



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
Name of the head of the Institution		Prof. Victor Gambhir
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01731304524
Mobile no.		8059930111
Registered Email		info@mmumullana.org
Alternate Email		vice-chancellor@mmumullana.org
Address		Maharishi Markandeshwar (Deemed to be University), Mullana
City/Town		Ambala
State/UT		Haryana
Pincode		133207

2. Institutional Status					
University	Deemed				
Type of Institution	Co-education				
Location	Rural				
Financial Status	private				
Name of the IQAC co-ordinator/Director	Prof. (Dr.) Mahendra Singh Rathore				
Phone no/Alternate Phone no.	919876514791				
Mobile no.	8059930460				
Registered Email	info@mmumullana.org				
Alternate Email	naacmmdu@mmumullana.org				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.mmumullana.org/download/IQAC/aqar-2017-18.pdf">_https://www.mmumullana.org/download/IQAC/aqar-2017-18.pdf</a>				
<b>4. Whether Academic Calendar prepared during the year</b>	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.mmumullana.org/download/IQAC/aqar-2018-19/academic-calander-2018.pdf">https://www.mmumullana.org/download/IQAC/aqar-2018-19/academic-calander-2018.pdf</a>				
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.06	2015	16-Nov-2015	13-Feb-2020
<b>6. Date of Establishment of IQAC</b>			12-Jun-2007		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		

Academic Audit of all 11 constituent institute/Colleges/Department of MM(Deemed to be University) was conducted and feedback of audit report is conveyed to respective institute heads for further improvement as felt necessary.	01-Sep-2018 104	734
Conducted Student Satisfaction Survey	10-May-2019 30	1022
Participation in NIRF	20-Nov-2018 1	9113
Research Promotion Policy (Revised) implemented as Quality Research Output initiative	21-Nov-2018 1	2490
Introduction of one point solution (online student grievance redressal system)	07-Aug-2018 1	8379
A Seminar on NAAC Accreditation Process Under Revised Assessment & Accreditation Framework (RAF)	15-May-2019 1	102
Clinical Quality Development Program on Hands on Training for Antimicrobial Stewardship/How to Start Antimicrobial Stewardship in a Hospital organized by IQAC, Antimicrobial Stewardship Committee, ISRPT, ISPOR STUDENT CHAPTER MM(DU)	18-May-2019 1	94
A seminar on Quality Research in Higher Education Institutions: Initiatives and promotion	01-Jun-2019 1	30
Clinical Quality Development Program on Good Clinical Practices organized by IQAC, MM(DU)	03-Jun-2019 1	62
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**8. 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
MM(DU) Technical Institutions	Scientific and Industrial Research Organization Recognition (SIRO)	DSIR (A division of Department of Science and Technology, GOI)	2017 3Year	0
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	7
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	25000
Year	2019

<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>
<ul style="list-style-type: none"> <li>• Research Promotion Scheme (Revised) introduced in 2018/19 in which provision of incentives to faculty and researchers of MM(DU) is mentioned to get quality research output</li> <li>• "One Point Solution" an online portal introduced for redressal of students grievances from single window</li> <li>• Standard Operating Procedures are prepared for Examination Schemes, Tutorial Classes, Assignments and Course Files</li> <li>• Academic Audit of all 11 constituent institutes of MM(Deemed to be University) was conducted and feedback of audit report is conveyed to respective institute heads for further improvement as felt necessary.</li> <li>• Four Constituent institutes/colleges of MM (DU) and MM (DU) as a whole participated in NIRF in year 2019 and secured 41st rank in Pharmacy category while MM(DU) secured position in 151/ 200 Rank Band</li> </ul>

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achievements/Outcomes
To Conduct Facility Based New Born Care program (FBNC) by MM College of Nursing ,MM(DU)	Facility Based New Born Care program successfully conducted by MM College of Nursing
To Improve quality in publication by publishing in Journals with Impact Factor (IF) by Thomson Reuters, indexed in SCOPUS / PubMed/ Web of Science	Significant number of publications in Scopus/Pubmed/Web of Science indexed journals achieved
To generate Intellectual Property Rights at MM (DU) viz Copyrights/Patents filing	A significant number of patents,copyrights by faculty and researchers are filed/registered/published while 2 patents were granted.
To get Collaboration with national/International organisations	Various collaborative initiatives were executed by constituent colleges/institutes of the MM(DU)
To apply and prepare for NBA accreditation for various technical programs	B.Pharmacy program was accredited by NBA for duration of three year (2018/2019 i.e. upto 30/06/2021)
Participation in NIRF ranking	MM College of Pharmacy of MM(DU) achieved 41st Rank in NIRF in year 20182019 and MM(DU) secured position in NIRF Rank Band 150200
To strengthen the research activities of MM (Deemed to be University)	Purchase of the sophisticated research equipments were initiated, Research Promotion Policy formulated and circulated, A large number of research proposals applied for extra mural funding and research grant obtained from various funding agencies.
To improve quality of teaching hospital of MM Institute of Medical Sciences and Research, MM(DU)	Application for National Accreditation Board for Hospitals and Health Care providers (NABH) was filed and Hospital got the NABH accreditation ( validity 24 September 2019 to 23 September 2022)
Initiation of Quality Improvement (QI) Projects by MM College of Nursing , MM(DU) in 2018/19	14 Quality Improvement (QI) PROJECTS were Initiated successfully by MM College of Nursing
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Board of Management	26-Nov-2019

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	05-Jul-2019
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	28-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	MM (Deemed to be University) has adopted EMS (Employee Management System) where all employees of this Deemed to be University are provided a distinguished staff id and login credentials. Each employee has access to EMS and can check their attendance and salary details. Each student of MM (Deemed to be University) is provided with unique login credentials through which students can check their attendance and the module also facilitates to send SMS to concerned parents by mentor faculty of the student. Using login credentials students can access internet (LAN and WiFi) facility provided to them by MM (Deemed to be University). Online feedback modules are adopted to obtain feedback of various stakeholders of MM (Deemed to be University). To facilitate the publication data by faculty/researchers web interface was created on which faculty enters the publication details and after that he/she is entitled to apply for incentives in accordance with the research promotion policy of MM (Deemed to be University). Faculty appraisal web interface is developed in house in which faculty members fill the appraisal form as prescribed by University Grants Commission and are processed as per regulations of the MM(DU). Accounts modules to facilitate and maintain finance related functions also have been adopted.

Part B

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Design and Development**

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	11UGR01	B.Tech.Biotechnology	23/07/2018
BSc	11UGR53	B.Sc. Biotechnology	23/07/2018
MSc	11PGR52	M.Sc.Botany	23/07/2018
BTech	11UGR02	B.Tech.Civil	23/07/2018
MPT	18PGR01,	Physiotherapy	01/08/2018
BTech	11UGR03	B.Tech.CSE	23/07/2018
MSc	11PGR53	M.Sc. Chemistry	23/07/2018
BHMCT	15UGR01	BHM	23/07/2018
MCA	13PGR01	MCA	23/07/2018
MSc	11PGR54	M.Sc. Mathematics	23/07/2018
BA LLB	25UGR01	B.A. LLB	23/07/2018

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MD	Radiation Oncology 16PGR21	01/08/2018	MD114B PAPER-II CLINICAL RADIATION ONCOLOGY	01/08/2018
MD	Radiation Oncology 16PGR21	01/08/2018	MD114C PAPER-III ALLIED ONCOLOGY PRACTICES (SURGICAL ONCOLOGY, MEDICAL ONCOLOGY & PALLIATIVE CARE)	01/08/2018
MD	Radiation Oncology 16PGR21	01/08/2018	MD114D PAPER-IV RECENT DEVELOPMENT IN ONCOLOGY, CANCER CONTROL PROGRAMME, RESEARCH METHODOLOGY IN ONCOLOGY	01/08/2018
BSc	B.Sc.	01/08/2018	BDTT101 Basic	01/08/2019

	Dialysis 16UGR56		Anatomy [Including histology]	
BSc	B.Sc. Dialysis 16UGR56	01/08/2018	BDDT102 Physiology	01/08/2018
BSc	B.Sc. Dialysis 16UGR56	01/08/2018	BDDT103 Biochemistry	01/08/2018
BSc	B.Sc. Dialysis 16UGR56	01/08/2018	BDDT104 Pathology	01/08/2018
BSc	B.Sc. Dialysis 16UGR56	01/08/2018	BDDT105 Microbiology	01/08/2018
MD	Radiation Oncology 16PGR21	01/08/2018	MD114A PAPER- I, BASIC PRINCIPLES IN PRACTICE OF RADIOTHERAPY (P HYSICS, BIOLOGY, PATHOLOGY, EQUIP MENT&TECHNIQUES OF RADIOTHERAPY)	01/08/2018
BSc	B.Sc. Dialysis 16UGR56	01/08/2018	BDDT106 Environmental studies	01/08/2018
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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	B.SC.(HONOURS) PHYSICS	23/07/2018
BSc	B.SC. (HONOURS) MATHEMATICS	23/07/2018
BSc	BSc Food Science with specialization (i) Food Technology & (ii) Nutrition & Dietetics	23/07/2019
BSc	B.SC. DIALYSIS	01/08/2018
MD	MD Radiation Oncology	01/08/2018
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	B.Sc.(Hons) Mathematics	23/07/2018
BSc	B.Sc.(Hons) Physics	23/07/2018



BSc	BSc Food Science with specialization (i) Food Technology (ii) Nutrition Dietetics	23/07/2018
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### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
ADVANCEMENT IN AUTOMOBILE ENGG	01/08/2018	58
Global Funds to Fight AIDS Tuberculosis and Malaria (GFATM))	01/08/2018	88
The advanced yoga training of value added course will be conducted	01/08/2018	20
Certificate Course in Diabetes	24/04/2019	20
Certificate Course in Geriatric Medicine	16/03/2019	18
Research Methodology	24/11/2018	20
Advance Trauma Life support	04/04/2019	85
Stress Management in Dentistry	09/02/2019	64
Personality Development-I	01/08/2018	308
Placement preparation training	01/08/2018	25
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#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BA LLB	Law	298
BCom	B.Com	202
BSc	Nursing	252
BTech	Mechanical	66
BBA	BBA	232
BDS	BDS	197
MSc	Biotechnology	71
MSc	Microbiology	52
MSc	Chemistry	70
MBBS	MBBS	150
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### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

Feedback Obtained

All constituent institutes/Colleges/Departments of MM (Deemed to be University) are having structured system to obtain feedback from Students, Teachers, Alumni, Parents, Employers and Professionals on curricular and other aspects of University/Institute. Students Feedback: Student's Feedback is obtained on regular basis. At the end of semester/year students are asked to give their feedback in the form given to them on Curricular, teaching learning, Infrastructure, Facilities and other aspects. A conducive environment is provided to students and the option of revealing their identity is given to them while collecting feedback. The feedback obtained is analyzed by feedback committee and the results are transmitted to Principal/Head of Department. The issues are addressed by concerned person through Head of Institute by taking appropriate measures for improvement. Feedback of students on teaching learning process is reviewed and improvement measures are taken to facilitate learning of students. At central level the feedback from students in the form of Student Satisfaction Survey was taken, analyzed by IQAC and report prepared and necessary actions are taken in consultation with appropriate authority. Feedback of outgoing students is also being taken after completion of their final year/semester examination about their learning experience at Institute/Department/ University. The feedback obtained from students is reviewed and appropriate actions are taken for development of University/Institute functioning on various aspects. About 90 percent students gave their rating as '4 to 5 star' as revealed by Report of Student Satisfaction Survey. Teacher's feedback: Teachers feedback is taken about curricular aspects, working environment, freedom to express their views and other aspects of teaching. On the basis of their experience of previous semester/year and students feedback about curriculum is discussed with Head of the Department/Institute and appropriate measure like revision of curriculum, extra classes etc. are initiated to improve the teaching learning process. Alumni Feedback: At different interval Departmental/Institutional alumni meet is conducted to get feedback of alumni working in diversified fields. The objective of getting feedback from alumni is to rerview existing teaching learning process and its improvement based on recent developments happening in various professional areas. The feedback is very important in order to keep the curriculum in tune with recent developments/needs of industry/society. In addition to feedback taken during alumni meet, the feedback forms are kept available in office of each department/institute, whenever any alumni visits institute, he/she is asked to give his/her feedback and the same is collected and recorded. Feedback from Parents: Feedback from parents of students is taken during parent teacher meet or when parents visit MM(DU). The grievances or suggestions expressed by them are considered and appropriate actions are taken. Employers feedback: The feedback from employers of our students is taken through students, Placement Cell or at individual basis. The feedback from Employers is important to gauge the performance of our passed out students. Feedback from Professional: Feedback from professionals of respective specialization(from Academics or Industry) is taken on curricular aspects and

given suggestions are taken into consideration while reviewing/revising the curriculum as and when required.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BCA	BCA	80	468	77
BBA	BBA	80	551	80
BCom	BCOM(HONOURS)	40	215	35
BPharm	B.PHARMA	100	615	97
Pharm D	PHARM D	30	207	30
MPharm	M PHARMACEUTICS	6	28	6
BDS	BDS	100	Nil	99
BSc	POST BASIC BSC NURSING	30	136	26
BSc	BSC NURSING	40	230	40
LLB	BA LLB	120	510	93

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	6983	1756	264	Nil	470

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
734	677	329	114	27	29

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

An effective mentoring system is existing in MM(DU). The goal of the mentoring system is to establish a trusting relationship with accountability and responsibility between the mentor and mentee. It provides counselling and guidance to the mentees regarding their career related queries and their personal problems and to overcome their grievances. The mentoring system appraises the mentees about the procedure, schemes, facilities scholarship/freeship available and motivates the mentees to take part in extra co-curricular activities. Our

mentoring program provides an opportunity to mentees to share their problems and also put their suggestions and to mentors to help the future professionals with proper guidance. Mentor counsel the mentees one to one and assist them with career exploration, project critiques, and skill building, based on mentees' needs and interests. The program begins each Semester with a Mentor-mentees allocation and counseling session which provides an opportunity to the student and mentor to meet and interact for the first time. During the semester, mentees share their academic as well as personal problems with their respective mentor from time-to-time. In mentoring program, each mentor also arranges counselling session for the corresponding mentees at least once in 15 days. Mentor also communicates with the parents/Guardians regarding the progress telephonically to make aware them about the performance of their wards once in a month. Mentor also despatched the progress report to the parents of each mentee regarding one's attendance record and marks of sessional examination.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
8739	734	1:12

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
702	734	Nil	Nil	180

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Dalip	Assistant Professor	Best Paper Award for Analysis of Web Logs Consumer Behaviour, International Conference on Recent Trends in Computer Applications and Information Technology (RTCAIT'2019), Organized by M. M. Institute of Computer Technology Business Management,
2018	Dr. L.N. Garg, State level	Professor	Life time Achievement Award from Haryana Chapter (ENT)
2018	REKHA KAUSHIK	Associate Professor	Association of Health and Nutrition Educationist in India for Social Contribution
2019	Dr. Sasanka	Professor	25th oration

Chakrabarti

award on Trending  
in biochemistry  
University of  
Hydrabad[View File](#)**2.5 – Evaluation Process and Reforms**

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	11UGR03	8	29/04/2019	13/05/2019
BSc	11UGR54	4	01/05/2019	15/05/2019
MSc	11PGR51	2	18/05/2019	01/06/2019
BBA	12UGR01	6	20/05/2019	03/06/2019
BCA	13UGR01	6	18/05/2019	01/06/2019
BPharm	14UGR01	4	17/06/2019	01/07/2019
Pharm D	14PGR04	5	07/06/2019	21/06/2019
BHM	15UGR01	8	18/04/2019	02/05/2019
MD	16PGR02	2	22/04/2019	04/05/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
49	6480	0.75

**2.6 – Student Performance and Learning Outcomes**

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.mmumullana.org/download/IOAC/agar-2018-19/2.6.1-programme-and-course-outcome.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
11PGR51	MSc	M.Sc. (Bio technology)	9	9	100
11PGR56	MSc	M.Sc. (Physics)	91	86	94.51
11PGR52	MSc	M. Sc. (Botony)	64	63	98.43
11PGR53	MSc	M.Sc.	135	118	87.41

		(Chemistry)			
12UGR01	BBA	BBA	55	51	92.73
12PGR01	MBA	MBA	92	83	90.22
14UGR01	BPharm	B.Pharma	50	46	92
14PGR01	MPharm	M.Pharma	8	8	100
18PGR01	MPT	MPT	22	22	100
17PGR01	MDS	MDS	33	33	100
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.mmumullana.org/download/IQAC/aqar-2018-19/2.7.1-sss-analysis-report.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Gaurav Parashar	DHRYoung Scientist	17/06/2019	Department of Health Research, Ministry of Health and Family Welfare, Govt. Of India
International	Dr. Viaks Kumar	Postdoc Fellowship	13/05/2019	Consejo Nacional de Ciencia y Tecnología, Mexico (CONACYT)
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
RA	180	Research Fellowship from FICCI, New Delhi for Zouheria Djamila from Institute of Medical Research and Medical Plant Studies, Yaounde, Cameroon)
University Research Fellowship	365	MM(DU), Mullana, Ambala
Research Associate	365	MM(DU), Mullana, Ambala

PhD fellowship(Intramural)	1095	MM(DU), Mullana, Ambala
JRF	730	CSIR
SRF	365	DST INSPIRE Fellowship
JRF	365	DBT
JRF	365	DST
JRF	730	MM(DU), Mullana, Ambala
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### 3.2 – Resource Mobilization for Research

#### 3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DST Haryana	8.33	2.92
Major Projects	1095	Department of Science Technology (DST), Govt. of India	51.66	8.11
Minor Projects	730	Council of research in Homoeopathy (CCRH), Department of AYUSH under the Ministry of Health and Family Welfare, Government of India.	19.56	1.95
International Projects	180	Research Training Fellowship Developing Countries Scientist (RTF DCS) for 6 months from FICCI New Delhi for one International Student from Cameroon	4.1	4.1
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### 3.3 – Innovation Ecosystem

#### 3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Introduction to	CSE	04/01/2019

Robotics		
Expert Talk On Cyber Security	CSE	04/02/2019
Electric Motor Understanding Troubleshooting	EE	08/03/2019
Industrial Automation	EE	13/03/2019
Artificial Intelligence with Python Programming	ECE	06/02/2019
Artificial Intelligence	ECE	21/02/2019
Industry Awareness Program Carrier Opportunities in Electronics and communication Engg Field	ECE	24/10/2018
Fusion 360	Mechanical Engineering	27/02/2019
Entrepreneurship Awareness Drive 2018 in collaboration with EDC, IIT.Kharagpur	Mechanical Engineering	22/10/2018
Workshop on Working With Google Sheet	MMICTBM(MCA)	16/10/2018
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### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Health and Nutrition Educationist in India	Mrs Rekha Kaushik	Nutritiona and Natural Health Science Association	27/12/2018	Social Contribution
India Young Personality of the Year Awards	Dr. Suneet Kumar	GISR foundation	08/06/2019	Research
I2OR Academic Leadership Award 2018	Dr. Avinash Sharma	International Institute of Organized Research	10/07/2018	Academic Leadership Award
I2OR Editorial Excellence Award 2018	Dr. Avinash Sharma	International Institute of Organized Research	10/07/2018	Editorial Excellence Award
I2OR Distinguish Educator Award 2018	Dr. Avinash Sharma	International Institute of Organized Research	10/07/2018	Distinguish Educator Award
Multi Stage Flowshop scheduling models with equipotential	Ms. Sonia Mangla	International Science Community Associatin	08/12/2018	International Best Oral Presentation Award



machine				
Effectiveness of KMC on maternal and neonatal outcomes of LBWB	Ms. Pratibha Thakur	2nd national conference on Kangaroo Mother Care, Lucknow	24/02/2019	Paper Presentation
Analysis of Web Logs Consumer Behaviour	Dr. Dalip	M. M. Institute of Computer Technology Business Management, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala	20/04/2019	International Conference on Recent Trends in Computer Applications and Information Technology (RTCAIT'2019), April 19th and 20th, 2019
Challenges in Acquisition of New Courses in Education, Bachelor of Technology in SD vs Traditional CSE Program: a case study of M.M. Deemed to be University	Mr. Arvind Sharma	M. M. Institute of Computer Technology Business Management, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala	20/04/2019	International Conference on Recent Trends in Computer Applications and Information Technology (RTCAIT'2019), April 19th and 20th, 2019
An Efficient Approach to Secure MWSN from Node Replication Attack	Dr. Atul Garg	M. M. Institute of Computer Technology Business Management, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala	20/04/2019	International Conference on Recent Trends in Computer Applications and Information Technology (RTCAIT'2019), April 19th and 20th, 2019
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
MM(DU), Mullana, Ambala, Haryana	Bijit Sharma	MM(DU), Mullana, Ambala, Haryana	Esah Tea	Esah Tea	01/07/2018
MM(DU), Mullana, Ambala, Haryana	Devan Bhardwaj	MM(DU), Mullana, Ambala, Haryana	Credible Future India Pvt. Limited	Organization conducting various workshop and	01/07/2018

MM(DU), Mullana, Ambala, Haryana	Mudasir Farooq Khan	MM(DU), Mullana, Ambala, Haryana	Credible Future India Pvt. Limited	events Organization conducting various workshop and events	01/07/2018
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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
MMEC	29
MM COLLEGE OF PHARMACY	2
MM COLLEGE OF NURSING	1
MMICTBM (MCA)	1
MM INSTITUTE OF MANAGEMENT	1

#### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	MM COLLEGE OF NURSING	5	0.69
National	MM COLLEGE OF PHARMACY	9	0.31
International	MM COLLEGE OF PHARMACY	28	1.32
National	MM ENGINEERING COLLEGE	71	0.01
International	MM ENGINEERING COLLEGE	99	1.31
National	MM INSTITUTE OF MEDICAL SCIENCES AND RESEARCH	50	0.03
International	MM INSTITUTE OF MEDICAL SCIENCES AND RESEARCH	36	0.77
International	MM INSTITUTE OF PHYSIOTHERAPY AND REHABILITATION	10	0.42
National	MM(DU)	15	0.06
International	MM(DU)	16	0.96

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#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MM(DU)	110

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Crude Apitoxin Extractor A Device	Filed	20722019	17/01/2019
A Method for Acceleration of Lignocellulosic Biomass Degradation Using Microorganisms	Filed	435542018	17/11/2018
IN SILICO DESIGNED AND OPTIMIZED LEAD INHIBITING BREAST CANCER MTOR FRB DOMAIN SUBSTRATE RECRUITMENT Mechanism	Published	11029632	27/12/2018
Synthesis of 1,2,3 triazole Caroxamides and derivatives thereof	Filed	11028429	02/11/2018
A System for Optimized Energy Consumption in Multicast Communication And Methods Thereof Over MANET	Published	11023691	06/07/2018
Fingertip based sensor system for health checkup	Published	11005530	10/08/2018
A System for individual care in pervasive Environment	Published	11029371A	17/08/2018
A System of Distributed Join Minimum Loaded Queue JMLQ for Load Balancing in Cloud Environment	Published	11007589A	22/03/2019
IOT Based Centralized Healthcare Infrastructure for Critical Patients	Published	11018148	24/05/2019
IOT Based Traffic Monitoring and Control System for Smart Ambulance	Published	11018152	24/05/2019

## 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Understanding the microbiome: Emerging biomarkers for exploiting the microbiota for personalized medicine against cancer	Rajpoot M., Sharma A.K., Sharma A., Gupta G.K.	Seminars in Cancer Biology	2018	40	MM (Deemed to be University) Mullana	40
Fisetin: A bioactive phytochemical with potential for cancer prevention and pharmacotherapy	Kashyap D., Sharma A., Sak K., Tuli H.S., Buttar H.S., Bishayee A.	Life Sciences	2018	28	MM (Deemed to be University) Mullana	28
Kaempferol alleviates palmitic acid-induced lipid stores, endoplasmic reticulum stress and pancreatic $\beta$ -cell dysfunction through AMPK/mTOR-mediated lipophagy.	Varshney R, Varshney R, Mishra R, Gupta S, Sircar D, Roy P.	Journal of Nutritional Biochemistry	2018	27	MM (Deemed to be University) Mullana	27
Molecular targets of celastrol in cancer: Recent	Kashyap D., Sharma A., Tuli H.S., Sak K., Mukherjee	Critical Reviews in Oncology/Hematology	2018	27	MM (Deemed to be University) Mullana	27

trends and advancements	T., Bishayee A.					
Synthesis of bimetallic Au-Ag alloyed mesocomposites and their catalytic activity for the reduction of nitroaromatics	Sareen S., Mutreja V., Pal B., Singh S.	Applied Surface Science	2018	22	MM (Deemed to be University) Mullana	22
Simulation of quarter-car model with magnetorheological dampers for ride quality improvement	Sharma S.K., Sharma R.C.	International Journal Of Vehicle Structures And Systems	2018	11	MM (Deemed to be University) Mullana	11
Upregulation of BRCA1, ERBB2 and TP53 marker genes expression in breast cancer patients	Abdulraz zaq N Zghair, R. Sharma, M. Alfaham and Anil K. Sharma	International Journal of Pharmaceut ical Research	2018	11	MM (Deemed to be University) Mullana	11
Apigenin: A natural bioactive flavone-type molecule with promising therapeutic function	Kashyap D., Sharma A., Tuli H.S., Sak K., Garg V.K., Buttar H.S., Setzer W.N., Sethi G.	Journal Of Functional Foods	2018	22	MM (Deemed to be University) Mullana	22
Drug metabolizing enzymes and their inhibitors role in	Pathania S., Bhatia R., Baldi A., Singh R., Rawal R.K.	Biomedic ine and Ph armacother apy	2018	18	MM (Deemed to be University) Mullana	18

cancer resistance						
Rail vehicle modelling and simulation using Lagrangian method	Sharma R.C., Sharma S.K., Palli S.	International Journal Of Vehicle Structures And Systems	2018	10	MM (Deemed to be University) Mullana	10
<a href="#">View File</a>						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Rail vehicle modelling and simulation using Lagrangian method	Sharma R.C., Sharma S.K., Palli S.	International Journal Of Vehicle Structures And Systems	2018	10	10	MM (Deemed to be University) Mullana
Understanding the microbiome : Emerging biomarkers for exploiting the microbiota for personalized medicine against cancer	Rajpoot M., Sharma A.K., Sharma A., Gupta G.K.	Seminars in Cancer Biology	2018	134	40	MM (Deemed to be University) Mullana
Fisetin: A bioactive phytochemical with potential for cancer prevention and pharmacotherapy	Kashyap D., Sharma A., Sak K., Tuli H.S., Buttar H.S., Bishayee A.	Life Sciences	2018	150	28	MM (Deemed to be University) Mullana
Kaempferol alleviates palmitic acid-induced	Varshney R, Varshney R, Mishra R, Gupta S, Sircar	Journal of Nutritional Biochemistry	2018	118	27	MM (Deemed to be University) Mullana

lipid stores, endoplasmic reticulum stress and pancreatic $\beta^2$ -cell dysfunction through AMPK/mTOR-mediated lipophagy.	D, Roy P.					
Molecular targets of celastrol in cancer: Recent trends and advancements	Kashyap D., Sharma A., Tuli H.S., Sak K., Mukherjee T., Bishayee A.	Critical Reviews in Oncology/Hematology	2018	111	27	MM (Deemed to be University) Mullana
Synthesis of bimetallic Au-Ag alloyed mesocomposites and their catalytic activity for the reduction of nitroaromatics	Sareen S., Mutreja V., Pal B., Singh S.	Applied Surface Science	2018	159	22	MM (Deemed to be University) Mullana
Simulation of quarter-car model with magnetorheological dampers for ride quality improvement	Sharma S.K., Sharma R.C.	International Journal Of Vehicle Structures And Systems	2018	10	11	MM (Deemed to be University) Mullana
Thermal and biological studies of Schiff bases of chitosan derived from	Lal S., Arora S., Kumar V., Rani S., Sharma C., Kumar P.	Journal of Thermal Analysis and Calorimetry	2018	78	4	MM (Deemed to be University) Mullana

heteroaryl aldehydes						
Apigenin: A natural bioactive flavone-type molecule with promising therapeutic function	Kashyap D., Sharma A., Tuli H.S., Sak K., Garg V.K., Buttar H.S., Setzer W.N., Sethi G.	Journal Of Functional Foods	2018	63	22	MM (Deemed to be University) Mullana
Drug metabolizing enzymes and their inhibitors role in cancer resistance	Pathania S., Bhatia R., Baldi A., Singh R., Rawal R.K.	Biomedicine and Pharmacotherapy	2018	78	18	MM (Deemed to be University) Mullana

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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	69	176	79	430
Presented papers	126	51	2	32
Resource persons	10	15	7	20

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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
MMEC (CIVIL ENGINEERING)	Soil Testing	Sarpanch, Gram Panchayat, Vill. Kanjala, Naraingarh	17700
MMEC (CIVIL ENGINEERING)	Structure Design and Drawing	Judicial Court Complex, Ferozpur, Punjab	6000
MMEC (CIVIL ENGINEERING)	Soil Testing	Jasti Enterprises, Jalandhar, Punjab	14160
MMEC (CIVIL ENGINEERING)	Tile/Cube Testing	Shree Ganesh Construction Co., Vill. Samlehri, Saha	750
MMEC (CIVIL ENGINEERING)	SOIL TESTING	SUB DIVISIONAL OFFICER, PANCHAYATI	177000



		RAJ, AMBALA (10 SITE OF AMBALA-I BLOCK)	
MMEC (CIVIL ENGINEERING)	SOIL TESTING	SUB DIVISIONAL OFFICER, PANCHAYATI RAJ, AMBALA (06 SITE OF BARARA BLOCK)	106200
MMCP	BIOPHAR LIFE SCIENCES PVT. LTD	TROUBLE SHOOTING STABILITY PROBLEM AND EVALUATION OF SUSTAINED RELEASE TABLETS OF ACECLOFENAC 200 MG	680000
MMCP	HORIZON BIOCEUTICALS PVT. LTD	TROUBLE SHOOTING OF TA DENTAL PASTE	400000
MMCP	VARAV BIOGENESIS PVT. LTD	TROUBLE SHOOTING STABILITY PROBLEM AND EVALUATION OF SUSTAINED RELEASE TABLETS OF ZOLPIDEM TARTRATE	300000
MMCP	ANAND PACKAGING	DEVELOPMENT AND IN-VITRO EVALUATION OF SUSTAINED RELEASE PELLETS OF ATEORVASTATIN SODIUM USING DIFFERENT POLYMERS	250000
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
MM(DU)	EXECUTIVE DEVELOPMENT PROGRAMME	CORPORATE	58400	10
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### 3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Dental Checkup Camp at Air Force Station School Kalpi	Deptt of Public Health Dentistry through NSS	2	8

Dental Checkup Camp at Air Force Station School Kalpi	Deptt of Public Health Dentistry through NSS	3	8
Dental Checkup Camp at Shahabad Markanda Mandir	Deptt of Public Health Dentistry through NSS	1	4
Dental Checkup Camp at Air Force Station School Kalpi	Deptt of Public Health Dentistry through NSS	1	8
Dental Checkup Camp at Air Force Station School Kalpi	Deptt of Public Health Dentistry through NSS	1	9
Dental Checkup Camp at R.N. Kapoor DAV Sr.Sec. Public School, Ambala	Deptt of Public Health Dentistry through NSS	1	14
Dental Checkup Camp at R.N. Kapoor DAV Sr.Sec. Public School, Ambala	Deptt of Public Health Dentistry through NSS	1	3
International Yoga Day	M.M.Deemed to be University, Mullana	2	19
Blood Donation Camp	M.M.Deemed to be University, Mullana	2	10
Tree Plantation Drive	M.M.Deemed to be University, Mullana	2	15
National Unity Day	M.M.Deemed to be University, Mullana	2	12
Special Legal Literacy Camp (Plantation Programme)	DLSA, Ambala	1	8
Meditation Awareness Programme by Advocate Ms. Alka Sharda	DLSA, Ambala	1	35
Legal Literacy Camp along with Sh. Raj Mehak, Panel Advocate	DLSA, Ambala	1	40
Students visit to Village Legal Care and Support Centre, along with Advocate Sh. Ripanjeet Singh	DLSA, Ambala	1	38
A visit of students in the villages of remote areas to enquire	DLSA, Ambala	3	30

about the Legal problems and other Social issues in the villages Milkdhankota, Bikmpur and Manki, District Ambala			
Swachta Hi Sewa Campaign 2018	NSS	5	365
Sarakshta Abhiyan	NSS	5	140
Seven Day and Night Camp	NSS	5	250
Blood Donation Camp	NSS	5	145
Tree Plantation Drive	NSS	5	240
NSS Day	NSS	5	360
National Unity Day	NSS	5	225
World cancer day	MMIN	2	23
Child abuse	MMIN	2	40
Family planning	MMIN	2	40
World Enviornment Day	NSS	5	85
Importance of Immunization	MMIN	1	40
World No Tobacco Day	NSS	5	90
Dental Checkup Camp atS D Public School Ambala	Deptt of Public Health Dentistry through NSS	1	7
Dental Checkup Camp at S D Public School Ambala	Deptt of Public Health Dentistry through NSS	1	9
Dental Checkup Camp at Govt Sen. Sec. School Adhoya	Deptt of Public Health Dentistry through NSS	1	8
Dental Checkup Camp at Govt Sen. Sec. School Adhoya	Deptt of Public Health Dentistry through NSS	1	9
Dental Checkup Camp at Rajkiya Pradihmik pathshala Adhoya	Deptt of Public Health Dentistry through NSS	1	8
Dental Checkup Camp at Gyandeeep Public School Adhoya	Deptt of Public Health Dentistry through NSS	1	8
Visit to Water	Deptt of Public	2	96

Treatment Plant Ambala	Health Dentistry through NSS		
Dental Checkup Camp at Seembla	Deptt of Public Health Dentistry through NSS	1	4
Dental Checkup Camp at Sai Angel Academy School Adhoya	Deptt of Public Health Dentistry through NSS	1	9
Dental Checkup Camp at Sarakpur	Deptt of Public Health Dentistry through NSS	1	4
Dental Checkup Camp at NDRI Karnal	Deptt of Public Health Dentistry through NSS	3	96
Dental Checkup Camp at Kendriya Vidyalaya Ambala Cantt	Deptt of Public Health Dentistry through NSS	2	11
Dental Checkup Camp at Kendriya Vidyalaya Ambala Cantt	Deptt of Public Health Dentistry through NSS	2	12
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
National Integration Camp at Mohali	2nd Prize to NSS Unit Student	Government of India Ministry of Youth Affairs Sports , Reginal Directrate of NSS, Chandigarh	110
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Internal Complaint Committee	Internal Complaint Committee	Orientation sessions regarding gender sensitization and sexual harassment were held at seminar hall M.M. College of Nursing,	1	100

		Mullana		
Internal Complaint Committee	Internal Complaint Committee	Women Violence " Jab Hai Naari Mein Shakti Saari, Toh Nari Ko Kyo Kahein Bichari" Organized by Mental Health Nursingin General OPD of MMIMSR Mullana byMsc. Nursing 1st year	1	35
Internal Complaint Committee	Internal Complaint Committee	Women's day was celebrated by organizing Panel discussion on 8th March,2019 by M.sc Nursing 1st year (Obstetrics and Gynaecological Nursing ) on "Balance for Better"	1	21
Internal Complaint Committee	Internal Complaint Committee	Debate competition was organized by M.sc Nursing 1st year (Obstetrics and Gynaecological Nursing ) on "Gender Equality Today Myth or Reality"	1	66
Awareness regarding the breast cancer	MM(DU) MMIN	Awarness regarding Breast cancer(Role play cum health education)	2	20
Awaarness for Female Foeticide	MM(DU) MMIN	Female Foeticide( Role play)	3	20
Family planning	MM(DU) MMIN	CHOTA PARIVAR sukhi parivar	2	40
Awareness Campaign	MM(DU) MMIPR, MMIMSR	World Diabetes Day	5	240
Awareness Campaign	MM(DU) MMIPR	World Physiotherapy Day	2	390

Awareness Campaign	MM(DU) MMIPR	International Womens day	4	48
Awareness Campaign	MM(DU) MMIPR	World No Tobacco Day (WNTD)	4	30
Awareness Campaign	MM(DU) MMIPR	World Environment Day	3	145
MMDU Naari Shakti Award	MM(DU)	National Women Conclave	60	1185
Swacchhata Survey	SSG	SSG18	35	400
Internal Complaint Committee	Internal Complaint Committee	Gender Sensitization Programm for B.Sc. Nursing 3rd Year Students	1	72
Internal Complaint Committee	Internal Complaint Committee	Gender Sensitization Programm for Post Basic B.Sc. Nursing 2nd Year Students	1	30
Internal Complaint Committee	Internal Complaint Committee	Gender Sensitization Programm for B.Sc. Nursing 2nd Year Students	1	43
Internal Complaint Committee	Internal Complaint Committee	Gender Sensitization Programm for M.Sc. Nursing 2nd Year Students	1	26
Internal Complaint Committee	Internal Complaint Committee	Gender Sensitization Programm for B.Sc. Nursing 1st Year Students	1	100
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### 3.7 – Collaborations

#### 3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
UiPath Academic Alliance	MMEC Students	MM(DU)	180
Post doctoral research fellowship	Dr. Neeraj Sharma	Global Excellence Stature fellowship2018	210

Student exchange programme, Alicate University Spain	Mr. Chetan Pant	Under Eromus KA107 Programme (European Comission)	180
Industrial Project	Ajaml	Softbazar, Kabul, Afghanistan	180
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Intership	Job Training	The Lalit Chandigarh	01/01/2019	30/06/2019	1
INTERNSHIP	M.Sc Chemistry Industrial Project (MCH308)	Modern Dairies Ltd., G.T.Road, Shamgarh, Karnal	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemistry Industrial Project (MCH308)	ICAR Consultancy Cell, N.D.R.I, D.T Division, Karnal, Haryana	10/06/2018	14/07/2018	4
INTERNSHIP	M.Sc Chemistry Industrial Project (MCH308)	IndSwift Laboratories Ltd, Industrial Area, PhaseI, Panchkula	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project (MCH308)	Nitin Pharmaceutical, Sector3, Karnal (Hry.)	10/06/2018	14/07/2018	11
INTERNSHIP	M.Sc Chemistry Industrial Project (MCH308)	IndSwift Laboratories Ltd, Vill. Bhawanpur, Teh.Derabassi, Plot No. E5, PhaseII, SAS Nagar, Mohali	10/06/2018	14/07/2018	6
INTERNSHIP	M.Sc Chemi	National	10/06/2018	14/07/2018	1

	stry Indust rial Projec t(MCH308)	Agri Food Bi otechnologyI nstitue(NABI ) Mohali, Punjab			
INTERNSHIP	M.Sc Chemi stry Indust rial Projec t(MCH308)	Surv Biotech Enterprise Pvt.Ltd,Plot No.131, 1st Floor, Industrial Area, Phase2, Punchkula (Hry.)	10/06/2018	14/07/2018	6
INTERNSHIP	M.Sc Chemi stry Indust rial Projec t(MCH308)	Tin Chem. Enterprise Pvt. Ltd,50Focal Point, Industrial Area, Patiala (Pb.)	10/06/2018	14/07/2018	11
INTERNSHIP	M.Sc Chemi stry Indust rial Projec t(MCH308)	Vita Milk Plant,Baldev Nagar,G T Road , Ambala, Ambala City	10/06/2018	14/07/2018	2
INTERNSHIP	INDUSTRIAL TRAINING	Aman kora Bhutan	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	Verka, Mohali	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Oniosom Healthcare Pvt. Ltd.	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Britania, New Delhi	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Markfed, Jalandhar,	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Kitty Bread, Ludhiana	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	Cadbury, Himacal Pradesh	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Verka, Gurdaspur	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	Columbia Hospital, Patiala	01/01/2019	30/06/2019	1



INTERNSHIP	INDUSTRIAL TRAINING	CMC, Ludhiana	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	PGIMER, Chandigarh	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Ramaiah Memorial Hospital, Bangalore	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	Apollo Hospital, New Delhi	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Rockland Hospital, New Delhi	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	GMCH, Chandigarh	01/01/2019	30/06/2019	2
INTERNSHIP	INDUSTRIAL TRAINING	Norvic Int ernational Hospital, Nepal	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	BAJWA VEGICRAFT PVT. LTD., BHORE SAIDAN , KURUKSHETRA	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	NESTLE INDIA LIMITED, SAMALKHA	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	MONDELEZ INDIA FOODS PVT. LTD. UNITII, SANDHOLI, BADDI	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	PEPSICO INDIA HOLDINGS PVT. LTD. (SNAKS DIVISION), CHANNO, SANGRUR	01/01/2019	30/06/2019	1
INTERNSHIP	INDUSTRIAL TRAINING	PARLE BISCUITS PVT. LTD., BAHADURGARH	01/01/2019	30/06/2019	12
INTERNSHIP	INDUSTRIAL TRAINING	District Legal Services Authority Ambala	01/06/2019	12/06/2019	40

Internship	Job Training	The Lalit New Delhi	01/01/2019	30/06/2019	1
Internship	Job Training	Le meridien Paro	01/01/2019	30/06/2019	1
Internship	Job Training	Le meridien Bhutan	01/01/2019	30/06/2019	1
Internship	Job Training	Bells Vista Punchkula	01/01/2019	30/06/2019	1
Internship	Job Training	Ramada Chandigarh	01/01/2019	30/06/2019	1
Internship	Job Training	Tha Lalit Gurgaon	01/01/2019	30/06/2019	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Regain Laboratories, 134/5, H.T.M. Road, Raipur Lane, Hisar (Hry.)	10/06/2018	14/07/2018	5
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Upkar Pharmaceuticals, 101, Industrial Area Gondpur, Rajban Road, Ponta Sahib(H.P.)173025	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Vishal Pharmaceutical Unit, 2526, Sector2, Industrial Area, Kurukshe tra(Hry.)	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Primus Pharmaceuticals ,, Sadhoura Road, Mouja Ogl iKhari, Vill. Asgarpur Majara, Kala Amb Sirmour. (H.P)	10/06/2018	14/07/2018	3
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Gray' Herbal Remedies, Jawhargarg Road, V.P.O. Saha, Ambala	10/06/2018	14/07/2018	10
INTERNSHIP	M.Sc Chemistry Industrial Project	Karnal Milk Foods Ltd., 134th	10/06/2018	14/07/2018	3

	t(MCH308)	Milestone, G.T. Road, D adupur, Karn a. Pin132001			
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	Plot No. 80, Sec. 27, 28 Near Industrial Area. Hisar Pin125001	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	McneilArgus Pharmaceutic als Ltd. 100Rampur Road, Ambala Cantt	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	Varav Biogenesis Pvt.Ltd. Plot No 3A, Industrial Area, Trilokpur Road, Kala Amb, Sirmour ,KalaAmb(H.P ) 173030	10/06/2018	14/07/2018	5
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	Pushkar Pharma Pvt.Ltd. Bha ndariwala, Kheri, Kala Amb, Sirmour, Pin 173030(H.P)	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	Samson Laboratories Pvt.Ltd.152, Sansiwala, Barotiwala, Baddi Himachal Pradesh, Pin 173030	10/06/2018	14/07/2018	3
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	Sagius Lifesciences Ltd. Industrial Area, Hisar Haryana.1250 44	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemi stry Indus trial Projec t(MCH308)	Nector Life Science Ltd.,	10/06/2018	14/07/2018	2

	t(MCH308)	Barwala Road, Vill.Saidpura, SahibzadaAjit Singh Nagar, Derabassi (Pb.)140507			
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Sakshi Enterprises Ltd. 140, IDC , Hisar Road, Rohtak(Hry.)	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Vita Milk Plant, Industrial Estate, PuraniSubjiMandi . Jind (Hry.)	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Therawin Formulations Pvt. Ltd.,69, 71, Jasmeet Nagar, Near Vita Milk Plant Ambala City (Hry.)	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Mcdil Laboratories, Khidda Kalan, Opp. Govt. High School, Distt. Ambala134003	10/06/2018	14/07/2018	3
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	KurukshetraKarnal Cooperative Milk ProducersUnion Ltd., Milk Plant, G.T. Road, Kurukshetra 136118	10/06/2018	14/07/2018	4
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	University Center Of Excellence in Research, Bana Farid University of Health Sciences, Faridkot(Pubja	10/06/2018	14/07/2018	1

		b)151203			
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	D3, Industrial Estate I.T.I., Delhi Road, Saharanpur U.P 247001	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Shree Shyam Snacks Foods Pvt, L td.PlotNo82, Sec27, Industrial Area, Hisar, (Hry.)12505	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Prashanti Formulations Ltd. Vill. Nangal, Shaheedan, Opposit to petrol pump, Noshiar, Hosh iarpur 146001, Punjab	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Kimia Biosciences, Vill. Bhonsi, Damdama Lake Road, SohnaRo ad, Gurugram (Hry.)122001	10/06/2018	14/07/2018	4
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Supertechist Company, 333, Industrial Area, Saha	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Bhrigu Pharma Private Limited, Village Garhi, Udhamgarh, near Samta Yoga ashram, National Highway:73A, Distt. Yamunanagar	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemi	Vita Life	10/06/2018	14/07/2018	3

	stry Industrial Project(MCH308)	Laboratories , Vill. Pathreri, BilaspurTauruRoad, Gurgaon (Haryana).			
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Siddharth GreaseLubes Pvt.Ltd, Sec 3, Plot No. 13, IMT Manesar, Gurugram, Haryana 122050 Siddharth GreaseLubes Pvt.Ltd, Sec 3, Plot No. 13, IMT Manesar, Gurugram, Haryana 122050	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Alna Vedic (A Unit Of Alna Biotech Private Limited), SCF 1013, Ground Floor, Motor Market, Manimajra Chandigarh (India) 160101.	10/06/2018	14/07/2018	2
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	ZEE Laboratories Ltd, Uchani, G.T. Road, Karnal132001 Haryana,	10/06/2018	14/07/2018	1
INTERNSHIP	M.Sc Chemistry Industrial Project(MCH308)	Glenmark Pharmaceuticals LTD, Kishanpura, Baddi, Himachal Pradesh 173205	10/06/2018	14/07/2018	1
BOSCH	Training in the field of Advance technology of Automobile	BOSCH	11/12/2018	30/04/2019	61

Industry - Institute Interaction	Industrial Training	Alkem Laboratories Ltd (0179539 8299)	24/06/2019	23/07/2019	4
Industry - Institute Interaction	Industrial Training	Elfin drugs Pvt, Ltd.	20/06/2019	19/07/2019	2
Industry - Institute Interaction	Industrial Training	Samson Laboratories Pvt, Ltd (Samson Laboratories@yahoo.com)	17/06/2019	16/07/2019	4
Industry - Institute Interaction	Industrial Training	Windlas Biotech Pvt.Ltd.	22/06/2019	23/07/2019	3
Industry - Institute Interaction	Industrial Training	Gonosis Pharmaceutical Pvt Ltd (gonosispharma.delhi@gmail.com)	20/06/2019	20/07/2019	9
Industry - Institute Interaction	Industrial Training	Zee laboratories ltd	20/06/2019	20/07/2019	8
Industry - Institute Interaction	Industrial Training	Saphnix life sciences	20/06/2019	20/07/2019	1
Industry - Institute Interaction	Industrial Training	Panacea biotec	17/06/2019	13/07/2019	1
Industry - Institute Interaction	Industrial Training	Mankind	18/06/2019	17/07/2019	2
Industry - Institute Interaction	Industrial Training	Athens Lifesciences	19/06/2019	19/07/2019	2
Industry - Institute Interaction	Industrial Training	Sunvet Health Care	20/06/2019	20/07/2019	1
Industry - Institute Interaction	Industrial Training	Dr'Reddy's	01/07/2019	26/07/2019	1
Industry - Institute Interaction	Industrial Training	Lomus Pharmaceuticals Pvt, Ltd (lomus@ntc.net.np)	21/06/2019	21/07/2019	1
Industry - Institute Interaction	Industrial Training	Curex Pharmaceuticals Pvt. Ltd	20/06/2019	20/07/2019	1

Industry - Institute Interaction	Industrial Training	Pegasus Pharmaco india Pvt Ltd	24/06/2019	20/07/2019	1
Industry - Institute Interaction	Industrial Training	Osacr remedies pvt ltd	17/06/2019	20/07/2019	1
Learning Resources	Alliances Acedemic Educational Material for Teaching Puposes	SAP	05/07/2018	30/04/2019	249
Learning Resources	Spoken Tutorials	IIT, Bombay	21/09/2018	30/06/2019	75
Internship	Industrail Training	MM Continental	01/01/2019	30/06/2019	17
Internship	Industrail Training	Jw Marriot Pune	01/01/2019	30/06/2019	1
Internship	Industrail Training	Jw Marriot Chandigarh	01/01/2019	30/06/2019	2
Internship	Industrail Training	Fairfield By Marriot Pune	01/01/2019	30/06/2019	2
Internship	Industrail Training	Radission Blu Ludhiana	01/01/2019	30/06/2019	1
Internship	Industrail Training	MM Continetal	01/01/2019	30/06/2019	19
Internship	Industrail Training	Trident Agra Jaipur	01/01/2019	30/06/2019	1
Internship	Industrail Training	Crown Plaza Rohini	01/01/2019	30/06/2019	2
Internship	Industrail Training	Crown Plaza greater noida	01/01/2019	30/06/2019	3
Internship	Industrail Training	Jw Marriot Chandigarh	01/01/2019	30/06/2019	4
Internship	Industrail Training	Lalit Chandigarh	01/01/2019	30/06/2019	3
Internship	Industrail Training	Hotel Mansingh Jaipur	01/01/2019	30/06/2019	2
Internship	Industrail Training	Fusifaru Maldives	01/01/2019	30/06/2019	1
Internship	Job Training	Lemon Tree New Delhi	01/01/2019	30/06/2019	1
Internship	Job Training	Hilton Jaipur	01/01/2019	30/06/2019	1



Internship	Job Training	Hotel de aura New Delhi	01/01/2019	30/06/2019	1
Internship	Job Training	The Lodhi New delhi	01/01/2019	30/06/2019	1
Internship	Job Training	Jw Marriot	01/01/2019	30/06/2019	1
Internship	Job Training	Radission Chandigarh	01/01/2019	30/06/2019	1
Internship	Job Training	Hotel Sapphire Zirakpur	01/01/2019	30/06/2019	1
Internship	Job Training	Westin Delhi	01/01/2019	30/06/2019	1
Internship	Job Training	Bella Vista Chandigarh	01/01/2019	30/06/2019	1

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ICARCSSRI	25/05/2018	Research	3
UpGrad Education Private Ltd.	27/11/2018	To carry out on and off campus marketing activities.	29
Unix Biotech, 27, Export Promotion Industrial Park, Phase I, Jharmajri, Baddi, Distt. Solan 173205 (H.P.)	22/08/2018	Pharmacovigilance, Development of Analytical Method for Dosage Form, Development and validation of novel methods in single/combined dosage forms and transfer the developed technologies	7
Bodhi Health Education	01/07/2018	E Learning modules	7
Institute of Mental Health Hospital, Agra	02/06/2019	Clinical experience	25
Parkinsons disease and Movement Disorder Society, Mumbai, India	23/01/2019	The purpose is establishing and running a Parkinsons and Rehabilitation	114

		Clinic in Maharishi Markandeshwar Institute of Physiotherapy and Rehabilitation and fostering academic cooperation in the field of physiotherapy and rehabilitation studies	
IIT Bombay	21/09/2018	Spoken Tutorials	286
UpGrad Education Private Ltd.	27/11/2018	To Carry out campus marketing activities.	5
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2983.91	6849.81

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Newly Added
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Others	Newly Added
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL 2.0	Fully	2.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	164387	103812000	2104	2879000	166491	106691000
Reference Books	7739	4843000	527	319000	8266	5162000
e-Books	125000	35400	10356	53000	135356	88400
Journals	666	9150000	Nil	9626000	666	18776000

e- Journals	11859	2844000	Null	2833000	11859	5677000
Digital Database	3	661000	Null	815000	3	1476000
CD & Video	7344	31000	117	Null	7461	31000
Weeding (hard & soft)	2792	1354000	237	115000	3029	1469000
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
DR. YOGESH KUMAR	CHILD HEALTH NURSING 1	GOOGLE CLASSROOM	01/08/2018
DR. YOGESH KUMAR	CHILD HEALTH NURSING 2	GOOGLE CLASSROOM	16/08/2018
DR. YOGESH KUMAR	NURSING EDUCATION	GOOGLE CLASSROOM	01/08/2018
DR. PARVINDER KAUR	PIM	EASYGENERATOR	01/06/2019
DR. M. S. RATHORE	NAAC Accreditation: IIQA	Youtube <a href="https://www.youtube.com/watch?vbIkapoy3GqI">https://www.youtube.com/watch?vbIkapoy3GqI</a>	14/04/2019
DR. M. S. RATHORE	NAAC Accreditation: Introductory	Youtube <a href="https://www.youtube.com/watch?vMwfZ2ORjV9ct29s">https://www.youtube.com/watch?vMwfZ2ORjV9ct29s</a>	12/04/2019
DR. M. S. RATHORE	NAAC Accreditation 2019/20: Registration of HEI on NAAC Portal	Youtube <a href="https://www.youtube.com/watch?vfJ8FwHmj4wAt49s">https://www.youtube.com/watch?vfJ8FwHmj4wAt49s</a>	12/04/2019
<a href="#">View File</a>			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	2132	40	2132	34	6	76	51	1000	52
Added	315	0	315	2	0	3	1	1000	27
Total	2447	40	2447	36	6	79	52	2000	79

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

2000 MBPS/ GBPS
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##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
27 Classrooms equipped with Smart Boards and e-content development facilities	<a href="https://www.mmumullana.org/download/IOAC/agar-2018-19/4.3.3-facility-for-e-content-development.pdf">https://www.mmumullana.org/download/IOAC/agar-2018-19/4.3.3-facility-for-e-content-development.pdf</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
350	335.87	680.25	1067.06

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The University ensures appropriate allocation and utilization of the available infrastructure and financial support for maintenance and upkeep of different facilities by holding regular meetings of constituted committees for the purpose and using the grants received as per the requirements in the interest and need of students. The colleges/institutes/departments of the University are equipped with world class facilities of labs where the students get exposure to different procedures before going for the actual practice. The labs are having sufficient resources to practice the procedures. Each lab incharge keeps a record of the articles/ equipment present in the lab and lab inventory is checked on a regular basis. In addition, periodic audits are also conducted by IQAC cell. The articles which are nonfunctional are sent for maintenance or replacement. The expired medications are discarded. Any requirement for the new articles/ equipment is written in the indent book and the same is received and added into the stock register. Record of maintenance is maintained by lab technicians and supervised by Laboratory Incharge of the Institute. Other measures to maintain laboratories are as follows: 1. The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of related owner enterprises. 2. The computer labs are utilized by the faculty and students for practical work whereas as the Computer centre is used for browsing purposes. The lab technicians are available full time in the Institute to maintain the equipments. A complaint register is maintained in the lab for nonfunctioning equipment. Classrooms: The colleges/departments/institutes of the MM(DU) have a committee for maintenance and upkeep of infrastructure. At the departmental level, classroom/lab incharges submit their requirements to the Principal regarding classroom furniture and other. The Institute development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. Library: The library is open in the Institute for the staff and students. The Institutes Library Advisory Committee maintains the library upto date. The LCD projectors are available in the lecture theaters for effective teaching. The consumable and non consumable articles procured from central store through Indent book. With the help of the full time sweepers cleanliness of class rooms and computer labs are maintained. They are well equipped with modern tools of cleaning such as mops, gloves and vacuum cleaner. 1. A complaint register is maintained in office in which students as well as faculty can register their problems which are resolved within a set time frame. 2. Students are sensitized regarding cleanliness and motivated for energy conservation by careful use of electricity in classrooms. There are technicians, masons, plumbers, carpenters deputed by

management who ensure the maintenance of classrooms and related infrastructure. Suggestion box is installed at appropriate places to take users feedback.

<https://www.mmumullana.org/download/IQAC/aqar-2018-19/4.4.2-procedures-and-policies-for-maintaining.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	MM(DU) scholarship / Award of Scholarship/Financial assistance to students 20182019	128	2232960
Financial Support from Other Sources			
a) National	EKALYAN, PRIME MINISTER SPECIAL SCHOLARSHIP SCHEME, SNA SCHEME, PRIME MINISTER SCHOLARSHIP	18	1672800
b) International	NEPAL AID FUND, DJI BOUTI HIGH COMMISSION	5	794385

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Learning about personal counseling to patients of Tuberculosis and Malaria	16/08/2018	135	E Learning Indian Nursing Council
Mentoring of students and personal counseling to enhance capacity of students	01/07/2018	8739	MM(DU)
Soft Skill Development	01/08/2018	538	Technovo and MM(DU)
Career Counseling	01/07/2018	1910	MM (DU) Placement Cell
Language Lab	01/07/2018	165	Academy of computer training Pvt Ltd., Ahemdabad
Competition preparation Classes and MOCK Test	31/10/2018	348	MM(DU) Faculty
Remedial Classes	24/08/2018	790	MM(DU)

Stress Management, Meditation, Yoga	01/08/2018	210	Swami Vivekanand Yog Seva Sansthan, Arogya Bharti, Yamunanagar, International Naturopathy Organization (INU), Surya Foundation
Pre-Placement Classes	04/07/2018	72	MM(DU)
Personality Development Program	04/07/2018	216	Career Launche, Placement Cell MM(DU)
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Competition Exam Preparation (GATE/NET/GPAT etc) Career Counseling Training	410	1910	37	1183
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
80	80	3

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
122	1910	1183	61	90	84
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
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	higher education				
2018	342	UG/PG Programs offered by MM(DU)	MM(DU)	Higher Education Institutes	PG/PhD/other programs
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3
Any Other	34
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cultural and Sports Activities/Competitions organised at MM(DU)	National/State/Local	7885
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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	First Prize Infusion 19, (IIM, Rohtak )	National	Nil	1	1317037, 1317122	Alina, Jurat Omari
2019	1st position-ELATION, MICE (Amity, Noida )	National	Nil	1	1217094	SoafyKairine
2019	1st prize in story telling competition at Yamunanagar	National	Nil	1	90635755 2966	Deepika
2018	1st prize in declamation competition at DAV college, Ambala city	National	Nil	1	93505669 5003	Akanksha

2018	Won 1st Prize in 'Flower Fantasize' a hospitality fest organised by MMICTBM (HM)	National	Nil	1	15177011	Priya Sahni Twinkle
2019	Won 1st Prize in 'The Lucky Rice Bowl' competition held in GIHM, Sonipat, Haryana	National	Nil	1	1516033 , 1518401	Susheel Kumar Kanahiya Garg
2019	Won 2nd Prize in 'Rising Star' Chef Competition held in GNA University, Phugwara, Punjab	National	Nil	1	1518412 , 1518401	Ahmed Khan Kanahiya Garg
2018	Best Mooter, 2nd National Moot Court Competition on 2nd 3rd, November, 2018 by Swami Devi Dyal College of Law, Barwala	National	Nil	1	2514034	Sahil Alahavadhi
2018	2nd Prize, National Seminar on "Higher Education in era of Innovation , Entrepreneurship and Disruptive Technology	National	Nil	1	2517012	Ananya Srivastav



with a focus on Human Values in the age on Disruption .” on 24 to 25 Aug 2018 by Association of Indian Universities (AIU), New Delhi, Int

2018	FBB CAMPUS PRINCESS 2018, LPU, Jalandhar	National	Nil	1	1914032	Ms Kritika
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Maharishi Markandeshwar (Deemed to be University) has 11 constituent colleges/institutes /department. Each constituent institute has a functional student council. Each class has class representatives which are elected by students of the class. At department/Institute/College level a president/Secretary/Executive council member is elected by all representatives. Student councils of respective constituent units of MM (DU) do participate in various activities conducted by their respective departments (like seminar/conference/co-curricular/Sports activities) and representation is also made in various committees constituted for welfare of students. At University level functions/activities, members of student council participate and coordinate activities in mega event like UniversuMM (An Inter University Youth Festival organized by MM (DU) every year). The council members are having their representation in various committees and do activities under supervision of faculty members. Students also have representation in Internal Quality Assurance Cell at University level as well as institute/college/department level.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

According to feedback of the students, we tried to make suggestive improvements in our curriculum and other lacking aspects. We tried to incorporate the suggestions as per best of us.

5.4.2 – No. of registered Alumni:

10824

5.4.3 – Alumni contribution during the year (in Rupees) :

890000

5.4.4 – Meetings/activities organized by Alumni Association :

**CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Practice 1 The decentralized governance model is evident in every sphere as each department/faculty functions as a separate sub-unit, in deciding and implementing the student-centric programmes and activities. At various levels the University grooms the leadership and provide opportunities for participative management. Board of body, Management, Principals, Directors, Heads of Departments, Mentors, Academic Coordinator, IQAC Members, Teaching staff, Non-teaching staff, Supporting staff, Student's Council, Student representatives, Stakeholders, Alumni and various other committees for different purposes are empowered to propose, design, formulate and execute their plans within the frame work of University Governance. The constituent institutes/colleges/department are given authority to conduct industrial tours and to have tie up with industry experts and appoint coordinator and convener for organizing seminars/workshops/ conferences/FDPs at their discretion. The Management is participative and regular meetings are convened amongst the Management members, Directors, Principals, Heads of Departments, Faculty and the Students in implementing plans. All the departments are requested to present their Annual Action Plan at the beginning of every academic year to conduct various activities with a clear roadmap to deliver the same. The matters at the departmental level are discussed by the HOD with the faculty team in consultation with the Principal/ Director. Practice 2: The academic delivery layout is prepared by the department in consultation with the relevent authorities. The curriculum development is sent through the department by its Board of Studies for the further approval by the Academic Council of the MM(DU). The Dean of Faculty of the institute and Professors are the members of the Academic Council and members of Planning and Monitoring Board wherein the decisions to improve the academic excellence and growth are taken after due discussion.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

**6.2 – Strategy Development and Deployment**

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Research and Development	The Research and Development Cell with an objective of promoting research by students and the faculty members. The faculty members are encouraged to organize seminars/conferences, to attend and present papers at state/national/international conferences and seminars. Faculty members and students are motivated to publish their research papers in reputed national and international journals / conferences. Regular guidance is provided to Faculty members and students about research papers writing. Regular progress of research is checked

by departmental research committee. Research promotion policy is implemented to motivate faculty and research scholar to publish quality articles in Scopus/Web of Science/PubMed indexed Journals and to engage them selfed in innovative activities

Curriculum Development

The curriculum development is sent through the departmental committee by its Board of Studies for further approval by the Faculty and the Academic Council of the University. The Dean of Faculty of the institute , HOD and Professors are the members of the Academic Council . Dean are also members of the Planning and Monitoring Board wherein the decisions to improve the academic excellence are taken. The curriculum is updated from time to time as per the need of industry based on feedback on curriculum received from students, faculty, alumni, Industry persons and academicians.

Teaching and Learning

Numerous methods are utilized to improve the quality of teaching learning activities. In labs, simulators are used to improve the practice skills. Demonstration, hand on skills are being taught to the students before going to the clinical areas. Videos, webinars, and e learning are used to make the topic more understandable for students. In classroom power point presentation are used. Innovative teaching learning activities, Modular based Teaching, Video based Teaching, e- Learning, Webinars, Quiz Competition and computer assisted learning are used for teaching and learning activities.

Examination and Evaluation

Examination committee conducts meeting twice in a year prior to University Examination in order to ensure smooth conduction of the examination. Committee also takes in to account to reduce malpractices and framed certain rules keeping in the view regulations. The committee make all possible efforts to stop possible malpractices and conduct examination systematically. Internal marks are allotted based on the class performance , assessment test marks and the student's attendance percentage. Theory and practical examinations consists of two components Namely, external

evaluation and internal evaluation. Remedial classes and Counselling are provided for slow learners. Special classes are held during Training and placement activities. Paper setters are appointed from a pannel recomended by the respective BOS and approved by Acedemic Council. Paper setting and evulation process is carried out maintaining full secrecy with full credibility.

Library, ICT and Physical  
Infrastructure / Instrumentation

Students have the facility of departmental library in the constituent institutes or colleges or departments of the university with the availability of books/Journals of all concerned streams along with previous batch thesis, newspaper, magazine/periodicals. Students are provided with one hour library lecture every week in the time table to utilize the resources. Student can issue the books for a maximum period of 15 days. E-leaning, Webinars, Power point presentations and Videos are used by teachers and students for better teaching and learning . Institutions have well furnished computer lab with internet connection. All the Classrooms, Demostration rooms, tutorials are well furnished and fully equipped with projectors. Departments are having furnished smart classrooms. Well furnished seminar halls are available that are used for the purpose of organizing Guest lectures, Fresher's and Farewell parties, Alumni Meet etc. The Library has wide range of International and National Journals and E-resource sunscriptions for accesing the newly published research. Other online learning resources such as NDL, NPTEL, DELNET, INFLIBNET etc. are available in the institution.

Human Resource Management

Work culture: Staff welfare committee organiz welcome party for newly joining and farewell of outgoing staff. Academic leaves for attending conferences are also available for the faculty. Induction programmes and hand holding in clinical areas for new joining faculties with closed supervision and monitoring by senior staff. Motivation for publications and attending conferences. Teacher's appraisal is discussed by the faculty and promotion of Faculty as per norms. At closing of every academic session,

the vacancies are identified (if any), processed and after receiving the applications the process of screening and scrutiny is followed by conducting interviews by selection panel. Selected candidates are placed in departments with process of orientation and Induction training. University take care of non-teaching staff for their welfare and career progression.

Industry Interaction / Collaboration

Students are provided with the Clinical and Field exposure by placing the students at extraneous reputed organizations and fields as per the curriculum requirement and additional enrichment. Periodic Guests lectures and Industry Interactions are organised to have more practical exposure among the students. Continuous interaction with the industry for identification of gaps between industry aspirations and skills imparted to students is a regular feature. The university has established MoUs with reputed core industries to enhance Industry-Institute Interaction activities like industrial visits, in-hand trainings, value added courses, guest lecturers etc., for the professional development of students and faculties.

Admission of Students

The university website, prospectus and handbook contain information about the university and the programmes offered. The prospectus that highlights the details of various programmes of the university is prepared every year prior to the commencement of admissions. The prospectus also gives details of eligibility norms for admission. It is given to the applicants along with the application form. All information relating to admission processes is made known to the public by way of a Help Desk that is set up during admissions or through website. Committees at department/institute/college level is constituted to provide information to prospective candidates regarding the programs or courses being offered by department/institute/college of the University apart from providing information through electronics and print media. Counselling also done regarding different programs. During admission and counselling students are informed about infrastructure, facilities

,courses,placements information and governance and functioning of the University.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	<p>The administrative office uses software for E-governance for smooth functioning of Finance and Accounts department of the University. All the faculty can view their salaries online and any discrepancies are immediately resolved. This helps to increase the efficiency of staff towards the accuracy and retrieval in financial matters. The administrative office keeps all financial records separately as per the events and transactions made and regular audits conducted by internal and external Agency appointed by the BOG.</p>
Student Admission and Support	<p>The admission procedure includes software for the admission purpose along with student admission call centre with toll free no. and has extended helping counter for the students which provides them several services such as replying their queries, Admission form Filling, depositing of fee, Examination form filling as well as Scholarship Form filling at one place only. This service counter protects the students from outside service centre where they need pay fees for it. The Helping counter i.e. service centre provided is free of cost.</p>
Examination	<p>The University has decentralized Sessional Examination system (Conducted by Constituent Institute/Departments) with equipped ICT tools necessary for conduct of examinations. As per the requirement of Examination committee of constituent institute/department, all the necessary equipments are provided by the University. The examination department takes all measures to maintain secrecy and transparency during whole examination procedure.</p>
Planning and Development	<p>The Planning Monitoring Board is the principal Planning Body of the University and is responsible for the monitoring of the development of plans and their execution. The constitution, powers and functions of the Planning Monitoring Board are as prescribed by</p>

the rules: The Planning Monitoring Board has the right to advise the Board of Management and the Academic Council on any matter which it considers necessary for the fulfilment of the objectives of the institutions in the University. The recommendations of the Planning Monitoring Board are placed before the Board of Management for consideration and approval. Proposals relating to academic matters are processed through the Academic Council. Periodic BOS Academic Council Meetings are held. Online feedback from the students is taken and assessed.

**Administration**

The Administration of the College is functioning with E-governance system at Government, Society and University level. The University is established in Mullana Village. The admission, human resource management, Accounts functions, student feedback and grievance redressal is executed through online system. Biometric attendance provision is there for teaching, non-teaching staff and students too. The University campus is equipped with CCTV Cameras at every place of need with adequate security arrangement to ensure security of University faculty, staff, students etc.

**6.3 – Faculty Empowerment Strategies**

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr Sumeet Gupta	2nd, Leadership Development Conclave, GOA	NA	25468
2018	Dr. Dwakar Aggarwal	AICTE sponsored Faculty Development Program on Student Induction Program at Sant Longowal Institute Of Engineering and Technology, Lon	NA	1800

		gawal		
2018	Vanita Aggarwal	Attended a seminar on Gender Equity in Science and Technology for Sustainable Development, held at WSRC, Kurukshetra University on Feb 21 2019	NA	3000
2018	Dr. Subodh Kumar Pathak	OBSERVERSHIP IN ORTHOPEDIC ONCOLOGY 10.12.18 TO 15.12.2018	NA	3000
2018	Dr. Sameer Singhal	NAPCON 2018 29.11.18 TO 02.12.2018	NA	3000
2018	Dr. Jai Kishan	NAPCON 2018 29.11.18 TO 02.12.2018	NA	3000
2018	Dr. S.C.Sharma	AROICON 2018 29.11.18 TO 02.12.2018	NA	3000
2018	Dr. Naina	104TH ANNUAL CLINICAL CONGRESS 21-25 OCT 2018	NA	10000
2018	Dr. Mukti Sharma	5TH BASIC ECHO COURSE 9.11.2018	NA	3000
2018	Dr. Suvarna Prasad	26TH ANNUAL CONFERENCE OF ASSOCIATION OF MEDICAL BIOCHEMIST OF INDIA 16-18.11.2018	NA	3000
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Expert talk on	NA	18/09/2018	18/09/2019	40	Nil



	Molecular Diagnostic s of Infectious agents and its Clinical relevance in Current area by Dr. Narotam Sharma					
2019	Novel filling materials Cention N	NA	14/03/2019	14/03/2019	108	Nil
2018	CME - API Haryana Mid Year CME	NA	12/08/2018	12/08/2018	200	Nil
2018	4th Workshop on Cardiop ulmonary R esuscitati on	NA	17/12/2018	17/12/2018	170	Nil
2019	CME cum workshop on Parkinsons disease	NA	23/01/2019	23/01/2019	200	Nil
2018	NA	Workshop on Open Office	16/08/2018	16/08/2018	Nil	130
2019	NA	Workshop on Manufac turing (Level-2) Food safety Supervisor Training	22/01/2019	22/01/2019	Nil	3
2018	NA	One day training programme Hands on exposure for use of fire extin guisher and work safety in the	31/07/2018	31/07/2018	Nil	19

		laboratory				
2019	NA	One Day workshop on hands on practice and validation of HPLC	17/04/2019	17/04/2019	Nil	9
2019	NA	BCLS COLS Training Programme for Non Teaching Staff	30/01/2019	30/01/2019	Nil	74
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Recent Techniques of Embalming plastination	7	11/04/2019	11/04/2019	1
Recent advances in vaccinology	12	15/06/2019	15/06/2019	1
ENT Radiology update	4	17/04/2019	17/04/2019	1
Updates- Diabetic macular oedema	4	05/05/2018	05/05/2018	1
Mental Health Care Act 2017: Looking forward	3	24/05/2019	24/05/2019	1
Hospital violence Medicolegal issues	4	26/06/2019	26/06/2019	1
Ethical issues in clinical pharmacology research	5	06/06/2019	06/06/2019	1
Pathology of gynaecological malignancies	11	18/04/2019	18/04/2019	1
Antimicrobial resistance -Finding	6	18/06/2019	18/06/2019	1

solutions				
Screening for cancers : Creating awareness	7	11/06/2019	11/06/2019	1
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
734	734	1214	1214

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Workman compensation insurance for all employees 2. Group insurance policy which covers personal accident insurance with medical expenses reimbursement, 3. Mediclaim policy for illness, salary through bank, 4. Timely promotion as per regulating bodies norms. 5. CPF scheme, incentive for the publication of research papers in reputed international. 6. Research journals published abroad, conducive ambience for any academic pursuit. 7. Sports facilities with swimming pool. 8. Medical treatment in MM Hospital. 9. Transport facility for various cities. 10. Internet/wi-fi facility to all the staff. 11. Concession in MM Hotel charges. 12. Gym facilities separate for male female. 13. Canteen facility for staff and faculty. 14. Public health centres established in nearby villages and at Ambala are also available for routine check-up of the families of the employees residing in those localities 15. Market,</p>	<p>1. Workman compensation insurance for all employees. 2. Group insurance policy which covers personal accident insurance with medical expenses reimbursement. 3. Mediclaim policy for illness. 4. Salary through bank. 5. Timely promotion as per regulating bodies norms. 6. CPF Scheme. 7. Sports facilities with swimming pool. 8. Medical treatment in mm Hospital. 9. Transport facility for various cities. 10. Internet/wi-fi facility to all the staff. 11. Concession in MM Continental Hotel charges. 12. Gym facilities separate for male female. 13. Canteen facility for staff. 14. Public health centres established in nearby villages and at Ambala are also available for routine check-up of the families of the employees residing in those localities. 15. Market, post office, banks with atm etc. 16. Leave encashment at the time of retirement. 17. Personal loan to the staff members. 18. Tuition fee concession for 2</p>	<p>Conducive ambience for any academic pursuit. 2. Group insurance policy which covers personal accident insurance with medical expenses reimbursement. 3. Mediclaim policy for illness. 4. Incentive for the publication of research papers in reputed international research journals published abroad. 5. Sports facilities with swimming pool. 6. Medical treatment in MM Hospital. 7. Transport facility for various cities. 8. Internet/wi-fi facility to all the students. 9. Concession in MM Continental Hotel charges. 10. Gym facilities separate for male female. 11. Canteen facility for students. 12. Public health centres established in nearby villages and at ambala are also available for routine check-up. Post office, banks with atm etc.</p>

post office, banks with atm etc. 16. Leave encashment at the time of retirement. 17. Personal loan to the staff members. 18. Tuition fee concession for 2 dependent children studying in MM Institutions. 19. Accommodation on campus at economical rates. 20. Incentive of rs.5000 on birth of girl child in MM Medical College Hospital, Mullana.. 21. Group mobile (CUG) scheme on special discounted nominal charges under COCP scheme and same facility under COIP scheme. 22. An international school for the children of the faculty and staff. 23 reimbursement of fee for membership of professional organizations. 24. Academic leave/study leave and other leave as per ugc norms. financial assistance to the teachers for attending the National/International Conferences/Seminars.

dependent children studying in MM institutions. 19. The staff,accommodation on campus at economical rates. 20. Incentive of rs.5000 on birth of girl child in MM Medical College Hospital, Mullana.. 21. Group mobile (CUG) scheme on special discounted nominal charges under COCP scheme and same facility under COIP scheme. 22. An international school for the children of the faculty and staff.

#### 6.4 – Financial Management and Resource Mobilization

##### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Maharishi Markandeshwar (Deemed to be University) has a mechanism for internal and external audit. Accounts department has it's own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of this Deemed to be University each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise an external audit is also carried out by competent Chartered Accountant and account details are verified and certified. The institutional accounts are audited regularly by both Internal and statutory audits. Minor errors or omissions and commissions (if any) when pointed out by the audit team are immediately rectified and precautionary steps are taken to avoid recurrence of such errors in future.

##### 6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Rolex Scientific Engineering Ambala, IHPA, M.M University, Mr Lakhwinder Singh, CEO HANGRIES, National Human Rights Commission, New Delhi, Oriental Bank of Commerce, Competition Success Review, iNurture, GLENMARK	280928	Conferences Sponsorship ,Workshop, Entrepreneur Awareness Camp, Pharmacy Week, Sponsor for International Conference, Conduct of One Day Human Rights Training Programme, International Conference on Recent Trends in Computer Applications and Information Technology (RTCAIT'2019), Continued medical education.
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6.4.3 – Total corpus fund generated

50000000
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**6.5 – Internal Quality Assurance System**

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Dr. Dharmender Kumar, Dean Professor, CSE, GJUST Hissar, Dr. B.S.Pabla, Professor (ME) NITTR Chandigarh	Yes	IQAC
Administrative	Yes	Dr. Dharmender Kumar, Dean Professor, CSE, GJUST Hissar, Dr. B.S.Pabla, Professor (ME) NITTR Chandigarh	Yes	IQAC

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

College has been given the autonomy to prepare their own Academic Calendar in consultation with Dean Academics Affairs which incorporates the activities (i.e. Teaching learning activities, sports cultural activities, library, group projects health days celebration etc.) that are planned to be excuted in the academic session. Department has been given flexibility to propose an update in curriculum as per the feedback of stakeholders. The Institution/College/department have full autonomy to organise Workshops, FDPs, Expert talks, Industrial visits as and when required. The

Directors/Principals/Heads of the institute has complete autonomy to send any faculty member for attending seminars/workshop/ conferences etc on their discretion.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

Parent Teacher meeting is conducted every six month and the academic and co-curricular growth of the student is discussed. Feedback of the parents is also been taken about Different aspects of the University. There is a formal procedure of obtaining parent feedback so as to involve them in decision making processes which impact the academic experience of the students.

6.5.4 – Development programmes for support staff (at least three)

One day workshop on hands on practice and validation of HPLC was organized for technical staff of MM College of Pharmacy. One Day Training Programme Hands on Exposure for use of Fire Extinguisher and work safety in the Laboratory. Auto CAD Training for Technical staff of Civil Engineering Department was conducted. Total Station and Auto Level Training for Technical staff of Civil Engineering Department was conducted. One Day Workshop on Open Office was conducted for non teaching (Clerical and technical) staff at MCA Institute.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Applied for NBA Accreditation and awarded accredited status (for 3 years valid from 2018-2021) and applied for NIRF ranking and achieved 41 rank (MM College of Pharmacy) while MM(DU) secured position in 150/200 rank band of NIRF. 2. Overseas student exchange programme was initiated with Norway at MMCN, MM(DU). 3. Consultancy project was initiated with Bodhi Health Education. Jhpiego project was initiated to strengthen pre-service nursing midwifery education. 4. Introduction of new programmes in Law, Hotel Management, Medical Sciences streams at MM(DU). 5. International Internship undertook by the students of law department of MM(DU). 6. Various competition including National Moot Court Competition, National Client Counselling Competition, National Judgment writing Competition, National Paper Presentation Competition, National and International Conference were organized by the Law Department, MM(DU). 7. CBCS/Elective course system is implemented in curriculum of majority of programs offered by MM(DU). 8. Faculty members of MM(DU) are encouraged to use ICT based modes including PPTs., NPTEL, development of e-content better delivery of lectures. 9. Research Promotion Scheme (Revised) implemented to Motivate faculty and students to produce quality research work. The policy has provisions to provide seed money, incentives for IPR and consultancy. 10. Plagiarism Policy was introduced in order to curb the menace of plagiarism that was considered as national issue by UGC and other national agencies. 11. Application submitted to NABH to get accreditation of hospital attached with MMIMSR in MM(DU) campus. The hospital got NABH accreditation (Sept. 2019).

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Research Promotion	21/11/2018	21/11/2018	30/06/2019	2490

	Policy framed and implemented as Quality Research Output initiative				
2018	IQAC Meeting	07/05/2019	07/05/2019	07/05/2019	22
2019	Clinical Quality Development Program on "Hands on Training for Antimicrobial Stewardship/How to Start Antimicrobial Stewardship in a Hospital" organized by IQAC, Antimicrobial Stewardship Committee, ISRPT, ISPOR STUDENT CHAPTER MM(DU)	18/05/2019	18/05/2019	18/05/2019	94
2019	Quality Research in Higher Education Institutions: Initiatives and Promotion	01/06/2019	01/06/2019	01/06/2019	30
2019	Clinical Quality Development Program on "Good Clinical Practices" organized by IQAC, MM(DU)	03/06/2019	03/06/2019	03/06/2019	62
2019	Interactive Seminar for Research Quality Promotion on Funding Oppo	15/06/2019	15/06/2019	15/06/2019	20

	rtunitionoes from SERB, DST				
2019	Participat ion in NIRF	20/11/2018	20/11/2018	20/11/2018	9113
2019	Five days Programme "I nternational Faculty Development Programme on Innovations in Classroom	24/06/2019	28/06/2019	28/06/2019	24
2019	Academic Audit of all 11 constituent institute/Co lleges/Depar tment of MM(Deemed to be University) was conducted and feedback of audit report is conveyed to respective institute heads for further improvement as felt necessary.	01/09/2018	30/04/2019	30/04/2019	734
2018	IQAC Meeting	12/07/2018	12/07/2018	12/07/2018	30

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
National Women Conclave	25/01/2019	25/01/2019	1150	35
Second Nationwide Competition on legal rights of	19/12/2018	19/12/2018	116	55



women sponsored by National Commission for Women				
Gender Sensitization Programm for B.Sc. Nursing 3rd Year Students	23/07/2018	25/07/2018	53	19
Gender Sensitization Programm for Post Basic B.Sc. Nursing 2nd Year Students	18/08/2018	18/08/2018	28	2
Gender Sensitization Programm for B.Sc. Nursing 2nd Year Students	16/08/2018	16/08/2018	26	17
Gender Sensitization Programm for B.Sc. Nursing 1st Year Students	16/08/2018	16/08/2018	59	41
Orientation sessions regarding gender sensitization and sexual harassment were held at seminar hall M.M. College of Nursing, Mullana	02/08/2018	02/08/2018	59	41
"Women Violence " Jab Hai Naari Mein Shakti Saari, Toh Nari Ko Kyo Kahein Bichari" Organized by Mental Health Nursingin General OPD of MMIMS&R Mullana byMsc. Nursing 1st yea"	13/12/2018	13/12/2018	25	10
Women's day	08/03/2019	08/03/2019	21	Null

was celebrated by organizing Panel discussion on 8th March,2019 by M.sc Nursing 1st year (Obstetrics and Gynaecological Nursing ) on "Balance for Better"				
Awareness regarding breast cancer	10/11/2018	10/11/2018	21	Nil
Female Foeticide	16/02/2019	16/02/2019	30	Nil
Gender Sensitization	19/04/2019	19/04/2019	33	Nil
From Fear to Power	03/08/2019	03/08/2019	102	Nil
Women's day celebration	03/08/2019	03/08/2019	103	Nil
Workshop on Women Empowerment	21/02/2018	21/02/2018	29	56
Workshop on Laws Pertaining to Women and Children	21/02/2019	21/02/2019	70	50
Sensitization Programme on Sexual Harassment at Work Place	08/07/2018	08/07/2018	23	22
Legal Awareness Programme on PCPNDT ACT, Medical Negligence etc.	09/11/2018	09/11/2018	20	20
One Day Training Programme on Human Rights	20/11/2018	20/11/2018	57	50
Debate competition was organized by M.sc Nursing 1st year (Obstetrics and	03/11/2019	03/11/2019	58	Nil

Gynaecological Nursing ) on "Gender Equality Today- Myth or Reality

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

MM (Deemed to be University) has initiated all possible measures keeping in view environment consciousness and sustainability. MM(DU) installed Solar power systems which are capable of generating 3.94 Mega Watt electricity which meets 100 power requirements. Use of Water Recycling System, Use of Bicycles in the Campus, Major Communication through Email and less use of paper, Tree Plantation, prohibiting of fuel operated vehicles in campus and promotion of use of battery operated vehicles are some of other initiatives taken by MM (DU) to practice environment consciousness and sustainability. In addition to this, MM(DU) promotes paper less practice where official documents are shared through e-mails. Where necessary, the official or any other relevant information is shared through whatsapp group messages. The students and staff are instructed not to use plastic bags. Various awareness programs are conducted at the University to sensitize them towards environment like Swachh Bharat Pakhwada, Quiz, Poster Making, and Best out of waste material competition, Cleanliness campaign etc. Study of environment sciences in all UG programs offered by the university is made compulsory to make student aware about environment consciousness and sustainability.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	1
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	26/05/2019	1	Dental Checkup	Awariness	4

					Camp	Prevention of Diseases	
2019	1	1	27/06/2019	1	Dental Checkup Camp	Awareness Prevention of Diseases	10
2019	1	1	28/06/2019	1	Dental Checkup Camp	Awareness Prevention of Diseases	11
2019	1	1	30/06/2019	1	Dental Checkup Camp	Awareness Prevention of Diseases	5
2018	1	1	21/09/2018	1	World Alzheimer Day	Awareness Prevention of Diseases	34
2018	1	1	06/10/2018	1	Anemia in pregnancy	Awareness Prevention of Diseases	110
2018	1	1	26/10/2018	1	Breast feeding	Awareness Prevention of Diseases	105
2019	1	1	30/11/2018	1	Newborn care	Awareness Prevention of Diseases	110
2019	1	1	09/02/2019	1	Birth preparedness	Awareness Prevention of Diseases	55
2019	1	1	02/03/2019	1	Warning signs of pregnancy	Awareness Prevention of Diseases	72
2019	1	1	13/05/2019	1	Stunted Growth among 5 year children	Awareness Prevention of Diseases	35

2019	1	1	23/04/2019	1	Good Touch and Bad Touch	Gender Sensitization	31
2019	1	1	12/04/2019	1	Hypertension	Awareness Prevention of Diseases	31
2019	1	1	09/04/2019	1	Quality of Life	Awareness Prevention of Diseases	61
2019	1	1	29/03/2019	1	Tuberculosis	Awareness Prevention of Diseases	30
2019	1	1	28/03/2019	1	Hand Hygiene and Oral Hygiene	Awareness Prevention of Diseases	31
2019	1	1	23/03/2019	1	Obesity	Awareness Prevention of Diseases	51
2019	1	1	21/02/2019	1	Prevention of Cardiovascular Disease	Awareness Prevention of Diseases	30
2019	1	1	13/02/2019	1	Ill effects of Drug Abuse	Awareness Prevention of Diseases	29
2019	1	1	04/02/2019	1	Menstrual Hygiene	Awareness Prevention of Diseases	8
2018	1	1	07/12/2018	1	HIV/AIDS	Awareness Prevention of Diseases	33
2019	1	1	23/03/2019	1	Adoption	Awareness Prevention of Diseases	90

2018	1	1	01/12/2018	1	World's AIDS Day	Awareness Prevention of Diseases	10
2018	1	1	16/11/2018	1	Prevention of Diabetes Mellitus	Awareness Prevention of Diseases	40
2018	1	1	15/10/2018	1	Awareness on Breast Cancer	Awareness Prevention of Diseases	40
2018	1	1	24/08/2018	1	Food and Water Supply	Awareness Prevention of Diseases	39
2019	1	1	23/03/2019	1	Group project on Oral Hygiene: Say Ahh! Act on Mouth Health	Awareness Prevention of Diseases	10
2019	1	1	07/02/2019	1	Group project on Save Girl Child: Empowering Girls for a Brighter Tomorrow	Awareness Prevention of Diseases	13
2018	1	1	26/10/2018	1	Group Project on Polio: End Polio Now	Awareness Prevention of Diseases	18
2018	1	1	20/09/2018	1	Group Project on: Food Safety Awareness	Awareness Prevention of Diseases	38
2019	1	1	28/03/2019	1	Group Project on: Family Centered Care	Awareness Prevention of Diseases	52

2019	1	1	27/04/2019	1	immunization week celebration	immunization	42
2019	1	1	04/08/2019	1	World health Day	environmental pollution	43
2018	1	1	21/11/2018	1	chota pariwar sukhi adhar	population control	42
2018	1	1	26/12/2018	1	srukhsit baccha jakruk smaj	sex education	42
2019	1	1	09/06/2019	1	legal Aid Camp	Issues relating to right to education and good governance	41
2019	1	1	02/06/2019	1	legal Aid Camp	General issues relating to Legal Aid and Social welfare Schemes	39
2019	1	1	11/03/2019	1	legal Aid Camp	To enquire and sensitize about legal problems and other social issues regarding Sanitatio nal and E nvironmen tal, Educ ation, Casteism, Excessive use of pe sticides, Health and Hygeine,	33

						Gender Equity, Drugs Abuse, Un organized labour, Domestic Violence	
2018	1	1	12/07/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	14
2018	1	1	17/07/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	12
2018	1	1	29/07/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	6
2019	1	1	26/07/2 019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	6
2018	1	1	29/08/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	13
2018	1	1	30/08/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	14
2018	1	1	04/09/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	14
2018	1	1	20/09/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	15
2018	1	1	22/09/2 018	1	Dental Checkup Camp	Awarness Preventio n of Diseases	19



2018	1	1	23/09/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	5
2018	1	1	25/09/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	13
2018	1	1	24/09/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	11
2018	1	1	30/09/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	4
2018	1	1	01/10/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	13
2018	1	1	04/10/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	9
2018	1	1	07/10/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	10
2018	1	1	09/10/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	12
2018	1	1	12/10/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	8
2018	1	1	15/10/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	12
2018	1	1	28/10/2018	1	Dental Checkup Camp	Awarness Preventio	6

						n of Diseases	
2018	1	1	25/11/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	5
2018	1	1	30/12/2018	1	Dental Checkup Camp	Awarness Prevention of Diseases	6
2019	1	1	24/01/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	8
2019	1	1	25/01/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	10
2019	1	1	27/01/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	4
2019	1	1	16/02/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	9
2019	1	1	24/02/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	6
2019	1	1	18/02/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	10
2019	1	1	27/02/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	9
2019	1	1	28/02/2019	1	Dental Checkup Camp	Awarness Prevention of Diseases	9
2019	1	1	14/03/20	1	Dental		97

			019		Checkup Camp	Awarness Preventio n of Diseases	
2019	1	1	15/03/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	5
2019	1	1	15/03/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	10
2019	1	1	16/03/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	5
2019	1	1	27/03/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	99
2019	1	1	31/03/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	5
2019	1	1	26/04/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	7
2019	1	1	07/05/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	13
2019	1	1	08/05/2019	1	Dental Checkup Camp	Awarness Preventio n of Diseases	14
2018	1	1	04/08/2018	1	Health Checkup Camp	Medical Camp for Preventio n of Diseases( PATIENTS 150 )	8
2018	1	1	04/08/2018	1	Health Checkup Camp	Medical Camp for Preventio	10

						n of Diseases( PATIENTS 95 )	
2018	1	1	29/07/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS 150 )	10
2018	1	1	26/08/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS 114 )	8
2018	1	1	29/08/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS 105)	7
2018	1	1	21/09/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS 159 )	8
2018	1	1	30/09/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS 234 )	15
2018	1	1	26/10/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS 123 )	10
2018	1	1	28/10/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases( PATIENTS174 )	12
2018	1	1	25/11/2018	1	Health Checkup	Medical Camp for	12

					Camp	Prevention of Diseases ( PATIENTS 71 )	
2018	1	1	14/11/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 203 )	15
2018	1	1	28/11/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 180 )	14
2018	1	1	23/12/2018	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 150 )	11
2019	1	1	31/01/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 75 )	8
2019	1	1	18/02/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 148 )	10
2019	1	1	23/02/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 90 )	10
2019	1	1	24/02/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases ( PATIENTS 155 )	12

2019	1	1	16/03/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases (PATIENTS 25)	4
2019	1	1	31/03/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases (PATIENTS 180 )	10
2019	1	1	28/04/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases (PATIENTS 120 )	10
2019	1	1	26/05/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases (PATIENTS 171 )	12
2019	1	1	30/06/2019	1	Health Checkup Camp	Medical Camp for Prevention of Diseases (PATIENTS 177 )	15
2018	1	1	05/09/2018	16	Kerala flood relief campaign	to help flood victims in Kerala	10
2018	1	1	25/09/2018	1	Awareness and Prevention of Dengue and Chick enginiya	Awarness Prevention of Diseases	30
2018	1	1	15/02/2019	1	depression	Awarness Prevention of Diseases	34
2018	1	1	10/10/2018	1	Misconception related	Awarness Preventio	34

					to Mental illness	n of Diseases	
2019	1	1	11/12/2018	1	Break the silence stop the violence	Awareness Prevention of Diseases	11
2019	1	1	25/03/2019	1	Role of family in relapse prevention	Awareness Prevention of Diseases	11
2019	1	1	24/04/2019	1	Management of childhood disorders	Awareness Prevention of Diseases	115
2019	1	1	29/04/2019	1	substance abuse	Awareness Prevention of Diseases	115
2019	1	1	09/02/2019	1	Breast Cancer	Awareness Prevention of Diseases	13
2018	1	1	08/02/2019	1	Awareness Of Cancer	Awareness Prevention of Diseases	34
2018	1	1	05/11/2018	1	World Epilepsy Day	Awareness Prevention of Diseases	7
2018	1	1	02/11/2018	1	Prevention And Management of Lung Cancer	Awareness Prevention of Diseases	34
2018	1	1	23/10/2018	1	World osteoporosis Day	Awareness Prevention of Diseases	13
2018	1	1	29/09/2018	1	World Heart Day	Awareness Prevention of Diseases	7

[View File](#)

## 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct 2018/2019	01/02/2018	Code of Conduct handbook is prepared and circulated for year 2018/2019. The Code of Conduct was published in Admission Prospectus and put on website of MM(DU) on 1 Feb 2018. The Code of Conduct and General Instructions for the students are given in the form of admission prospectus of MM(DU). At the time of admission and enrollment, an orientation programme was organized on 27 July 2018. During orientation programme conducted at all constituent Institutes/Colleges/Departments, the students were sensitized for adherence to general code of conduct during their stay at University Campus or at Hostels. General Code of Conduct for faculty and staff of MM(DU) is being regularly practiced through general instructions and staff meetings.

## 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Self Defence Workshop	28/01/2019	28/01/2019	102
Womens day celebration (Theme: Balance for better)	08/03/2019	08/03/2019	180
Induction Training Program	23/07/2018	27/07/2018	150
No Tobacco Day	31/05/2019	31/05/2019	136
International Mother Language Day	21/02/2019	21/02/2019	33
Vigilance Awareness Week	29/10/2018	03/11/2018	52
Run for Unity	31/10/2018	31/10/2018	206
EcoFriendly Diwali Celebration	23/10/2018	23/10/2018	180



Declamation on Human Values in the Age of Materialism	16/08/2018	16/08/2018	20
Orientation Programme for Students about Universal Values and Ethics	27/07/2018	28/07/2018	1850
<a href="#">View File</a>			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Use of Solar Power, Water Recycling System, Use of Bicycles in the Campus, Major Communication through Email and less use of paper, Tree Plantation, prohibiting of fuel operated vehicles in campus and promotion of use of battery operated vehicles are some of the initiatives taken by MM (Deemed to be University) to make the campus eco-friendly.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**BEST PRACTICES AT MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY), MULLANA, AMBALA**

**1. Title of Best Practice: Mentoring System**

**2 Objectives of the Practice**

?The goal of the mentoring system is to establish a trusting relationship with accountability and responsibility between the mentor and mentee. ?Provides counselling and guidance to the mentees regarding their career related queries and their personal problems and to overcome their grievances. ?Appraise the mentees about the procedure, schemes, facilities scholarship/freeship available. ?Motivate the mentees to take part in extra co-curricular activities.

**3. The Context** Mentoring is an increasingly popular way of providing guidance and support to young people in need. Mentoring System in education is a personal developmental relationship in which an experienced or knowledgeable teacher (Mentor) counsel and guide the Students (Mentees) for their overall development. The counselling sessions establishes the mentor as a coach who provides advice to enhance the mentees professional performance and development.

**4. The Practice** our mentoring program provides an opportunity to mentees to share their problems and also put their suggestions and to mentors to help the future professionals with proper guidance. Mentor counsels the mentees one to one and assist them with career exploration, project critiques, and skill building, based on mentees' needs and interests. The program begins each semester with a mentor-mentees allocation and counselling sessions which provides an opportunity to the students and mentor to meet and interact for the first time. During the semester, mentees share their academic as well as personal problems with their respective mentor from time-to-time. In mentoring program, each mentor also arranges counselling session for the corresponding mentees at least once in 15 days. Mentor also communicates with the parents/Guardians regarding the progress telephonically to make aware them about the performance of their wards once in a month. Mentor also despatched the progress reports to the parents of each mentee regarding one's attendance record and marks of sessional examination.

**5.Evidence of Success**

? i)Enhances confidence and offers challenge to set higher goals. ? ii)Individual recognition and encouragement. ? iii)Access to a support system during critical stages of academic and career development. iv)Exposure to diverse perspectives and experiences.

**6 Problems Encountered and Resources Required.** Whenever the mentor dispatched the progress report of their respective mentees, in case of remote areas, the correspondence with parents/guardians becomes difficult.

**1. Title of Best Practice: Providing Affordable Quality Health Care and Community and Social Outreach Services**

**2. Objectives of the Practice:**

i)?To provide best

possible quality healthcare at affordable cost ii) To provide best community health services ? iii) To provide education and awareness on health issues to deprived poor local community.? iv) To provide education and awareness on socially relevant issues ? v) To provide legal aid services

**3 The Context:** Maharishi Markandeshwar (Deemed to be University), Mullana is situated in remote rural location. The rural poor population in nearby area (20 km periphery) is dependent primarily on Government primary health care service centers. MM (DU) has a 940 bed hospital associated with Medical College (MMIMSR), a Dental College with dental hospital equipped with state of the art facilities, Two nursing colleges, one Pharmacy College and one physiotherapy college. The MM(DU) along with it's hospitals are serving the local population to meet the objectives mentioned above.

**4. The Practice:** The students, faculty of different constituent institutes/colleges of MM(DU) regularly participate in various community and social outreach activities like free medical camps, Free dental check up camps, health awareness camps, awareness about gender sensitization, gender equity, cleanliness, legal aid camps etc. The above practices are useful for local community on the one hand while on the other providing opportunity to students and faculty to connect with local population. It helps the student to understand the ground realities of healthcare and social status of community.

**5. Evidence of Success:** MM (DU) is adopting the methodologies for development of facilities and meeting needs of local social periphery. The university is located in rural location. 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 serve local health care needs. Providing healthcare services at nominal cost is the biggest strength of the University. Along with this through curricular, extracurricular and outreach activities (Rural posting of interns, organizing health camps for rural population, establishing PHCs in nearby villages like Mullana, Barara, organizing blood donation camps, social surveys, field projects, NSS activities etc) university is playing a major role in development socio-economical status of nearby villages (Mullana, Budhia, Sohana, Dosarka, Barara). A large number of local population was benefited by services offered by MM(DU).

**4.Problems Encountered and Resources Required:** During efforts made by students and faculty to uplift the healthcare status of local community, it was observed that economic condition of poor villagers is not allowing to get optimal advantages of services offered by the MM(DU). Establishment of communication in local languages sometimes become a barrier in offering quality health care services. Resource limitation is observed to get broader coverage of community to provide benefits of services provided by the MM(DU).

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.mmumullana.org/download/IOAC/agar-2018-19/7.2.1-best-practices-at-mmdu.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

MM (Deemed to be University) has 11 constituent institutes/college/departments with distinctiveness in different fields (Medical Science, Dental Sciences, Nursing, Pharmacy, Physiotherapy, Engineering and technology, Computer Science Application, Management, Law and Hotel Management and Catering Technology). MM (DU) got accreditation by NAAC on 16th November 2015 (with CGPA 3.06 Grade A) and in year 2020 shall undergo the Assessment and Accreditation by NAAC in 2nd cycle as Health Science (Deemed to be University). Many of programs offered by the MM(DU) are having provisions (offering specific courses, internships, field projects, industry visits, social and outreach activities etc. ) to promote

link of the students with the society/industry so that students get engaged in socially productive activities during their period of study in the institutions. Through curricular and extracurricular activities, MM(DU) is successful to train the students in essential professional and soft skills such as team work, communication skills, leadership skills, time management skills etc inculcate human values and professional ethics, and the spirit of innovation/entrepreneurship and critical thinking among the students and promote avenues for display of these talents. Following are certain distinct areas/domains/activities in which this Deemed to be University excelled. 1.At the beginning of the academic session every constituent institute of MM (DU) organizes an induction program for newly admitted students. The objective of the program is to make new students conversant with the system and environment of the MM(DU) that is helpful in making their stay pleasant, comfortable for fruitful learning. 2.The MM(DU) is having state of the art infrastructure that includes Smart Classrooms, ICT enabled classrooms with WiFi and LAN internet connections, simulation laboratories, seminar halls, language labs, library etc that enable teachers to use ICT enabled tools for better teaching process. MM (DU) is adopting the methodologies for development of facilities and meeting the needs of local social periphery. TheMM(DU) is located in rural location. 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 serve local health care needs. Providing healthcare services at nominal cost is the biggest strength of the Deemed to be University. In addition through curricular, extracurricular and outreach activities (Rural posting of interns, organizing health camps for rural population, establishing PHCs in nearby villages like Mullana, Barara, organizing blood donation camps, social surveys, field projects, NSS activities etc) MM(DU) is playing a major role in development socio-economical status of nearby villages (Mullana, Budhia, Sohana, Dosarka, Barara) 3.This Deemed to be University has is continuously been putting serious efforts to promote quality research culture and output. Formation of a dedicated research promotion group, implementation of Research Promotion Policy that has inbuilt providing for the grant of financial incentive to faculty and researchers for quality research work, purchase of sophisticated research equipments, establishment of central research laboratory with state of the art research facility, motivating the faculty to participate and present research papers in national and international seminars/conferences, Incentives for achieving awards or recognition by faculty, provision

Provide the weblink of the institution

<https://www.mmumullana.org/download/IOAC/agar-2018-19/7.3.1-institutional-distinctiveness.pdf>

## 8.Future Plans of Actions for Next Academic Year

FUTURE PLANS OF ACTION FOR NEXT ACADEMIC YEAR (2019-20) Proposed future action plan of Maharishi Markandeshwar (Deemed to be University) for Academic Year 2019-20 is as follows: 1.To motivate the faculty for the collaborative research with other departments and universities. 2.To prepare and submit the research proposals for finding through Haryana DSY, UGC, AICTE etc. 3.To motivate the students for their active participation the research under the supervision of faculty. 4.To promote overall development of students by organizing various curricular and co curricular activities such as quiz, debate, sports etc. 5.Seeking better placements for students by conducting more placement drive 6.To motivate faculty members and researchers to publish more number of books 7.To conduct more number of development programs for supporting staff 8.To motivate faculty members to utilize the e-content development facility and develop more number of e-contents. 9.To Introduce Masters in Law (LL.M. One Year) 10.To conduct more number of programs on Universal Values 11.To establish business incubation centre under Business Incubator Centre Scheme of MSME, Karnal, Haryana

12.To organize more number of extension and outreach activities in collaboration with Industry, Community and NGOs 13.To explore the linkages with Institute of National/ International Importance other Universities for Faculty/ Student Exchange programme research collaboration and with Industry for Internship/ On-the-Job Training/ Project Work/ Placement/ Industrial Visits etc. 14.To build-up and catalogue WSI Histopathology slides for the undergraduate training. 15.To Set Up Separate MDR Ward In Hospital Under Respiratory Medicine 16.Set Up Allergy Testing Clinic With Phaditop Machine 17.To Set Up a Pediatrics Excellence Centre In Hospital 18.To start Anti-Retroviral Therapy (ART) centre in teaching hospital 19.To establish Skill Simulation Lab in MMIMSR for training and skill development