technology impact, Libraries are giving more stress to its e-collection from the past few years to reach every user. Accordingly, MM(DU) libraries provide access to nearly 2.32 lakh e-books to its readers.

File Description	Documents
Library acquisition data for the year	https://www.mmumullana.org/library-acquisition-data
Any other relevant information	No File Uploaded

4.3.3 - Does the Institution have an e-Library with membership/ subscription for the following e – journals / e-books consortia e - ShodhSindhu Shodhganga SWAYAM Discipline-specific Databases **A. All of the Above**

File Description	Documents
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc. (Data Template)	View File
E-copy of subscription letter/membership letter or related document with the mention of year	View File
Any other relevant information	No File Uploaded

4.3.4 - Annual expenditure for purchase of books and journals (including e-resources) during the year

4.3.4.1 - Annual expenditure for purchase of books and journals during the year (INR in lakhs)

463.66

File Description	Documents
Provide consolidated extract of expenditure for purchase of books and journals during the year duly attested by Finance Officer	View File
Audited Statement highlighting the expenditure for purchase of books and journal library resources	View File
Proceedings of Library Committee meetings for the year for allocation of fund and utilization of fund	View File
Details of annual expenditure for purchase of books and journals for the year (Data Template)	View File
Any other relevant information	No File Uploaded

4.3.5 - E-content resources used by teachers/students Other MOOCs platforms SWAYAM Institutional LMS e-PG-Pathshala Any other Government Initiatives

A. All of theAbove

File Description	Documents
Give links or upload document of e-content developed	View File
Supporting documents from the hosting agency for the e-content developed by the teachers	View File
Give links e-content repository used by the teachers / Students	https://www.mmumullana.org/e-resources/
Data Template	View File

4.4 - IT Infrastructure

4.4.1 - Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities (data for the preceding academic year)

4.4.1.1 - Number of classrooms, seminar halls and demonstration room with ICT facilities

File Description	Documents
Number of classrooms, seminar halls and demonstration room with ICT enabled facilities (Data Template)	View File
Description of new facilities added during the preceding academic year	View File
Consolidated list duly certified by the Head of the institution	View File
Geotagged photographs	View File
Any other relevant information	No File Uploaded

4.4.2 - Institution frequently updates its computer availability for students and IT facilities including Wi-Fi

There are more than 2000 computers/laptops available with latest configuration of Apple, DELL, HP, ACER (Intel Core i7, Core i5, Core i3), Servers & SAN Storage, surveillance system and networking devices (switches, routers).

The MM(DU) has proprietary software worth nearly Rs. Four crores including Microsoft volume license, MATLAB 7.0, Labview, University Management Suite, Pro-Engineer CAD/CAM/CAR, PSCADX4, HIS, LIS, DMS, PAC, Google Chrome, etc.

There are 187 IT enabled classrooms and 55 computer labs. Over 4700+ LAN Points were augmented across the computer labs and office complex; the campus backbone network was upgraded from 100 Mbps to 1 Gig backbone. Nearly 1000 Wi-Fi Network points are deployed across the campus. The administrative departments including Accounts, Purchase, Examination, Hospital administration, etc. are fully equipped with ERP system.

Details of the IT infrastructure are as under:

- More than 2 Gbps of bandwidth for Internet.
- Highly efficient and secure HP Blade Data Center with HP c7000 blade chassis having a capacity to cater 8 full height blades.
- 23+ KM fiber backbone.
- Cisco catalyst 6880-X core chassis switch with capacity to support up to 10G/40G/100G Networks for scalability and Dell

N4064 (core switch).

- Fully functional Biometric attendance system for staff and students.
- 200 PC of Dell OPTiplex 5090 (Core i7) have been added during the year 2022.

File Description	Documents
Documents relating to updation of IT and Wi-Fi facilities	https://nc.mmudev.com/criterion-iv/4-4/4-4-2-details-of-updation-of-it-and-wi-fi-facility/
Any other relevant information	Nil

4.4.3 - Available bandwidth of internet connection in the Institution (Leased line)

A. ?1 GBPS

File Description	Documents
Details of available bandwidth of internet connection in the Institution	View File
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	View File
Annual subscription bill / receipt	View File
Any other relevant information	No File Uploaded

4.4.4 - Facilities for e-content development such as Media centre, audio visual centre, Lecture Capturing System (LCS), etc.

The MM(DU) has always encouraged its faculty members to make use of e-resources for teaching learning process. The libraries of the MM(DU) are equipped with a large number of CDs/DVDs and other e-resources. More than 2.32 lakh e-books, 22000 e-journals and other academic materials are accessible through online databases subscribed by the MM(DU) and open access e-resources. Our library is providing remote access to various databases to users with the help of Knimbus.

The classrooms of all the departments are ICT enabled and consist of provisions of LCD Projector. One classroom of each Institute is equipped with Lecture Capturing System. All the constituent Institutes also have seminar halls with LCD projectors. The entire

MM(DU) is a huge LAN based network with more than 2 Gbps bandwidth speed.

Facilities have also been provided for development of the e-content. The lectures of faculty members can be captured using smart board facility in the lecture halls of all the constituent Institutes of the MM(DU). Further, the MM(DU) is having an MOU with TV News Channel 'Khabrein Abhi Tak' (KAT) for using their recording facility/Media centre at Chandigarh. The faculty members visit the centre for their lecture recording and are further assisted by their technical staff members in recording, editing, etc.

File Description	Documents
The e-content development facilities	https://www.mmumullana.org/e-content/facilities-for-e-content-development/
Geotagged photographs	https://nc.mmudev.com/criterion-iv/4-4/4-4-4/geo-tagged-photographs/
Any other relevant information	Nil

4.5 - Maintenance of Campus Infrastructure

4.5.1 - Number of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

Rs. 4130.89 Lakhs

File Description	Documents
Audited statements of accounts on maintenance	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Template)	View File
Link to ERP	https://erp.mmumullana.org/
Any other relevant information	No File Uploaded

4.5.2 - There are established systems and processes for maintaining physical and academic support facilities: (laboratory, library, sports facilities, computers, classrooms, etc.)

All the physical and academic support facilities of the MM(DU) are

regulated by different committees. The MM(DU) has spent nearly 40crore rupees for maintenance of physical facilities and academic support facilities during the last year.

The Instruments/Equipments are maintained by the University Scientific Instrumentation Center (USIC) especially which are placed at central facility. However, the maintenance of equipment in any department is the responsibility of respective departmental Heads who are provided with imprest money for small repairs of the instruments. The equipment is first inspected by technicians of the USIC and if it is beyond repair at the local level, the manufacturer/supplier is contacted through the Manager (Materials). Manager (Materials) along with its staff also takes care of the maintenance of hospital equipments, photocopiers, ACs and other sophisticated equipments by annual maintenance contract.

There are binding sections to take care of the wear and tear of books and other documents in the library and other offices. MM (DU) has world-class IT infrastructure which is maintained by IT Maintenance team (UIITM). There are 10000 wired nodes and 10000 Wi-Fi accounts with more than 50 servers. This team is also responsible for the maintenance of computer hardware.

Maintenance of all the sports infrastructure is the responsibility of the office of Dean Students Welfare (DSW). DSW office also looks after the maintenance of the auditorium and student activity center.

File Description	Documents
Minutes of the meetings of the Maintenance Committee for the year	https://nc.mmudev.com/pdf/c4/4-5/4-5-2/MoM-USIC-2022-23.pdf
Log book or other records regarding maintenance works	https://nc.mmudev.com/pdf/c4/4-5/4-5-2/maintenance-and-repair-jobs-2022-23.pdf
Any other relevant information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships /free-ships / fee-waivers by Government / Non-Governmental agencies / Institution during the year

5.1.1.1 - Number of students benefited by scholarships /freeships / fee-waivers by Government /

Non-Governmental agencies / institutions during the year

5056

File Description	Documents
Attested copies of the sanction letters from the sanctioning authorities	View File
Consolidated document in favour of freeships and number of beneficiaries duly signed by the Head of the institution	View File
List of students for the year who received scholarships/ freeships /fee-waivers	View File
Any other relevant information	No File Uploaded

5.1.2 - Institution implements a variety of capability enhancement and other skills development schemes
Soft skills development
Language and communication skill development
Yoga and wellness
Analytical skill development
Human value development
Personality and professional development
Employability skill development

A. All of the Above

File Description	Documents
Detailed report of the Capacity-enhancement programs and other skills development schemes	View File
List of capability enhancement and skill development schemes (Data Template)	View File
Link to Institutional website	https://www.mmumullana.org
Any other relevant information	No File Uploaded

5.1.3 - Number of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year

5.1.3.1 - Number of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year

7719

File Description	Documents
Copy of circular/brochure of such programs	View File
List of students attending each of these schemes signed by competent authority	View File
Program/scheme mentioned in the metric	View File
List of students (Certified by the Head of the Institution) benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year (Data Template)	View File
Any other relevant information	No File Uploaded

5.1.4 - The Institution has an active international student cell

International Affairs Department at Maharishi Markandeshwar (Deemed to be University) has been established with the aim to explore the possibilities of the tie ups with foreign Universities/ Institutes of repute for Student Exchange, Faculty Exchange, Joint Research, Training Programmes and to attract foreign students for admissions.

Some of the important activities undertaken by International Affairs Department are as under:

- Creating awareness of MM(DU) and its courses among International audience resulting in increased international students intake.

Nearly 800 international students are currently pursuing their studies from MM(DU). MM(DU) has been able to attract students from nearly 50+ countries, including students from Australia, Canada, Denmark, Egypt, Germany, Indonesia, Madagascar, Malaysia, South Africa, South Korea, United Kingdom, United States of America, etc.

The cell is also assisting the international students to overcome any difficulty relating to language, culture or any other problem and in providing the following services to the students:

- Pre-Arrival Services

- On Campus Accommodation
- Post Arrival Services
- Conflict Resolution and Counselling Services
- Proficiency Courses in English
- Resolving issues relating to Cultural Conflicts

The basic objective in providing the above services is to make them feel comfortable, so that they can focus on their studies and make the best use of their time spent at the campus.

File Description	Documents
International students' cell	https://www.mmumullana.org/international-students/
Any other relevant information	Nil

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging Adoption of guidelines of Regulatory Bodies Presence of the committee and mechanism of receiving student grievances (online/ offline) Periodic meetings of the committee with minutes Record of action taken

A. All of the Above

File Description	Documents
The Institution has a transparent m	View File
Circular/web-link/ committee report justifying the objectives of the metric	https://nc.mmudev.com/criterion-v/5-1/5-1-5/
Details of student grievances and action taken (Data Template)	View File
Any other relevant information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/ GPAT/CAT/ GRE/TOEFL/ PLAB/ USMLE /Civil services/ Defense/UPSC/State government examinations/ PG-NEET/ AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) during the preceding academic year

164

File Description	Documents
Number of students qualifying in state/ nation	View File
Pass Certificates in the examination	View File
Any other relevant information	No File Uploaded

5.2.2 - Number of placement /self-employed professional services of outgoing students during the preceding academic year

5.2.2.1 - Number of outgoing students who got placed / self-employed during the preceding academic year

1587

File Description	Documents
Self-attested list of students placed / self-employed	View File
Details of student placement / self-employment during the preceding academic year (Data Template)	View File
Any other relevant information	View File

5.2.3 - Number of the graduates in the preceding academic year, who have had progression to higher education

5.2.3.1 - Number of outgoing students progressing to higher education

231

File Description	Documents
List of students who have progressed to Higher education preceding academic year	View File
Supporting data for students/alumni	View File
Details of student progression to higher education (Data Template)	View File
Any other relevant information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/ cultural activities at state/regional/national/international events (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at state/regional /national/international events (award for a team event should be counted as one) during the year

23

File Description	Documents
e-copies of award letters and certificates	View File
List of awards/medals for outstanding performance in sports/cultural activities at national/international events during the year (Data Template)	View File
Any other relevant information	No File Uploaded

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

There is a Students Welfare Council for each of the institutes which focuses at holistic development of students as also in achieving the goals of the MM(DU). The Institutional Council has the following levels:

Level I: Includes Student Members at institute level with following roles:

1. Overall Students Welfare Coordinators (1 Male, 1 Female)

2. Cultural Coordinators (1 Male, 1 Female)

3. Sports Coordinators (1 Male, 1 Female)

4. Skill Development Coordinators (1 Male, 1 Female)

Level II: Includes Faculty Members to guide and monitor the activities of the above-mentioned group of students.

Further, the representatives from these institutional councils are part of the MM(DU) Student Council, which works under the guidance of Dean (Students Welfare).

The responsibilities of the above Council are as follows:

- Management and Coordination of all students welfare-related activities
- Conduct, execution and management of all Cultural and Sports events
- Conduct, execution and management of all allied events such as NSS, NCC, Fine Arts, Literary, Social, Extension Education, National and International days celebrations, etc.

Students are also members of IQAC and they contribute to the Quality Assurance process in academics and other areas. MM(DU) has a Central Placement Cell assisted by the Students' Committee. This committee is constituted annually and is responsible for the execution of campus drives, preparing the placement data, and keeping record of previous drives.

File Description	Documents
Student Council activities during the year	https://www.mmumullana.org/clubs-and-activities
Any other relevant information	Nil

5.3.3 - Number of sports and cultural activities / events/ competitions organised in the Institution during the year

5.3.3.1 - Number of sports and cultural activities / competitions organised by the Institution during the year

File Description	Documents
Report of the events/along with photographs appropriately dated and captioned	View File
Copy of circular/brochure indicating such kind of activities Information as per Data template	View File
Any other relevant information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapter (registered and functional) has contributed significantly to the development of the Institution through financial and other support services during the year

At MM (Deemed to be University), there is a strong belief that the Alumni are the goodwill ambassadors of the Institute. The MM(DU) has registered Maharishi Markandeshwar Alumni Welfare Society vide Memo No. 2020-08-004920. We at MM(DU) aim at promoting and encouraging cordial and fruitful relations amongst the members of the Alumni Association and strive for mutual growth, achievement and advancement in various fields.

The MM(DU) also considers its alumni's feedback on various academic, infrastructural and co-curricular activities. Their regular feedback generates insights on how to improve educational standard and institutional quality. Exclusive Alumni Virtual Space through a dedicated portal is also being actively used.

Mission and Objectives of the MM(DU) Alumni Association:

- To help each other in social and professional networking in order to create job opportunities, entrepreneurial opportunities and professional contacts.
- To serve the community and the nation.
- To imbibe and demonstrate MM(DU) values of socially and ecologically responsible professional and personal actions.

The alumni contributes to the MM(DU) through many ways which include:

- Participation in Alumni meets conducted every year
- Alumni have provided a number of jobs, internships to the students

- Books are donated by alumni to the library
- A number of alumni have visited the campus and given lectures both on technical and general topics
- Alumni are also associated as members of curriculum committees of the departments/Institutes and Boards of Studies

File Description	Documents
Details of Alumni Association activities for the year	View File
Frequency of meetings of Alumni Association with minutes	View File
Quantum of financial contribution for the year	No File Uploaded
Audited statement of accounts of the Alumni Association for the year	No File Uploaded

5.4.2 - Provide the areas of contribution by the Alumni Association / chapters during the year A. All of the Above
Financial / kind Donation of books /Journals/ volumes Students placement Student exchanges Institutional endowments

File Description	Documents
Annual audited statements of accounts. Extract of Audited statements of highlighting Alumni Association contribution duly certified by the Finance Officer and Head of the Institutions	No File Uploaded
List of Alumni contributions made during the year	View File
Certified statement of the contributions by the head of the Institution	No File Uploaded
Any other relevant information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The Institution has clearly stated Vision and Mission which are reflected in its academic and administrative governance

Vision

To prepare students with an integrated technology-oriented education for a better career and make them worthy citizens of a global society.

Mission

To develop better than the best professionals for the economic development of the country.

The Vice-Chancellor with the support of other academic functionaries governs this Deemed to be University towards the fulfillment of vision, mission and goals of the MM(DU) and leads the faculty and other academic staff at all levels as per the long term and short-term strategic plans.

The Principals/Directors/Deans ensure the compliance of academic and administrative processes and procedures along with the continual improvements through regular monitoring by IQAC. The faculty members are involved in developing and implementing the system at various levels. The faculty members are nominated in various statutory bodies and committees of Institutions as per the UGC regulations for decision making such as syllabi revision, the introduction of new courses, examinations, research, admission process, internship, placements, etc.

Further, at the Institutional/Departmental level, faculty provide their input on academics, administration, research, student issues in departmental meetings conducted regularly so that the interests of the students are taken care of. Staff members and students of various Institutes/ Departments also have a participative role in Sexual Harassment Committee/Internal Complaint Committee, Anti-Ragging Committee, Hostel Committee, Library Committee, Cultural Committee, IQAC, Grievance Redressal Committee, etc.

File Description	Documents
Vision and Mission documents approved by the Statutory Bodies	https://www.mmumullana.org/vision-mission
Report of achievements which led to Institutional excellence	https://nc.mmudev.com/pdf/c6/6-5/6-5-1/Report-of-Achievements-2022-23.pdf
Any other relevant information	No File Uploaded

6.1.2 - Effective leadership is reflected in various Institutional practices such as decentralization and participative management etc.

The MM (Deemed to be University) promotes a culture of participative management through delegation of authority which can be witnessed in various operational levels. Staff members and students of various Institutes/departments have a participative role in Sexual Harassment Committee/Internal Complaint Committee, Anti-Ragging Committee, Hostel Committee, Library Committee, Cultural Committee, Internal Quality Assurance Cell, Grievance Redressal Committee, etc.

Case Study - Introduction of new courses and Curriculum Revision

The MM (Deemed to be University) follows a systematic process in the design and development of the curriculum. The statutory bodies of the MM(DU) such as the Academic Council and the respective Board of Studies with external experts from outside regularly review the curriculum in the academic bodies of the Institution Deemed to be University and provide their advice for bringing improvement in syllabi of various courses, bringing latest trends in their subjects. The process of curriculum revision is an example of decentralized and participatory management as:

- Due consideration is given to feedback and suggestions received from different stakeholders.
- The curriculum prepared by the Institutes/Departments after several meetings at different levels are placed before the respective Board of Studies having external experts from academia and industry, for its consideration; and
- Recommendations of concerned Board of Studies are placed before the Academic Council.

File Description	Documents
Information / documents in support of the case study	https://nc.mmudev.com/pdf/c6/6-1/6-1-2/case-study-2022-23.pdf
Any other relevant information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The Strategic Plan of the MM(DU) builds on the foundation of quality and value-based education as the basis for excellence in education. The MM(DU) prepares prospective plans for a period of 5 years. In the strategic plan 2020, the MM(DU) had laid stress on some vital performance indicators like research output, internationalization, new and advanced programs, the establishment of Centers of Excellence, Green Campus, Rankings and Accreditation, etc. It was observed that most of the domains of projected plan were achieved and hence to accelerate the future growth of the Institution Deemed to be University a new perspective plan has been adopted. The strategic plan 2025 focuses on strengthening the already identified focus areas and further some new key areas have been identified in line with the Vision of the MM(DU). The MM(DU) has defined following major components/key areas in order to move from good to excellent in various activities through next five years.

- Academic Excellence with focus on research and innovations
- Talent acquisition and retention
- National and International Collaborations
- Advanced infrastructure and upgradation/modernization of laboratories
- Industry-Academia linkage and outcome
- Alumni Engagements and Interaction
- Strengthening Patient-care Initiatives
- Entrepreneurship and consultancy Initiatives
- Placements and Career Opportunities
- Extension Activities with a special focus on Capacity Building Centers of Excellence

It is ensured that the set targets are achieved through an accountability process comprising of review, evaluation, reporting and, where considered necessary, replanning.

File Description	Documents
Strategic Plan document	View File
Minutes of the Governing Council/ other relevant bodies for deployment / monitoring of the deliverables during the year	View File
Any other relevant information	No File Uploaded

6.2.2 - Effectiveness and efficiency of functioning of the Institutional bodies as evidenced by policies, administrative setup, appointment and service rules, procedures etc.

The MM(DU) has a well-defined organizational structure and decision making processes. The Vice-Chancellor carries out academic administration and management of the MM(DU) through well-established bodies. Following authorities of the MM(DU) provide a policy framework for implementation of its vision and mission:

1. Executive Council: It is the apex decision-making body in respect of every matter including administrative affairs, academic, financial, development matters, etc.

2. Academic Council: It is the principal academic body and it exercises control over the academic affairs. Accordingly, it maintains the standards of teaching, research and training, approval of syllabi, the introduction of new courses, coordination of the research activities, the appointment of Paper-setters/Examiners, examination reforms by reviewing of examination system and policy from time to time.

3. Finance Committee: The Finance Committee is responsible for the overall financial planning. It examines the annual accounts and submits the Audited Report and Annual budget to the Executive Council for approval.

4. Planning and Monitoring Board: The Planning & Monitoring Board is the principal planning body and is responsible for the development programmes.

5. Board of Studies: All the matters relating to the curricula of various courses of the respective Department/Institution, the appointment of Paper setters/ Examiners, Ph.D registration with approval of topic and appointment of supervisor as recommended by the Research Advisory Committee and other academic issues taken by the Departments/Institutes in their meetings of the respective Board

of Studies and forwarded to Executive Council for final approval.

File Description	Documents
Annual Report of the preceding academic year	https://nc.mmudev.com/criterion-vi/6-2/6-2-2/
Minutes of meetings of various Bodies and Committees for the preceding academic year	https://nc.mmudev.com/pdf/c6/6-2/6-2-2/minutes-of-meetings-2022-23.pdf
Any other relevant information	Nil

6.2.3 - The University has implemented e-governance in the following areas of operation
Planning and Development Administration
(including Hospital Administration & Medical Records) **Finance and Accounts** **Student Admission and Support Examination**

A. All of the Above

File Description	Documents
Institutional budget statements allocated for the heads of E-governance implementation ERP Document for the year	View File
e-Governance related document	View File
Screen shots of user interfaces	View File
Any other relevant information	No File Uploaded

6.3 - Faculty and Staff Empowerment Strategies

6.3.1 - The Institution has effective welfare measures for teaching and non-teaching staff and other beneficiaries.

The welfare measures applicable for teaching and non-teaching staff members and other beneficiaries in the MM(DU) are as under:

- Incentive for the publication of Research Papers in SCOPUS/WOS/PUBMED indexed Journals/Conferences/Books/Book Chapters.
- Incentive for the grant received on account of sponsored Research Projects from external agencies

- Travel grant for attending the National/International Conferences/Workshops in India and abroad
- Best Researcher Awards for Teachers/students
- Seed money to Research Guides for Research Students
- Revenue sharing for carrying out industrial consultancy
- Reimbursement of fee for filing of Patents/Copyrights
- Concession in MM Continental Hotel charges
- Accommodation on Campus for faculty and staff at subsidized rates
- Concession in treatment in MM Medical College Hospital, Mullana
- EPF/CPF and ESI Schemes for Employee
- Timely promotion as per Regulatory Bodies norms
- Academic Leave/Study Leave and other Leave, including Maternity leave to female employees
- Tuition fee concession for 2 dependent children studying in MM Institutions
- An International School for the children of the Faculty and Staff with concession in Fee
- Group Insurance Policy which covers personal accident insurance with medical expenses reimbursement for staff and students
- Free neonatal care of inborn neonates, also applicable in the case of employees of MM(DU)
- Dispensary and medicines available at subsidized cost
- Free bus services for patients and their attendants from surrounding areas including employees
- Public Health Centres established in Nearby Villages are also available for routine check-up of the families of the

employees residing in those localities.

File Description	Documents
Policy document on welfare measures	https://nc.mmudev.com/pdf/c6/6-3/6-3-1/policy-2022-23.pdf
List of beneficiaries of welfare measures	https://nc.mmudev.com/pdf/c6/6-3/6-3-1/beneficiaries-2022-23.pdf
Any other relevant information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

326

File Description	Documents
Details of teachers provided with financial support to attend conferences, workshops etc. during the year (Data Template)	View File
List of teachers provided membership fee for professional bodies during the year	View File
Policy document on providing financial support to teachers	View File
E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support under each head	View File
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies during the year	View File
Any other relevant information	No File Uploaded

6.3.3 - Number of professional development / administrative training programmes organized by

the University for teaching and non- teaching/technical staff during the year (Continuing education programmes, entrepreneurship development programmes, Professional skill development programmes, Training programmes for administrative staff etc.,)

216

File Description	Documents
List of professional development / administrative training programmes organized by the University for the year	View File
The lists of participants who attended the above programmes during the year (Data template)	View File
Detailed program report for each program	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centres. Verification of schedules of training programs	No File Uploaded
Copy of circular/ brochure/report of training program self-conducted program may also be considered	View File
Any other relevant information	No File Uploaded

6.3.4 - Number of teachers who have undergone Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the preceding academic year

502

File Description	Documents
Details of teachers who attended FDPs during the preceding academic year (as per Data Template)	View File
Details of teachers who attended FDPs during the preceding academic year (as per Data Template)	View File
E-copies of the certificates of the programs attended by teacher Any other relevant information	View File

6.3.5 - Institution has Performance Appraisal System for teaching and non-teaching staff

MM (DU) has fully developed Annual Self-Assessment System for the Performance Appraisal of teaching and non-teaching staff. Every teaching staff member is asked to fill the Online Performance Based Appraisal Report at the end of every academic session as per guidelines stipulated in "UGC Regulations on Minimum Qualifications for Appointment of Teachers in Universities and Measures for the Maintenance of Standards in Higher Education. The appraisal system covers all the aspects of academic, administrative and research activities. Various parameters of the appraisal include, Teaching Assignment; Mentoring; Research Publications; Research Project; Consultancy; Award/Recognition; Organizing Events; contribution in the growth of the institution; etc. The proforma filled by the Faculty Member is checked and verified by the Head of Department/Principal. Every Principal then sends his/her report to a Central Committee. The committee verifies the information and sends its final report to HR department for further processing. Appraisal reports evaluated through PBAS of faculty members are taken into consideration for their promotion under Career Advancement Scheme (CAS).

There is an Annual Performance Appraisal system for non-teaching staff, as well. The various assessment parameters are: Punctuality; Ability to learn new things; work independently and in groups; to complete the Work in Time; interpersonal relationship with other Colleagues; Perfection in day-to-day working etc. This evaluation is also used at the time of promotion of non-teaching staff members.

File Description	Documents
Performance Appraisal policy of the Institution	View File
Report on the analysis of the Performance Appraisal for the teaching and non-teaching staff for the year as submitted to the Board of Management/ University Senate etc.	View File
Any other relevant information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilization of resources

The MM(DU) is not getting any grant-in-aid from any of the government organization and its constituent Institutes are wholly dependent upon their own financial resources i.e. tuition fee, other academic fees, hospital receipts, funds generated through consultancy provided to outside agencies and interest accrued on the investments made by the MM(DU) institutions. In addition to these resources, mobilisation is also carried out by contributions from the alumni, providing infrastructure for the conduct of entrance tests by government/non-government agencies, generation of electricity from rooftop solar power plants and sponsorships earned by the faculty/ Institution for organizing conferences/ seminars/ workshops, etc. The institutes also receive funds for Research Projects and partial grants to assist faculty conferences/seminars participation, etc. These grants are utilized by the institutions solely for which these are sanctioned and final utilization certificate(s) duly signed by the Finance Officer and Chartered Accountant are sent after completion of the projects.

The Budget Estimates of the MM(DU) and its Constituent Institutes are prepared prior to the Financial Year, which is further got approved by its Board of Management on the recommendations of the Finance Committee. After the approval of the Budget Estimates the Institutes carry out their expenditure most economically out of the revenue receipts of the concerned institutes by following the due process as per codal rules of the MM(DU) and deficit, if any, is met by raising term loans from the government approved financial institutions and Maharishi Markandeshwar Trust.

File Description	Documents
Resource mobilization policy document duly approved by BoM / Syndicate / Governing Council	https://nc.mmudev.com/criterion-vi/6-4/6-4-1/
Procedures followed for optimal resource utilization	https://nc.mmudev.com/criterion-vi/6-4/6-4-1/
Any other relevant information	Nil

6.4.2 - Funds / Grants received from Government / Non-Government bodies / philanthropists during the years (excluding scholarships and research grants covered under Criterion III)

File Description	Documents
Audited statements of accounts for the year	View File
Copy of letter indicating the grants/funds received by respective agency as stated in the metric	View File
Provide the budget extract of audited statement towards Grants received from Non-Government bodies, individuals, philanthropist duly certified by chartered accountant and/or Finance Officer	View File
Information as per Data template	View File
Any other relevant information	No File Uploaded

6.4.3 - Institution conducts internal and external financial audits regularly

The MM(DU) has established an Audit Cell in the Accounts Branch for all of its constituent colleges. The Audit Cell is divided into 2 sections namely internal audit & external audit. The role of Internal Audit is to provide professional advice to all administrators and assist the MM (DU) in continuously improving the efficiency and effectiveness of the operations. The Internal Audit submits its report to the administration through its Section Incharge. The Audit Section is strengthened with technical and qualified accounts personnel possessing the qualifications of CA and Centre and State Accounts services qualified personnel. The Section has been assigned the following duties:

- Pre-Audit of all the purchases made by the purchase department.
- Pre-Audit of all the bills before making payment by the Accounts Section.
- Advice on matters involving financial implications expenditure to prevent any financial irregularity.
- Scrutiny of all departmental schemes in general and proposals for fresh expenditure from the point of view of financial accounting.
- Scrutinizing the proposals for grant of Administrative/Financial approval of various projects; and accounts of other schemes sponsored by Government of India/State Government and other Government/Semi Government funding agencies and issue of Audit Certificate.
- Audit of all revenue receipts of this Deemed to be University and its constituent institutes.
- Audit of Employees Provident Fund Schemes accounts and ESI accounts and other welfare schemes introduced by the MM(DU).
- Physical verification of stores and department labs as per particular direction given by the MM(DU) administration.
- Performance audit of the schemes.

File Description	Documents
Policy on internal and external audit mechanisms	https://nc.mmudev.com/criterion-vi/6-4/6-4-3/policy-on-internal-and-external-audit-mechanism/
Financial Audit reports for the years	https://www.mmumullana.org/audit-reports/
Any other relevant information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Institution has a streamlined Internal Quality Assurance Mechanism

MM(DU) has a functional Internal Quality Assurance Cell (IQAC), constituted in accordance with the NAAC guidelines. Currently the IQAC is having Vice-Chancellor as the Chairman of the IQAC with representation from students, faculty, management of MM (DU), parents, alumni, local community, industry and academicians from other reputed universities. A senior faculty member has been appointed as Director of IQAC. The mechanism, primary functions and activities of IQAC are described as follows: -

Academic Audit: IQAC conducts an academic audit of all of its constituent institutes/departments on regular basis twice a year. The audit process is conducted by two academicians of other departments/institutes and one representative from IQAC cell.

Administrative Audit: MM(DU) has a well-defined mechanism for administrative audit of academic, examination and accounts sections of the MM(DU) every year. Administrative audits are conducted at two levels; internal and external. In internal audits, the inventories of laboratories and libraries are verified at the end of the academic year and necessary corrective measures are taken. In the external audit, the offices of the Academic Section, Administrative Section, Examination branch, etc. are audited by external experts and necessary corrective measures are taken based on their observations.

Feedback from Stakeholders: IQAC is actively involved in collection and analysis of feedback collected from various stakeholders of the MM(DU) like students, faculty, alumni, professionals, employers, etc. and action taken reports are prepared.

Activities conducted by IQAC: IQAC organizes various quality-related seminars, conferences/workshops for faculty and students at regular intervals.

File Description	Documents
The structure and mechanism for Internal Quality Assurance	https://www.mmumullana.org/igac/
Report on the quality sustenance/enhancement initiatives of the IQAC during the year	https://nc.mmudev.com/pdf/c6/6-5/6-5-1/Report-of-Achievements-2022-23.pdf
Minutes of the IQAC meetings for the year	https://www.mmumullana.org/igac/
Any other relevant information	Nil

6.5.2 - Quality assurance initiatives of the Institution include: Academic and Administrative Audit (AAA) and initiation of follow-up action Conferences, Seminars, Workshops on quality Collaborative quality initiatives with other Institution(s) Orientation programmes on quality issues for teachers and students Participation in NIRF process Any other quality audit by recognized State, National or International agencies (ISO, NABH, NABL Certification, NBA, any other)

A. All of the Above

File Description	Documents
Report /certificate of the Quality Assurance Initiatives as claimed by the Institutions eg: NBA, ISO, NABH, NABL, AAA etc.,	View File
Data template including documents/certificates relating to options 1 to 6 above	View File
Any other relevant information	No File Uploaded

6.5.3 - Impact analysis of the various initiatives carried out and used for quality improvement during the year

IQAC monitors different quality initiatives as listed below:

Student performance, Teaching Learning, Assessment process and learning outcomes: These parameters are monitored mainly through the academic audits. The reports are shared with concerned HoDs and the compliance reports submitted by them are discussed.

Learning outcomes of students have been enhanced through the implementation of the Choice Based Credit System/Elective course. The curriculum is updated from time to time to keep the same as most relevant and as per the requirements of the recruiters.

Feedback System: All the constituent colleges have a well-defined system for obtaining the feedback from all the stakeholders. The findings of the feedback are taken up for deliberations and follow up action at various levels.

Research and Development: IQAC has taken several initiatives like implementation of research policy, enhancement of research facilities, incentives to researchers, seed money grant, providing travel grant for attending conferences/seminars and paper presentations.

Administrative Audit: It is conducted at internal and external level. In internal audit, the inventories of laboratories and libraries are verified at the end of session. In external audit, various offices of Academic, Administrative, Examination, etc. are audited by external experts and necessary corrective actions are taken based on their observations.

File Description	Documents
Relevant documents/information on the process and results of impact analysis on the above aspects	https://nc.mmudev.com/criterion-vi/6-5/
Any other relevant information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the institution for the promotion of gender equity during the year

MM(DU) promotes gender equity in letter and spirit by creating opportunities for both genders. It provides very safe and healthy environment to the female students and staff. The details of the facilities are given as under:

1. In order to sensitize gender equity and to adopt necessary measures to deal with the complaints of sexual harassment of all women at workplace, Internal Complaint Committee takes up swift measures to all the complainants reported.

2. MM(DU) sensitizes the students and staff members on gender equity by conducting various awareness activities like workshops, guest lectures, training programs and competitions.
3. The environment is safe and is constantly monitored through CCTV at entry exit and other strategic points. There are separate hostels for boys and girls to provide safe campus life with round the clock security.
4. There are about 45% girl students and women staff members in the campus. The female staff members are given administrative responsibilities like Dean, Principals, HODs indicating the faith in female leadership.
5. Various women specific subjects like women and law and other subjects in the Nursing and Medical College are included in the curriculum. Two years extension is also allowed to female Ph.D scholars over and above the permissible period of six years in addition to maternity and child care leaves.
6. Special Holidays are allowed to female employees on "Raksha Bandhan", "Karva Chauth" and "Bhaiya Dooj".
7. Separate common rooms have been provided for girl students in different Institutes of the MM(DU).

File Description	Documents
Annual gender sensitization action plan	https://nc.mmudev.com/criterion-vii/7-1/7-1-1/
Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.mmumullana.org/gender-equity/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. All of the Above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File
Data template in prescribed format	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 100 - 200 words)

1. **Solid Waste Management:** Blue and green coloured dustbins, respectively for dry waste and wet waste, are placed in corners of the entire campus in order to easily segregate the biodegradable and non-biodegradable waste.

2. **Liquid Waste Management:** Liquid waste is categorized into two types:

- **Sewage Waste:** The sewage waste is collected through the well constructed underground drainage system leading to the large collection tanks in the Sewage Treatment Plant for recycling. Treated water is pumped through sprinklers and overhead tanks to all the lawns.
- **Laundry, laboratories and kitchen waste** is passed through the Sewage Treatment Plants and Effluent Treatment Plant and the treated water is used for sanitation.

3. **Biomedical Waste Management:** MM (DU) has adopted the Bio-Medical Waste Management Rules, 2016. Rudraksha Enviro Care Pvt. Ltd., Naraiangarh, authorized by the Haryana State Pollution Control Board (HSPCB), Panchkula for the disposal of Bio-Medical Waste on monthly basis, has been engaged by the MM (DU) to remove the waste regularly for further disposal.

4. **E-waste Management:** Recycling and repairing of the e-waste is done as per established procedures. Non-recyclable and non-repairable e-wastes are disposed off in a safer manner to the government authorized vendors namely Shivalik Solid Waste Management Limited, Nalagarh, H.P.

5. **Waste Recycling System:** Waste recycling plants namely Sewage Treatment Plants (STPs) and Effluent Treatment Plants (ETPs) systems are present in the campus for liquid wastewater recycling.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	https://nc.mmudev.com/pdf/c7/7-1/7-1-3/MoUs/MoUs.pdf
Geotagged photographs of the facilities	https://nc.mmudev.com/criterion-vii/7-1/7-1-3/geo-tagged-photographs/
Any other relevant information	Nil

7.1.4 - Water conservation facilities available in the Institution Rainwater harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **A. Any 4 or All of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include: Restricted entry of automobiles Battery-powered vehicles Pedestrian-friendly pathways Ban on the use of Plastics Landscaping with trees and plants **A. All of the Above**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Relevant documents / reports	View File
Any other relevant documents	No File Uploaded
Data template in prescribed format	View File

7.1.6 - Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives: Green audit Energy audit **A. All of the Above**

Environment audit Clean and green campus recognitions / awards Beyond the campus environmental promotion activities Any awards received for green campus initiatives

File Description	Documents
Audit reports of the institution related to the metric Data template	View File
Any other relevant information	View File

7.1.7 - The Institution has Divyangjan friendly, barrier-free environment Built environment with ramps/lifts for easy access to classrooms. Divyangjan friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for Divyangjan to access NAAC for Quality and Excellence in Higher Education AQAR format for Health Sciences Universities Page 68 website, screen-reading software, mechanized equipment Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Relevant documents / reports	View File
Any other relevant information	View File
Data Template	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The MM(DU) imbibes a spectrum of universal human values in young minds. The biggest example of cultural diversity can be seen through the range of various nationalities residing, working and learning together. Presently more than 6000 students are enrolled from other states and nearly 800 are from other countries.

To bring the cultural flavors of International Culture to the Green Land of Haryana, the MM(DU) organizes international Cultural Fiesta 'Vasudhaiva Kutumbkam' annually in which the students participate by making individual state-themed exhibitory houses that exhibit almost all the states of India and over 15+ countries showcasing their arts, culture & traditions. Students also get a number of opportunities at regular intervals to express themselves in their native languages whether it is 'Ammunation' or 'UniversuMM'.

In MM(DU), students from various communities have been learning and staying together giving a powerful message of 'Unity in Diversity'. Every community can freely celebrate their festivals like Eid, Diwali, Ganesh Pooja, Gurupurb, Christmas, etc. and get constant encouragement from MM(DU) and its faculty as well.

Students from various economic backgrounds get a quality education here. Their economic disparities hardly make any difference in terms of their presence in classrooms and hostels as well. Women club of the MM(DU) conducts various programs to create awareness about gender issues which includes group discussions, debates, etc.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	https://www.mmumullana.org/events/fests/
Any other relevant information	Nil

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Several activities are organized by the MM(DU) to inculcate values among the students and the staff of being responsible citizens as reflected in the Constitution of India and to abide by the constitutional duties. MM(DU) has always been a pioneer in honoring such great days and events that make us feel proud of being a citizen of such a great country. Republic Day and Independence Day are celebrated on which various patriotic acts like 'Nukkad Natak' and songs are performed in MM(DU) campus and nearby villages, when our great freedom fighters are remembered.

On occasions of various days related to our freedom fighters and other National heroes, many cultural and other activities are

organized. The celebrations of these days sensitize the students and staff to follow their ideals. On October 31st, National Unity Day is celebrated. On this occasion, the contribution made by our great leader Sardar Vallabh Bhai Patel in the unification of the country is recalled. Events like "Run for Unity", etc. are organized to unite the students of different regions.

Various events like January 25th, National Voters Day is celebrated to encourage and help students in the process of making Voter-IDs. On June 5th, 'World Environment Day' is celebrated in which Tree Plantation and Plastic Ban campaigns are the main activities organized in the MM(DU). Rallies of students are organized to spread the message of the adverse effects of pollution on our day-to-day life.

File Description	Documents
Details of activities that inculcate values necessary to render students to be responsible citizens	https://www.mmumullana.org/events/celebrated-day/
Any other relevant information	https://www.mmumullana.org/press-release/women-study-center-mmdu-celebrated-international-womens-day-in-association-with-ncc-in-mmim-mullana-seminar-hall/

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organized professional ethics programmes for students, teachers, administrators and other staff during the year Annual awareness programmes on Code of Conduct were organized during the year

A. All of the Above

File Description	Documents
Weblink of the code of conduct	https://www.mmumullana.org/wp-content/uploads/2021/04/Code-of-Conduct.pdf
Details of the monitoring committee of the code of conduct	View File
Details of Programs on professional ethics and awareness programs organized during the year	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

There are different clubs which play a significant role in celebration of important National and International days, events and festivals. Some of the activities are held at the respective department level where students take the initiative to celebrate the events like Engineers' Day, Constitution Day, World Physiotherapy Day, etc.

- On January 12th every year, birthday of Swami Vivekananda is celebrated as 'National Youth Day'. Various events like Essay writing competition, Debate competition, poster making, orations, etc. are organized.
- On January 25th, National Voters Day is celebrated to encourage and help students in the process of making Voter-IDs
- On January 26th, Republic Day and on August 15th, Independence Day are celebrated where various patriotic acts like 'Nukkad Natak' and songs are performed.
- On February 28th, 'National Science Day' is observed to aware students of the latest technology and research.
- On March 8th, 'International Women's Day' is celebrated to empower feminism.
- On May 31st, the 'World No Tobacco Day' is celebrated to spread knowledge regarding the bad effects of tobacco and further helping them to avoid the use of tobacco and nicotine.

- On June 5th, as 'World Environment Day' Tree Plantation and Plastic Ban campaigns are the main activities organized.
- On June 14th, World Blood Donor Day is celebrated across the campus in joint collaboration with NSS, RED-CROSS and Medical Institute of MM(DU).
- On June 21st, 'International Yoga Day' is celebrated.

File Description	Documents
Annual report of the celebrations and commemorative events for the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution during the year as per NAAC format provided in the Manual

Title of Best Practice - I: Providing Community and Social Outreach Services

Objectives of the Practice:

- To provide best community health services
- To provide education and awareness on health issues to deprived poor local community
- To provide education and awareness on socially relevant issues
- To provide legal aid services
- To provide affordable quality health care to the rural masses

Evidence of Success: MM (DU) is adopting various methodologies for meeting the needs of the local social periphery. A 940 bedded NABH accredited super specialty hospital is fully functional with state-of-the-art modern facilities (like MRI, CT Scan, Advance Surgeries,

etc.) to meet with the local health care needs.

Title of Best Practice - II: Special focus on Intra-University and Inter-University Co-curricular & Extra Curricular activities

Objectives of the Practice:

- Engaging students in Co-curricular & Extra-Curricular activities
- Holistic development of the students.
- To reduce the stress of the student's academic life.

Evidence of Success: It has been observed during the last few years that those students who had keenly engaged themselves in Co-curricular/Extra-Curricular activities were more successful in both campus placements as well as professional life thereafter. Some students who had been successful in Cultural activities have established themselves as professionals in the Entertainment Industry while some turned up to be ambassadors of the MM(DU) by proving their excellence at the National Level.

File Description	Documents
Best practices in the Institutional web site	https://nc.mmudev.com/criterion-vi/6-4/7-2-best-practices/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution during the year in one area distinctive to its priority and thrust within 100 - 200 words

Surrounded by green fields, the MM(DU) has a lush green campus with a number of dedicated parks, good landscape and green trees in and around the campus. Students are always encouraged to take part in tree plantation drives, being organized every now and then. Stress has always been on preserving the natural environment and establishment of an eco-friendly Campus. Keeping this in mind, almost, every building of MM (DU) is mounted with arrays of Solar Panels with a 4800KW capacity Solar Power Generation Plant, which is the biggest installation in any University. The total CARBON FOOTPRINT per annum will be 54,00,000 and the CO2 reduction

calculated in the number of trees will be approximately 2,50,000 Trees. We are also exporting huge number of electrical units to the state electrical grid, thereby contributing to the country towards a huge resource and infrastructure requirement.

Additionally, following initiatives have been undertaken for making the campus a truly Green Campus:

- Solid Waste Management
- Liquid Waste Management
- Biomedical Waste Management
- E-waste Management
- Hazardous Chemicals and Radioactive Waste Management

Other Measures: The MM(DU) has totally restricted entry of automobiles to commute within the campus and restricted the same to the central parking only. Further, Battery Powered Electric Vehicles have been introduced for movement within the campus. The MM(DU) conducts a green audit, energy audit and environment audit, regularly. It also has sensor-based energy conservation for its active areas. All electrical bulbs and tube lights are LED's.

File Description	Documents
Appropriate web in the Institutional website	https://www.mmumullana.org/wp-content/uploads/2021/03/distinctive-feature.pdf
Any other relevant information	Nil

7.3.2 - Future Plans of action for next academic year (100 - 200 words)

Future Plans of action for the academic year 2023-24:

- Phased Implementation of NEP 2020
- Academic Excellence with a focus on research and innovations
- Talent acquisition and retention
- National and International Collaborations
- Explore the opportunities for NBA Accreditation for B.Tech., MBA & MCA programs.

- Upgradation/modernization of laboratories
- Industry-Academia linkage and outcome
- Alumni Engagements and interaction
- Strengthening Patient-care initiatives
- Entrepreneurship and consultancy initiatives
- Placements and Career Opportunities