SELF STUDY REPORT

FOR

1ˢᵗ CYCLE OF ACCREDITATION

MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES AND TECHNOLOGY, JAIPUR

RIICO INSTITUTIONAL AREA SITAPURA, TONK ROAD, JAIPUR-302022
RAJASTHAN
302022
www.mgumst.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

March 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Mahatma Gandhi University of Medical Sciences and Technology, Jaipur, the first Private Medical University in Rajasthan was established in 2011 by State Assembly vide Act No. 22 of 2011 and approved by the UGC. India Education Trust founded in 1999 by renowned Gynaecologist and IVF Specialist Dr. M.L. Swarankar is the Sponsoring Body of the University.

MGUMST aims to:

- To establish an Institute to provide training to create knowledgeable and skilled healthcare manpower. Continuously address the healthcare needs of the society and improve the well-being of the people by providing primary as well as advanced health care.
- Establish hospitals including tertiary referral centers, specialty and super-specialty clinics, maternity homes and RCH centers.
- Establish educational and research Institutions for Medical and other Allied Health Professionals.
- Promote activities of other educational Institutions which are catering and improving public health at large.

The constituent Institutions are as follows:

1. Mahatma Gandhi Medical College & Hospital

2. Mahatma Gandhi Dental College & Hospital

3. Mahatma Gandhi Nursing College

4. Mahatma Gandhi Physiotherapy College

5. Mahatma Gandhi Occupational Therapy College

6. Mahatma Gandhi College of Hospital Administration

7. Mahatma Gandhi Institute of Health Informatics

8. Mahatma Gandhi Institute of Allied Health Sciences

SALIENT FEATURES:

- Mahatma Gandhi Hospital is one of the most preferred hospital in the State having renowned and well experienced faculty.
- It has a State-of-Art infrastructure with students coming from different parts of the country, and even overseas.
- It is a pioneer institute in the field of organ transplant in the State of Rajasthan.
- It has the first and biggest centre of telemedicine in Rajasthan working as the State Nodal Centre.

- First ICMR recognized RT-PCR lab and biggest Covid-19 dedicated private hospital in the State of Rajasthan which got recognition for its work from the Hon'ble Chief Minister of Rajasthan.
- The Reproductive Medicine and IVF unit of the Institute is the pioneer in the field of Advanced Reproductive Technology and IVF in the country.
- The Board of Management has Eminent members, both from medical as well non-medical background, with vast professional experience.

Accreditation:

- Hospital & Blood Centre: NABH
- NABL Laboratories
- ISO 9001:2015 Certification

Vision

- To develop MGUMST as an Institution of Excellence, at par with Global standards, in the field of healthcare and allied sciences.
- To amalgamate our colleges, departments, students and alumni to impart world class research and education, aimed at making a positive difference in the healthcare at the national and global level.
- To achieve overall development of learners, including character and moral values, by imbibing a culture of inquisitiveness, inclusion, collaboration and innovation.
- To ensure equality amongst diversity in all respects, reflecting the true Gandhian principles, so that everyone gets a fair opportunity and the best of minds and talent may be recognised and allowed to flourish in the ever-changing competitive environment.

Mission

- To develop dynamic, self-dependent and world class Healthcare Institution dedicated in providing the best medical education and clinical treatment.
- To develop the best healthcare practices in the community, with a spectrum ranging from preventive health measures to excellence in tertiary care, with an aim to establish a healthy, disease-free society.
- To enrol students, staff and faculty in various clinical and non-clinical programs based on the principle of merit and impartiality, and without any discrimination of race, sex, non-disqualifying disability, caste, religion, and national or ethnic origin.
- To utilise the latest technology, as well as, to identify the best possible use of upcoming technology such as Artificial Intelligence to predict, prevent and treat various ailments and illnesses before they affect an individual or the community.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- NMC recognised UG, PG and Super speciality programmes in almost all clinical and para-clinical disciplines.
- UG & PG programmes in Dentistry, Nursing and allied health sciences recognised by their respective Statutory Bodies.
- Extensive physical and technical Infrastructure spread around 37 acres land area and around 2 laks square meter building space.
- 24-year-old multispecialty Hospital enjoying an excellent reputation as a tertiary care centre in the State. Spectrum of tertiary care services include Oncology Centre, Organ Transplant Centre, Centre for Neurosciences, Centre of Cardiac Sciences, IVF & ART centres etc. to name a few.
- Quality Initiatives – NABH accredited Hospital and Blood Centre, NABL, NABH Standards for Nursing Excellance and ISO Certified. Page 3/167 01-08-2023 03:34:13
- Awards and accolades in Clinical Services and Quality at the State and National Level.
- Well qualified faculty of high National and International repute from premier national Institutions like AIIMS, SGPGI etc.
- Student diversity (from different states) and gender equality.
- High faculty retention rate.
- Skill labs with ACLS, ATLS, BLS and PALS training program along with value added courses.
- Supportive management with high level experience of working in the field of medicine & medical technology, engineering and financial management.
- More than 3000 medical camps and medical check-up programs covering more than 30 lacs patients since the inception of the institute.
- The first Institution receiving certificate and award from Jaipur Municipal Corporation for 'Swaccha Parisar' in the Swaccha Bharat Mission by Hon'ble Prime Minister of India.

Institutional Weakness

- Contribution by alumni to the MGUMST Alumni Association needs to be enhanced and more patents and technology transfer to be initiated by the University.

Institutional Opportunity

- An excellent amalgamation of highly qualified and skilled manpower already on board along with latest technology and expansive physical infrastructure, the teaching hospital of the University is poised for a big leap and growth, and to become one of the best centres in the field of Medical Treatment and Medical Education.
- With excellent medical and clinical services offered by the Institute to the community during the ongoing COVID-19 pandemic, the Institute has now become a household name in the State and thus can leverage this opportunity to enhance the scale and scope of clinical services offered. More potential students and staff members are willing to associate with the Institute.
- To become Nation's premier centre in the field of Reproductive Medicine, Genetic Linked Diseases and IVF Technology in terms of Teaching, Training, Research and Treatment.
- Opportunities for increasing National and International collaborations.
- Scope for strengthening Alumni Association and Alumni Network. Encouraging faculty to take up PhD programs.
- Initiation of more value added courses.
- To enhance the already existing medical services in the field of Trauma, Brain & Spine Injuries

management and rehabilitation in to a centre of National Eminence.

Institutional Challenge

- To be able to receive Government grants for various research works being a Private University.
- To have an effective International faculty exchange program and International student exchange program.
- To overcome the challenges posed by a dynamic regulatory framework that changes from time to time. Motivating regulatory bodies for adopting Choice Based Credit System.
- To attract Postgraduate students in Pre-clinical and Para-clinical branches of medicine.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

MGMUST follows three tier system for curricular aspects initiated by the Board of Studies, faculties followed by Academic Council and further concurrence from Board of Management.

The University offers 131 programs with 925 courses in Medical, Nursing, Physiotherapy, Occupational therapy, Dental, Health Administration, Health Informatics. It also offers 51 value added courses.

The salient features in curricular aspects are as follows:

- Guidelines of regulatory bodies NMC/INC/DCI/RCI/UGC are observed comprehensively.
- Program outcomes and Course outcomes of all the programs are clearly communicated to the learners through different platforms.
- Elective options are available in undergraduate and postgraduate programs.
- Systematic planning of the co-curricular, extracurricular, research, extension and outreach activities.
- Participation of faculties in the workshops related to curriculum and other faculty development programmes.
- National and local needs are always considered for initiation of programs like Accident & Emergency Medicine, Yoga Therapy, Clinical Psychology, Sports Medicine, Nephrology, MOT, MPT, Molecular Biology, Human Genetics, Clinical Dietetics, MSc Nursing in four streams and Certificate courses and Fellowship Programmes.
- Competency Based Medical Education (CBME) curriculum is followed in Undergraduate and Postgraduate Medical programs.
- The University has Innovation cell and Intellectual Property Rights Cell.
- Curriculum is further enriched by incorporating field work, research projects, community settings and industry interfaces.
- Various constituent Institutes through its curricula sensitizes students towards different issues related to Gender, Environment, Human values, Health Determinants, Right to Health issues, Society, Human population, Demographic changes and Professional Ethics.
- Research Methodology course work is mandatory for all postgraduate students and are advised to undertake dissertation project in relation with thrust areas.
- They have to publish their work in indexed Journal before appearing for final university examination.
- Institutional Innovation Cell inculcates research attitude and innovative ideas among the student

learners.

- Feedback on curriculum is taken from stakeholders and action is taken accordingly.

Teaching-learning and Evaluation

The salient features of the University in teaching-learning are as follows:

- There are 3164 undergraduate, 783 postgraduate, 121 superspecialty, 93 PhD Scholars and 30 MPhil students enrolled in various programs.
- 80 faculty are having superspecialty degree.
- Percentage of female students in the university is 44% Around 11% students are from other States and Countries.
- Student faculty ratio is 6:1
- Student-centric teaching methods for experiential, collaborative and participative learning include Patient-centric, Integrated – Interdisciplinary learning, Problem Based learning, Case-based learning, Self Directed Learning, Evidence based learning, Field visits, Project based learning and role plays.
- Modern well equipped Clinical Skill Labs to provide hands on training to the students.
- Regular conduction of Basic Life Support, Advanced Cardiac Life Support, Advanced Trauma Life Support, Paediatric Advanced Life Support courses and other value added courses.
- Extensive community based learning with visits to Rural Health Training centre and Urban Health Training centre in addition to classroom and clinical teaching.
- Implementation of remedial measures for slow performers Special interdisciplinary advanced programs and promotion of research for the advance learners.
- Mentor mentoring program with student mentor ratio of 6:1.
- Use of innovative ICT tools by the faculties.
- E-databases, various online programmes, particularly SWAYAM (NMC resource for online schedule) for the biomedical research programme.
- Urkund software for Plagiarism check. Induction and Orientation programmes for the newcomers.
- Attributes imparted to the students are Dynamic Professionalism, Exemplary Leadership, Effective Communication Skills, Scholarly Attitude, Element of Critical thinking, Enthusiasm for Research, Social Commitment and Global Competencies.
- A robust mechanism for the continuous internal assessment of the students.
- The University is having Microsoft NAV ERP (Enterprise Resource Planning) software making a fully automated Examination Management System with online applications, eligibility with regard to attendance by colleges, payment of fees and down loading of admit cards.
- We have Access to the National Digital Library.

The institution has been accredited by NABH for Hospital, NABH for Blood Centre, NABL for clinical Lab and ISO certified: 9001:2015.

Research, Innovations and Extension

MGUMST has a research promotion policy for actively promoting research amongst the teacher & students. The board of research is the prime body which monitors the research parameter of MGUMST. Various cells & committees monitor the individual aspect of research pertaining to there niche areas. Innovation cell is recognized by ministry of education & monitors start ups & innovation of MGUMST. The IPR cells takes case

of patents & copy right through its IPR & consultancy policies, R & D cell is responsible for Intramural grants & IIP cell contributes towards industry, institutes. Partnership. Some of the achievements of our university with respect to research over last few years are as follows: -

- Conduction of more than 1000 workshops in Good Clinical Practices; IPR, Research Methodology benefiting more than 15,000 participants
- Intramural grants to more than 30% of the faculty for promotion of research.

- Research parameters being of strengthened by PhD scholars, JRF, SRF.
- More than 60 govt and non govt projects with grants of nearly 13 crores.
- University faculty has more than 1500 publication. More than 85 book contributions & 68 patents & copyrights in the last five years.

- More than 300 faculty members & students have been awarded prizes and awards for research
- University has central research laboratory, clinical trial center animal house, E- resource Lab, Multiple museums registered ethical Committee & anti plagarism check software to enhance research.
- The IIC` has help to establish more than 12 start-ups since its inception.

University enhances its community outreach by conducting more than 600 social camps. Benefiting around 15,000 students over last 5 year more than 50 awards have been received by university for the outreach activities.

Infrastructure and Learning Resources

The University established in 36.87 acres of land has state of the art infrastructure with following features:

Green campus with built up area of around 2 lakhs sq meters

Adequate Lecture Theaters (LTs), Classrooms, Demonstration Rooms and Seminar Rooms with

lecture capture system. There are 2 auditoriums (RL Swarankar Auditorium, Tagore Auditorium) All the LTs, class rooms are ICT enabled, some are sound proof with rear LCD TV projection.

The university has adequate practical and research laboratories.

The campus has Solar Power Generation System, Rain Water Harvesting System, Bio Gas Plant, Sewage Treatment Plant, RO plant

Sensor based LED lights in all Colleges

There are common rooms for Undergraduate & post graduate students as well as for faculty members.

There are separate hostel for boys & girls. The campus also has a Day Care Center and 4 Canteens.

1450 bedded NABH accredited hospital.

There are 10 hostels in campus.

There are adequate facilities for clinical learning supplemented with Skill Labs with seven simulation rooms.

The Dental hospital has facilities to deliver state of the art and contemporary Dental Care.

In the University, there is a well established Media Lab and yoga department.

There are adequate facilities for Sports, Gymnasium.

ATM, CCTV surveillance, Fire Extinguishers, Security, Transport and parking.

The University has fully automated HIMS software along with Microsoft NAV ERP software.

The Central Library is fully automated having KOHA, Nimbus, DSpace software with adequate number of Text Books, Reference volumes, Ancient books, Manuscripts and Special Reports

The university has more than 1 GBPS lease line with WiFi network in the entire campus.

Achievements of the university:

NABH accredited Mahatma Gandhi Medical College & Hospital.

NABH accredited Blood Centre has the first state of art Transplant Immunology Lab.

The laboratories accredited by NABL.

NABH Standards for Nursing Excellance

Mahatma Gandhi Hospital has been ranked 2nd in Swachh Campus Ranking by Jaipur Nagar Nigam in 2018.

University has the First Private ICMR approved Molecular and RT-PCR Lab for the COVID-19 testing in Rajasthan, which is also NABL accredited.

The Dental Implantology Division of the university is one of the best in the region.

Student Support and Progression

MGUMST provides a conducive, safe, healthy and student friendly teaching-learning environment. It offers various programs/ schemes with an objective of academic as well as personal and professional development of its learners.

In terms of student support and progression, the University has following features:

Student support

- Provision of Free ships and fee waivers for students.
- Various programmes for the development of capability, soft skills and professional competencies of the learners

- The university has a Career Counselling Cell for guidance towards career advancement and competitive examinations.
- The University has an active International Student Cell which encourages student exchange programs, semester abroad programs, student externships and other higher educational opportunities in collaboration with foreign universities.
- Various committees and cells are constituted to deal with the students' grievances related to academic matters, discipline, ragging and gender harassment.

Student progression:

- More than 56% of the passed students were placed in last 5 years.
- Also, every year almost 25% students have progressed to higher education.
- The university also gives preference to its passed-out students for employment.
- Several students of the University have qualified various competitive examinations and pursued higher education.

Student participation:

- The university promotes participation of the students in extracurricular, cultural and sports events.
- Student Councils of associated colleges are actively involved in developing leadership qualities among students, streamlining various students' activities, giving voice to students' expressions, organization of various cultural events and addressing many other issues including social causes like Swachha Bharat Mission, Save Girl Child etc.
- Blood donation camps, tree plantation and other community services programs are regularly conducted with active participation of students.
- University students have represented the institute in various sports and cultural competitions at regional, state and national levels and have received awards in shooting, badminton and cricket leagues.
- Two students have won awards in National Shooting Championships Two students have won awards for national and state level Taekwondo and Discus throw events.
- Two students won beauty contest at state level.

Alumni contribution:

- The university has a registered Alumni Association. Its alumni have always contributed under different capacities and plays a considerable role in building the global repute of this institute.

Governance, Leadership and Management

The Vision and Mission of MGUMST is clearly reflected through all the activities conducted. For effective governance, leadership and management, university has following mechanism:

- Practice of decentralization and participative management.
- All the Statutory Bodies of the university are approved by Act of MGUMST and are as per UGC regulation.
- The Board of Management, the Principal Executive Body controls the functioning of the University and forms policies.
- The Academic Council supervises the academic policies.

- The Faculty and the Board of Studies deals with all the matters referred by the Board of Management or the Academic Council and act accordingly.
- Major decisions like Budget and financial matters are taken by the Board of Accounts.
- New Courses are approved by Academic Council on recommendation of Board of Studies.
- The Board of Research is responsible for maintenance of standards and promotion of research.
- Regular Assessment of Teaching through Performance Appraisal System and Non-Teaching Staff through Confidential Reports.
- Students' feedback analysis is in place.
- Development of three tier system of internal quality assurance at Department, Colleges and University level.
- Regularly conduction of faculty development programmes for teaching and non teaching staff. It also provides financial support to the faculties to attend conferences and other academic activities.

MGUMST has formed different academic committees and cells, such as Anti Ragging Committee, Library Committee, Internal Complaint Committee, Internal Committee/Equal Opportunity Committee, Discipline Committee, Prevention of Caste Based Discrimination Committee, Admission and Career Council Cell and others.

The University has different policies such as Resource Mobilization Policy, IPR Policy, Research Promotion Policy and others.

The university has strategic plan at place which is deployed effectively. The University has established Internal Quality Assurance Cell (IQAC) to enhance and ensure quality culture through institutionalizing and internalizing all the initiatives taken in the University, with internal and external support.

MGUMST has implemented e-governance in several key areas of operation like Planning and Development, Administration, Finance and logistics and Student Admission and Support.

Institutional Values and Best Practices

MGUMST is dedicated for facilitating a conducive environment for all female students and employees and gender equality. Gender sensitization is the part of curricular and co-curricular activities. There are equal opportunities without gender discrimination as reflected in promotional activities. International Women's day is celebrated on large scale. There is excellent safety and security in the campus with adequate number of female security staff. There is provision of day care centre and female common rooms in the campus.

The University strictly follows standard guidelines for management of solid waste, liquid waste, biomedical waste and E-waste and perform audit for improvement. Our institute has Bio-gas plant, Solar panels and LED lights to conserve Energy. All the water conservation policies are adopted by cost effective water harvesting system, bore well and sewage treatment plant unit. Clean Green campus of MGUMST is appreciated by Jaipur Nagar Nigam for Clean Jaipur Award with second prize in 2018. Quality audits on environment and energy are regularly done. MGUMST have disabled friendly barrier free environment.

The university is taking all the efforts for inclusive environment for student & staff like Annual Student Festival, Patriotic initiatives, International Day of Yoga and religious festivals are regularly celebrated.

University organizes cultural programs annually in the memory of Founder Trustee, India Education Trust

(Sponsoring Body of the University) Late Shri Ramji Lal Swarankar for the students and staff based on Indian Ethos, Art & Culture and Epics of India since last 20 years in which Artists of International and National repute are invited to perform like Padma Vibhushan Sangeet Martand Pt. Jasraj Ji, Padma Vibhushan Pt. Hari Prasad Chaurasia and others.

Initiatives for sensitization to fundamental duties, rights and inculcating values are carried out as planned activities. University celebrates most of National and International commemorative days and important festivals.

Though MGUMST has several best practices, the two are mentioned below:

1. Organ Transplantation and Organ Donation

2. Skill enhancement through Life Support and Advance Training programs

MGUMST reflects its distinctiveness in **Social Responsibility through Telemedicine Services, Outreach Medical Camps & Advanced Transfusion Services.**

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	MAHATMA GANDHI UNIVERSITY OF MEDICAL SCIENCES AND TECHNOLOGY, JAIPUR
Address	RIICO INSTITUTIONAL AREA SITAPURA, TONK ROAD, JAIPUR-302022 RAJASTHAN
City	Jaipur
State	Rajasthan
Pin	302022
Website	www.mgumst.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Achal Gulati	0141-2771805	9829055666	0141-2770900	registrar@mgumst.org
IQAC / CIQA coordinator	Rajaat Vohra	0141-2770798	9660500686	0141-2770303	drrajatvohra@gmail.com

Nature of University	
Nature of University	State Private University
Institution Fund Source	No data available.

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	23-05-2011
Status Prior to Establishment,If applicable	

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	**Date**	**View Document**
2f of UGC	07-07-2021	[View Document](#)
12B of UGC		
Section 3		

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	RIICO INSTITUTIONAL AREA SITAPURA, TONK ROAD, JAIPUR -302022 RAJASTHAN	Urban	36.87	179715	UG,PG, Post Masters, (DM, MCh), Pre Doctoral(M.Phil), Doctoral (Ph.D), Certificate, Fellowships		

2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	8
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	8
Colleges with Research Departments	8
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)		: Yes
SRA program	Document	
DCI	110502_12885_5_1704862856.pdf	
INC	110502_12885_7_1704862862.pdf	
MCI	110502_12885_2_1704862847.pdf	
RCI	110502_12885_19_1702353614.pdf	

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty											
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	165				124				205			
Recruited	118	47	0	165	79	45	0	124	123	82	0	205
Yet to Recruit	0				0				0			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

	Lecturer				**Tutor / Clinical Instructor**				**Senior Resident**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	8				5				0			
Recruited	6	2	0	8	4	1	0	5	0	0	0	0
Yet to Recruit	0				0				0			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				1417
Recruited	1236	181	0	1417
Yet to Recruit				0
On Contract	0	0	0	0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				1286
Recruited	1021	265	0	1286
Yet to Recruit				0
On Contract	0	0	0	0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	18	0	0	22	0	0	21	0	0	61
Ph.D.	5	4	0	2	4	0	0	4	0	19
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	91	46	0	59	38	0	104	76	0	414
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	0	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	7	0	0	5	0	0	0	0	0	12
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

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Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	**Female**	**Others**	**Total**
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

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Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	MGUMST Jaipur	MGUMST UNESCO Chair in Bioethics	UNESCO Chair in Bioethics Haifa
2	Cardio Vascular and Thoracic Surgery	Dr Hari Gautam Chair	MGUMST Jaipur

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1698	39	0	1	1738
	Female	1367	59	0	0	1426
	Others	0	0	0	0	0
PG	Male	258	114	0	0	372
	Female	306	105	0	0	411
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	30	7	0	1	38
	Female	34	21	0	0	55
	Others	0	0	0	0	0
Post Master's (DM,Ayurveda Vachaspathi,M.Ch)	Male	19	75	0	0	94
	Female	8	19	0	0	27
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	1	2	0	0	3
	Female	12	15	0	0	27
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	No

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nill
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

General Facilities	
Campus Type: RIICO INSTITUTIONAL AREA SITAPURA, TONK ROAD, JAIPUR-302022 RAJASTHAN	
Facility	**Status**
• Auditorium/seminar complex with infrastructural facilities	**Yes**
• **Sports facilities**	
* Outdoor	**Yes**
* Indoor	**Yes**
• Residential facilities for faculty and non-teaching staff	**Yes**
• Cafeteria	**Yes**
• **Health Centre**	
* First aid facility	**Yes**
* Outpatient facility	**Yes**
* Inpatient facility	**Yes**
* Ambulance facility	**Yes**
* Emergency care facility	**Yes**
• **Health centre staff**	
* Qualified Doctor (Full time)	**7**
* Qualified Doctor (Part time)	**0**
* Qualified Nurse (Full time)	**7**
* Qualified Nurse (Part time)	**0**

• Facilities like banking, post office, book shops, etc.	**Yes**
• Transport facilities to cater to the needs of the students and staff	**Yes**
• Facilities for persons with disabilities	**Yes**
• Animal house	**Yes**
• Power house	**Yes**
• Fire safety measures	**Yes**
• Waste management facility, particularly bio-hazardous waste	**Yes**
• Potable water and water treatment	**Yes**
• Renewable / Alternative sources of energy	**Yes**
• Any other facility	**Bio-Gas Plant, Sewage Treatment Plant, Day Care Facility, CCTV Surveillance, Parking**

Hostel Details		
Hostel Type	**No Of Hostels**	**No Of Inmates**
Boys' hostel	2	220
Girls's hostel	3	414
Overseas students hostel	0	0
Hostel for interns	0	0
PG Hostel	6	485

Health Professional Education Unit / Cell / Department		
Year of Establishment:		
Education Programs Conducted	**Number Programs Conducted**	**Duration in Months**
* Induction	25	1
* Orientation	44	1
* Refresher	46	2
* Post Graduate	312	4

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Education is always basically multidisciplinary/ Interdisciplinary in nature. Traditionally also, all programmes were Interdisciplinary/multidisciplinary in health sciences. With introduction of New Education policy, the boards of studies and academic council of the University encourages students to make use of the provision of choice to opt for multidisciplinary subjects. As such, Programmes where there is regulatory provision for CBCS / elective course, are available in our University. Education with Multidisciplinary components is an academic and pedagogical approach to develop multiple capacities in the intellectual, aesthetic, social, physical, emotional, and moral domains, among the students inside and outside the classroom, by integrating formal and informal learning opportunities and teaching, research and community engagements and promoting cross-disciplinary and interdisciplinary perspectives and academic practice. MGUMST has been encouraging the outcome-based education system for students, at various levels. For the Undergraduate students, various Interdisciplinary based short term research projects are being encouraged, which will help them gain a better insight and the approach towards a specific treatment needs of the society. For the postgraduate students, some of the research projects are designed such that they develop a broader perspective and better approach to the various treatment needs of the society. The PhD scholars are encouraged to take up various extensive multidisciplinary research projects and thus, are provided access to a more compounding and qualitative approach.
2. Academic bank of credits (ABC):	MGUMST has been trying to adapt the NEP fully into its system, by trying to increase the academic credits of our students, which later on, when stored in the Academic Bank of Credits (ABC), via the National Academic Depository (NAD), will give them a much larger scope of freedom in terms of their future academic/career choices. MGUMST is paving the way for opening such digital infrastructure accounts individually for all its students and faculty in the ABC, to store their respective academic credits. To facilitate gaining such academic credit scores, apart from their regular curriculum, the institute has

	been encouraging its students and faculty to take up various value-added courses online, from a variety of departments as well as from institutes of higher learning on a national and worldwide scale, through the MOOC platforms such as the SWAYAM, NPTEL, etc. At MGUMST, we are trying to progress academically and thus, contribute in transforming India into a global knowledge super power, as envisioned in the NEP of not only an individual but also of the entire nation.
3. Skill development:	Skill Development is the most essential phenomena to enhance the socio-economic growth. The institute has been encouraging its students and faculty to take up various value-added courses online, from a variety of departments as well as from institutes of higher learning on a national and worldwide scale, through the MOOC platforms such as the SWAYAM, NPTEL, etc to enhance the skill of the students in all three domain Knowledge, Attitude and Practices. At MGUMST, we are trying to progress academically and thus, contribute in transforming India into a global knowledge super power. At MGUMST, we constantly pursue enhancing the skill sets of the students and also the faculty. Enhancing the skill of a healthcare provider is an utmost necessity as it improves patient care. Apart from clinical skills, certain skill sets necessary for the students and faculty, to improve their academic, personal, social and also financial outcomes are also addressed in this institute.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Indian knowledge system (IKS) has been introduced to promote interdisciplinary research and help the young Indians feel connected to their heritage. At MGUMST, the students are taught the Indian way of doing things, apart from the statuatory bodies and the University prescribed syllabus and curriculum. This helps them to better gel into the society and improvise on the knowledge and treatment outcomes for an overall benefit of the society. The institute organizes Yoga and meditation sessions for the students and faculty regularly, which help to improve their concentration and thus enhance their work efficacy. MGUMST has also been trying to impart AYUSH related knowledge to its students and faculty by entering into knowledge sharing and research related tie-ups with Ayurvedic and Yoga training institutes, to help derive at a much better and

	sustainable solution for prevention and treatment of various dental and oro-facial diseases.
5. Focus on Outcome based education (OBE):	As per the requirements of the NEP, MGUMST emphasizes on the Outcome Based Education (OBE) system also. Competency oriented classes using problem-based approach and integrated approach are being designed for the students, who are trained on clearly articulated scenarios. The critical point-based evaluation systems introduced in the pre-clinical / clinical / practical scenarios for the students at MGUMST will endeavor such approaches. The faculty is also encouraged to participate and undergo such training to enhance their skill sets and abilities, which enables them to be equipped with the necessary knowledge to train the students in this manner. It improves the critical thinking abilities, professionalism and ultimately improves the patient care.
6. Distance education/online education:	There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all class room teaching and Learning to partly classroom partly online Teaching-Learning. This is exhibited in the worldwide popularity of Online education like MOOCs, etc. India is also keeping abreast in this new paradigm. MGUMST has put into practice a fully integrated Learning Management System (LMS). This LMS system is designed to incorporate any future enhancements and newer features, which may be developed as part of the NEP. We are imparting online / distance education and knowledge sharing not only to the students at the institute, but also to other interested faculty and students from various institutions / practitioners, across India. By partnering with a professional service provider, we have been conducting various webinars / training sessions at various levels Our website has an e-learning page which directs the interested visitors to a plethora of knowledge sharing videos on the various aspects of Medicine, ranging from the basics in health education, to the diagnosis and treatment planning and best treatment methodologies for various medical procedures. We have also made available various lectures through the virtual platform, to benefit the student learning. The PPT's and videos of the various lectures taken have been made available in the same platform so that the students would have

	better access to each topic.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	An Electoral Literacy Club (ELC) is a platform to engage students through interesting activities and hands-on experience to sensitise them on their electoral rights and familiarize them with the electoral process of registration and voting. ELCs are also present in Institutions and rural communities. The MGUMST Electoral Literacy Club has been set up with the able leadership of Dr Aparna Garg, Professor and student Coordinators along with members actively participate in the ELC activities. The students are motivated and stimulated by fun activities and games to provoke them to think and ask questions through these club activities.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes. The faculty coordinators, student coordinators and members have been appointed by the University. The ELCs is actively participating in all electoral activities. The club assign events to create awareness on the importance of voting. Through ELC, Election Commission of India aims to strengthen the culture of the electoral participation among young and future voters. MGUMST-ELCs members will be part of interesting and thought-provoking, mostly classroom based activities and games. Activities and fun games have been designed to impart specific learning which will help them become an 'Empowered (Prospective) Voter'. Every year the club conducts seminars to help students know about their rights and encourage them to exercise those rights by participating in the elections. The club also encourages students to take part in various competitions conducted by Institutions and develop their skills and confidence. Our students and staff have participated in the competitions. Our staff coordinator Dr APARNA GARG, Professor has actively involved the students in various innovative activities to encourage the students to use their voting rights and spread awareness about the importance of voting among the general public.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral	Every year the club conducts seminars to help students know about their rights and encourage them to exercise those rights by participating in the

processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	elections. The club also encourages students to take part in competitions conducted by SVEEP (Systematic Voters' Education and Electoral Participation Program) as this will help develop their skills and confidence. Our students and staff have participated in the competitions. Our staff coordinator Dr Aparna Garg, Professor has actively involved the students in various innovative activities to encourage the students to use their voting rights and spread awareness about the importance of voting among the general public.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The members of MGUMST-ELCs, actively coordinates to impart the awareness and importance of voting through various programs like rally, surveys and conducting Competitions.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The members of MGUMST-ELCs, actively coordinates to impart the awareness and importance of voting through various programs like rally, surveys and conducting Competitions.

Extended Profile

1 Program

1.1

Number of all programs offered by the institution during the last five years

Response: 131

2 Students

2.1

Number of students year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3610	3267	2982	2858	2680
File Description		Document		
Institutional data in prescribed format		[View Document](#)		

2.2

Number of graduated students year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
693	625	460	515	442
File Description		Document		
Institutional data in prescribed format		[View Document](#)		

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
641	601	540	413	367

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
641	601	540	413	367

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
0.309324	0.243812	0.20334	0.181996	0.154433

File Description	Document
Institutional data in prescribed format	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1

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

Response:

Introduction

The contents of the curriculum across all programs and courses fulfill one or several desired aspects from rules, regulations, notifications and general education philosophy as reflected in University Grants Commission (UGC), New Delhi, National Education Policy 2020, AYUSH Ministry, Central Health Ministry, State Health Ministry and general regulations of state government of Rajasthan and Municipal Corporation. For instance, the UG and PG curriculum of the Department of Community Medicine contains and follows the local needs especially management of contagious diseases, vaccination and disposal of biomedical waste as regulated by the Municipal Corporation.

The curricula of the university as per the guidelines of different regulatory bodies like NMC, DCI, INC, RCI and MGUMST. The curricula holds relevance to the local, national, regional and global health care needs in the following domains:

Local:

1. Recognize the health needs of the community and carry out professional obligations ethically.

2. Develop, implement and evaluate clinical and community based programs promoting health and improve specific health outcomes.

3. Enunciate principles and components of primary health care and national health policies to achieve the goal of 'Health for All'.

4. Compile, manage and assess biomedical informatics and health records data bases and apply advanced statistical methods to research endeavors.

5. Have self direction and originality in tackling and solving problems.

6. Possess attitude of continuous self learning and to seek further expertise or to pursue research in any chosen area.

Regional:

1. Identify health needs of community and their relevance to regional health priorities

2. Practice efficiently internal medicine specialty, backed by scientific knowledge including basic sciences and skills

3. Diagnose and manage majority of conditions in his specialty (clinically and with the help of relevant investigations)

4. Prepare graduates to assume responsibilities as professional, competent health care worker in providing promotive, preventive, curative, and rehabilitative services.

5. Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems in providing health care to individuals, families and communities.

6. Demonstrate understanding of life style and other factors, which affect health of individuals and groups.

7. Demonstrate skills in teaching to individuals and groups in clinical/community health settings

National

1. Provide promotive, preventive and restorative health services in line with the national health policies and programmes.

2. Demonstrate leadership and managerial skills in clinical/community health settings.

3. Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.

4. Demonstrate awareness, interest, and contribution towards advancement of self and of the profession.

Global

1. Increase health awareness across global level on widespread health issues.

2. Provide health education to all for prevention of communicable and non-communicable diseases

3. Human resource development.

4. Investigation and management of epidemic/pandemic.

MGUMST taking into consideration the need of fulfillment of local, regional, national and global health care needs, commenced following programs:

1. MBBS, BDS, BPT, BOT

2. DM Medical Oncology, MCh Surgical Oncology, MCh Reproductive Medicine & Surgery, MCh Surgical Gastroenterology

3. MD Emergency Medicine

4. BSc Surgical Assistance, BSc Physician Assistance

5. BSc EEG Technician, BSc ECG Technician, BSc Operation Theatre Technology

6. B.Sc. Nursing

7. BSc-Ophthalmic Teachnique and Optometry

8. Master of Health-Administration

9. BSc Health-Informatic

File Description	Document
Any additional information	[View Document](#)
Link for Curricula implemented by the University	[View Document](#)
Link for Outcome analysis of POs, COs	[View Document](#)
Link for Additional Information	[View Document](#)

1.1.2

Percentage of Programmes where syllabus revision was carried out during the last five years

Response: 61.83

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 81

File Description	Document
Syllabus prior and post revision of the courses	[View Document](#)
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of the revised Curricula/Syllabi of the programmes during the last five years	[View Document](#)
Any additional information	[View Document](#)

1.1.3

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

Response:

Introduction

Focus on competency, employability, skill development and entrepreneurship has been core to the overall agenda of MGUMST since 2011. The university meticulously ensures the doctors and technicians progressing from the university are competent, employable, skilled, and equipped with necessary ideas for entrepreneurship.

For inculcating professional skills and competencies amongst students, the curriculum developed by university is providing adequate weightage to Pre, Para and Clinical exercises, laboratory exposure, training at Community level / industry and research-orientation with an aim of achieving the goals of health professionals.

The curriculum of PG and UG is spread out in such a way that adequate opportunities are provided for overall development of professional skills and competencies through Foundation courses, Early Clinical Exposure, Value Education Courses, Community Based Education, postings in Skill labs (Basic & Advanced), CAL labs, Simulation labs and Virtual learning labs.

The university ensures the development of soft and hard skills as mentioned above through its curriculum taught by competent faculty, implementing special skill development UG and PG programs. These programs are aimed to enhance competency, employability and entrepreneurship development and after provision of learning opportunity in terms of communication skills and personality development.

Academic programs offered by the University are interdisciplinary in nature and are relevant to national, global needs and skill oriented courses, with high technical and scientific contents in disciplines of health sciences facilitating employability

The training in healthcare is an integral part of the academic programs. Students learn their skills primarily in health care set up. The health care is delivered through a network of primary and tertiary care teaching hospitals acquiring competencies across all health care settings.

The students are trained to use their knowledge and skills judiciously for the welfare of the community. They are trained in conduct, in decision making, in problem solving and leadership skills besides the core knowledge that is necessary to carry out the duties professionally.

Value added courses are being offered by the university to enable students to acquire skills beyond their curricular expectation and to enhance employability and equip them to the needs of the National and Global demands. Value and skill based education play major role in transforming the society for a better future.

All the programs and courses of the MGUMST have following thrust areas relevant to competency, employability, entrepreneurship and skill development:

Practical knowledge, soft-skill development

Communications skills, field work, research, community activities Foundation course, early clinical exposure

Training in simulation lab School camps, outreach activities

As a result of focus of MGUMST on these aspects through curricular, co-curricular and extra-curricular-activities, students' overall development is achieved. This is visible in results, progression of students and participation of students in outreach programs and outstanding galaxy of alumni who are recognized for their skills.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for courses having focus on competency/ employability/ entrepreneurship/ skill-development	[View Document](#)
Link for MOUs with Institutions / Industries for offering these courses	[View Document](#)

1.2 Academic Flexibility

1.2.1

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

Response: 50

1.2.1.1 Number of programmes in which CBCS/ Elective course system implemented.

Response: 4

1.2.1.2 Total number of Programmes where there is regulatory provision for CBCS / elective course system

Response: 8

File Description	Document
University letter mandating implementation of CBCS by the institution	[View Document](#)
Structure of the program clearly indicating courses, credits/Electives as approved by the competent board	[View Document](#)
Minutes of relevant Academic Council/BoS meetings Clearing indicating the adoption of CBCS System and/or	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Document for Structure of Programs mentioning the Credit Allocation and Elective options	[View Document](#)
Link for additional information	[View Document](#)

1.2.2

Percentage of new degree programmes, fellowships and diplomas introduced by the university across all Faculties during the last five years (certificate programmes are not to be included)

Response: 52.67

1.2.2.1 Number of new Degree Programmes, Fellowships and Diplomas introduced by the University during the last five years

Response: 69

File Description	Document
Minutes of relevant Academic Council/BoS meetings Clearing approving the introduction of new Degree Programmes, Fellowships and Diplomas claimed in the SSR	[View Document](#)
List of the new Programmes introduced during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.2.3

Percentage of interdisciplinary courses under the programmes offered by the University during the

last five years

Response: 57.15

1.2.3.1 Number of interdisciplinary courses offered by institution during the last five years

Response: 1662

1.2.3.2 Number of courses offered by the institution across all programs during the last five years

Response: 2908

File Description	Document
Minutes of relevant Academic Council/BoS meetings Clearly approving the interdisciplinary Courses with specifications of departments involved	[View Document](#)
List of Interdisciplinary courses under the programmes offered by the University during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

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

Response:

Introduction

MGUMST aims at achieving holistic development of the students. It integrates myriad crosscutting issues in curricula to inculcate them among its students through its co-curricular and extra curricular activities. It is also achieved through a lot of outreach activities. Besides the issues like gender, environment and sustainability, human values and professional ethics, there are many other important areas that the teachers at MGUMST strive to integrate crosscutting issues for learners in the broader teaching –learning process.

Gender Sensitization

Issues related to gender are focused in curricular/co-curricular activities. Topics on gender-related issues and sexuality are included in UG/PG specific Curricula. Workshops, essay-writing, skits, role-plays, slogan writing, open house discussions are regularly held. Every year, interactive sessions on woman empowerment are organized on International Women's Day as a part of gender equity promotion program. We also offer a value added course on Gender Sensitization.

Human Values

During the internship students are posted in Rural Health Training Centre (RHTC) and are assigned families/houses for health care and maintaining their family folders. It helps in understanding socio-economic, environmental and cultural aspects of healthcare and gives opportunity to develop empathy, communication skills, holistic approach to health & diseases. Efforts are taken for inculcation of Gandhian values amongst staff & students and inclusion of topics like professionalism and Doctor-Patient relationship.

Health Determinants

Biological, physical, behavioral & socio-cultural, environment, socio-economic condition and health services are an integral part of curriculum in Community Medicine, Pediatrics and General Medicine program.

Right to Health

These issues are addressed in the curriculum and implemented during clinical postings and internships. Hippocratic Oath and white coat ceremony, cadaveric oath, activities are added features. Every student is oriented towards right to health as he/she can recognize 'Health for All' as a national goal through training for medical profession and it strengthens his/her social obligations towards realization of this goal.

Emerging demographic changes

Emerging demographic changes are also incorporated in the curriculum. Population pyramid with age and sex distribution is taught in Community Medicine, Pediatrics and General Medicine courses. Importance of sex ratio, PCPNDT act and increasing geriatric population is stressed in various programs. We also offer a value added course on Introduction to population health survey.

Professional Ethics

It is an integral part of student engagement through social activities during their program of study. It aims at inculcating values, ethics and socially responsible qualities, so they can become exemplary citizens by observation of medical ethics and fulfilling social and professional obligations, and can respond to national aspirations. Students also organize street plays, awareness campaigns, debates, etc. for achieving the desired goals. As a part of curriculam we conduct AETCOM Module.

Environment Sustainability

In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions are organized for students of

all the programs. Environment Day, Earth Day, Water Day etc. are celebrated every year.

Institution conducts Green, Environment and Energy audits regularly.

Global warming and health hazards related to climate, altitude, depth and human health are the major issues included in the curriculum. We also offer a value added course on Environmental Protection and Biomedical waste management.

File Description	Document
List of courses that integrate crosscutting issues mentioned above	View Document
Any additional information	View Document

Link for list of courses that integrate crosscutting issues mentioned above	View Document
Link for additional information	View Document
Link for description of the courses which address Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the Curricula	View Document

1.3.2

Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 51

1.3.2.1 Number of value-added courses are added within the last five years

Response: 51

File Description	Document
Institutional data in prescribed format	View Document
Brochure or Course content or syllabus relating to Value added courses to be uploaded in the SSR	View Document
Any additional informatiom	View Document
Link for additional information	View Document

1.3.3

Percentage of students successfully completed the value-added courses during the last five years

Response: 42.46

1.3.3.1 Number of students who successfully completed the value-added courses imparting transferable and life skills offered year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3078	2292	848	105	214

File Description	Document
The institution should provide list of the students as per the requirement in the template failing which the claim will not be considered	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.3.4

Students undertaking field visits / research projects / Industry internships/ visits/Community postings as a part of curriculum enrichment

Response:

Introduction

Professional courses training programs offererd by MGUMST aim at equipping students with skills necessary for working at the ground level with the patients in the community. Curriculum is enriched by incorporating field visits, research projects, community settings, and industry interfaces.

Field visits:

Field visits increase students' learning through active hands-on experience which in turn gives a boost to the student's knowledge and understanding of a subject. Field visits are mandatory curricular activities.

To make students aware of real field situations and practical issues of certain topics, community medicine department arranges regular visits of the students. The places to be visited may differ depending upon vehicle availability, student strength, distance of the place from medical college, administrative issues, etc. Usually, places where students realize the practical importance of theoretical aspects, which can affect or which do affect health of public or community directly, are visited on a priority.

Medical and nursing students undertake field visits to healthcare delivery centres, PHC, dairy milk units, sewage treatment plants, water treatment plants, and public health laboratory. It helps in familiarizing them with prevention of disease, practical insight, actual implementation of national health programs, and enhances their knowledge and skills.

Research Projects

All programs have a built in research component. Students of various UG/PG programs are offered with research skills through minor research projects. The university is able to attract many sponsored research projects including clinical trials and encourages students to take up research projects that are sponsored by WHO, ICMR or the STS funded by the institute. Project work and thesis submission are part of all the postgraduate programmes, and Ph.Ds.

Industrial visit:

Visits to different government/private industries are organized to experience the real working equipment/operations to bridge the gap between academics and industries.

The meticulous planning of learning experiences for students in real life settings of hospital, home, community and industry forms the core for curricular implementation. The students learn through observation, reflection, work-place based learning under supervision during their clinical rotations, clerkships and internships. Valuable links with community agencies enhance social preparedness and foster a sense of **Institutional Social Responsibility** and people-friendly attitude to students. Industrial visits give opportunity for students to conduct individual/group projects and practical work enhancing the students' creativity, decision making and problem-solving skills.

Internship: Internship is an inbuilt feature for UG programs for acquisition of the desired skills. The students are actively involved in treating the patients under supervision. Students maintain logbooks containing skills to be achieved and reflect upon their experiences in field, industry, and community visits and postings.

Community Postings: Students are posted in community settings. They do health check-up and maintain family health folders. They learn social, economic, environmental aspects of health and disease in a family setup. There is a defined rural postings rule for RHTC Vatika, Govt. PHC, Vatika and Shivdaspura and urban postings at UHTC Pratap Nagar.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for list of Programmes and number of students undertaking field visits / research projects / internships/Industry visits/Community postings	[View Document](#)

1.4 Feedback System

1.4.1

Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders.Structured feedback received from:

1. **Students**
2. **Teachers**
3. **Employers**
4. **Alumni**
5. **Professionals**

Response: B. Any 4 of the above

File Description	Document
Stakeholder feedback report as stated in the minutes of the Governing Council/Syndicate/ Board of Management	[View Document](#)
Sample filled in Structured Feedback forms designed by the institution for each category as claimed in SSR	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for feedback report from stakeholders	[View Document](#)
Link for additional information	[View Document](#)

1.4.2

Feedback process of the Institution may be classified as:

Response: A. Feedback collected, analysed and action taken on feedback and relevant documents are made available on the institutional website

File Description	Document
Institutional data in prescribed format	[View Document](#)
Action taken report of the University on feedback as stated in the minutes of the Governing Council/ Syndicate/ Board of Management	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories.

Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 41.56

2.1.1.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
412	501	384	364	326

2.1.1.2 Number of seats earmarked for reserved categories as per GOI or State Govt. norms year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
675	780	2557	1135	920

File Description	Document
Institutional data in prescribed format	[View Document](#)
Initial reservation of seats for admission	[View Document](#)
Final admission list published by the HEI	[View Document](#)
Copy of letter issued by state govt. or and Central Government (which-ever applicable) Indicating the reserved categories to be considered as per the GO rule (translated in English)	[View Document](#)
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution.	[View Document](#)
Admission extract submitted to the state OBC, SC and ST cell every year.	[View Document](#)
Link for additional information	[View Document](#)

2.1.2

Student Demand Ratio applicable to programmes where state / central common entrance tests are not conducted

Response: 0

2.1.2.1 Number of eligible applications received year-wise during the last five years for programmes where State / Central Common Entrance Tests are not conducted

2022-23	2021-22	2020-21	2019-20	2018-19
00	00	00	00	00

2.1.2.2 Number of seats available year-wise/eligible applications received during the last five years where *State / Central Common Entrance Tests are not conducted*

2022-23	2021-22	2020-21	2019-20	2018-19
310	465	689	643	634

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

2.1.3

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

Response: 13.45

2.1.3.1 Number of students from other states and countries year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
140	147	117	82	79

2.1.3.2 Total number of students enrolled in that year

2022-23	2021-22	2020-21	2019-20	2018-19
864	975	833	755	714

File Description	Document
Previous degree/ Matriculation / HSC certificate from other state or country	[View Document](#)
List of students from other states and countries	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E-copies of admission letters are issued to the students enrolled from other States / Countries.	[View Document](#)
Copy of the domicile certificate as part of the from other states and countries and/or Previous degree/Matriculation / HSC certificate from other state or country	[View Document](#)
Link for additional information	[View Document](#)	

2.2 Catering to Student Diversity

2.2.1

The Institution assesses the learning levels of the students after admission and organises special programmes for advanced learners and slow performers

The Institution:

1. **Adopts measurable criteria to identify low performers.**
2. **Adopts measurable criteria to identify advanced learners**
3. **Organizes special programmes for low performers and advanced learners**
4. **Follows protocols to measure students' achievement**

Response: A. All of the above

File Description	Document
Proforma created to identify slow learners/advanced learners	[View Document](#)
Methodology and Criteria for the assessment of Learning levels Details of special programmes	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of outcome measures	[View Document](#)
Consolidated report submitted to Dean academics /Dean student's welfare on special programs for advanced learners and slow learners	[View Document](#)

Link for additional information	[View Document](#)	

2.2.2

Student - Full- time teacher ratio (data of preceding academic year)

Response: 5.63

File Description	Document
List of students enrolled in the preceding academic year	[View Document](#)
List of full time teachers in the preceding academic year in the University (with Designation and Highest Qualification obtained)	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.3 Teaching- Learning Process

2.3.1

Student-centric methods, are used for enhancing learning experiences by:

- **Experiential learning**
- **Integrated/Inter-disciplinary learning**
- **Participatory learning**
- **Problem-solving methodologies**
- **Self-directed learning**
- **Patient-centric and Evidence-based learning**
- **The Humanities**
- **Project-based learning**
- **Role play**

Response:

MGUMST has evolved and successfully implemented a variety of unique educational practices, comprising of physical, practical, aesthetic, intellectual and moral aspects of education that advocates an optimum blend of these components towards all-round development of the students.

This student centric pedagogy acknowledges students' voice as central to the learning experience for every learner. It requires students to be active and responsible participants in their own learning.

The curriculum is so designed with a set of foundation and core courses that develops necessary skills of the students for a rewarding career. It continues to nurture and strengthen them provides them with necessary life skills required for work-life balance. The students are also taught humanities along with their curriculum.

Implementation of innovative teaching learning practices at the University have made the activity effective and exciting for the students. The Teaching–learning methods adopted by the faculty members include:

Lectures Interactive mode

Project based learning Computer assisted learning Experiential learning Problem based learning

Integrated/interdisciplinary teaching

Participatory learning- group work, case studies, role plays, self-directed-learning Evidence based learning

Community based learning: a group of students are attached with a few faculty members. Student seminars etc.

Community Oriented, Need Based & Problem Solving Learning are a few of the thrust areas at the University. These are conducted from the first year itself to impart the desired outcomes. The various innovative practices are sincere attempts on the part of the various colleges of the university to ensure its progress towards excellence. There is a constant drive to gain more and more analytical feedback of our processes to iterate constantly for holistic development and innovative instructional designs & Pedagogy.

Cognition based learning assessment is done at the beginning of course by identifying slow and advance learners. It's a continuous process being followed up by internal assessment after 3rd and 6th month and pre university exams (Cognition and skill based) after effective learning assistance. University has a mechanism/procedure for identifying slow and advance learners. It aims to improve students in the areas of core knowledge of the course and for developing skills which they can use and apply while working independently.

Motivational seminars, communication and language skill development sessions are conducted. Students are enrolled in mentorship programmes for identification of individual needs and problems.

Individual feedback and feedback to concerned departments is given and extra classes are conducted on different subjects to bring slow and mediocre performers at par. The advanced learners are provided

guidance for higher level competitive exams by involving them in research projects.

Impact of these activities is seen in the form of better results and progression and successful completion of projects (STS by ICMR) of both slow and advance learners. Advanced learners thus get an opportunity to be a part of student exchange program with foreign institutions.

File Description	Document
Link for additional information	[View Document](#)
Link for list of student-centric methods used for enhancing learning experiences	[View Document](#)

2.3.2

Has provision for the use of Clinical Skills Laboratory and Simulation Based Learning

The Institution:

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

Response: A. All of the above

File Description	Document
Report on training programmes in Clinical skills lab/simulator Centre	[View Document](#)
Proof of patient simulators for simulation-based training	[View Document](#)
Proof of Establishment of Clinical Skills Laboratories	[View Document](#)
List of clinical skills training modals	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geo-tagged photographs of clinical skills lab facilities, clinical skills modals, patients simulators	[View Document](#)
Details of training programs conducted and details of participants	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.3.3

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

Response:

Introduction

MGUMST faculty makes effective use of power-point, videos, computer assisted laboratory, online resources to orient students for advanced knowledge and practical skills as the University is well equipped with all the required IT facility for teaching and learning process. The lecture theatres and demonstration rooms are equipped with projectors and network connections for smooth conduction of the classes.

Faculty at university make efforts to record videos during procedure and utilize the same as a teaching modality. The other faculty and staff, also find these videos appropriate which makes the teaching, learning process easier and fruitful for them. MGUMST has a Media Centre, Procedural Video Capturing System for recording teaching content for students. Student's access this data at university YouTube channel, MOODLE and Central Library Repository for subject and topic wise PPTs and videos created by the teachers.

The technology has helped the students for self-directed learning; along with this, the reasoning and analyzing power of the students has tremendously improved. It has the potential to increase student's motivation, connect them to any information, source, and support active in class and out class learning

outcomes. The students can complete their assignments and give their presentations.

It is Convenient, Cost effective and Repeatable. It is more adaptive and makes understanding and learning more effective. The communication with students is well established. Selection of appropriate and relevant content is possible. Last but not the least the classes can be recorded and later be used for on demand lectures. These recordings also give the teachers an opportunity to better themselves and reproduce a better learning lesson plan.

Following are the methods/tools adapted for the ICT teaching in the institute.

Wi-Fi campus - institute premises are Wi-Fi enabled, user ID based for assess of internet being provided to all.

LCD/ OHP are placed in all teaching areas like laboratories, demonstration rooms. Simulators (Simulation based learning through manikins)

Skill labs

Videos, pictorial and acoustics for the better understanding We also have E-resources in our library

Digital library, Digital data base DELNET

E-Shodhsindhu E-Shodhganga

E books – K -Hub E- journals

BMJ Journals collection

EBSCO Dentistry & Oral Sciences journals

E learning – the students have been given lectures on the Moodle website

Computer assisted learning (CAL) -The animal experiments are taught effectively using the various animated videos widely used in the department or preclinical subjects and the Para clinical subjects.

Online classes through Google meet, Zoom online and MOODLE online platforms. Webinars.

Video conferencing – the institute has weekly clinical rounds which is at times are interdepartmental where relevant and other topics of interest are covered.

The advantage of the ICT aided teaching makes the learning interactive, experiential and exploratory active and has resulted in betterment of the cognitive and psychomotor domains of learning.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link of the details of ICT-enabled tools used for teaching and learning	[View Document](#)
Link for list of teachers using ICT-tools	[View Document](#)

2.3.4

Student :Mentor Ratio (preceding academic year)

Response: 6.61

2.3.4.1 Total number of mentors in the preceding academic year

Response: 546

File Description	Document
Records of mentors-mentee meetings.	[View Document](#)
Log Book of mentors	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of fulltime teachers/other recognized mentors	[View Document](#)
Copy of circular pertaining to the details of mentor and their allotted mentees	[View Document](#)
Approved Mentor list as announced by the HEI	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year-wise list of fulltime teachers and sanctioned posts for the last 5 years (Certified by the Head of the Institution)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Faculty position sanction letters by the competent authority	[View Document](#)
Appointment letters of faculty during last five years	[View Document](#)

2.4.2

Average percentage of fulltime teachers with Ph.D./D.Sc./D.Lit./ DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils / Universities during the last five years

Response: 18.33

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

2022-23	2021-22	2020-21	2019-20	2018-19
180	185	56	52	36

File Description	Document
List of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils and the	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copies of Guide-ship letters or authorization of research guide provide by the competent authority	[View Document](#)

2.4.3

Average teaching experience of fulltime teachers in number of years (preceding academic year)

Response: 8.54

2.4.3.1 Total teaching experience of fulltime teachers in number of years (cumulative experience)

Response: 5474

File Description	Document
List of full-time teachers for the preceding academic year with their designation, department and number of years of teaching experience	View Document
Institutional data in prescribed format	View Document
Experience certificate of full time teacher	View Document

2.4.4

Average percentage of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years.

Response: 51.93

2.4.4.1 Number of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years

2022-23	2021-22	2020-21	2019-20	2018-19
548	489	234	67	122

File Description	Document
Reports of the e-training programmes	[View Document](#)
List of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years	[View Document](#)
List of e-contents / e courses / video lectures / demonstrations developed	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	[View Document](#)

Link for additional information	[View Document](#)	
Web-link to the contents delivered by the faculty hosted in the HEI's website	[View Document](#)	

2.4.5

Average percentage of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academics during the last five years

Response: 9.77

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

2022-23	2021-22	2020-21	2019-20	2018-19
128	87	12	20	27

File Description	Document
Institutional data in prescribed format	[View Document](#)
Certified e-copies of award letters (scanned or soft copy)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Average number of days from the date of last semester-end/ year- end examination to the date of declaration of results during the last five years

Response: 17

2.5.1.1 Number of days from the date of last semester-end/ year- end examination to the date of declaration of results year-wise in that year and during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
15	15	19	16	20

File Description	Document
Reports from Controller of Exam (COE) office/ Annual reports mentioning the relevant details.	[View Document](#)
List of programmes and dates of last semester-end/year-end examinations and the dates of declaration of results	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

2.5.2

Average percentage of student complaints/grievances about evaluation against total number of students appeared in the examinations during the last five years

Response: 4.5

2.5.2.1 Number of student complaints/grievances received about evaluation year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	159	216	189

2.5.2.2 Number of students who have appeared for the exams year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2839	3083	2689	2569	2310

File Description	Document
Reports of Examination Sections	[View Document](#)
Minutes of the grievance cell / relevant body	[View Document](#)
List of complaints / grievances year-wise during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Certificate from Registrar / Controller of examination / Data on student grievances from the office of the Registrar (Evaluation)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.3

Evaluation-related Grievance Redressal mechanism followed by the Institution: ...

The University adopts the following mechanism for the redressal of evaluation-related grievances.

Options(Opt one which is applicable to you):

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

2. **Double Valuation/Multiple valuation with appeal process for revaluation only**

3. **Double Valuation/Multiple valuation with appeal process for retotalling only**

4. **Single valuation and appeal process for revaluation**

5. **Grievance Redressal mechanism does not exist**

Response: A. Double valuation/Multiple valuation with appeal process for retotalling/revaluation and access to answer script

File Description	Document
Report of the Controller of Examination/ registrar evaluation regarding the Grievance Redressal mechanism followed by the Institution	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Provide links to the examination procedure and re-evaluation procedure developed by the institution and duly hosted in the institution's website	[View Document](#)
Link for additional information	[View Document](#)

2.5.4

Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.

Response:

Introduction

MGUMST has a well-established and efficient continuous evaluation system with different types of assessments spread across entire the duration of each semester.

Various reforms have been introduced in the evaluation process (Formative as well as summative assessment) during the last five years to improve the evaluation /examination system in the university.

The changes which have been brought about are as follows:

A.   Examination Procedures

CCTV Cameras installed in and around examination halls.

Deployment of security guards at the entrance of the examination hall for smooth conduction. Placing of Jammers

Increase in number of pages in the main answer book and issuance of only one supplementary answer booklet.

No Entry for the examinees to the examination hall after five minutes of commencement of the examination.

The condition of securing at least 40% marks for being eligible to take the university exam as compared to 35% marks earlier.

Proper planning for Seating arrangements and invigilation duties for university examinations has led to optimal utilization of manpower resources, increased vigilance and smooth conduct of the examinations.

B. **Process of integrating IT**

Plagiarism checks to screen the PG thesis before final submission to the university.

The online platform such as Google meet, Zoom, MOODLE etc. were effectively used by the faculty for internal assessment during the pandemic (COVID-19).

C. **Continuous Internal Assessment**

The internal assessment examination (formative) in all the constituent colleges under the supervision of the heads of the college is conducted. Formative assessment methods include internal examinations, preliminary examinations which consist of Written (MCQs, SAQs, & LAQs), Viva-voce and Practical examinations. Other assessment methods included Quizzes competitions, Seminars, Problem based learning, Assignments, Portfolios and Journals.

These internal examination helps in the overall growth of the students and helps them to build up their confidence in facing the final exams.

1. Problem-Based learning. This ensures the student development of reasoning ability and also builds a better level of critical-thinking. The students can do their self-assessment and get to know their limitations while working on them positively.

2. MCQ and short answer question are being given regularly which focuses at Reinforcing skills, concepts and knowledge gained.

3. Competency based assessment is also being implemented in all the colleges throughout all the phases in clinical/practical training method. The constituent colleges of the university has incorporated the Objective Structured Clinical Examination(OSCE)/ Objective Structured Practical Examination (OSPE) for the students' skill development. This helps in improvement of the cognitive function and professional competency. An immediate feedback by the facilitator/teacher helps in improvement of the student's learning outcomes.

4.Besides facilitating the learning process, these assignments have encouraged students to take initiative, to work independently, and be responsible for completing tasks

D. **Examination procedure reforms during COVID-19 Pandemic**

Keeping in mind the social distancing the seating arrangements in the examination hall was modified as per COVID guidelines.

Use of Gloves/Mask/Sanitizers made compulsory during examination.

Provision for online practical examination for all students appearing in all examination through the online platform such as Google meet, Zoom, etc.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for details of examination reforms implemented during the last 5 years	[View Document](#)

2.5.5

Status of automation of the Examination division, using Examination Management System (EMS) along with an approved online Examination Manual

1. **Complete automation of entire division & implementation of the Examination Management System (EMS)**
2. **Student registration, hall ticket issue & result processing**
3. **Student registration and result processing**
4. **Result processing**
5. **Manual methodology**

Response: Any four of the above

File Description	Document
The present status of automation., Invoice of the software, & screenshots of software	[View Document](#)
Snap shot of the EMS used by the institution	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copies of the purchase order of the software/AMC of the software	[View Document](#)
Any additional information	[View Document](#)
Annual report of examination including present status of automation as approved by BOM / Syndicate / Governing Council	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

The institution has stated learning outcomes /graduate attributes as per the provision of Regulatory bodies which are integrated into the assessment process and widely publicized through the website and other documents

Response:

Introduction

Program Outcomes (POs) and Courses Outcomes (COs) for all the academic programs are uploaded on the University website. These are instrumental in achieving the vision, mission and strategic objectives of the academic practices. They are designed as per the guidelines of respective Statutory Councils in respect of Medical, Dental, Nursing, Physiotherapy and other paramedical sciences, which ensure that the desired outcomes are achieved.

Assessment methodology /tools are decided keeping in mind the parameters/ learning outcomes to be measured with due emphasis during delivery of programs as prescribed in the course curriculum.

Before commencement of an academic year, faculty meetings are conducted by each institution and decisions are taken on the mode of teaching in perspective of the POs and COs. Induction and orientation programmes are conducted for the newly enrolled students at the beginning of each academic session where the students are briefed about POs and graduate attributes.

Students and teachers are provided with academic calendar, wherein plan for implementation of entire curriculum is specified, providing all learning objectives and COs at various levels.

The medical graduates attributes are as per NMC norms to become a locally competent and globally responsible clinician, leader and a member of the inter-disciplinary health care team, through life-long learning process that is altruistic, ethical and committed to excellence.

The MGUMST graduate attributes include

1. Dynamic Professionalism

2. Exemplary leadership

3. Effective communication skills

4. Scholarly attitude

5. Element of critical thinking

6. Enthusiasm for research

7. Social commitment and

8. Global competencies

The COs are formulated to make students competent with respects to all domains of learning (Cognitive, Affective and Psycho-motor Domains). Their assessment is done in formative domain at department level and summative at university level. Formative assessment methods include internal examinations, preliminary examinations which consist of Written (MCQs, SAQs, & LAQs), Viva-voce and Practical examinations. Other assessment methods included Quizzes Seminars, Problem based learning, Assignments, Portfolios and Journals.

The students are introduced to scientific research through compulsory dissertation related to their respective fields of expertise under the guidance of their teachers. Various projects in thrust areas are also undertaken. The students participate at State, National and International levels competitions, debates, paper presentations and quizzes. Institutional IQAC and its constituent units play crucial roles in communicating curricular changes and the mode of implementation through regular meetings with the departmental coordinators. Students are provided with work books, journals & log books stating the attainment of outcomes and objectives of their respective courses.

The passing out graduates and post graduates in various streams are made competent enough to practice independently with due confidence and skills. Besides professional knowledge, they are groomed to play leadership roles in the community, health sector as well as social issues such as gender equity, environmental protection, disaster management and sensitizing people at large on their right to health.

File Description	Document
Any additional information	[View Document](#)
Link for relevant documents pertaining to learning outcomes and graduate attributes	[View Document](#)
Link for methods of the assessment of learning outcomes and graduate attributes	[View Document](#)
Link for additional information	[View Document](#)

2.6.2

Incremental performance in Pass percentage of final year students during last five years

Response: 88.54

2.6.2.1 Number of final year students of all the programmes, who qualified in the university examinations in each of the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
693	625	460	515	442

2.6.2.2 Number of final year students of all the programmes, who appeared for the examinations in each of the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
720	654	500	570	523

File Description	Document
Trend analysis in graphic form (Refer annexure 02 of SOP)	[View Document](#)
List of Programmes and the number of students appeared and the number of students passed in the final year examination each year for the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Annual reports of examination results as placed before BOM/ Syndicate/ Governing Council for the last five years	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.77

File Description	Document
Institutional data in prescribed format	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

The institution has a well defined Research promotion policy and the same is uploaded on the institutional website

Response:

Introduction

The university has a well-defined Research Promotion Policy according to the UGC norms. The policy establishes the research ecosystem and framework within which academic staff, research scholars, postgraduates and undergraduate students, organizations and research institutions partner to conduct research. University provides intellectually inspiring, academically challenging and supportive environment conducive to personal growth by engaging in innovative and leading-edge research within and across disciplines.

MGUMST ensures that the highest norms and standards of an intellectual activity are embraced in research. It is governed by policies and procedures that include, but it is not limited to standards of conduct; conflict of interest and commitment; intellectual property; sponsored research etc. Any kind of information, facility, guidance and knowledge which is used in the form of training/seminar, outreach/extension program, basic research or human clinical research is guided by the Research Promotion Policy. Visibility and dissemination of the information as per the policy document is done by providing a copy of the research policy, continuous updates of the same on website, and providing a copy of the policy in all constituent college offices.

It covers all aspects related to varied areas like research planning; generation and utilization of funding resources for research; extra-mural & intra-mural grants including conference grants, material grants, travel grant; study leaves; awards; career and salary incentives and bonuses.

The policy encourages dissemination of research output through quality publications in reputed journals, presentations in International and national conferences, as well as generation of Intellectual property with potential for commercialization.

The Board of Research is the main proactive body that controls the overall functioning of research work through various constituent committees. Through effective modus operandi of Board of Research, it monitors and provides information about research work in the campus; guides and encourages the individual research work and subsequent grants and awards.

Impact and Research Outcome

In the last five years more than 1500 articles have been published in scientific journals. Total contributions in book more than 85 have been initiated. This has steadily increased over the last few years due to the policies of Board of Research.

Publication of Journal of MGUMST since 2016 which is indexed in Index Copernicus, J Gate, I2OR, PORTICO.

More than 75 collaborations with Govt and Non-Govt agencies like WHO, ICMR, Govt of Rajasthan for COVID Hospital, Heart and Lung Transplant Centre.

The number of research projects funded by the government and Non government increased to more than 60 for the last 5 years generation of more than Rs.13 crore of grants.

More than 60 faculty members achieved external fellowships, 85 projects sanctioned intra-mural grants, more than 400 faculty members provided with travel/conference grants in recent years reflecting the developing increasing the research acumen culture in the university.

The innovation policies of MGUMST have encouraged 68 copyright & patent filings and 13 start-ups in the recent years.

The Institute encourages faculty members and students to undertake research, leading to improvement in the quality of life, People around them. It focuses on national, state and local community development that has socially useful outcome.

File Description	Document
Minutes of the meetings of Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
Document on Research promotion policy	View Document
Link for additional information	View Document

3.1.2

The institution provides seed money to its teachers for research (average per year)

Response: 15.93

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years(INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
7.71	7.32	51.31	10.29	3.03

File Description	Document
Minutes of meetings of the relevant bodies of the University	[View Document](#)
List of teachers receiving seed money and details of seed money received	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized (Refer annexure number -01)	[View Document](#)
Link for additional information	[View Document](#)

3.1.3

Average Percentage of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research participation in Indian and Overseas Institutions during the last five years

Response: 11.15

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

2022-23	2021-22	2020-21	2019-20	2018-19
122	58	23	56	34

File Description	Document
List of teachers and their national/international fellowship details	[View Document](#)
Certified e-copies of the award / recognition letters of the teachers	[View Document](#)
Link for additional information	[View Document](#)

3.1.4

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years

Response: 218

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
68	71	39	20	20

File Description	Document
Registration and guide / mentor allocation by the institution	[View Document](#)
List of research fellows and their fellowship details	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E copies of fellowship award letters	[View Document](#)

3.1.5

University has the following facilities

1. **Central Research Laboratory / Central Research Facility**
2. **Animal House/ Medicinal Plant Garden / Museum**
3. **Media laboratory/Business Lab/e-resource Studios**
4. **Research/Statistical Databases/Health Informatics**
5. **Clinical Trial Centre**

Response: Any three of the above

File Description	Document
List of facilities available in the university and their year of establishment	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Videos and geo-tagged photographs	[View Document](#)
Link for additional information	[View Document](#)

3.1.6

Percentage of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI,

AICTE, AYUSH, NACO, WHO*, NIH etc. and other similar recognitions by national and international agencies,* (excluding mandatory recognitions by Regulatory Councils for UG /PG programmes)

Response: 100

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

2022-23	2021-22	2020-21	2019-20	2018-19
71	66	63	52	49

3.1.6.2 Number of departments offering academic programmes year - wise during last five years.

2022-23	2021-22	2020-21	2019-20	2018-19
71	66	63	52	49

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-version of departmental recognition award letters	[View Document](#)
Details of the departments offering academic programmes certified by the head of the Institution /University	[View Document](#)

3.2 Resource Mobilization for Research

3.2.1

Total Grants for research projects / clinical trials sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc., in the Institution during the last five years

Response: 272

3.2.1.1 Grants for research projects sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs in the institution year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
69	197	2	2	2

File Description	Document
Institutional data in prescribed format	[View Document]
e-copies of the grant award letters for research projects sponsored by non-government organizations	[View Document]
e-copies of grants awarded for clinical trials	[View Document]

3.2.2

Grants for research projects/clinical research project sponsored by the government funding agencies during the last five years

Response: 998

3.2.2.1 Grants for research projects/clinical trials sponsored by government sources year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
580	11	12	294	101

File Description	Document
Institutional data in prescribed format	[View Document]
E-copies of the grant award letters for research projects sponsored by government agencies	[View Document]
Link for additional information	[View Document]

3.2.3

Ratio of research projects/clinical trials per teacher funded by government/industries and non-government agencies during the last five years.

Response: 0.09

3.2.3.1 Number of research projects/clinical trials funded by government/industries and non-government

agencies year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
14	22	4	4	1

File Description	Document
Supporting document/s from Funding Agencies	View Document
Institutional data in prescribed format	View Document
Copy of the letter indicating the sanction of research project funded by govt./non-govt agency and industry including details of name of teacher and amount in INR	View Document

3.3 Innovation Ecosystem

3.3.1

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

Response:

Introduction

MGUMST encourages research and cultivates a strong base for a research oriented culture. It provides resources, facilities, and assistance to researchers for developing research programs. It also provides support and encouragement for newer inventions, designs, patents, copyrights, and trademarks.

Institutional Innovation Council (IIC) of Mahatma Gandhi University of Medical Sciences and Technology, Jaipur (IIC-MGUMST) was setup under the scheme of Ministry of Education to form setup Institutional Innovation Council in higher education institute (HEIs). To develop this culture IIC-MGUMST regularly conducts sessions on innovations, start-ups and entrepreneurship. The primary mandate of IIC-MGUMST is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. IIC-MGUMST puts in concerted efforts to encourage students and faculty to develop innovations and start-ups that can solve health related problems especially in India.

The IPR (Intellectual Property Rights) Cell implements and monitors stated Intellectual Property Rights (IPR) & Consultancy policy of MGUMST. It endeavors to facilitate the protection and upliftment of intellectual property generated during the scientific pursuit (of knowledge/ resource) in the university and offers scope for ingenuity and commercialization. More than 1000 such programs on IPR and related topics have been conducted in last 5 years. This cell also promotes patent & copyrights filings which

have increased to more than 60 in last five years.

IIP (Institute-Industry Partnership) Cell has the specific task of formulation of strategic partnerships between the university and associated industry. This is accomplished by training programs, capacity-building workshops and also by industry internships. The entrepreneurship skills of students and faculty members are also enhanced by various programs of this cell. In the recent years, 10 or more programs have been conducted on Industry partnerships and entrepreneurship skills with more than 70 collaborative programs.

R & D (Research & Development) Cell has specifically been tasked to identify & inititate research in MGUMST. More than 85 intramural grants have been issued for enhancing research in MGUMST. This cell also provides collabortive efforts by government and non government and promoting advanced studies by providing seed money and financial grants.

MGUMST facilitates the students to present their ideas for discussion with peers and their staff members. The university promotes the constituent colleges and its units to actively organize conventions, conferences and workshops in campus to promote entrepreneurship and leadership skills in the students and faculty.

Taking the concept of innovation and good clinical practice to a notch further, the MG hospital prides itself of conducting Rajasthan's first cadaveric kidney transplant, inclusion of this Hospital as COVID Centre for treatment and its subsequent research, Telemedicine projects with the Govt. of Rajasthan and various linkages with renowned societies all over India and abroad are also being carried out by the university.

Sri Ram Cancer Hospital, a unit of MGUMST is one of the most comprehensive cancer care centres in Rajasthan providing access to all the latest cancer therapies, research and technology including prevention, screening, diagnosis and treatment to rehabilitation and supportive/palliative care.

File Description	Document
Any additional information	[View Document](#)
Geo-tag the facilities and innovations made	[View Document](#)
Link for additional information	[View Document](#)

3.3.2

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

Response:

Introduction

MGUMST constantly promotes activities for strengthening students and faculty members in terms of IPR, Research Methodology, Good Clinical Practice, Industry Academia Partnership, Lab Collection Practice, Biostatistics, Research Grant Writing, and other activities since its inception.

The university has an **Innovation Cell** which promotes new ideas and innovations via startups. **Intellectual Property Rights (IPR) Cell** looks after the protection and upliftment of intellectual property in the university. **The Industry-Institute Partnership (IIP) Cell** helps create awareness about Entrepreneurship pursuits amongst student community and actively pursue the Industry- Institute partnership agendas. **The R&D (Research & Development) Cell** provides intramural grants for research and advanced studies..

Good Clinical Practice (GCP) is an international ethical and scientific quality standard for the design, conduct, performance, and monitoring, auditing, recording, analyses and reporting of clinical trials. More than 15000 participants has taken advantage of more than 500 workshops including Regional anesthesia, Cadaveric Skull Base and Temporal Bone Dissection, USG Guided Nerve Block, Pediatric Gastro CME, Current Concept in Mechanical Ventilation, BLS/ACLS Course, Pediatric Gastro Intervention, Cadaveric Thyroid Surgery Dissection Workshop, Medical consideration in dental practice, Management of common oral disorders, Dermato-surgery workshop, Otology Surgical Workshop, Update on Mechanical Ventilation, Basic Life Support and COLS, and other workshops as well as seminars by different departments which have been conducted on Good clinical practice.

Research methodology is the specific procedure or technique used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability. Each year our institution conducts more than 50 seminars through different departments on research methodology for the benefit of the students & faculty members. Various research methodology workshops have also been organized which allows maximum participants to know the intrinsic details of the topic.

Intellectual Property Rights form an important pillar for research in any institution. The university implements the policy and programs regarding the same through IPR cell. In the recent years more than 5 programs giving the benefit to more than 1000 participants have been successfully conducted by the institute including program by various government bodies like NIPAM.

The Industry-Academia Partnership is an association that fosters R&D and innovation by bringing together industry and university partners in pursuit of timely themes in applications and infrastructure. Various programs with more than 500 participants have been conducted by the institute in collaboration with various industries for the betterment and upliftment of the institute and the participants.

Lab Collection Practice: Laboratory tests contribute vital information about a patient's health. Correct diagnostic and therapeutic decisions rely, in part, on the accuracy of test results. Adequate patient preparation, specimen collection, and specimen handling are essential prerequisites for accurate test results. The accuracy of test results is dependent on the integrity of specimens. Various seminars and workshops pertaining to various collection methods have been organised for the more than 500 participants to get a hold on the topic including NABH and NABL Training Programs.

File Description	Document
Link for list of workshops/seminars on the above during the last 5 years	[View Document](#)
Link of the reports of the events	[View Document](#)
Link for additional information	[View Document](#)

3.3.3

Total number of awards / recognitions received for innovation / discoveries by the institution/teachers/research scholars/students during the last five years

Response: 79

3.3.3.1 Number of awards/recognitions received by the Institution/teachers/research scholars/students year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
45	21	2	4	7

File Description	Document
List of teachers who have received awards and recognition for innovation and discoveries	[View Document](#)
List of teachers and details of the national/international fellowships awarded	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E-Copies of award letters (scanned or soft copy) for innovations with details of the awardee the and awarding agency	[View Document](#)
Link for additional information	[View Document](#)

3.3.4

Number of start-ups incubated on campus during the last five years

Response: 13

3.3.4.1 Total number of start-ups incubated on campus year-wise during the last five years (a startup to be counted only once)

2022-23	2021-22	2020-21	2019-20	2018-19
5	4	3	1	0

File Description	Document
Registration letter	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Contact details of the promoters	[View Document](#)
Certified e- sanction order for the start-ups on campus	[View Document](#)

3.4 Research Publications and Awards

3.4.1

The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following:

1. **Research methodology with course on research ethics**
2. **Ethics committee**
3. **Plagiarism check**
4. **Committe on Publication guidelines**

Response: All of the above

File Description	Document
Minutes of meetings of the relevant committees with reference to the code of ethics	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional code of Ethics document	[View Document](#)
Institutional code of ethics document	[View Document](#)
Details of committee on publication guidelines	[View Document](#)
Course content of research ethics and details of members of ethical committee	[View Document](#)
Copy of software procurement for plagiarism check	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.4.2

The Institution provides incentives for teachers who receive state, national or international recognitions/awards..

Option

1. Career Advancement
2. Salary increment
3. Recognition by Institutional website notification
4.Commendation certificate with cash award

Response: A. All of the above

File Description	Document
Snapshots of recognition of notification in the HEI's website	[View Document](#)
Policy on salary increment for the awardees	[View Document](#)
Policy on Career advancement for the awardees	[View Document](#)
List of the awardees and list of awarding agencies and year with contact details for the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of commendation certificate and receipt of cash award	[View Document](#)
Link for additional information	[View Document](#)
Incentive details (link to the appropriate details on the Institutional website)	[View Document](#)

3.4.3

Total number of Patents/ Copyrights published/awarded/technology-transferred during the last five years..

Response: 46

3.4.3.1 Number of Patents/ Copyrights published/awarded/ technology-transferred year-wise during the last five years..

2022-23	2021-22	2020-21	2019-20	2018-19
27	12	6	1	0

File Description	Document
Technology transfer document	[View Document](#)
List of patents/Copyrights and the year they were published/awarded	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Certified E- copies of the letters of award/ publications (consolidated statements by the head of the institution)	[View Document](#)

3.4.4

Average number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines received per recognized PG teacher of the Institution during the last five years.

Response: 1.45

3.4.4.1 Number of Ph.D.s /DM/M Ch/PG degree in the respective disciplines awarded per recognized PG teacher of the Institution year-wise during the last five years.

2022-23	2021-22	2020-21	2019-20	2018-19
139	149	112	90	109

3.4.4.2 Number of PG teachers recognized as guides by the Regulatory Bodies / Universities during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
71	83	81	85	94

File Description	Document
Recognition letters by the University as eligible teachers to guide Ph D / DM / M Ch students	[View Document](#)
List of PhD / DM / M Ch candidates with details like name of the guide, title of the thesis, year of award, award letter etc	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for research page in the institutional website	[View Document](#)

3.4.5

Average Number of research papers per teacher in the approved list of Journals in Scopus / Web of Science/ PubMed during the last five calendar years

Response: 1.4

File Description	Document
Names of the indexing databases	[View Document](#)
Institutional Data in prescribed format	[View Document](#)
Any other relevant information	[View Document](#)

3.4.6

Average Number of research papers per teacher in the approved list of Journals notified in UGC-CARE list during the last five calendar years

Response: 0

File Description	Document
Names of the indexing databases	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.4.7

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

Response: 0.04

File Description	Document
List of names of publishers : National/ International	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.4.8

Bibliometrics of the publications during the last five calendar years based on average Citation Index in Scopus/ Web of Science

Response: 59.66

File Description	Document
List of the publications during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.4.9

Provide Scopus/ Web of Science – h-index of the Institution for the last 5 calendar years.

Response: 35

File Description	Document
Institutional data in prescribed format	[View Document](#)
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View Document](#)
Any other relevant information	[View Document](#)

3.5 Consultancy

3.5.1

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

Response:

Introduction

Mahatma Gandhi University of Medical Science and Technology (MGUMST) regularly promotes activities for strengthening students and faculty members in terms of contemporary and stated Intellectual Property Rights (IPR) policy and consultancy policy. Our mission is to develop a "dynamic, independent medical institution dedicated to provide high quality medical education & world class health services to the community".

The contemporary and stated Intellectual Property Rights (IPR) policy of Mahatma Gandhi University of Medical Science and Technology (MGUMST) endeavors to facilitate the protection and upliftment of intellectual property generated during the scientific pursuit (of knowledge/ resource) in the university and offer scope for ingenuity and commercialization. It targets the provision of unbiased intercession between the various interests involved. Consultancy is an effective way for a university to disseminate knowledge and make an early and direct impact on society.

In recent times where there is a continuous change in the field of research, measures should be undertaken and resources be expanded on the same. In the same line, MGUMST has adopted Policy on Intellectual Property Rights. The Policy deals with the ownership, protection, process of application for the protection of the IP (National as well as International), safe guarding the rights avoiding commercial exploitation of the Intellectual property created by the researchers of the University. This document sets in place certain rules of the University for the Co-operation with the third parties, industrial and business organizations and provides guidelines on the sharing of the economic benefits arising from the commercialization of the Intellectual Property.

IPR Policy- Sets in place the rules for the preservation of rights of intellectual property such patents, copyrights and guides the participants through legal procedures safeguarding their knowledge and efforts put into the envisioned patents and copyrights.

Consultancy Policy- This policy envisages providing the facts required to undertake consultancy work in harmony with the university's approved procedures. Consultancy is work of a proficient nature, undertaken by university staff in their field of proficiency, for clients outside the institution, for which some financial return is provided. Unlike research, it does not have a prime purpose of generation of new knowledge.

Following are few of the benefits provided by Mahatma Gandhi University of Medical Science and Technology (MGUMST) as a result of the Institutional policy on Intellectual Property Rights (IPR) and Consultancy:

- Provides exclusive rights to the creators or inventors. Helps in social as well as financial development.
- It also encourages individuals to distribute and share information and data instead of keeping it confidential.
- Provides legal defense and offers the creators or inventors the incentive of their work.
- It also provides active staff participation in consultancies that bring opportunities and benefits to the University, its staff and its clients.

Approximately 189 training / capacity building programs have been conducted during the last 5 years giving benefit to more than 3000 students. Any intellectual property arising from Research and Non-Research consultancies is governed by the IPR Policy of MGUMST.

File Description	Document
Any additional information	[View Document](#)
Link to the soft copy of the IPR and Consultancy Policy	[View Document](#)
Link of the Minutes of the Governing Council/ Syndicate/Board of Management related to IPR and consultancy policy	[View Document](#)
Link for additional information	[View Document](#)
List of the training / capacity building programmes conducted during the last 5 years.	[View Document](#)

3.5.2

Revenue generated from advisory / R&D /consultancy projects (exclude patients consultancy) including Clinical trials during the last five years

Response: 315

3.5.2.1 Amount generated from consultancy year-wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
78	37	3	119	78

File Description	Document
List of consultants and details of revenue generated by them	[View Document](#)
Institutional data in prescribed format	[View Document](#)
CA certified copy/Finance Officer Certified copy attested by head of the institute (Refer annexure number -01)	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy / clinical trials	[View Document](#)

3.6 Extension Activities

3.6.1

Extension and outreach activities such as community Health Education, Community health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, community, Government and non- Government Organizations engaging NSS/NCC/Red cross/YRC, institutional clubs etc., during the last five years

Response: 656

3.6.1.1 Number of extension and outreach activities conducted in collaboration with industry, community Government and Non-Government Organisations engaging NSS/NCC/Red cross/YRC, institutional clubs etc., year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
225	153	32	116	130

File Description	Document
Reports of the events organized	[View Document](#)
Photographs or any supporting document in relevance	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geo-tagged photographs of events / activities	[View Document](#)
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated	[View Document](#)
Description of participation by NSS/NCC/Red cross/YRC, Institutional clubs etc., year-wise for the last 5 years	[View Document](#)

3.6.2

Average percentage of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1

Response: 51.02

3.6.2.1 Number of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1, year-wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2934	3877	282	918	364

File Description	Document
Reports of the events organized	[View Document](#)
Geo tagged Photos of events and activities	[View Document](#)
Any additional information	[View Document](#)

3.6.3

Number of awards and recognition received for extension and outreach activities from Government / other recognised bodies during the last five years

Response:

Introduction

The mission of MGUMST has always been to develop a 'Dynamic, independent medical institution dedicated to provide high quality medical education & world class health services to the community'. The patients are treated without any discrimination based on race, color, sex, non-disqualifying disability, religion, creed or caste and national or ethnic origin. The university aims at laying down a strong foundation for the best medical professionals in the country who are morally strong and have a highly dedicated work culture.

The medical fraternity here seeks to minimize human misery using modern medical systems. The teaching hospital institute provides outstanding and affordable medical care in a patient friendly environment in the spirit of compassion for all, regardless of race, caste, religion or economic condition. The institution provides support and encourages the various innovations and innovative ideas in the treatment of patients of using new drug combinations and newer treatment procedures.

The hard work of the staff and students of the university has brought a huge honor to the university in the form of several awards from various government and non-government agencies. More than 75 awards have been given to faculty and the institution over the last few years for the community services rendered. Some of the notable achievements were Prof. Best Private Medical College (Team); Best Oncology Centre (Team); Best Kidney Transplant Centre (Team); Excellence in Endocrine and Lap Surgery to Dr. M C Misra; Excellence in CTVS and Heart Tx to Dr. Balram Airan; Excellence in Endoscopic and Microscopic Neuro Spine Surgery to Dr. Pankaj Gupta; Excellence in Endocrinology to Dr. Rajeev Kasliwal in 2018; Dr. G.N. Saxena, Dr. Subhash Nepaliya, Dr. Hemant Malhotra were awarded by Legendry Awards, Multi Super Specialty Hospital of the Year, in 2019; Dr Vikas Swarankar, Chairperson, MGUMST, was awarded as the Healthcare Personality of the Year, Best COVID Care Hospital in Rajasthan, AHPI Award for Outstanding Teaching Hospital in 2020. AHPI Award for Excellence in Covid Management in 2021, 1st Rank in Swachh Sarvekshan - 2023, Contribution towards society in COVID, Patient Friendly Hospital, COVID-19 Pandemic Award, Excellence in Community Engagement, Dental camp appreciation, Health & Wellness Excellence Awards 2020, AHPI Award 2020, Promising India RAJMEDICON, 1st Rank in Swachh Sarvekshan - 2023, Contribution towards society in COVID.

It is an honor for our university to receive these appreciations from various agencies. These awards have encouraged us to perform better and better with time to provide best treatment facilities for everyone who seeks it.

File Description	Document
Any additional information	View Document
Link for number of awards for extension activities in the last 5 years- e-copy of the award letters	View Document
Link for list of Government/other recognized bodies that have given the awards	View Document

3.6.4

Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years

Response:

Introduction

Mahatma Gandhi University of Medical Science and Technology (MGUMST) constantly promote activities for strengthening students and faculty in terms of Social Responsibilities towards neighborhood contributing to the holistic development of students and the society. Our mission is to develop a "dynamic, independent medical institution dedicated to provide high quality medical education & world class health services to the community".

Various programs, activities, orientations have been undertaken to familiarize the faculty and students via lectures and programs regarding Institutional Social Responsibilities and community outreach. The constituent colleges of the University undertakes special camps and programs to provide community oriented medical care to bring aid and health care directly to the rural poor, marginalized and needy, especially in un-served and under-served region with agencies like temples, clubs and various NGOs.

Mahatma Gandhi University of Medical Science and Technology promotes schemes that are implemented by the state government like subsidized treatments or free medicine distribution to all the poor and needy people, Jannani Suraksha Yojana, etc. benefitting thousands of patients. MGUMST promotes and undertakes special program implementation/awareness drives like Health Talks on AIDS Day, Asthma Day, Epilepsy Day, Blood Donation Day, No Tobacco Day, etc. Many social celebrations have been done over the last few years including participation in Yoga Day, Swachha Bharat Abhiyan etc.

In the last five years around 600 camps and community programs with participation of more than 11,000

students and more than 800 faculty members have been conducted regarding institutional social responsibility activities in the neighborhood community.

MGUMST had been chosen as the first private COVID-19 center by the state government in this pandemic. There were very comprehensive and sustained efforts by the team of highly qualified and dedicated healthcare personnel over the past more than 1 year. The hospital not only provided investigative services to more than 25,000 patients but also provided treatment to more than 2 lakhs patients with one of the most comprehensive and complete protocols for Covid 19 management including isolation and ambulance services.

There were numerous personal and collaborative donations varying form food items, money etc. to rural poor, marginalized and needy, especially in un-served and under-served region. Some of the notable donations were, Food Donations during corona pandemic by our university; Donations for procuring grass and animal feed; Donations towards Rajasthan CMRF Covid-19 Mitigation Fund; Donation to PM care fund; Free home care consultancy; Concession waivers for deceased; Concession waivers to needy persons, Concession waivers to staff and subsidized Covid testing were few of the notable social commitments in which the university has spent more than INR 30 crores over last 5 years.

Thus, the university aims at laying down a strong foundation for the best medical professionals in the country who are morally strong and have a highly dedicated work culture and will be continuing various institutional social responsibility activities in the neighborhood community in terms of education, environmental issues, health and hygiene awareness, delivery of free / subsidized health care and socio-economic development issues.

File Description	Document
Link for additional information	View Document
Links for Geo-tagged photographs of Institutional social responsibility activities (Refer annexure number -01 as per SOP)	View Document

3.7 Collaboration

3.7.1

Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc per year

Response: 22.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
19	16	37	18	21

File Description	Document
Institutional data in prescribed format	[View Document](#)
Certified Copies of collaboration documents	[View Document](#)
Any additional information	[View Document](#)
Link with collaborating Institutional website	[View Document](#)

3.7.2

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

Response: 64

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

Response: 64

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copies of the functional MoUs with Indicating the start date and completion date	[View Document](#)
e-copies of linkage-related Documents	[View Document](#)
Link for additional information	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The institution has adequate physical facilities for teaching – learning, skills acquisition etc

Response:

Mahatma Gandhi University of Medical Sciences & Technology is located in RIICO Institutional Area Sitapura, Jaipur. Its constituent units are Mahatma Gandhi Medical College & Hospital, Mahatma Gandhi Dental College, Mahatma Gandhi Nursing College, Mahatma Gandhi Physiotherapy College, Mahatma Gandhi Occupational Therapy, Mahatma Gandhi College of Hospital Administration, Mahatma Gandhi Institute of Health Informatics, Mahatma Gandhi Institute of Allied Health Sciences. All the constituent units of MGUMST have State of Art infrastructure & physical facilities as per the norms of respective Statutory Councils/ regulatory bodies.

Teaching Learning Resources:

The physical infrastructure at MGUMST is well equipped with necessary Teaching –Learning facilities. There are adequate number of classrooms (including ICT enabled classrooms), Lecture Theaters, Demonstration rooms, Seminar rooms, facilities for clinical learning, etc.

Lecture Theatres:

MGUMST has spacious, well-furnished and air-conditioned lecture halls that provide the most conducive atmosphere for dynamic and focused discussions as well as create the right atmosphere for long hours of learning.

There are has three modern lecture theatres which are equipped with LCD with automatic screen, rear LCD TV projection, smart board, digital smart podium, JBL sound system and sound proof. The Lecture Theatre also has the facility for online lectures. All classrooms, demonstration rooms, seminar halls and bed side teaching rooms are well-furnished and ventilated with all the required facilities.

Facilities like LAN/Wi-Fi, LCD, Smart Board, white Boards and sound system are used regularly. The ICT enabled classrooms and learning spaces are available in individual constituent colleges with additional portable facilities to enhance mobility, multiple interaction modes and collaboration. They are optimally utilized not only for routine teaching-learning activities but also for conducting webinars & video conferencing.

These physical learning spaces are expanded with wireless connection to access online resources.

Facilities for Clinical learning:

Mahatma Gandhi Hospital is NABH accredited.

OPD services with adequate patients for clinical learning are available in all specialties & super

specialties.

Sri Ram Cancer and Super-specialty Hospital provides excellent Super-specialty exposure to students for clinical learning.

There are 1450 beds for bed side clinical teaching- learning, with adequate number of bed side teaching rooms in hospitals. The hospitals have well equipped modular surgical suites for minor and complex surgeries & students get opportunities to learn various types of surgeries.

Community Learning:

The Department of Community Medicine provides exposure to medical students to the community setting by adopting family in rural areas. It also organizes educational visits to different public health departments & social institutes like Primary Health Centre, Sub Centres, ICTC Centre, DOTS Centre, Dairy, Malaria Office, Defluridation Plant, Kushtha Asharam, PHED, Aganwadi, Sewage Plant. RHTC Vatika and UHTC Pratap Nagar.

Government of Rajasthan permitted students of MGUMST to visit Govt. PHC (Vatika, Bilwa, Padampura), CHC Sanganer This enables students to engage in learning comprehensive social development in the rural settings.

AYUSH-related learning cum therapy center:

Department of Wellness Naturopathy and Yoga is a holistic health center at MGUMST campus, having unique facility for prevention, rehabilitation & cure of lifestyle diseases by integrated therapies of Naturopathy, Yoga and Ayurveda.

Many patients have been benefitted by these integrated therapies. There is a dedicated OPD service of Wellness Naturopathy and Yoga. Department organizes several camps in community area and approximately 12700 persons are benefited from these activities.

Department provide facility of AYUSH KADHA for the patients and all the staff members during COVID 19 period.

Laboratories:

There are 58 practical and research laboratories. All student practical laboratories are with accommodation facilities as per guidelines issued by respective statutory council. A spacious laboratory in the concerning college caters to the undergraduate academic requirements. Each student Practical laboratory is well equipped with required instruments, equipment, mannequins, working tables well arranged with all the chemicals & reagents as per the guidelines issued by respective statutory council.

Museum

Various departments of colleges of MGUMST have excellent museums with a vast collection of different specimens, charts, models, etc. contributing immensely to undergraduate and postgraduate teaching-learning. The medical students are encouraged to visit the museum on a regular basis.

Dissection Hall

The Dissection Hall of Anatomy is well spacious, fully air-conditioned with adequate light sources to accommodate 250 students. Sufficient quantity of cadaver storage, cold storage, cadaver preparations & bones etc. is available for the students at the dissection hall. Unique feature of dissection hall is Virtual Anatomy Cadaver Dissection Table to enhance the learning experience of the students. There is a section on comparative anatomy, where a large collection of animals and their skeletons, bones are displayed. For a practical training, there are adequate number of cadavers, museum specimens, models & Histology slides.

Central Lab Hospital

The Hospital has a fully developed central diagnostic laboratory (NABL accredited).

Facilities

The Diagnostic Lab runs 24x7 for 365 days including Sundays and National holidays.

Quality

Fully automated laboratory with latest equipment, standard imported reagents provide par excellence quality services to the community. The central lab is committed to ensure quality services and has a robust quality assurance program including internal quality control & external quality assurance.

Following areas are covered under Central Diagnostic services:

Clinical Biochemistry Services including Hormonal Assays Clinical Pathology Services including Histopathology Clinical Microbiology services including Immunoassays

All the pathological, biochemical and microbiological investigations are done. Advanced investigations like Genetic Testing and Molecular Diagnostics for infectious diseases are also performed by Molecular (Genetics) Laboratory in the university.

Skill Lab

A fully equipped state of the art Skill Lab with seven simulation rooms with complete Information Communication Technology (ICT) facilities like Projector, screen, computer with CPU, etc. is utilized to impart practical knowledge to the students in various subjects.

Skill Lab is equipped with high fidelity, medium fidelity, low fidelity mannequins and many more simulators (Laerdal), which helps the students in good practical learning. High end product camera with audio /visual facility is also installed for Lecture (Demonstration) capture and broad casting. There are separate briefing and debriefing area with LCD projector.

File Description	Document
Any additional information	[View Document](#)
Links for teaching- learning and skills acquisition facilities in the Institution	[View Document](#)
Links for Geotagged photographs of the facilities	[View Document](#)
Link for additional information	[View Document](#)

4.1.2

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

Response:

MGUMST has adequate facilities to support physical and recreational requirements of students and staff. The facilities include:

Auditorium

R.L Swarankar auditorium is a well-furnished, air-conditioned auditorium with adequate seating capacity of 900 equipped with latest LCD projector and audio systems along with access to internet. It contains multi-media equipment, high-tech lighting, and a high quality sound system, including recording capability.

Conference Room

There are sufficient number of conference rooms with adequate sitting capacity in the University.

Common rooms

There is common room facility for students for boys and girls. Separate 5 common rooms for post graduate students are available in dental college. Separate common room with all the facilities are also provided in each hostel of the university.

Adequate places for sports and games (indoor and outdoor games)

University has outdoor games facility for Volleyball, Tennis, Basket Ball, Badminton, Kabaddi and Kho-Kho and indoor games facility for Table Tennis, Carrom board and chess.

Gymnasium

University has gymnasium facility. Gymnasium is equipped with all modern equipments like multi gym, butterfly, leg press machine, smith machine with counter balance, twister back S and R stand abdominal,

Gym cycles, cross trainer elliptical exercises cycle, treadmills, body vibration fitness bench, sports multipurpose bench, home 44m exercise machine and dumbbell.

Wellness Naturopathy & Yoga Centre Facility

Department of Wellness Naturopathy and Yoga is a holistic health center at MGUMST campus, having unique facility for prevention, rehabilitation & cure of lifestyle diseases by integrated therapies of Naturopathy, Yoga and Ayurveda.

Cultural Activities

University organizes cultural programs annually in the memory of Founder Trustee, India Education Trust (Sponsoring Body of the University) Late Shri Ramji Lal Swarankar for the students and staff based on Indian Ethos, Art & Culture and Epics of India since last 20 years in which Artists of International and National repute are invited to perform like Padma Vibhushan Sangeet Martand Pt. Jasraj Ji, Padma Vibhushan Pt. Hari Prasad Chaurasia and others.

The students and faculty members of all constituent colleges of the University celebrate festivels like Holi, Dewali, Eid, Christmas, Baisakhi, Lohari etc.

File Description	Document
Link for additional information	View Document
Links for Available sports and cultural facilities : geotagging	View Document

4.1.3

Availability and adequacy of general campus facilities and overall ambience

Response:

MGUMST campus runs an adequate number of campus facilities required to support its students and staff members. The facilities and the overall ambience makes the environment of the campus conducive for teaching-learning as well as extra/co-curricular activities, security of its residents and visitors, and provides help for some of the routine works of day to day life. The campus facilities include hostels, medical facilities, and toilets, bank (ATMs), etc. The campus is having a good green cover with thousands of different varieties of trees adding to the soothing and healthy ambience. A number of green initiatives adds to the sustainability of the campus like solar energy, rain water harvesting, bio gas plant, sewage treatment plant, etc. Signage and topographical maps are available at all required points throughout the campus for proper information and directions. The campus is well secured through its security services and guards are employed throughout the campus. Also, the campus is secured with 24 hours CCTV surveillance. Fire extinguishers are installed. The University has disabled friendly barrier free environment.

Hostel facilities:

The university has separate hostel accommodation facility for boys and girls with ample number of rooms and enough space. The rooms are well furnished having all basic amenities along with attached toilets. Experienced hostel wardens are appointed in order to take good care of all the hostellers.

Medical Facilities

All type of General and Super-specialty medical facilities are available 24x7 in the university campus.

Wash Rooms

There are adequate number of wash rooms in the university. There are separate wash facilities for male, female and physically challenged.

Canteen Facilities for Students and Staff University has four canteens inside the campus that provides healthy and nutritious food and snacks for staff members, All the canteens have to have FSSI certificate for operating in the campus. (Burger Farm & Nothing Before Coffee).

Departmental Store & Stationary Mart

The campus has its own departmental store for day to day needs. Apart from this a stationery store is there to provide the students with their requirements.

Bank and ATM facilities:

Canara bank has a branch in the university campus providing all type of banking facilities to students and faculty members. There are two ATM in the campus operated by Canara bank and IDBI bank.

Green & Sustainable Initiatives

Solar plant Bio Gas Plant

Sewage Treatment Plant

Rain Water HarvestingPlant

RO (Reverse osmosis) Water Purifiers Plant

Greenery & Park

All the avenues and roads within the University are adorned with tall trees bearing green leaves and beautiful flowers to create a homogenous feeling amongst everyone within the campus. Park facility is available in the campus, recreation facilities is available for children.

Day care Facility & Transport

Day Care facility is available for children of MGUMST employees. The University provides transport

facility to the students, faculty members, wards of employees.

File Description	Document
Link for additional information	View Document
Link for Photographs/ Geo-tagging of Campus facilities	View Document

4.1.4

Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

Response: 3249772.93

4.1.4.1 *Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years* (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
9578.5	5608.24	6035.55	6032.52	7056.34

File Description	Document
Institutional data in prescribed format	View Document
Details of budget allocation excluding salary during the last five years	View Document
Audited report / utilization statements (highlight relevant items) (Refer annexure number -01)	View Document

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1

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

Response:

Hospitals of MGUMST have adequate equipments, laboratories and clinical teaching - learning facilities as per the norms of Regulatory Bodies.

Mahatma Gandhi Hospital is a NABH accredited 1450 bedded hospital providing basic specialty services like General Medicine, Pediatrics, Respiratory Medicine, Dermatology, Psychiatry, General Surgery, Orthopedics, Obstetrics & Gynecology, ENT, Ophthalmology, Family Medicine, Sports Medicine, Palliative Medicine, Traumatology & Surgery, Radiation Oncology, Physical Medicine & Rehabilitation Nuclear Medicine With Superspeciality like, Cardiology, Neurology, Nephrology, Endocrinology, Reproductive Medicine, Oncology, Gastroenterology, Cardiovascular Thoracic Surgery, Urology, Pediatric Surgery, Neurosurgery, Plastic surgery, GI Surgery, Onco Surgery, Radiation Oncology, Interventional Radiology, Emergency Medicine, Family Medicine, Palliative Medicine.

There are many speciality clinics, well equipped surgical modular suites for minor/complex surgeries in the hospital. More than 50000 major and more than 2.0 lakhs minor surgeries have been done in the hospital in last 5 years. The hospital has Central Sterile Service Departments, ICCU, ICU, Surgical ICU, PICU, NICU, Obstetric HDU/ICU & Other are well equipped with multi-para monitors, ventilators, defibrillators, central oxygen, suction, IABP and facility for dialysis inside ICU. There are 6 ECMO Facility also available.

Dialysis unit with total 30 machines, SLED Machine-2, CRRT Machine -1 functions round the clock. ART and ICTC center are in collaboration with NACO.

Pharmacy is open round the clock with generic drugs.

Mahatma Gandhi Hospital is registered with Director of Health Services, Govt. of Rajasthan for Renal transplant, Heart Transplant, Lung Transplant, Liver Transplant, Pancreas Transplant. Mahatma Gandhi Hospital has done 1927 Renal-transplants, 93 Liver Transplant, 1 Pancreas Transplant, 2 Heart Transplant successfully.

The center has performed North India First Heart Transplant and First-time Liver and Pancreas Transplant in State of Rajasthan. The center has performed 48 Bone Marrow transplants successfully.

Mortuary Facility available.

Radiology department is well equipped with all basic radiology services. There are 5 CT machines (20, 32 & 128 slice) one Computed Tomography BodyTom NL4000, O-arm and 2 MRI machines (1.5 & 3 Tesla,), Computerize Radiography System (C.R. System), Bone Densitometer (BMD), Mammography machines and two PET Scan.

Cath lab has 3 Philips FD machines.

The Dental Hospital has facilities to deliver state of the art and contemporary dental care.

The dental implantology division in the institution ranks as one of the best in the region. The department caters to all patients with edentulism as well as maxillofacial defects. It offers all types of dental implant therapy including zygomatic implants.

The Conservative Dentistry and Endodontics department delivers high end endodontic treatment using surgical microscope as well as using lasers.

The Oral and Maxillofacial department delivers all varieties of surgical care involving the maxillofacial

area related to trauma, tumours, orthognathic surgery and cleft lip and palate surgeries. It also delivers endoscopic assisted surgery of TMJ which is the only centre in the state doing so.

The Orthodontic department offers the latest treatment protocols for correction of malalignment of teeth and jaws including lingual orthodontics and Invisalign protocol

Department of Physiotherapy gives services for treatment & rehabilitation of the patients for patients with musculoskeletal, neurological, community and cardio pulmonary conditions with a well-equipped specialized OPD (Ortho, Neuro, cardio, community & sports).

Department is also running specialized sports physiotherapy unit.

Department of Occupation Therapy gives services for treatment & rehabilitation to Specially challenge patients.

Helping hand: a well-known Self-help groups is functional at hospital premises for needy and especially abled patients.

1. Sulabh Complex for patient attendant (Free of Cost).

2. Free food facility for patient's attendant by AKASHAY PATRA.

3. Double bunk bed and other facilities are provided for patient attendant.

Physiotherapy Outpatient Department has electrotherapy equipment like LASER, cycle ergometer, stepper, Short Wave Diathermy, IFT, Ultra sound Therapy, Mechanical Traction, Nerve Muscle Stimulator, TENS, Suspension Therapy Unit, Traid Meal, Crutches, Tilt Table Motorized, Swis Ball, CP Chair, Hydro Collateral Unit, Wax Bath Unit.

Laboratories in teaching hospitals:

Fully equipped NABL accredited labs with 24 hours services like Chemiluminescence Analyzer, Dry chemistry Analyzer (Vitros 5600) and BacT/Alert 3D 9050 for blood culture, VIDAS NSH (ELFA) Analyzer, Seven part & Five part cell counters.

 Molecular (Genetic Lab)

Mahatma Gandhi Hospital is the first private ICMR & NABL approved Molecular & RT –PCR Lab for the COVID-19 Testing in Rajasthan.

Our Genetic Diagnostic Lab also provide the following services: -

First trimester scan at 11-13 weeks of pregnancy Screening for chromosomal disorders in fetus

Prenatal invasive testing chorionic villous sampling and amniocentesis for confirmation of chromosomal disorder in fetus

Prenatal testing for genetic disorders in family like Thalassemia major, Spinal muscular atrophy,

Duchenne muscular Dystrophy etc.

Blood Centre is the first NABH accredited blood centre and is ranked first by National Blood Transfusion Council, Government of India among all the medical college-based blood centres in State of Rajasthan.

It has first state of art Transplant Immunology lab (NABL accredited) with facility of Luminex, Flow cytometer, Next Generation Sequencing (NGS) and has received appreciation for ABO Renal transplant and for cadaveric transplant HLA testing in State of Rajasthan.

We are actively participating in Hemovigilance Program of India (HvPI), Ministry of Health and family Welfare, Govt. of India with a dedicated hemovigilance Nurse.

Blood center is among 39 Institutes in India which has participated in the clinical trial of COVID-19 Convalescent plasma (CCP) therapy 'PLACID Trial' conducted by ICMR.

We established first Transplant Immunology lab with facility of Luminex and also received appreciation award for ABO Renal transplant in State of Rajasthan.

Clinical teaching-learning facilities-

There are adequate chambers for faculties, post graduate students along with separate demonstration rooms for clinical teaching. There are speciality clinics in OPDs along with clinical demonstration room where regular bed side teaching of the students are taken

File Description	Document
Links for The facilities as per the stipulations of the respective Regulatory Bodies with Geotagging	[View Document](#)
Link for additional information	[View Document](#)
Links for list of facilities available for patient care, teaching- learning and research with geotagged evidences	[View Document](#)

4.2.2

Describe the adequacy of both outpatients and inpatients in the teaching hospital during the last five years vis-à-vis the number of students trained and programmes offered (based on HIMS / EMR) within 500 words.

Response:

MGUMST offers 131 educational programs in different disciplines in all constituent colleges. More than 15,000 students undergo training in all the colleges while around 2700 students pass out after completing

their training every year.

The hospitals are equipped with state of the art diagnostic and therapeutic services and are giving efficient services to community.

Outpatient services are available daily from 9.00 am to 5.00 pm. Each OPD has separate cabins for faculty members & teaching rooms for clinical teaching-learning. Highly qualified, committed and competent doctors deliver patient care at most affordable rates. Daily OPDs average is 2070 patients per day.

Students posted in OPD get excellent exposure of patient management. There are Speciality OPDs run by each department which allow the students to get insight in special problems.

Mahatma Gandhi Physiotherapy College has separate OPD services in hospital.

There are 1450 beds for in patients in the hospital with speciality and superspeciality services for both out patient and inpatient care.

Bed side teaching and interactive sessions with the students takes place in various demonstration room attached to wards in each department Students learn various clinical and communication skills from well experienced teaching faculty members.

Active participation of post graduates in management of ward patients round the clock not only improves their clinical skills but also helps in refining professionalism.

The hospitals have well equipped surgical suites for minor and complex surgeries.

The hospital has ICCU, ICU, Surgical ICU, PICU, NICU, Obstetric HDU/ICU with 200 beds providing quality intensive care to critical patients. All the ICUs are well equipped with multi-para monitors, ventilators, defibrillators, central oxygen, suction, IABP and facility for dialysis inside ICU. The hands on training on management & care of critical patients is provided to the undergraduate and post graduate students.

Post graduate students get hands on training in bed side procedures.

Clinical experience is the core component of nursing education. The students are rotated in different inpatient and outpatient departments of the hospital under the supervision of their faculty. The various settings helps nursing students to assess patients, carry out clinical nursing procedures, assist in various Preventive/diagnostic/ therapeutic procedures, educate patients and their families.

 Apart from clinical competence, the post graduate nursing students also learn the organization of health and nursing services which enable them to learn planning, supervision, process of quality assurance and management of nursing workforce.

 Physiotherapy and Occupational Therapy is provided to patients in Out Patient Department (OPD) and In patients department (IPD). The Undergraduate and Postgraduate students of Physiotherapy and Occupational Therapy are posted in various departments to learn various Physiotherapy and Rehabilitative measures. Well experienced teaching faculty not only from Physiotherapy and

Occupational Therapy college but also faculties from various speciality and superspeciality departments provide hands on training to the students. The are provided with comprehensive clinical ranging from early detection, prevention of disabilities and management of wide range of disorders.

OPD & IPD statistics of last 5 years-

In the hospital, close to 7 to 8 lacs patients avail outpatient services while 90,000-95,000 patients are admitted every year.

HIMS software

The University as well as the hospital are equipped with Hospital Information Management Software for e governance. The University has got Microsoft NAV 2016 ERP software for better planning and development, administration, monitoring of the hospital and various constituent colleges.

File Description	Document
Link for additional information	[View Document](#)
Links for year-wise outpatient and inpatient statistics for the last 5 years	[View Document](#)
Links for description of adequacy of outpatient and inpatient statistics as per the norms of the Regulatory Bodies (critical documents to be verified by DVV)	[View Document](#)

4.2.3

Availability of infrastructure for community based learning

1. **Attached Satellite Primary Health Centers**
2. **Attached Rural Health Centers available for training of students**
3. **Attached Urban Health Centre for training of students**
4. **Residential facility for students / trainees at the above peripheral health centers / hospitals**

Response: All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Government Order on allotment/assignment of PHC to the institution	[View Document](#)
Geo-tagged photographs of Health Centers	[View Document](#)
Documents of resident facility	[View Document](#)
Any additional information	[View Document](#)
Link for any additional information	[View Document](#)

4.2.4

Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency?

A. NABH accreditation

B. NABL accreditation

C. International accreditation like JCI.,

D. ISO certification of departments /institution

E. GLP/GCLP accreditation.

Response: C. Any Three of the above

File Description	Document
Copies of Accreditation Certificate(s) duly certified	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

4.3 Library as a Learning Resource

4.3.1

Library is automated using Integrated Library Management System (ILMS)

Response:

The library is automated using the Integrated Library Management System (ILMS)

Library is automated by KOHA- Open-Source Software and users can get information from their place about resources availability in the library through Library Open Public Access Catalogue (OPAC) Web link: http://centrallibrary.mgumst.org:7001/

Library has the Membership of DELNET and many users take advantage through DELNET to fulfil their Resource Need.

The entire area is air-conditioned and well-lighted.

KOHA: An Integrated Library Management System (ILMS) is widely used open source library automation software acquired by the library in September 2018.

Name of the ILMS software	Nature of automation (Fully or partially)	Version	Year of automation
KOHA: open source Integrated Library management system (ILMS)	Fully Automated		2018
		22.05.15.000	
			OPAC
			Weblink
			http://centrallibrary.mgumst.org:7001/

Features of KOHA

- It is cost-effective Secure, compliant with Global open standards with word-wide acceptance & MARC-21 standards. No. Limitation of Data, users, fully web-based easy to learn-use-Administer. The system has in-built Z-39.5 Cataloguing server & OPAC with capability of creating dynamic web-portal
- Customizable item type
- Barcode/RFID
- User management
- Metadata
- Automated overdue notice
- Consortia Mode
- Offline circulation
- Self-Check
- Faceted search

Nature and Extent of Automation: The Library is fully automated using KOHA: ILMS.

All modules of KOHA such as;

- Administration
- OPAC circulation

- Patrons
- Advanced search
- List, authorities,
- Cataloging,
- Acquisition,
- Serials,
- Reports,
- Tools, etc

are used extensively for providing automated library and information services to library users.

It has become possible to automate all the available physical collection of books such as; textbooks, reference, and ancient books, journals including CD/DVDs. In this software, the user interface is adaptable with the result, all types of work involved in the library such as; Cataloguing, Searching, member patron management, acquisition system, and circulation: issues, returns, and reserves, etc. have been fully automated.

Year of commencement and completion of automation: KOHA software was installed in 2018 with implementation of complete automation.

Nonvisual Desktop Access (NVDA)

There is open source screen reader for the Microsoft Windows operating system. It enables blind or vision impaired people to access computers running Windows for no more cost than a sighted person. NVDA allows blind and vision impaired people to access and interact with the Windows operating system and many third party applications.

DSpace

The Central Library has established an Institutional Digital Repository Software Using DSpace. This software used for creating repositories for published digital content. It is content management systems and document management systems; this repository software serves a specific need as a digital archives system, focused on the long-term storage, access and preservation of digital content.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link to Geotagged photos	[View Document](#)

4.3.2

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

reference to traditional systems of medicines

Response:

Total number of books and reference volumes are **18132** and **7470** respectively. The ancient books are **150**

with **998** manuscripts.

Books added year wise in last 5 years	2022-23	2021-22	2020-21	2019-20	2018-19	From inception 30.06.2018	Total Library Holding as on June2023
Text	287	484	1084	675	103	15499	18132
Reference	116	275	330	453	178	6118	7470
Ancient	-	-	5	54	37	54	150
Manuscripts	107	108	77	77	112	517	998
Special Reports	05	04	7	20	18	87	141
Another knowledge resource	443	289	338	306	201	1643	3220
Total	958	1160	1841	1585	649	23918	30111

Textbooks: The recent editions of textbooks on each subject have been added each year.

Reference Volumes: 1352 copies of reference volumes have been added during 1st July 2018 to 31st June 2023.

Central Library has a rich collection of reference books covering, atlases, biographies, dictionaries, directories, encyclopaedias, handbooks, manuals, yearbooks, as well as other reference books.

Ancient Books: Library has 150 Titles under this category. Library has collection of ancient books like Published in 1936, 1935. Library also has copies of books like Chark Samhita and Ashtangsangrha. Many books are available in the form of e-book in the Institutional Digital Repository and has rich collection of books on medical ethics & Relevant Indian Philosophy, Ancient Indian culture, religions.

Manuscripts: The Central Library has more than 998 manuscript collections and most of them are available in the form of e-resources. The same are made available in the Library OPAC & on Institutional Digital Repository.

Repository on Literature related To Mahatma Gandhi: Institutes Under the umbrella of MGUMST always promote Gandhian Philosophy at all levels. Keeping in mind the Gandhian thoughts, the library has more than 70 books on Mahatma Gandhi.

List of Books on India's Constitution and Constitutional Law, collection of Mahatma Gandhi, and Hindi Literature books at MGUMST are given in the attached additional information document.

Other Knowledge Resources:

The Central Library enriches with various knowledge resource and these are available in the central library. These knowledge resources include Dictionaries, Encyclopaedia, Handbooks, Religious Literature, etc

National Digital Library of India/World e book Library:

Ministry of Human Resource Development under its National Mission on Education through Information and Communication Technology has initiated the National Digital Library of India (NDL India) pilot project to develop a framework of virtual repository of learning resources with a single-window search facility.

The Central Library is an Institutional Member in NDLI and the resources of NDLI accessed by the students and faculty members.

Reading Lists/ Bibliographic Compilation:

The Central Library receives subject bibliographies from various publishers and the same are being sent to the departments concerned periodically for their reference and recommendations.

Further, The Central Library is an Institutional Member in DELNET and it maintains an online Union Catalogue of books available in its member-libraries.

It has 3,97,51,938 bibliographic records. The request for inter-library loan can be placed through the DELNET online system.

File Description	Document
Any additional information	[View Document](#)
Links for library acquisition data	[View Document](#)
Link for additional information	[View Document](#)

4.3.3

Does the institution have an e-Library with membership/subscription for the following:

1. e – journals / e-books consortia
2. e-ShodhSindhu
3. Shodhganga
4. SWAYAM
5. Discipline-specific Databases

Response: All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copy of subscription letter/member ship letter or related document with the mention of year to be submitted	[View Document](#)
Details of subscriptions for e-journals, e-ShodhSindhu, Shodhganga membership etc. for the last five years	[View Document](#)
Details of e-resources with full-text access	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

4.3.4

Average annual expenditure for purchase of books and journals (including e-resources) during the last five years

Response: 128.8

4.3.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
165	148	98	148	85

File Description	Document
Provide consolidated extract of expenditure for purchase of books and journals during the last five years duly attested by Finance Officer	[View Document](#)
Proceedings of Library Committee meetings for allocation of fund and utilization of fund	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited Statement highlighting the expenditure for purchase of books and journal library resources (Refer annexure number -01)	[View Document](#)
Link for additional information	[View Document](#)

4.3.5

E-content resources used by teachers:

1. NMEICT / NPTEL

2. other MOOCs platforms

3.SWAYAM

4. Institutional LMS

5. e-PG-Pathshala

Response: Any Four of the above

File Description	Document
Supporting documents from the hosting agency for the e-content developed by the teachers need to be given	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Give links e-content repository used by the teachers / Students	[View Document](#)
Links to documents of e-content resources used	[View Document](#)
Link for additional information	[View Document](#)

4.4 IT Infrastructure

4.4.1

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

Response: 100

4.4.1.1 Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities

Response: 103

4.4.1.2 Total number of classrooms, seminar halls and demonstration room in the institution

Response: 103

File Description	Document
Institutional data in prescribed format	View Document
Geo-tagged photographs of the facilities	View Document
Consolidated list duly certified by the Head of the institution.	View Document
Any additional information	View Document
Link for Additional Information	View Document

4.4.2

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

Response:

Information technology and the Internet are major drivers of research, innovation, growth and social change. The growth in Internet has brought changes in all walks of life including the education. The students are provided with adequate computer facilities for academic and co-curricular activities, projects and research activities, community outreach programs, collaborative, administrative and financial evaluation activities.

The campus is 1.2 GBPS lease line enabled to connect staff and students to access its applications and services. including LAN infrastructure at core.

The University has its own Email Server and all the staff members and students of all constitutent colleges have their email on this server. Various administrative and other communication are done using these email ids. The data Centre of the university host more than thousand email IDs.

We have SSO enabled/integrated application like Hospital ERP (SUVARNA, HIMS, PACS, EMR, DMS), Internet Services etc. Sophos UTM (FIREWALL) has been deployed currently to integrate Internet service.

Wi-Fi services have been provided across the campus. Over 100 Access Points (UBNT) has been fixed having a bandwidth of 300 MBPS for high speed and connected with centralized controller and single sign on (SSO) to provide seamless handover while on move.

MGUMST continuously upgrades its IT infrastructure:-

Server Up-gradation

Year	Date	Type of Up-gradation / new Purchase

2017	19-04-2017	HP ProLiant DL380
2017	19-04-2017	MSA 2040
2018		Dell T30
2019	14-08-2019	Dell T30 Utility Server
2019	08-08-2019	Dell-EMC R230 Onco Collect
2020	14-09-2020	Dell-EMC R240 KOHA and D-Space
2021	12-11-2021	HP ProLiant DL 380 G10-
2021	12-11-2021	HP MSA 2050
2021	11-07-2021	HP MSA 2040 Renew
2022	11-04-2022	HP DL 380G9 Renew
2023	22-07-2023	Dell Server Warranty Renew
2023	21-10-2023	HP ProLiant ML-350 Purchase New
2023	19-05-2023	RAM Upgrade in Dell T30 Server

Network Infrastructure Up-gradation

	Date	Type of Up-gradation
2018	14-12-2018	Up-graded Managed Network from Copper to Fibre with Layer 3 and Layer 2 Managed Switch
2020	10-06-2020	Wi-Fi Implemented in the whole Campus- Single Sign On (SSO)
2021	20-03-2021	UTM Sophos XG 460 Purcahse
2022	04-11-2022	Wi-Fi Cambium e600 Purchase
2022	03-03-2022	UTM Sophos XG 460 Renew
2022	05-07-2022`	Purchase Managed Switch
2023	24-01-2023 03-03-2023	XG106 UTM Renew XG 430 UTM Renew
2023	26-05-2023	XGS 87 UTM New Purchase
2023	06-02-2023	Wi-Fi Cambium e600 Purchase
2023	27-12-2023	XGS 116 UTM New Purchase

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Links for documents relating to updation of IT and Wi-Fi facilities	[View Document](#)

Other Upload Files	
1	[View Document](#)
2	[View Document](#)

4.4.3

Available bandwidth of internet connection in the Institution (Lease line)

Response: ?1 GBPS

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of available bandwidth of internet connection in the institution	[View Document](#)
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	[View Document](#)
Annual subscription bill / receipt	[View Document](#)
Link for additional information	[View Document](#)

4.4.4

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

Response:

Students nowadays prefer e-learning instead of classroom learning. Every student has easy access of internet. There are several e-contents available on internet.

E-content includes all kinds of study material content delivered through various electronic media. E-content requires huge amount of creativity both at information as well as technology level.

Mahatma Gandhi University of Medical Sciences & Technology has state of the art media centre with

inbuilt Audio-visual facility. The Media Centre is designed to encourage collaborative learning and interaction and has the resources for developing e-content. The infrastructure includes:

· Dedicated PC for designing & editing,

· Wall mount collapsible studio backdrop horizontal pole assembly

· Square Light truss with 4 Zig Zag collapsible pantographs

· Panasonic 4k Mirrorless camera G-85 with 14-140 mm lens & 14X110 Zoom

· E Image camera support tripod with fishplate and Tripod Bag

· Audio Suite for NLE

· NLE suite

· GODOX

· Segate HDD desktop

· 32" 4k UHD Samsung Monitor for FCPX-NLE

· BOYA Cordless MIC BY-WFM12

NLE (Nonlinear editing) setup Hardware

Apple machine M1silicon graphics 38-inch full HD monitor

Steinberg sound card – voice over recording facility

Software

Video editing software

Apple final cut pro x - Final Cut Pro X is Apple's non-linear, non-destructive video editing software. It is a native 64-bit application capable of utilizing all CPU cores and GPU-accelerated processing, useful for improved playback, rendering, and transcoding.

High end software that used in Hollywood also.

Audio editing software

Cubase LE multi track audio- High end software that is used for music production, video dubbing and normal voice over.

Photoshop – Graphic designing software

Light

Collapsible studio backdrop - Collapsible backdrops are an essential piece of gear for any photographer. Portable, compact, and simple to set up and take down, they are the ideal choice for photographers needing a versatile backdrop that can be easily used in studio or on location.

Set of 4 LED lights use in backgrounds and subject. Remote operated LED light

Video and Audio Content in an organized form is made available to the media center for e- content development. Center maintains highest Audio/Video quality required for the production of e-content.

Computer is made available to students for research purposes and to gather information from various sites on the internet, online videos and discussion groups.

LCS (**Lecture Capturing System)**

University has setup 46 high end product cameras in Lecture Theater, Demo Room, Laboratory and Museum. There are two types of camera type A - P T Z (pantid zoom), Type B – POV (Point of view) which have audio video facility. All these cameras are connected to the media center. where they are recorded. All these cameras have the facility of broadcasting, through which the students of one demo room can see and hear the lectures of other demo rooms. The media center has more than 100 TB network access storage facilities for LCS in media cente

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Links for Geo-tagged photographs	[View Document](#)
Links for the e-content development facilities	[View Document](#)

4.5 Maintenance of Campus Infrastructure

4.5.1

Average percentage of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 1502704.5

4.5.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
6465.42	5078.9	2313.53	1274.4	2319.93

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details about approved budget in support of the above	[View Document](#)
Audited statements of accounts for maintenance (Refer annexure number -01 as per SOP)	[View Document](#)
Link for additional information	[View Document](#)
Provide link to ERP	[View Document](#)

4.5.2

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

Response:

The institute has an effective system & process for maintenance of physical & academic support facilities. The infrastructure is well maintained by implementing Standard Operating Procedures for maintenance of physical facilities.

There is dedicated **Maintenance Department** with expert staff for biomedical, electrical, civil, carpentry and plumbing section.

Regular scheduling of work with log books ensures optimum usage of facilities.

Maintenance of infrastructure- Site Office team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing maintenance of rest rooms, approach roads and neatness of the entire premises.

Cleanliness of campus- Adequate in - house staff is employed to thoroughly maintain hygiene, cleanliness of the campus to provide a congenial learning environment.

Wash rooms and rest rooms are well maintained. Dustbins are placed at strategic locations.

Equipments- Optimum working condition of all properties/ equipment in the campus is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, hospital equipment, CCTV cameras and Water Purifiers.

Under Warranty equipment's are maintained by residential engineer of vendors. For maintenance of high- end equipment's such as CT scan, MRI etc. an annual maintenance contract is signed with the authorized agencies/manufacturer only.

Every department maintains a stock register & log book for the available equipment.

Laboratories- All medical Equipments are taken care by biomedical dept & engineers through AMC.

Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Head of Institution.

Computers- IT Department of institutes take care of technical issues related to computers. There is frequent updation of IT facilities.

Standard operating procedures are in place for maintenance of IT infrastructure.

Sports Facility- Physical Training Instructor (PTI) takes care of sport facility related issues (Ground, and sports items). Standard operating procedures are in place for maintenance sport facility

Library – Liberian takes care of Library facility related issues. Civil work related matter inform to site office team. Maintenance of books (binding, tapping) was done as per the standard operating procedure of library. Pest control measures are taken care by agency **(National Pest Management service)**

Class room – The Dean & Principal of all constituent colleges takes care of class rooms, Demo room, seminar Hall, Museums and Laboratories. Standard operating procedures are in place for maintenance of class rooms, Demo rooms, seminar Halls, Museums and Laboratories facility.

Vehicles – Transport Incharge takes care of all university vehicles (Car, Bus, Ambulance). Standard operating procedures are in place for maintenance of vehicles.

Solar, STP plant, RO plant - Optimum working condition of all Solar, STP plant, RO in the campus is ensured through annual maintenance contracts (AMC).

The AMC purview includes maintenance of Solar, STP plant, RO.

Safety committee- Maintenance of the campus is monitored through surveillance Cameras.

The budget allocated is optimally utilized by staff appointed for maintenance and repairs of civil works.

System for proactive planning is in place with Head of the Institute, Maintenance Committee & IQAC working in collaboration for proper maintenance of infrastructure.

File Description	Document
Link for additional information	[View Document](#)
Links for log book or other records regarding maintenance works.	[View Document](#)
Links for minutes of the meetings of the Maintenance Committee.	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships /free ships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

Response: 5.32

5.1.1.1 Number of students benefited by scholarships /free ships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
561	53	68	111	88

File Description	Document
Self-attested letters with the list of students with Government-sanctioned scholarships and fee-waivers	[View Document](#)
List of students benefited by scholarships / fee-waivers etc. provided by the institution and other non-government schemes	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copies of sanction letters from the University / non-government schemes	[View Document](#)
Consolidated document in favor of free ships and number of beneficiaries duly signed by the Head of the institution	[View Document](#)
Attested copies of the sanction letters from the sanctioning authorities	[View Document](#)
Link for additional information	[View Document](#)

5.1.2

Institution implements a variety of capability enhancement and other skill development schemes

    1.Soft skills development
    2.Language and communication skill development

3. **Yoga and wellness**
4. **Analytical skill development**
5. **Human value development**
6. **Personality and professional development**
7. **Employability skill development**

Response: Any 5 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of capability enhancement and skills development schemes	[View Document](#)
Detailed report of the Capacity enhancement programs and other skill development schemes	[View Document](#)
Any additional information	[View Document](#)
Link to institutional website	[View Document](#)

5.1.3

Average percentage of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the last five years.

Response: 41.1

5.1.3.1 Number of students provided with training and guidance for competitive examinations and career advancement offered by the Institution year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2677	2199	259	628	895

File Description	Document
Year-wise list of students attending each of these schemes signed by competent authority	[View Document](#)
Program/scheme mentioned in the metric	[View Document](#)
List of students (Certified by the Head of the Institution) benefited by guidance for competitive examinations and career advancement offered by the institution during the last five years	[View Document](#)
Institutional Data in Prescribed format	[View Document](#)
Copy of circular/brochure of such programs	[View Document](#)

5.1.4

The institution has an active international student cell

Response:

Introduction

To promote internationalization and partnerships with international institutes, MGUMST is functional for collaboration with institutions globally for student exchange, student externships and higher education opportunities. MGUMST is committed to make its presence felt in the international academic circle.

The university has an active International Student Cell which facilitates the networking of students and faculty and trains them for:

International work environment

Fast changing medical and health care requirements Clinical research and advancement

The International Student Cell takes care of international students during their stay, from the time of their admission to completion of their study. The cell also promotes cordial student-student and student-teacher relationship.

Following are the major objectives addressed by the cell

1. Obtaining cutting edge technical knowledge and experience.
2. Facilitation of process of student exchange program
3. Assistance in documentation and hospitality
4. Credit mapping and other support activities

Process:

The student exchange process is facilitated by sharing information received from partner Institutions

regarding opportunities for internship & exchange of students & faculty through notices, email etc.

International Student Cell of University assists both incoming and outgoing students in streamlining documentation, local stay, hospitality and travel arrangements.

The students are issued required certificates or reference letters for visits and VISA, on receiving confirmation from partner institutions.

Information regarding other opportunities available are also shared as and when received with students and faculty of departments concerned.

Through the International Students Cell, MGUMST has promoted student exchange programs with universities like Hasselt University, Belgium, John Hopkins University, Baltimore, USA and Georgetown University, Washington DC.

Salient features:

MGUMST is the preferred university for foreign students undergoing internship. A positive feedback is received by students who have completed internship at MGUMST. The University provides effective and immediate assistance for foreign students. The University offers complete support for students willing to go for externship in foreign universities

Composition of International Student Cell:

The International Student Cell of MGUMST comprises of a Chairperson, member Secretary and members designated by the University.

Activities

STUDENT EXTERNSHIPS – The Cell facilitates the process of application, documentation and certification for students who apply for externship at medical institutions/ universities outside India. Such students are provided assistance as and when required.

STUDENT INTERNSHIPS - Students of foreign universities also apply for internship at MGUMST. The Cell ensures comfortable stay and other facilities for all such students.

ADMISSION TO VARIOUS PROGRAMS OF UNIVERSITY - Students who are foreign nationals are also permitted admission in various courses of university subject to clearance of their documents and eligibility.

Student International Cell also ensures active participation of foreign students in various academic and co-curricular activities of the University.

File Description	Document
Link for additional information	[View Document](#)
Links for international students' cell	[View Document](#)

5.1.5

The institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging

1. **Adoption of guidelines of Regulatory bodies**
2. **Presence of the committee and mechanism of receiving student grievances (online/ offline)**
3. **Periodic meetings of the committee with minutes**
4. **Record of action taken**

Response: All of the above

File Description	Document
Minutes of the meetings of student Grievance redressal committee and Anti-Ragging committee	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Circular/web-link/ committee report justifying the objective of the metric	[View Document](#)
Link for additional information	[View Document](#)

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/ national/ international level examinations during the last five years

(eg: NET/SLET/GATE/GMAT/GPAT/CAT/GRE/TOEFL/PLAB/USMLE /AYUSH/AICTE/ Civil Services/Defense /UPSC/State government examinations/PG-NEET/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)

Response: 72.65

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

2022-23	2021-22	2020-21	2019-20	2018-19
52	16	18	28	19

5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ *PLAB/ USMLE/*Civil Services/State government examinations *PG-NEET/* AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
62	25	30	32	28

File Description	Document
Pass Certificates of the examination	[View Document](#)
List of students qualifying for state/national/international-level examinations during the last five years with their roll numbers and registration numbers	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.2.2

Average percentage of placement /self employed professional services of graduating students during the last five years

Response: 14.58

5.2.2.1 Number of outgoing students who got placed / self-employed year- wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
54	134	52	92	64

File Description	Document
Self-attested list of students placed/self-employed	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Annual reports of Placement Cell	[View Document](#)

5.2.3

Percentage of the graduates in the preceding academic year, who have had progression to higher education.

Response: 27.99

5.2.3.1 Number of batch of graduated students of the year before preceding year, who have progressed to higher education

Response: 194

File Description	Document
Supporting data for student/alumni in prescribed format.	[View Document](#)
List of students who have progressed to Higher education preceding academic year	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.3 Student Participation and Activities

5.3.1

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

Response: 52

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

2022-23	2021-22	2020-21	2019-20	2018-19
31	4	7	6	4

File Description	Document
Institutional data in prescribed format	[View Document](#)
Certified e-copies of award letters and certificates.	[View Document](#)
Any additional information	[View Document](#)

5.3.2

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

Response:

Introduction

The Student Councils of constituent colleges of Mahatma Gandhi University of Medical Sciences & Technology are constituted for developing leadership qualities among students, streamlining various students' activities, giving voice to students' expressions, organization of various cultural events and addressing many other issues.

Student council plays a pivotal role in the student community of the institution. The purpose of this council is to provide a representative structure for formulating policies and decisions for the benefit of the students as well. Since its inception, it has been providing an opportunity to the students to express their views, identify issues related to students. The dynamic, active students among various batches are nominated and included in the Student Council.

The formation and existence of the council becomes essential and helpful due to following issues: It brings together all students across all constituent colleges and programs.

It promotes culture of team work and friendship beyond individual college and department. It helps in eradicating regional, linguistic and cultural differences.

It assists in bringing out the issues of students to relevant administrative bodies.

It functions as a monitoring body for smooth functioning of several student related facilities including sports and other recreational facilities.

On the functional level, the council have has following objectives:

To improve communication between students, teachers, parents and management. To ensure holistic development of students

To promote cordial relations among students

To contribute in the growth of this institution To depict students' views on key issues

Tenure

The Student Council of the institution shall be valid for a period of one year

Following are responsibilities the council will carry:

1. To identify and resolve issues related to students

2. To work harmoniously with management, teachers and students

3. To encourage educational development and progress of students

4. To promote co-curricular activities and celebrate festivals like Lohri and Holi in the institute

5. To provide a platform to communicate key issues to the management

6. To ensure that decisions taken in meetings are addressed

Structure of Student Council

MGUMST values contribution of students in institutional development. Following are the Colleges wherein student council is established

·   Medical

·   Dental

·   Nursing

·   Physiotheray

·   Paramedical

Student Council activities

o   **Students' role in institutional development**

· Blood donation and medical camps

· Community services

· Green drives

· Save-girl-child-rally

· Nukkad natak/ Street plays

· Sports & games

· Artivist forum

· Alumni contribution

· Festival & National day celebrations

Student welfare

o   Student mess committee

o   Student donations

IMPACT ANALYSIS:

1. Students became more expressive

2. All their concerns and issues were streamlined through a proper channel

3. All cultural activities were very responsibly organized by the students.

4. Leadership qualities along with team work were enhanced.

5. Several issues related to their daily academic activities were addressed formally and informally.

6. The communication between teachers and students improved positively.

7. Sense of belonging to the institution was strengthened

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Links for Student Council activities	[View Document](#)

5.3.3

Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 18.6

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

2022-23	2021-22	2020-21	2019-20	2018-19
19	11	1	33	29

File Description	Document
Report of the events/along with photographs appropriately dated and captioned year-wise	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Event photograph if available (random selection with titles and date(s) of the events marked)	[View Document](#)
Copy of circular/brochure indicating such kind of activities	[View Document](#)
Link for additional information	[View Document](#)
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)

5.4 Alumni Engagement

5.4.1

The Alumni Association/Chapters (registered and functional) has contributed significantly to the development of the Institution through financial and other support services during the last five years

Response:

Introduction

Mahatma Gandhi University of Medical Sciences and Technology (MGUMST), Jaipur was established in the year 2011. Since its inception, thousands of students have passed out and serving across the globe as Administrators, Academicians, Clinicians, Research scientists, and Entrepreneurs etc. Alumni of this premier institute have worked under different capacities and share a great role in building the present global repute of this institute. Alumni were contributing to the development of institute through an Alumni Chapter in one or the other way like guest lectures, sharing their valuable experiences, donating books and guiding the students for various competitive examinations.

The Alumni association of the Mahatma Gandhi University of Medical Sciences and Technology (MGUMST) was formally constituted and registered by the name of Alumni Association, Mahatma Gandhi University of Medical Sciences and Technology (MGUMST), Jaipur (Raj.) under The Rajasthan Societies Registration Act 1958.

The Alumni association is an integral component which contributes to overall development in academics, research, career advancement, outreach activities and patient care. No matter which constituent University institution an alumnus belongs to the University takes a lot of pride in each one. The Alumni Chapter of university has contributed under various capacities such as:

1. Donations including financial & kind

2. Donation of books

3. Facilitating student placements

4. Organizing student exchange programs through career guidance talks and workshops.

5. Participation in medical and blood donation camps

6. Promoting student, alumni and faculty interaction.

7. Involving the alumni in institutional and social activities

VISION: To nurture the culture of participative management through involving all alumni of MGUMST

OBJECTIVES:

1. Increase in database of the alumni year on year. This helps us in contacting all our important alumni who have rose to great heights now. This helps us in raising funds from them and collecting important feedbacks so that we can improve upon.

2. Building a smooth channel to facilitate flow of resources and opportunities within community 3. Attaining global recognition and exposure for Institute

Alumni contributions

1. Alumni of MGUMST have donated numerous books to the university library since the first batch passed out.

2. Various other contributions include donations of televisions in hostels, fans in waiting lobby of college & hospital, water sources, LCD projectors etc. to colleges or respective departments.

3. Alumni help in curriculum enrichment by providing their valuable feedback and guide students on competitive exams and career guidance through guest lectures.

4. Financial contributions of Alumni chapter were utilised to provide financial aid to students of university as per need.

File Description	Document
Audited statement of accounts of the Alumni Association (Refer annexure number -01 as per SOP)	[View Document](#)
Any additional information	[View Document](#)

Link for details of Alumni Association activities	[View Document](#)
Link for additional information	[View Document](#)
Links for frequency of meetings of Alumni Association with minutes	[View Document](#)
Links for quantum of financial contribution	[View Document](#)

5.4.2

Provide the areas of contribution by the Alumni Association / chapters during the last five years

1. **Financial / kind**
2. **Donation of books /Journals/ volumes**
3. **Students placement**
4. **Student exchanges**
5. **Institutional endowments**

Response: B. Any four of the above

File Description	Document
List of Alumni contributions made during the last 5 years	[View Document](#)
Certified statement of the contributions by the head of the Institution	[View Document](#)
Any additional information	[View Document](#)
Annual audited statements of accounts/ Extract of Audited statements of highlighting Alumni Association contribution duly certified by the Finance Officer and Head of the Institutions	[View Document](#)
Link for any additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

Vision

- To develop MGUMST as an Institution of Excellence, at par with Global standards, in the field of healthcare and allied sciences.
- To amalgamate our colleges, departments, students, and alumni to impart world-class research and education, aimed at making a positive difference in healthcare at the national and global level.
- To achieve the overall development of learners, including character and moral values, by imbibing a culture of inquisitiveness, inclusion, collaboration, and innovation.
- To ensure equality amongst diversity in all respects, reflecting the true Gandhian principles, so that everyone gets a fair opportunity and the best of minds and talent may be recognized and allowed to flourish in the ever-changing competitive environment.

Mission

- To develop a dynamic, self-dependent, and world-class Healthcare Institution dedicated in providing the best medical education and clinical treatment.
- To develop the best healthcare practices in the community, with a spectrum ranging from preventive health measures to excellence in tertiary care, with an aim to establish a healthy, disease-free society.
- To enroll students, staff and faculty in various clinical and non-clinical programs based on the principle of merit and impartiality, and without any discrimination of race, sex, non-disqualifying disability, caste, religion, and national or ethnic origin.
- To utilize the latest technology, as well as, to identify the best possible use of upcoming technology such as Artificial Intelligence to predict, prevent and treat various ailments and illnesses before they affect an individual or the community.

MGUMST was the first recognized private University in the State of Rajasthan imparting medical education. The University aims to develop and administer research and educational institutions including medical, dental, nursing and pharmacy, to develop health manpower by creating training centers for medical and allied health care professionals and to promote and subsidize activities of other educational institutions which are catering and improving public health at large.

Academic and Administrative Governance

The MGUMST aims to provide training to create knowledgeable and skilled healthcare manpower. The University shall develop and administer research and educational institutions including medical, dental,

nursing and pharmacy, develop health manpower by creating training centres for medical and allied health care professionals, promote and subsidize activities of other educational institutions that are catering and improving public health at large. It further aims to bring in foreign collaboration and set up a truly global standard hospitals and educational institutes like Howard University, Oxford University, AIIMS- New Delhi PGIMER Chandigarh and many more.

MGUMST is the epitome of quality health care through continuous research and development. The medical fraternity here seeks to improve health care by using modern medical systems. The teaching hospital institute provides outstanding and affordable medical care in a patient-friendly environment in the spirit of compassion for all, regardless of race, caste, religion or economic condition. As a result, MGUMST has bagged many awards for social and research work.

File Description	Document
Any additional information	View Document
Link for report of achievements which led to Institutional excellence	View Document
Link for additional information	View Document
Link for vision and mission documents approved by the Statutory Bodies	View Document

6.1.2

Effective leadership is reflected in various institutional practices such as decentralization and participative management etc.

Response:

Introduction

MGUMST functions in a well-structured manner to ensure that there is participative management at all levels of decision-making. The stakeholders participate in the decision-making process through various statutory bodies and committees at institute levels, which support the participative management and decentralization in all the processes.

The MGUMST Act No 22 of 2011 and the Statutes designates the following as the Authorities of the University:

1. Board of Management
2. Academic Council
3. Faculties
4. Board of Studies
5. Board of Research
6. Board of Accounts

The composition of all these apex authorities is constituted by members from various segments as stakeholders clearly indicating the decentralized and participative nature of the MGUMST being enshrined in the very Acts and Statues of the University.

Admission and Examination Process

Admitting students and conducting their assessment are the two major functional responsibilities of the University. Policy formulation for the admission to various programs is undertaken through an Admission Cell.

Examinations are conducted with the help of its constituent unit. Starting from the setting of the examination papers, conduct of the examination, evaluation of answer scripts and declaration of results the process is undertaken in a structured and decentralized manner.

Academic Administration

The Academic decisions pertaining to introduction, structuring, revision and reformulation of courses and syllabi are taken through Board of Studies and Committee of Courses, Board of Research, Faculty, Academic Council and Board of Management.

At the faculty and department levels, there is Department Research Committee (in departments with PhD) that functions to take decisions with respect to academic and research related issues.

Office Administration

Recruitment and promotions committees are duly constituted to represent various stakeholders. The recruitment of faculty is done by the Selection Committee, H. R Department with ultimate approval of the Vice Chancellor.

Financial Administration

Budget and estimate preparation are done after obtaining inputs from all concerned end users so as to incorporate their requirements.

The authorization matrix is decentralized at various levels in line with the organization hierarchy to enable proper checks and controls as well as autonomy in decision-making.

There is clear-cut financial delegation approved by the BoM and as authorized by the BoM, every officer incurring or authorizing expenditure acts as per the power delegated to him/her to ensure that the expenditure proposed/incurred is justified and all relevant rules and regulations are complied with.

Case study on decentralization and participative management: The organization of the International Conference on Applied Health Informatics held on 11.01.2020 to 12.01.2020 depicts the process of participative management and decentralization. As a part of the quality improvement initiative, all the faculty members organized a meeting to discuss the details for conducting the international conference. For the effective conduction of the conference, different committees were prepared like the Registration & Kit Committee, distribution of the Conference Proceedings Committee, Brochure Preparation, Papers Inviting, Acceptance Committee, Stage & Seating Arrangement Committee & Aesthetics/Ambience

Management & Decoration, Report, Media & Photographs Committee, University Submission Committee. Thus, while executing the event, the institute practiced decentralization and participative management.

File Description	Document
Any additional information	[View Document](#)
Link for information / documents in support of the case study	[View Document](#)
Link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional Strategic plan is effectively deployed.

Response:

Introduction

MGUMST has a strategic plan in place and it is deployed effectively to create the future of healthcare through healthcare services, education and research. It is done with the aim of bringing to life new ideas, systems, and technologies to enable the health improvement of communities near and far. The administrators involved in developing the strategic plan are the Vice Chancellor, Registrar, Deans of the faculties, Heads of the Institutes and Heads of the Departments, Finance officer, Architect and the representatives of the non-teaching staff. The plan is worked out under 3 heads i.e. Short-Term (for 1 year), Mid-Term (for 5 years) & Long-Term (for the 15 years).

The Strategic Plan of the University is made keeping five pillars in mind to achieve excellence -People, Discovery, Education, Health Care and Community Service:

1. People: To recruit, develop, and retain the best faculty, staff, and learners who work together for the greater good.

2. Discovery: To increase the faculty's competitiveness and their ability to pursue major scientific questions in a rich and diverse environment that leads to discoveries that inspire new preventions, treatments, and cures.

3. Education: To create a safe, effective, and learner-focused environment to support the growth and development of faculty, staff, trainees, and students that engage in education for the advancement of medical and allied science, health and healthcare delivery.

4. Health Care: To deliver outstanding patient care and improve health for local, state, national, and global populations while caring for each other. The University shall extend its full support to make the

National health programs successful and support the Government in any national medical emergency

5. Community Service: To engage and collaborate with other institutional, local, state, national and global communities for advancement in health care system.

The mechanism of deployment of the Strategic Plan is through the continuous and various efforts put in by the University. Steps have been taken to organize CMEs, workshops and conferences at state, national and international level in all constituent colleges of the University. To promote interdisciplinary research, faculties are encouraged to take more research projects and publications. NABH accreditation of hospital and blood bank and NABL accreditation of the lab are being continuously upgraded. The University works towards organizing faculty development programs (FDPs), for teaching and non-teaching staff for their professional skill development. It works towards developing online academic programs, simulation lab, skill lab, e-class rooms which is the future of education.

The monitoring and evaluation of the strategic plan

The feedback are collected from the various Stakeholders and susequent measures are taken.

File Description	Document
Any additional information	[View Document](#)
Link for minutes of the Governing Council/ other relevant bodies for deployment / monitoring of the deliverables	[View Document](#)
Link for Strategic Plan document	[View Document](#)
Link for additional information	[View Document](#)

6.2.2

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

Response:

Introduction

MGUMST follows organizational structure as per the requirements of the Act. It has an efficient functioning by means of its administrative setup. The Chairperson is the head of the University, who presides at the meetings of the Board of Management, Board of Accounts and Convocation. The President is the principle executive and academic officer of the University. Documents and records are authenticated by the Registrar on behalf of the University. The Registrar exercises such other powers and performs other duties as are prescribed by the statutes. The Provost and the Proctor ensure discipline in the University. The director, hospital administration is the principle executive officer of the hospitals and exercises control over all the affairs related to hospitals. The Chief Finance & Accounts Officer is the

custodian of records of financial transactions carried out on behalf of the University. The Controller of Examinations discharges functions related to academics, the conduct of examination, secrecy, evaluation, revaluation, declaration of the results, disposal of all unfair means cases and maintains complete record of students' enrolment along with the record of examinations and results as per norms of the Regulatory Bodies.

The University has faculties of learning that are administratively headed by the Dean. The Dean ensures compliance of the provisions of the Statutes, Ordinances and Regulations relating to faculty.

Convener of the Board of Studies of all concerned courses advises the Deans of respective institutions on all matters relating to their subject(s).

The functionalities of various MGUMST governing bodies are explained as below-

The Board of Management is the Principle Executive Body of the University. It controls the functioning of the University and lays down the policies to be followed by the University.

The Academic Council is the Principle Academic Body of the University and supervises the academic policies.

The Faculty and the Board of Studies/Committee of Courses consider and report on all the matters referred by the Board of Management or the Academic Council and make recommendations to the Academic Council.

The Board of Research maintains standards of research and updates PhD/MD/MS/MDS thesis work as per guidelines of Statutory Councils.

The Board of Accounts conducts an audit and makes an annual report for each financial year. It advises the Board of Management on all matters relating to the finances of the University.

It is ensured that meetings of all administrative bodies are done as per the regulations stated in the statute and act i.e. Board of Management, Academic Council, etc.

The University, from time to time constituted additional committees such as the Grievance Committee, Anti-Ragging Committee, Library Committee, International Student Cell, Alumni Cell and so on have been constituted for the smooth functioning of various practices.

The University has various policies in place for efficient functioning such as the Research Promotion Policy, Anti-Plagiarism Policy, Internal and External Audit Policy, IPR Policy , Financial Management and Resource Mobilization Policy and so on.

File Description	Document
Any additional information	[View Document](#)
Link for organogram of the University	[View Document](#)
Link for Annual Report of the preceding academic year	[View Document](#)
Link for minutes of meetings of various Bodies and Committees	[View Document](#)

6.2.3

The University has implemented e-governance in the following areas of operation

    1.**Planning and Development**
    2.**Administration (including Hospital Administration & Medical Records)**
    3.**Finance and Accounts**
    4.**Student Admission and Support**
    5.**Examination**

Response: All of the above

File Description	Document
Screen shots of user interfaces, if any	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional budget statements allocated for the heads of E-governance implementation ERP Document	[View Document](#)
E-Governance architecture document	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3 Faculty and Staff Empowerment Strategies

6.3.1

The institution has effective welfare measures for teaching and non-teaching staff, and other beneficiaries.

Response:

Introduction

MGUMST is committed towards the cause of felicity and up-gradation of its talented workforce. Synchronously, concern and attention expended towards well-being of the employees is meticulous and magnanimous. Continuous efforts and attention are expended towards the well-being of all its employees, both teaching as well as non-teaching staff. The Staff Welfare Policy is in place to ensure the holistic well-being of all teaching and non-teaching staff. Various areas for staff welfare measures include:

1. **Campus accommodation:** The provision of accommodation on campus is made to ensure the availability of emergency services to medical staff and trainees. Doctors, nurses, paramedical staff, faculty, administrative, security and maintenance staff are given accommodation for their availability in the campus. The faculty is also provided with subsidized accommodation outside the campus of the University.

2. **Transport facilities:** The University provides buses to the children of the staff staying in the campus for transportation to the school. Transport facility is also provided to the nursing and paramedical staff for drop and pick from home. Senior faculties of the University are provided with cars as transport facility.

3. **Health Care Facilities:** Concession in various diagnostic investigations like MRI, Angiography, CT SCAN & experts' consultation etc is given to employees as well as to their family members.

4. **Financial Benefits:** These include –

- Employees Provident Fund (PF)
- Employees State Insurance (ESI)
- Financial assistance for attending conferences/workshops
- Interest-Free Loan
- Advanced salary facility
- Life Term Plan
- Facilitation of procurement of loans

5. **Recreation facilities:** The campus is equipped with recreational facilities as follows:

- Cafeterias
- Recreational social outings.

6. Creche Facility: This facility provides a comfortable, safe and secure environment for children of the University employees. The facility provides daycare and recreation for the children of the employees.

7. **Uniforms**: The University provides uniforms to non-teaching staff like the cashiers, receptionists, ward boys, sweepers, plumbers, security guards, drivers, ward ladies, gardeners etc and provides aprons to the teaching faculty.

8. **Subsidized food:** The security guards serving in the University are provided with subsidized food.

9. **Research and training opportunity -** MGUMST is a research-driven organization where clinical care and teaching-learning process go hand in hand. Employees are given not only support but also are encouraged with commendation certificates and they are given publicity on the University website.

10. **Miscellaneous:** Fully equipped Sports facility and gymnasium are available for the teaching as well as the non-teaching staff.

Close User Group Mobile Plan- The administrative and teaching staff on relevant posts are provided with Close User Group Mobile Phones for better communication.

File Description	Document
Link for policy document on welfare measures	View Document
Link for additional information	View Document
Link for list of beneficiaries of welfare measures	View Document

6.3.2

Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 16.1

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
69	42	25	159	72

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
List of teachers provided with membership fee for professional bodies	[View Document](#)
List of teachers provided with financial support to attend conferences, workshops etc. during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies.	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3.3

Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

Response: 44.2

6.3.3.1 Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
105	70	16	16	14

File Description	Document
Reports of Academic Staff College or similar centres Verification of schedules of training programs	[View Document](#)
List of professional development / administrative training programmes organized by the University year-wise for the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Detailed program report for each program should be made available Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	[View Document](#)
Copy of circular/ brochure/report of training program self conducted program may also be considered	[View Document](#)
Certified list of the participants who attended the professional development/administrative training programmes during the last five years	[View Document](#)
Certified list of organisations / agencies that sponsored/supported/supervised the programmes	[View Document](#)
Link for additional information	[View Document](#)

6.3.4

Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years..

Response: 16.73

6.3.4.1 Total Number of teachers attending such programmes year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
95	203	51	36	62

File Description	Document
List of teachers who attended Faculty Development Programmes including online programmes during the last five years	[View Document](#)
List of sponsoring/supporting/supervising agencies	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E-copy of the certificate of the program attended by teacher	[View Document](#)
Annual reports of the IQAC and the University for the last five years.	[View Document](#)
Annual reports of the AQAR submitted to NAAC	[View Document](#)

6.3.5

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

Response:

Introduction

MGUMST has carefully drafted and meticulously executed Performance Appraisal System (PAS) to review and appraise the performance of the faculty and non-teaching staff annually. Each faculty and non-teaching staff are assessed on various criteria. The elaborate system is initially applied through the Head of the Department and subsequently evaluated by the Director / the Dean of the respective college.

Objectives of PAS

- To bring about development in staff through encouraging appraisal system.
- To evaluate properly all the staff members in inclusive areas for the development of conducive working environment.
- To have healthy competition among the faculty members in all three major areas of appraisal: Academics, Research and Administration
- To promote teamwork by engaging all faculty in Institution development programs To align the individual objectives of faculty with Department/University goals
- To give more clarity to individuals in executing their responsibilities To bring flexibility in the evaluation system

Important Features of PAS for teaching faculty:

Transparency is faculty evaluation is a key feature. Performance appraisal and measurable output parameters are known beforehand by the faculty. Appraisal of his/her performance based on the objectives and measurable parameters are understood by the faculty. Designation wise group is formed for the purpose of grading performance.

Appraisal System for Non-Teaching Staff:

On the similar lines of the "Performance Appraisal System" for teaching staff, the performance of the non-teaching staff is also assessed annually to review and appraise their performance. Each nonteaching staff is assessed on various criteria as briefed hereunder.

Assessments are conducted by the immediate supervisor of the Department/HoD of the Department (wherever applicable) or the Head of the functional area. Disciplinary matters and breaches/violations of MGUMST norms are also assessed individually. Areas of improvement are identified and conveyed to the staff. Commendable contributions are recorded for succession plans and for future grooming of the staff.

Process of Performance Appraisal:

The performance appraisal process starts with the employee assessing his/her performance (Self-appraisal) and culminates with assessment by the Head of Institute. The process is as follows :

- Self - Appraisal by the employee
- Reviewed and recommended by Head of Unit/Section followed by Head of Department
- Approval/disapproval is decided by the Head of Institute/Vice Chancellor

File Description	Document
Any additional information	[View Document](#)
Link for performance appraisal policy of the institution	[View Document](#)
Link for additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Introduction

The MGUMST is a self-financing Institution. The main source of funding is fees from students and receipts of Indoor and outdoor patients. Deficit/shortage is to be met out through:

1. Funding from financial institutes/banks in the form of working capital/term loan

2. Corpus donation and/or

3. Funding from sponsoring body

The MGUMST endeavors for the optimization of receipts and utilization of resources on the concept of Value for Money. All over efforts are to made for optimization of available resources and utilization of funds/resources to be made only after proper evaluation of its requirements and as per approval from designated authority by following the due procedures.

Receipts from students, sale of pharmacy and hospital being the major source of income. To ensure that no available seats for various recognized courses remain unoccupied, counseling and advertisement for the same highlighting unique features and strengths of the campus is done. Tie-up/collaboration with corporates and other institutes is explored.

In order to optimize hospital receipts, appropriate budget allocation for various health care awareness programs, camps, campaigns to be conducted. Business associations and tie-ups with major corporates for comprehensive health care services are made. Controls are implemented to curb any possibility of revenue leakages.

Incentives to faculty for research activities are to strengthen research-based, innovative, cost-effective treatment and allied services.

Optimal utilization of funds

For optimization of available funds/resources, the Institute follows budgeting for revenue and capital expenses both with expected cash flow/frequency.

The strategies for optimal utilization of resources include –

1. Preparation of budget

2. Allocation of funds to various activities

3. Close monitoring of expenses against budget and variance reasoning

4. Centralized purchase department

5. Major expenses require prior approval and are routed through designated review committee for due diligence and recommendation

Best Practices for utilization of resources:

The Board of Accounts discusses and evaluates the budget proposals of each department and consolidates for the institute and forwards to the Board of Management for approval

There is special emphasis on ensuring that money is expended on the purposes for which it is budgeted.

Deviation regularization- Variance from the budget is discussed with HOD in terms of controllable and non-controllable. Corrective actions are prescribed and approved by the competent authority and periodically appraised to the Board of Accounts.

To ensure cost-effective purchases, all purchases are routed through centralized purchase department as per designated authority.

There is a separate transportation department for optimization of vehicle usage and monitoring on its running & maintenance costs.

Careful planning and scheduling are done so that all research labs, classrooms, and other facilities are shared by all the departments/units of the Campus thereby ensuring that they are utilized to the fullest extent.

In the case of all research grants received, a separate ledger account is opened for each project to facilitate close monitoring and utilization of funds.

File Description	Document
Any additional information	[View Document](#)
Link for procedures for optimal resource utilization	[View Document](#)
Link for resource mobilization policy document duly approved by BoM / Syndicate / Governing Council	[View Document](#)

6.4.2

Funds / Grants received from government / non-government bodies / philanthropists during the last five years (excluding scholarships and research grants covered under Criterion III)

Response: 51

6.4.2.1 Total funds / Grants received from government /non- government bodies year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1	5	20	0	25

File Description	Document
Provide the budget extract of audited statement towards Grants received from non-government bodies, individuals, philanthropist duly certified by chartered accountant and/or Finance Officer	[View Document](#)
List of government / non-Governmental bodies / philanthropists that provided the funds / grants	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of letter indicating the grants/funds received by respective agency as stated in metric	[View Document](#)
Audited statements of accounts for the last five years (Refer annexure number -01 as per SOP)	[View Document](#)

6.4.3

Institution conducts internal and external financial audits regularly

Response:

Introduction

The University meticulously conducts both independent **External Audit** (statutory audit**)** as well as **Internal Audit**. The timelines for the same are stringently adhered to and executed with the necessary due diligence. Statutory audit is done once in a year, by an external auditor appointed by banks on quarterly basis while the internal audit is executed concurrently by in house team.

External Audit

Statutory auditors appointed under the regulations of the University conduct the external audit in accordance with generally accepted auditing standards prescribed by the Institute of Chartered Accountants of India.

They conduct the audit procedures to obtain reasonable assurance about-

1. whether the financial statements are free from material misstatement and give a true and fair view of the state of affairs at the year-end.

2. The external auditors also review the status of procedural and transactional compliance in all financial transactions of the University.

They shall vouch:

- Whether expenditure has been incurred in accordance with the framed guidelines, as per established procedures/system

- Whether strong internal control/checks are in place for monitoring of expenditures
- Whether applicable statutory requirement have been complied with
- Whether proper records have been maintained and documents have been kept in the secured form
  Whether all discrepancies/suggestions made in the previous audit report has been complied with
- The Board of Accounts considers the audited annual financial statement and submits its recommendation to the Board of Management for approval.

Concurrent audit is done by an external chartered accountant firm appointed by the lending bank and same is conducted in accordance with the direction/prescribed format of the respective Bank on quarterly basis. The Auditor submits its report directly to the appointing bank.

Internal Audit

The university has established in-house Internal Audit Department in the year 2014**.** Internal audits streamline all transactions and check the compliance level across the hierarchy. Internal audit is more focused on the authenticity of financial transactions and monitoring of tax and other regulatory compliances.

The object of the Internal audit is to ensure the effectiveness of internal controls and risk management processes to enhance governance and achieve organizational objectives

Internal controls are implemented to safeguard the assets of the University, ensure compliance and to facilitate achieve organizational goals.

To check effectiveness of the internal controls, Internal Audit is planned in such a way that it covers every aspect at least once in a year.

They shall vouch:

- Whether expenditure has been incurred in accordance with the framed guidelines, as per established procedures/system;
- Whether due diligence has been exercised in the procurement of goods and services
- Whether expenditures have been incurred within the delegation of financial power defined by the institute from time to time
- Whether funds has been utilised within the budgetary provisions and for the purpose for which they were meant;
- Whether applicable statutory requirements have been complied with

There is a follow-up procedure of reviewing and updating to ensure that the same Audit objections are not repeated.

File Description	Document
Link for financial audit reports for the last five years (Refer annexure number -01 as per SOP)	View Document
Link for policy on internal and external audit mechanisms	View Document

6.5 Internal Quality Assurance System

6.5.1

Instituion has a streamlined Internal Quality Assurance Mechanism

Response:

The Introduction

Internal Quality Assurance Cell (IQAC) of Mahatma Gandhi University of Medical Sciences and Technology (MGUMST) was established on 20-5-2020. The structure of IQAC consists of:

- Head of the Institution
- Teachers representing from all levels of various units of the university
- A member from the Board of Management
- Senior Administrative Officers of the University
- One nominee each from

1. Local society
2. Students
3. Alumni

- One nominee from

1. Employers
2. Industrialists
3. Stakeholders

- Senior Teacher as the Coordinator/Director
- Secretary to Coordinator

Aims and Objectives of IQAC, MGUMST:

1. To improve institutional functioning towards quality enhancement and facilitate internalization of the quality culture.
2. To enhance and integrate the various activities of the institution and institutionalize many good practices.
3. To provide a sound basis for decision-making to improve institutional functioning
4. To enhance internal communication.

5. To streamline all the activities at MGUMST for developing culture for quality.

Initiatives taken by IQAC related to quality enhancement and improvement:

Curricular Aspects

After discussion with IQAC Members, new programs were initiated by the university. Revision of syllabuses, new value added courses, elective course system in various programs and online Feedback mechanism from various stakeholders were also initiated by the IQAC.

Teaching-Learning and Evaluation

E-content development, special programs for advanced and slow learners, newer student-centric teaching and evaluation methods, faculty development programs and reforms in evaluation methods were initiated by IQAC

Research, Consultancy and Extension

Promotion of research as well as providing incentives for good quality research was emphasized by IQAC.

Faculty members of the university were trained for intellectual property rights, research methodology and startups.

Infrastructure and Learning Resources

As an initiative by IQAC, State of the art soundproof lecture theatres were constructed in the campus with lecture capturing system. Modern skill laboratories and blood centers were also established.

Student Support and Progression

Student council activities were encouraged. Registration of the Alumni Association of Mahatma Gandhi University of Medical Sciences and Technology, Jaipur was done. Alumni of MGUMST were encouraged to actively participate in various activities.

Governance, Leadership and Management

To strengthen e-governance enterprise resource planning (ERP) software has been procured on the recommendation of IQAC. Other e-governance software used are Hospital Information Management System (HIMS), Pay-time, Telly, KOHA, Inflibnet and Moodle.

Innovations and Best Practices

Initiatives like regular celebration of all commemorative days, regular conduction of all quality audits, providing disabled and barrier-free environment, and skill enhancement by various training programs are strengthened by IQAC.

Other Activities initiated by IQAC are as follows-

Curriculum Implementation Support Programme

Training programme on quality parameters under faculty development programme Training Programme on Office Management and documentation for Non-teaching Staff

Training on the preparation of qualitative response and documentation towards NAAC Accreditation Training cum Video preparation programme

E-Content Development

Workshops on Intellectual Property Rights-Legal Aspects, Patents, Current scenario.

Details of other quality-related programs

LABORATORY TRAINING PROGRAM.

1. AHPI 10th Global Conclave 2023
2. Improving Research Output
3. Competency Based Dental Education – Teaching Learning Methods
4. E-Record Management & Data Centralization

LABORATORY TRAINING – 01 (April)

1. BMW management
2. Spill management
3. Hand Hygiene
4. Fire Safety
5. Needle Stick Injury
6. Emergency codes

LABORATORY TRAINING SCHEDULE (January 2023 to March 2023)

1. Technical topics for respective laboratories
2. Personal Protective. Equipment (PPE)
3. Spill management
4. Hand Hygiene
5. Material safety and Data sheet (MSDS)
6. Communication
7. Infection Control
8. Equipment operation and maintenance
9. HR policies
10. QMS/ NABL awareness and update
11. QC, EQAS and ILC
12. Sample stability and storage
13. Fire safety

LABORATORY TRAINING SCHEDULE (October 2022 to December 2022)

1. Customer confidentially
2. ILC, EQAS and QC
3. Infection control.
4. Sample accession
5. Document control
6. Equipment operation and maintenance
7. STAT sample processing
8. System discontented
9. Hand hygiene.
10. Technical topics for respective laboratories
11. Biomedical Waste Management (BMW)
12. Quality indicator
13. QMS/ NABL awareness and update

LABORATORY TRAINING SCHEDULE (July 2022 to September 2022)

1. Fire safely
2. Communication
3. HR policics
4. Malarial safety and Data sheet (MSDS)
5. ILC, EQAS and QC
6. Sample stability and storage
7. Technical topics for respective laboratories
8. Spill management
9. MGH
10. Laboratory safety and precautions
11. Equipotent operation and maintenance
12. QMS/ NABL awareness and update
13. Personal Protective Equipment (PPE)
14. Quality indicator

LABORATORY TRAINING SCHEDULE (April 2022 to June 2022)

1. Hand hygiene
2. Biomedical. waste management (BMW)
3. Infection control
4. Document control
5. Technical topics for respective laboratories
6. System documented
7. Sample accession
8. ILC, EQAS and QC
9. Quality indicator
10. QMS and NABL awareness
11. Equipment maintenance and operation
12. Customer confidentiality
13. STAT sample processing

MGUMST did quality certifications like ISO, NABH and NABL as a part of quality assurance and

sustenance.

Academic and Administrative audit (AAA) works on evolving strategies to remove deficiencies and enhance quality to achieve holistic academic excellence.

IQAC of MGUMST is dynamic and functional and works for various tasks for quality management and Enhancement.

File Description	Document
Link for the minutes of the IQAC meetings	View Document
Link for the structure and mechanism for Internal Quality Assurance	View Document
Link for the report on the initiatives for the appointment of a fulltime Director/Officer for the IQAC	View Document
Link for additional information	View Document

6.5.2

Quality assurance initiatives of the Institution include:

1. **Academic and Administrative Audit (AAA) and initiation**

   of follow-up action

2. **Conferences, Seminars, Workshops on quality**

3. **Collaborative quality initiatives with other Institution(s)**

4. **Orientation programmes on quality issues for teachers**

   and students

5. **Participation in NIRF process**

6. **Any other quality audit by recognized State, National or**

   International agencies (ISO, NABH, NABL Certification,

   NBA, any other)

Response: C. Any four of the above

File Description	Document
Report /certificate of the Quality Assurance Initiatives as claimed by the Institutions eg: NBA, ISO, NABH, NABL, AAA etc.,	[View Document](#)
Institutional data in prescribed format	[View Document](#)
e-copies of the accreditations and certifications	[View Document](#)
Annual reports of the University	[View Document](#)
Link for AQARs prepared by IQAC.	[View Document](#)
Link for additional information	[View Document](#)

6.5.3

Impact analysis of the various initiatives carried out and used for quality improvement

Response:

Introduction

IQAC of MGUMST identified various domains and undertook quality initiatives which led to the following improvement in the University. A brief summary of the impact analysis of these initiatives is as follows:

Curricular Aspects

Many new fellowships and other capacity-building programs were introduced by the university. Revision of syllabuses was done in many programs, new value added courses, and elective course system in various programs were initiated. An online Feedback mechanism from various stakeholders was also initiated.

Teaching-Learning and Evaluation

Many teachers of the university were trained for e-content development. For improvement in the student performance, special programs for advanced and slow learners were introduced by the mentors of the students. Newer student-centric teaching methods like hands-on training in skill labs and also in evaluation methods like objective structured clinical examination (OSCE) were introduced.

Research, Consultancy and Extension

More and more emphasis is done on promoting research in the University. Many teachers were given seed money and incentives for good quality research. Workshops and programs have been organised for the faculty members of the University to train them in research methodology and intellectual property rights (IPR), research methodology. Effective industry academia collaborations/ MOUs have been initiated. Several awards and recognitions have been received by students, and faculties.

Infrastructure and Learning Resources

State of the art sound proof lecture theatres were constructed in the campus with lecture lecture-capturing system.

Modern skill laboratories and blood centres were also established.

Student Support and Progression

Student council activities were encouraged. Registration of the Alumni Association of Mahatma Gandhi University of Medical Sciences and Technology, Jaipur was done. Alumni of MGUMST were encouraged to actively participate in various activities. The alumni are encouraged to provide support to the students.

Regular evaluation of the progression of the alumni students is done in the University.

Governance, Leadership and Management

To strengthen e-governance enterprise resource planning (ERP) software has been procured. Other e-governance software used are Hospital Information Management system (HIMS), Pay-time, Tally, KOHA, Inflibnet for improved patient care and education. New strategic plan Vision 2035 was discussed how to further improve standards in all the domains.

Innovations and Best Practices

Regular celebration of all commemorative days, and regular conduction of all quality audits was done in the

university. All the infrastructure of the university provides disabled and barrier-free environment. Capacity

building and skill enhancement training programs were initiated by the university.

File Description	Document
Link for relevant documents/information on the process and results of impact analysis on the above aspects	[View Document](#)
Link for additional information	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Measures initiated by the institution for the promotion of gender equity during the last five years.

Response:

Introduction

MGUMST is dedicated for facilitating a conducive environment for gender equity of all female students & employees.

In Curricular Activities: The gender sensitization action plan is well defined with the foundation course and through the AETCOM module and other curricular activities in different courses. Gender sensitization meetings are organized every year in December. Dr Swati Garg, Director, Maternal and Child Health herself has been member of gender-related committees. Key features of meetings are - orientation towards gender equity, the introduction of various committees to protect their rights (Internal Complaints committee, code of conduct committee) as well as sensitization of previous years gender-related issues.

For so many years, female students in all institutions are performed better than male students in most of the batches. Gender-related issues are covered in AETCOM module and curriculum of all the programs offered. In the University female students have privilege of getting two extra books from the library.

In Co-Curricular Activities: The University has undertaken various initiatives including feedback from female students and action has been taken accordingly. Foreign students from Belgium are coming in the University to get internship training and reside in the campus without any hesitation and fear. Dr Priya, a faculty of our University has published a book "Pritha" addressing female issues.

MGUMST pays meticulous attention towards promotion of gender equity and has placed five sanitary vending machines. Equal opportunities are given to female students without any gender discrimination as reflected in our students' fest, cultural programs and round-the-clock duties in the hospital. The hospital is having dedicated female staff at accounts, reception, oncology units and as security guards, wherever necessary.

Following measures and actions are taken to promote gender equity at campus-

Safety & Security

The campus is well illuminated with 200 security guards including 18 female guards, 750 CCTVs, Fire system, disabled-friendly ramps and railings. All Vehicles and individuals are properly checked and under surveillance at entry and exit points. Wardens reside in the University campus for ease of availability to deal with any emergency occurring in the University Hostels.

Counseling

At the time of admission, proper counseling is provided to all the students in the foundation course. Student council has been established in the college to look after all problems of students. Mentors are provided to all the students. Counselor is available in Psychiatry OPD for female staff and students whenever needed. Different departments of the University organize awareness programs regularly.

Common room

University provides common rooms for all female students as well as duty rooms for postgraduate students with basic amenities.

Day Care Centre

The trained female staff is appointed and looks after the kids of the employees and post-graduate students.

Code purple, Anti-ragging, Zero tolerance on caste and gender as well as Strict adherence to reservation policy during admission signifies the dedication of MGUMST to Gender equity and safety. Audits are conducted on security and Gender discrimination regularly and suitable measures are suggested accordingly.

File Description	Document
Any additional information	[View Document](#)
Link for specific facilities provided for women in terms of- a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)
Link for additional information	[View Document](#)
Link for annual gender sensitization action plan	[View Document](#)

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: Any Four of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geo-tagged photographs of the facilities	[View Document](#)
Any additional information	[View Document](#)
Link to additional information	[View Document](#)

Other Upload Files	
1	[View Document](#)
2	[View Document](#)

7.1.3

Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**

- **Liquid waste management**

- **Biomedical waste management**

- **E-waste management**

- **Waste recycling system**

- **Hazardous chemicals and radioactive waste management**

Response:

Introduction

MGUMST is dedicated to use its resources and providing a clean eco-friendly environment with proper waste management and infection control measures.

Solid waste management:

Waste management & recycling helps the campus to achieve its goal to reduce the amount of waste production. The major sources of solid waste generation are hospital followed by various hostels and kitchens. Waste is collected daily from dustbins and sent to authorized vendors as per the MOU of the University. Organic solid waste is treated on-site with an organic waste convertor.

Liquid waste management

The specification and design of all water systems enable the management staff to monitor the system by remote means. The total water consumption of MGUMST is 1791 KLD out of which is 786 KLD as recycled water. Water monitoring is done regularly to analyze the unit cost of water and the volume of water used.

The wastewater treatment process facilitates the treatment of existing contaminants in the water or reduces the concentration of such contaminants so that the water becomes fit for the desired use. Wastewater generated in the campus is disposed off into 3 sewage treatment plants (STP) of a cumulative capacity of 600 KLD based on MBBR technology which is in under progress to increase to 850 KLD.. The sludge settled in the STPs is removed and is used as manure for the gardens and landscaping. Thus, the entire wastewater which is generated in the campus is treated and used. Effluent treatment plant (ETP) is also placed in the campus for the safe disposal of Water.

Biomedical waste management

Storage of biomedical waste is done as per BMW rule 2016 and subsequent amendments. Color-coded bins are placed at desired places wherever necessary. Hospital is NABH accredited and has robust biomedical waste management with policies as per NABH guidelines. BMW is sent to CBWTF in bar-coded nonchlorinated bags..

E-Waste management

Electronic wastes include computer monitors, printers, scanners, keyboards, mics, cables, television tubes, Kitchen equipment (toasters, coffee maker, microwave ovens) and laboratory equipment. E-waste collected at the site is transferred for wiping or recycling to the local vendors every year.

Waste recycling system

Bio gas plant using kitchen waste generates gas to cook food in the kitchen. Paper is cut in small pieces to be recycled for reuse. Waste water is recycled to produce clean water for reuse.

Hazardous chemical and Radioactive waste management.

Waste disposal in the hospital is based on the guidelines of PCB and NABH/ NABL. The rules, regulations and methods employed comply with their directions.

Radiation safety measures: The conventional X-ray rooms, CT, MRI, and Cobalt are designed, approved& certified by AERB. The Radio diagnosis & Radiotherapy departments follow the guidelines set out by the AERB. Standard safety precautions are observed by Radiologists and Radiotherapists. Thermo- illuminant dosimeter badges are used by all staff and Post Graduate Students to monitor radiation exposure. No case of over dosage has been reported in the last 5 years.

File Description	Document
Any additional information	[View Document](#)
Link for Geo-tagged photographs of the facilities	[View Document](#)
Link for additional informaton	[View Document](#)
Link to relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)

7.1.4

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional informational	[View Document](#)
Geo-tagged photographs / videos of the facilities	[View Document](#)

7.1.5

Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of Plastics**
5. **Landscaping with trees and plants**

Response: Any Four of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional informatiom	[View Document](#)
Link to additional information	[View Document](#)
Geo-tagged photos / videos of the facilities	[View Document](#)

7.1.6

Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

- **Green audit**
- **Energy audit**
- **Environment audit**
- **Clean and green campus recognitions / awards**
- **Beyond the campus environmental promotion activities**

Response: Any Two of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)
Audit reports of the institution related to the metric	[View Document](#)

7.1.7

The Institution has disabled-friendly, barrier free environment

- **Built environment with ramps/lifts for easy access to classrooms.**
- **Divyangjan friendly washrooms**
- **Signage including tactile path, lights, display boards and signposts**
- **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: All of the above

File Description	Document
Relevant documents / reports	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for relevant geo-tagged photographs / videos	[View Document](#)

7.1.8

Describe the institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words)

Response:

Introduction

MGUMST advocates the principles of tolerance and harmony keeping with the words of Mahatma Gandhi '*Vaishnav jan to taine kahiye jo peer parai jane re'*, even all the CUG phones of the University have the same caller tune. It aims to produce graduates who deliver quality health care with passion and empathy to all sections of society.

University has a multicultural, multilingual students and faculties from different states of the country and from different socioeconomic backgrounds. Students and faculty from other countries visit the University on regular basis.

Annual student fests and gatherings: Students of different communities and backgrounds come together for these activities. Students had organized De Fiesta Revive, De Fiesta, De Fiesta Invictus , De Fiesta Corona, ecstacy which are Sports and Cultural Fests held in the University.**Cultural and Religious festivals** are celebrated by students and staff cutting across all faiths and communities including Diwali, Holi,Navratri, Lohri , Karva Chauth, Baishakhi and other festivals. University organizes cultural programs annually in the memory of Late Shri Ramji Lal Swarankar for the students and staff based on Indian Ethos, Art & Culture and Epics of India since last 20 years in which Artists of International and National repute are invited to perform and students/staff actively participate with joy and enthusiasm promotting harmony and tolerance towards cultural, regional, linguistic, and socioeconomic diversities.

Patriotic Initiatives: Republic Day and Independence Day are celebrated by students and staff members. The National Anthem is sung at every major function. Uri movie shown to faculty as an initiative by Hon'ble Vice Chancellor to promote patriotism.

Institute declares of academic calendar in advance every year to be availed by employees for celebration as per their faith and religion.

English Language Classes are arranged as per curriculum in the programs offered. Use of Hindi is common for bed side teaching and other classes to overcome communication barriers.

Regular healthcare camps and educational/counselling sessions are organized for underprivileged in semi- urban and rural areas including schools to give opportunities to post graduate students to enhance communication skills in real life scenario.

Chirinjeevi Yojana and Janani Suraksha Yojana provide free health care to patients and employees. Insurance schemes for employees and their families provide health facilities at very affordable cost.

Community services: DOTS centre, Thalassemia Day Care Centre, Intra ocular lens for cataract patients, free drugs in camps, facilities for under privileged children in ashram, school health check up camps and free Covid vaccination add inclusive environment in day-to-day working.

Collaborations for community benefit: Sports Authority of India for Para-Olympic tournament to disabled, AIM for Seva Foundation, Cervical Cancer project , IAP BLS mass community skill development & various cultural programs with Spic Macay created harmony and tolerance among students.

Spiritual speeches from Vivekanand Foundation, Ustad Shujaat Hussain Khan and motivational speeches from Padamshri Dr R P Soonawala and other international fame speakers in oration of the University attracted intellectuals from outside as well.

The institution organizes **Convocation ceremony** where the presence of outstanding personalities motivate students and raise overall enthusiasm.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

7.1.9

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

Response:

Introduction

MGUMST follows constitutional obligations both in letter and in spirit. The name and emblem of university represent dedication to values. 'LEARNING', 'SERVING' and 'HEALING' which are identified as Graduate Attributes to be achieved by every students.

Fundamental Duties and Rights

University has taken following initiatives to inculcate values:

Preserve Culture

Major cultural/religious festivals such as Diwali, Holi, Baishakhi, Lohri and Navratri are celebrated by students and staff of all religion.

Students of different backgrounds join to organise festivals , cultural events, sports and academic activities.

Respect to National Flag, National Anthem and National Integrity

National Flag is hoisted on Independence Day and Republic Day. Tributes to Gandhiji are made by garlanding the statue. Patriotic songs are sung by the students.

Environmental Preservation

The hospital received Swachhta award from Rajasthan Patrika. Students participate in tree plantation drives .

MGMUST encourages carpooling and use of public transport. There is a ban on plastic in the entire campus.

Small plants and saplings are given as gift to the faculty in various programs.

Defend the country and national services during issues affecting community

In pandemic time, fundamental duties were learned and propagated by University.

Disaster management mock drills and mass basic courses are organized to serve community and country

Free health camps, blood donation camps and IEC activities sensitize students to community health problems.

Contribution to PM care fund, Chief Minister Relief Fund were made by the University. Appreciations were received from Chief Minister, Health Minister, District Collector and various distinguish dignitaries for the contribution made by the University.

Protect sovereignty & integrity of India

University has unity and never ever any communal or regional unconstitutional issues has been raised in the campus since its inception.

Developing ethical & scientific approach

AETCOM module has been incorporated into curriculum to develop ethical, scientific and communication skills of students.

Workshop on Research Methodology, ethical practice are organized for faculty and students. Students are trained to develop communication skill with integrity.

Right to Equality & Freedom and Protection against Exploitation

Internal complaint committee, Anti-Ragging Committee and Student Council are functional Gender Sensitization program are held in all constituent colleges of the University.

Mentor Mentee program is running for support and conditioning of students throughout the year

Right to Freedom of Religion, Culture and Education:

Student Council provides a platform for students to communicate with management. Students are members of IQAC and other committees at the University.

All employees are treated equally irrespective of religion caste & creed. Restricted holidays are granted for cultural festivals,

Right to participate in democratic process

Holidays are declared for students and staff to participate in democratic process and cast vote. Convocation ceremony and lectures are organized to inculcate constitutional values and to motivate the students.

File Description	Document
Any additional information	[View Document](#)
Link additional information	[View Document](#)
Link to details of activities that inculcate values, necessary to render students in to responsible citizens	[View Document](#)

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of conduct is displayed on the website**
2. **There is a committee to monitor adherence to the code of conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on code of conduct are organized**

Response: All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Institutional code of conduct and code of ethics	[View Document](#)
Details of the monitoring committee of the code of conduct	[View Document](#)
Web link of the code of conduct	[View Document](#)

7.1.11

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

Response:

Introduction

MGUMST strongly believes that it is paramount to preserve and protect our national identity and culture by increasing awareness in young students about our glorious heritage. The leaders of the Indian freedom struggle played a great role in developing national strength and unity and left us the invaluable legacy of a free, democratic India. Our country has several eminent personalities whose vision has set an example to the rest of the world as "unity in diversity".

University sensitizes students to inculcate a sense of national pride and patriotism through celebration of Independence day and Republic day. On these auspicious days, Tricolor is hoisted and National Anthem is sung.Various speeches are to motivate and inculcate patriotism, unity, service towards nation amongst students and all given by chief guest and dignitaries.

National Festivals as Diwali, Navratri, Holi, Lohri, Karva chauth and other religious festivals are celebrated by students and staff member as per faith with great enthusiasm. International days of significance are also celebrated by students to become conscientious world citizens.

Days are celebrated in form of continued education programs for the students in various departments like popular program run by the University "Sehat Ki Baat" for the public in hospital reception area.

To add further following National and International commemorative days, festivals and celebratory functions are held by institute -

World Environment Day

Wrold Maleria Day

World Pre maturity day

World Human Milk Donation Day

World Immunization Week

International Women's Day World tuberculosis day

World health day

International day of the girl child Children's day or Bal Diwas National Constitution day

World physiotherapy day : rally, poster presentation and seminars. International Nurses Day

Eye donation week

International day of yoga : yoga demonstration and training session for the community, staff & students. International Laboratory Professional week

Breastfeeding week

World cerebral palsy day

World suicide prevention day : CME progammes

World mental health day : patient and caregiver felicitation, CME, free camp and quiz for undergraduates. International day of persons with Disabilities

World Oral health day World Autism day World anesthesia day World Radiography day

Global Hand washing day World Bio ethics day World Arhtitis day

World Psychiatry day World Sepsis day international leprosy day International Nurses day Patient safety day

World blood donar day World asthma day World shizophrenia day World breast cancer day World sight day

World heart day World no tobacco day

World hospice & palliative care day World cancer day

World Thalassemia day World Obesity day World Teen mental day

MG Dental college- Awareness programs are being organised regularly by different departments at a regular interval involving the community and the students.

MG Occupational therapy College - For the differently abled children like autism, cerebral palsy and other muscular dystrophies different international days are celebrated with marathons and awareness programs for parents.

File Description	Document
Any additional information	[View Document](#)
Link for annual report of the celebrations and commemorative events for the last five years	[View Document](#)
Link for Geo-tagged photographs of some of the events	[View Document](#)

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice 1

1. **Title of the Practice: Organ Transplantation and Organ Donation**

2. **Objectives of the Practice**

Mahatma Gandhi Hospital (MGH) under the aegis of Mahatma Gandhi University of Medical Sciences and Technology (MGUMST) is a pioneer Institute in the field of organ transplantation not only in the state of Rajasthan at National and Global levels.

Objectives of the practice are-

1. To provide comprehensive, most modern and affordable healthcare to the people needing organ transplantation**.**

2. To promote awareness, motivate the community and induce a behavioral change in the people towards organ donation especially deceased organ donation.

3. To develop MGH as an apex Institute in the field of organ transplantation encompassing a broad spectrum of kidney, liver, heart, pancreas, bone marrow, small bowel and corneal transplantation.

3. **The Context**

There is universal shortage of organ donors globally but India lags far behind in comparison to the rest of the world. Nearly every person who dies naturally or in an accident, is a potential organ donor. Even then, innumerable needy patients cannot find an organ donor. When organs are not functioning properly and no treatment works out in last stage, transplantation may be the only option to save the patient and lead a normal and healthy life.

There is a wide gap between patients who need transplant and the organs available, in the country. An estimated 1.8 lakh persons suffer from renal insufficiency every year, however the number of renal transplants done are around 6000 only. Annually about 25 thousand liver transplants are needed in India but about only one thousand five hundred liver transplants are being performed. Only 10-15 heart transplants are done annually in India whereas the requirement is much higher.

4. The Practice

Our state-of-the-art Transplant center is equipped with:

Dedicated 06 (six) Operating Theatres, customized for transplant surgeries. 02 OTs for Kidney Transplant, 02 OTs for heart transplant and 02 OTs for Liver & other Gastrointestinal transplant surgeries.

Dedicated, state-of-the-art post-transplant ICUs (Intensive Care Unit) and step-down units. Advanced blood center facilities for pre and post-transplant cross matching.

High end laboratories for all transplant related tests and investigations, in-house.

Diagnostic and Radiology Facilities which include 3 Tesla MRI, 128 Slice CT scan, machine and high-end Doppler Ultrasound facilities.

Dedicated wards and rooms for transplant patients.

Counselors and Transplant Co-coordinators to take care of all needs. Translators to counsel patients in all languages.

Dedicated help lines and unit managers to take care of treatment needs and requirements. Dedicated and trained nursing staff for pre-operative and post-operative care.

Renal Transplant Center

MGH is at the forefront in providing comprehensive and cutting-edge healthcare to patients needing renal transplants. We have performed 1927 kidney transplants so far and are presently doing one renal transplant every calendar day. A multi-disciplinary team of urologists, nephrologists, technicians and paraclinical staff are empowered with state-of-the-art infrastructure and medical instrumentation.

The lifestyle diseases have contributed to an increase in chronic kidney problems. Chronic kidney disease in India is prevalent in approximately 800 per million people. Our hospital is very popular amongst the patients and people from different part of country prefer Mahatma Gandhi Hospital by registering here for live donor transplant, considering the quality of care provided.

The procedures for kidney transplantation include:

Living donor kidney transplants (Swap and ABO Incompatible) Cadaveric renal transplantation

Laparoscopic donor Nephrectomy

Robotic assisted donor nephrectomy (soon to be started)

The hospital has high end technological infrastructure and medical facilities that allow safer, better and comprehensive medical care with a high success rate. The Institute is also supported by world class services in transfusion medicine, pathology, laboratory medicine, cardiology, endocrinology, nephrology and pulmonology, all of which together give us that extra edge.

Liver, Pancreas and Small Bowel Transplant Center

Every liver transplant is an amalgamation of the highest level of expertise in liver, biliary and vascular surgery, as well as advanced support from experts in liver and biliary surgery, adult and pediatric hepatology, hepatobiliary and transplant anesthesia, critical care, diagnostic and interventional radiology, and liver oncology. Experts from all these specialties have come together under one roof to create an unparalleled oasis of talent at MG hospital and medical college. The liver transplant centre is committed to a scientific, compassionate and patient-friendly approach. So far, we have done 93 liver transplants. We have performed 01 pancreas transplant till date, and we are ready to start the small bowel transplant surgery. Liver transplantation adds a significant survival benefit to the patients having NASH (fatty liver inflammation), Liver Cirrhosis (end stage), Liver tumors etc. Pancreas transplantation is highly beneficial for patients with pancreatic and associated tumors.

Heart and lung Transplant

Heart transplant is a very complex surgery and requires expertise of a Cardiothoracic Surgeon trained in transplant, a cardiologist, perfusionist and a dedicated team of paraclinical personnel. Extensive infrastructure is needs for the heart transplant surgery and the post-operative care. Mahatma Gandhi Hospital has all the facilities needed for this surgery at a single point. We have performed Two heart transplant and one lung transplant. We have a list of recipients prepared for both heart and lung transplant, and the surgeries are performed as when the cadaveric organ becomes available, as in this surgery a diseased heart is replaced with a cadaveric donor's healthy heart.

The center has performed North India First Heart Transplant and First-time Liver and Pancreas Transplant in State of Rajasthan. The center has performed 48 Bone Marrow transplants successfully.

5. Evidence of success

Under the leadership of highly skilled transplant surgeons, MGH has successfully achieved following in last 6 years:

More than 1927 renal transplants including more than 50 ABO incompatible renal transplants, more than 50 swap renal transplants and 17 cadaveric renal transplants.

93 liver transplants

Two heart transplant

One pancreatic transplant One lung transplant

Mahatma Gandhi Hospital is also a recognized center for cornea transplant, bone marrow transplant and

skin transplant. The center has performed more than 20 cornea transplants, 48 bone marrow transplants and one skin transplant.

Mahatma Gandhi Hospital under the aegis of MGUMST is first teaching hospital in the state to perform Heart transplant

Pancreatic transplant

Living Donor Liver Transplant Cadaveric Liver Transplant Cadaveric Kidney Transplant

Mahatma Gandhi Hospital has got license for bone transplant and intestine transplant, uterine transplant, arms & limbs transplant as well from Government of Rajasthan.

6. Problems Encountered and Resources Required:

The major problem and challenge that lies ahead is to create awareness amongst the general population about cadaveric organ donation and also, to a certain extent, about related donor organ donation. This can be overcome only by creating more awareness and bringing out successfully treated patients as the ambassadors.

Though, MGH provides the above-mentioned transplant surgeries at the most affordable charges in the State, transplant still remains a costly procedure and post-transplant medication incurs a monthly expenditure from the patient. More philanthropy and social contribution is needed to overcome this problem.

7. Notes

The University plans to enhance the organ donation drive not only in the state of Rajasthan but whole of North India. The University plans to collaborate with NGOs and other institutes to promote Information, Education and Communication (IEC) and Behavior Change Communication (BCC) outreach activities so that donated organs are readily available and each and every precious life can be saved.

The University furthers plans to enhance the ongoing transplantation program to make the transplant center an apex center not only in the state of Rajasthan but also at National and Global levels. Also, we plan to add DM and M.Ch programs in Organ Transplantation Anesthesia and Organ Transplantation Surgery respectively.

The University further plans to have collaborations with other pioneer institutes in the field of transplantation in India and abroad and to initiate students as well as faculty exchange as a faculty development program.

Best Practice – 2

1. Title of the Practice: Skill enhancement through Advanced and Basic Life Support training programs

2. Objectives of the Practice

MGUMST is committed for improving the care of patients in life threatening conditions in emergency room as-well as at the community level, in a field-based setting, through evidence-based skill training. The skill-based courses offered by the University proved to be educational programs with verified and intended set of standards imparting practical and outcome-oriented education. The significance of skill courses is highlighted by the fact that ATLS (Advanced Trauma Life Support) course is now mandatory to work as staff or faculty in surgical domains in majority of European Countries and the USA. Recently, National Medical Council has made skill Lab as essential requirement for all medical colleges. Propagation of Life support courses need to be emphasized at community level in order to deliver the first aid and resuscitative measures in the field setting and also to prevent sudden deaths.

3. The Context

As injury is precipitous and indiscriminate, the medical professional who first attends to the injured patient has the greatest opportunity which impact outcome. For doctors and other qualified healthcare providers and even lay man who faces emergency, ATLS, BLS, ACLS, ATCN and PALS courses and other hands- on training courses provide skills to develop an organized approach to:

Assess the patient's condition rapidly and accurately Resuscitate and stabilize the patient according to priority Determine if the patient's needs exceed a facility's capabilities Arrange appropriately for the patient's definitive care

Ensure that optimum care is provided

Skill courses are measurable, reproducible, and comprehensive system of advanced trauma care, advanced cardiac care, Basic Life Support. The Advanced Trauma Life Support course provides an easy-to- remember method for evaluating and treating the victim of a traumatic event with set standards.

4. The Practice

MGUMST organizes life support programs for various requirements and situations like trauma, hospital emergency, public places etc. as per the following protocols -

1. Planning for the course

2. Assigning the certified instructor

3. Announcement

4. Registration & Pretest.

5. Successful implementation

6. Post test

7. Award of Certificate.

Major areas covered are:

o Identification of cardiac arrest and intervention.

o Choking

o Use of Automated External Defibrillator

o Identification of Need in Trauma , Drowning, Heart attack and other emergencies

o Respiratory and Cardiac emergencies – Identification and Management

o Team work and co-ordination in a high pressure setting.

o Coping with death.

o Cardiac and nursing advance hands on training on simulators and mannequin.

COURSES, INSTRUCTORS AND INFRASTRUCTURE

Our centre has organized 29 ATLS Provider and 7 Instructor courses which are the maximum for any Centre in state of Rajasthan. The University offers these internationally recognized courses with most of the trainers belonging to our Institute. As per the guidelines of our University, every postgraduate student shall attend mandatory advanced skill course before appearing in examinations. We have organized more than 100 BLS courses and now planning to organize 6-7 courses per year. We have conducted mass basic life support courses for police personnel and students. Nursing college has organized 3 ATCN courses for nursing staff and students.

MGUMST has a state-of-the Skill Development and Simulation Lab spread over 850 square meters and is equipped with latest mannequins from Laderal® and simulators including a Virtual Anatomy Dissection Table from Anatomage ®.

ASSOCIATION WITH PRESTIGIOUS RECOGNISED BODIES

ATLS course is updated regularly by prestigious organization of American College of Surgeons. BLS and PALS course are certified by Indian Academy of Pediatrics (IAP). Some of BLS courses are from American Heart Association (AHA) and Anesthesia society.

We are nodal centre for ATLS course of American College of Surgeons (ACS) program to improve quality in trauma, cancer and overall surgical care. The knowledge and skills taught in the course are easily adapted to all venues for the care of patients. This course teaches medical core content in an interactive format. This program provides systemic and concise training for the early care of trauma patients. There are Hands-on skills sessions in simulated trauma settings. If a participant successfully completes this certified course his / her certificate status is valid for 4 years from course date. ATLS course is applicable in both large urban centers and small rural emergency departments.

We have conducted skill courses on **Cadavers** for Musculo-skeletal intervention and ENT endoscopic surgeries. University has round the clock value added skill courses and activities including Neonatal brain ultrasonography, central line insertions, hands-on endoscopic surgeries, critical care workshops and pediatric dialysis, gastro intervention and many more hands on trainings .

5. Evidence of Success:

Successful training is also offered to participants from other states like Jammu & Kashmir, Gujarat, Telangana, Punjab, Maharashtra, Karnataka, Haryana and MP. ATLS course is quite popular amongst

Health professionals from UK, Sri Lanka, UAE, Vietnam, Oman, Bangladesh and Nepal. More than 1300 participants including health professionals have successfully completed these skill courses. **Success of these courses** is recognized by-

Better care in triage and emergency department.

Code blue team is working effectively in institution with protocol-based approach. Standards for successful completion are now established.

Health professionals from outside India are preferring our Institute for training.

Number of patients and beds in ICUs have been increased in the last 3 years and state government official had recognized the effective intensive care of Covid patients.

Permission for New courses in Emergency and trauma medicine has been granted.

Mahatma Gandhi Hospital is having its own faculty as instructor to manage the prestigious courses. Our centre has been chosen as IAP BLS course nodal centre from 2021 to organize BLS courses.

Our centre is main nodal centre for ATLS course.

6. Problems encountered & Resources required

There is an enormous need for development of the above emergency skills amongst the general population and healthcare professionals. To successfully address this need is a challenge and requires:

1. More trainers and course providers

2. More centers on and off hospital premises.

3. More frequent courses

These problems can only be addressed by conducting more training-of-trainers' programs and creating awareness.

7. Notes

Tenth edition of ATLS student course manual is updated in 2018 with enhanced educational content and visual presentation. This course is reevaluated every 4 years by the American College of Surgeons Committee on Trauma and verification is done by VRC (verification review and consultation). ATLS program has changed and will continue to change as advances occur in medicine and the needs and expectation of society changes.

File Description	Document	
Link of the best practices in the Institutional web site	View Document	
Link for additional information	View Document	

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Social Responsibility through Outreach Medical Camps, Advanced Transfusion Services and Telemedicine Services

Mahatma Gandhi University of Medical Sciences & Technology (MGUMST) aims that all the students passing from the University should not only excel in academics, clinical skills and research but also understand their social responsibility in order to be a good citizen.

The unequal distribution of healthcare services poses a major challenge in public healthcare delivery in rural India. Out-reach community services initiated by the University have the following objectives:

1. Promote diversity in student development

2. Serve poor & resource limited community

3. Enhance clinical and communication skills in real life community settings

4. Create inclusive environment for students

In this context, Mahatma Gandhi Hospital (MGH) under the aegis of MGUMST is dedicated to serve needy people by giving maximum benefit through Outreach medical services, Telemedicine services and Transfusion services.

OUTREACH MEDICAL CAMPS

Reaching out to community and under privileged patients is hall mark of the services provided at MGUMST. The outreach services provided by the University on a regular basis include multispecialty medical, blood donation camps and school health checkup camps.

The camps are organized taking in view of following -

1. Community requirement – to reach to the under privileged and under-served section of the society

2. Curricular requirement – providing hands on training and practical experience to the students

3. Prevailing disease and ailment patterns in the specific communities

After assessing the site conditions and camp requirements, a team of medical professionals assisted by post graduate students, paramedical staff and supporting staff is deployed. The camps involve specialist consultation, free medicines, basic investigations and even transportation to Mahatma Gandhi Hospital, in case a referral for further evaluation and management, is needed. Services are provided in different peripheral districts of Rajasthan like Alwar, Banswara, Bharatpur, Bhilwara, Dausa, Jaipur, Jhunjhunu, Karauli, Kota, Sawai Madhopur, Tonk etc., schools and religious places like temples, *gurudwaras, musafir khanas etc*. MGUMST organizes **more than 100 outreach activities every year**, and around 550 such activities have been organized in the last 5 years.

All the constituent colleges of the university i.e medical, dental, nursing, occupational therapy and physiotherapy are involved in providing the outreach medical services.

Future Prospects

The University is planning to have collaborations with other centres and organizations (NGOs) having a similar philanthropic ideology to extend the scope of outreach activities.

ADVANCED TRANSFUSION SERVICES

In order to inculcate the values of Gandhian philosophy for human service and benevolence among the students, the activities like blood donation, platelet donation and plasma donations are conducted. The students are inspired by these activities and their energy is channelized in social causes as well.

The Blood Centre at the MGUMST is committed to provide safe blood and blood components with stress on quality, patient satisfaction and adherence to ethical standards with world class services and to meet the needs of the healthcare personnel and patients through advanced transfusion medicine practices. The staff and faculty at blood bank is involved in blood centre management and advanced research activities in Immunohematology and Blood Transfusion.

The MGMCH Blood Centre is located in the premises of the Hematology Tower, in a highly clean and sterile environment and occupies an area of 23000 sq ft. The services offered are:

Safest possible isolation of blood /components by the most advance automated testing Therapeutic Plasma Exchange

Double Cascade Plasmapheresis for ABO incompatible Solid organ transplant Intrauterine transfusion

Granulocyte concentrate

Hematopoietic Peripheral Blood Stem cell

During the COVID-19 crisis, we got the opportunity to serve the patients by providing maximum number of Convalescent COVID Plasma to patients across the State. Our centre is one of the participants in the ICMR initiated PLACID trial of Convalescent plasma in COVID patients.

We are actively participating in the Haemovigilance Program of India (HvPI) of Governement of India. We are providing blood for thalassemia and HIV patients without our service charges or blood donation.

TELEMEDICINE SERVICES

As there is need of Specialist services in various specialties like Medicine, Surgery, Obstetrics & Gynaecology, Pediatrics, Orthopaedics, Dermatology etc. at the village level, costly healthcare facilities, limited earning resources, limited transportation facilities and lack of knowledge further adds to the agony of poor patients. This challenge is overcome by adopting the Telemedicine services.

MGUMST is on the forefront in telemedicine in the State and considering the excellent work of Telemedicine center of MGUMST, **Government of Rajasthan designated it as nodal center for all district hospitals**. The Centre was inaugurated by the then Chief Minister of Rajasthan Smt. Vasundhara Raje Ji in 2014. Connectivity through broadband is established with various district hospitals of Rajasthan and **about 100 tele-consultation nodes are activated**. The tele-consultations of the University ranged from **350 to 400 teleconsultations per day** in specialties like Dermatology, Ophthalmology, Cardiology, Medicine etc.

Health worker from the remote site does a lineup of the patients to consult with the specialist doctors. After receiving the filled form from the patients, specialist at our center consults the patients and sends a prescription of medicines.

MGH has launched its **own mobile app – MGH Telehealth** for Android and iOS in order to expand and facilitate use of Telemedicine. Telemedicine services to have been extended to provide tele-education, online-decision support and investigation interpretation, Tele-Conferencing and continual medical education programs through Moodle software.

During the COVID-19 pandemic, the Telemedicine Centre provided extraordinary services in management of over 3000 COVID patients through the tele homecare program, **Suraksha at Home**, wherein teleconsultation was given to COVID RT- PCR positive patients using a central monitoring system with the help of Computer Telephone Integrated (CTI) system. **This resulted in lesser hospitalization and reduced burden on health infrastructure**. This innovative project was later adopted by other hospitals also.

Combined Clinical Rounds, a weekly academic activity in the University and various quiz competitions at college and zonal level were conducted with the help of telemedicine center. Important meetings are organized through telemedicine with international experts to conduct research board meeting, academic council meeting etc.

File Description	Document
Link for additional information	[View Document](#)
Link of appropriate Web link in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

Mahatma Gandhi University of Medical Sciences and Technology (MGUMST) has always strived to be a leader in the field of Health care and education and is continually adding newer programs and clinical disciplines to its spectrum. In order to further its objectives of imparting clinical education and services for benefit of all the stakeholders, the University is having faculty from Nationally renowned Institutions like AIIMS New Delhi, PGI Chandigarh, SGPGI Lucknow, Shri Chitra Thiruvananthapuram, SMS Medical College, Jaipur and similar prestigious Institutions.

Medical Oncology, Onco-surgery and Radiation Oncology

The Departments of Medical and Surgical Oncology under the aiges of Mahatma Gandhi University of Medical Sciences and Technology are first in the State of Rajasthan to have DM and MCh super-specialty programs, respectively. Nationally renowned oncologists and oncosurgeons are providing the latest and most modern treatments for all type of oncologic disorders. The radiation oncology unit of the hospital has two of the latest Linear Accelerators to provide good quality and affordable radiotherapy to the patients.

Nuclear Medicine

The very modern and highly equipped (with PET-CT, GAMMA Camera, Low Dose & High dose Radioisotope therapy) department of Nuclear Medicine at MGUMST is the first in Rajasthan to start MD (Nuclear Medicine) program.

ECMO Unit

Mahatma Gandhi Hospital has state's first, biggest and most advanced Extra Corporeal Membrane Oxygenation (ECMO) unit, having 6 ECMO machines, for critically ill pulmonary patients.

Neurosurgery and Neurology

The department Neurosurgery and Neurology have well experienced and eminent faculties from premier Institutions like AIIMS New Delhi who are providing excellent quality neurosurgical care to the patients. MGH is one of the most preferred hospital for managing complicated cases in neurosurgery in North India. Professor and Head, Neurology holds the Guiness World Record in treating maximum number of epilepsy patients.

Palliative Care

MGUMST has palliative care department to provide services to terminally ill patients. MGMC&H is introducing MD program in palliative care soon.

Sports Medicine

Injuries are very common in all sports activities. Mahatma Gandhi Hospital is providing different modalities of treatment in management of sports injuries be it medical management, physiotherapy, occupational therapy and others.

Concluding Remarks :

- MGUMST is one of the reputed Universities in Rajasthan. It offers a wide variety of programs and courses in Medical, Dental, Nursing, Physiotherapy, Occupational Therapy, Hospital Administration and Health Informatics. The University's vision and mission is reflected through its curricular, co-curricular and extracurricular activities.
- Different measures are implemented to sensitize the teachers and learners towards Gender, Environment, Human values, Health Determinants, Right to Health issues, Society, Human Population, Demographic changes and Professional Ethics.
- The University by means of different platforms enables the students to have experiential, collaborative and participative learning.
- Different programmes are organized with an aim of development of capability, soft skills and professional competencies.
- The University promotes research culture among the teachers and the students and, provides the essential infrastructure and physical facilities.
- The University has established linkages, collaborations and MoUs with different Institutions and agencies for improvising the quality education and research.
- The University encourages the teachers and students to get involved in community services, extension and outreach activities.
- The University provides dynamic and innovative ICT tools for teaching, leaning and research.
- The University implements all environmental measures to keep the campus green and clean.
- In order to maintain its standards and as a quality control tool, the University regularly conducts audits and have its various constituent colleges and departments accredited by the statutory agencies.
- The Central Library is enriched by adequate number of books, journals, periodicals, e-books, e-journals and plenty of online resources.
- The University has the state-of-art infrastructure with all the latest and modern equipment and technology for clinical and para clinical teaching and training.
- The University has an effective system to address various types of grievances of the students and teachers related to academic, non-academic, exams, physical and infrastructure facilities and other aspects of the Institution. There is a good liaison between the University and its alumni.
- Good governance and management is reflected through various policies laid down by the University.
- The University has a transparent mechanism of assessing and evaluating the performance of the teachers and non-teaching staff, and also for conducting examinations and awarding degrees as per the statutory framework.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	Percentage of Programmes in which Choice-Based Credit System (CBCS)/Elective Course System has been implemented, wherever provision was made by the Regulatory Bodies (Data for the preceding academic year). 1.2.1.1. Number of programmes in which CBCS/ Elective course system implemented. Answer before DVV Verification : 8 Answer after DVV Verification: 4 1.2.1.2. Total number of Programmes where there is regulatory provision for CBCS / elective course system Answer before DVV Verification : 8 Answer after DVV Verification: 8 Remark : DVV has made the changes as per shared data template document by HEI .
1.2.3	Percentage of interdisciplinary courses under the programmes offered by the University during the last five years 1.2.3.1. Number of interdisciplinary courses offered by institution during the last five years Answer before DVV Verification : 1872 Answer after DVV Verification: 1662 1.2.3.2. Number of courses offered by the institution across all programs during the last five years Answer before DVV Verification : 2908 Answer after DVV Verification: 2908 Remark : DVV has made the changes as per shared data template document by HEI .
1.4.1	Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders.Structured feedback received from: 1. Students 2. Teachers 3. Employers 4. Alumni 5. Professionals Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 4 of the above Remark : DVV has selected theB. Any 4 of the above as per shared supporting document by HEI .
2.1.2	Student Demand Ratio applicable to programmes where state / central common entrance tests are not conducted 2.1.2.1. Number of eligible applications received year-wise during the last five years for programmes where State / Central Common Entrance Tests are not conducted

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
3521	2792	1178	985	871

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
00	00	00	00	00

2.1.2.2. Number of seats available year-wise/eligible applications received during the last five years where *State / Central Common Entrance Tests are not conducted*

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
310	465	689	643	634

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
310	465	689	643	634

Remark : DVV has not shared supporting document by HEI .

2.3.4	Student :Mentor Ratio (preceding academic year)

2.3.4.1. Total number of mentors in the preceding academic year
Answer before DVV Verification : 641
Answer after DVV Verification: 546

Remark : DVV has made the changes as per shared data template document by HEI .

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

2.4.2.1. Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. Last five years data to be entered.
Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
228	202	70	54	48

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19

180	185	56	52	36

Remark : DVV has made the changes as per shared supporting document by HEI .

2.4.4	Average percentage of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years.

2.4.4.1. Number of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
641	601	276	78	191

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
548	489	234	67	122

Remark : DVV has made the changes as per shared data template document by HEI .

2.5.5	Status of automation of the Examination division, using Examination Management System (EMS) along with an approved online Examination Manual

1. Complete automation of entire division & implementation of the Examination Management System (EMS)
2. Student registration, hall ticket issue & result processing
3. Student registration and result processing
4. Result processing
5. Manual methodology

Answer before DVV Verification : All of the above

Answer After DVV Verification: Any four of the above

Remark : DVV has selected the Any four of the above as per shared supporting document by HEI .

3.1.3	Average Percentage of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research participation in Indian and Overseas Institutions during the last five years

3.1.3.1. Number of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research and conference participation in Indian and Overseas Institutions year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
161	75	36	99	43

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
122	58	23	56	34

Remark : DVV hass made the changes as per shared supporting document by HEI .

3.1.5	University has the following facilities

1. Central Research Laboratory / Central Research Facility
2. Animal House/ Medicinal Plant Garden / Museum
3. Media laboratory/Business Lab/e-resource Studios
4. Research/Statistical Databases/Health Informatics
5. Clinical Trial Centre

Answer before DVV Verification : All of the above
Answer After DVV Verification: Any three of the above
Remark : DVV has made the changes as per shared supporting document by HEI .

3.2.1	Total Grants for research projects / clinical trials sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc., in the Institution during the last five years

3.2.1.1. Grants for research projects sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs in the institution year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
69	249	2	2	2

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
69	197	2	2	2

Remark : DVV has made the changes as per shared supporting document by HEI .

3.2.2	Grants for research projects/clinical research project sponsored by the government funding agencies during the last five years

3.2.2.1. Grants for research projects/clinical trials sponsored by government sources year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19

673	11	12	294	101

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
580	11	12	294	101

Remark : DVV has made the changes as per shared supporting document by HEI .

3.2.3	Ratio of research projects/clinical trials per teacher funded by government/industries and non-government agencies during the last five years.

3.2.3.1. Number of research projects/clinical trials funded by government/industries and non-government agencies year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
24	27	4	4	2

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
14	22	4	4	1

Remark : DVV has made the changes as per shared data template document by HEI .

3.3.3	Total number of awards / recognitions received for innovation / discoveries by the institution/teachers/research scholars/students during the last five years

3.3.3.1. Number of awards/recognitions received by the Institution/teachers/research scholars/students year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
67	28	6	4	11

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
45	21	2	4	7

Remark : DVV has made the changes as per shared data template document by HEI .

3.4.3	Total number of Patents/ Copyrights published/awarded/technology-transferred during the last five years..

3.4.3.1. Number of Patents/ Copyrights published/awarded/ technology-transferred year-wise during the last five years..

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
38	20	9	1	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
27	12	6	1	0

Remark : DVV has made the changes as per shared data template document by HEI .

3.7.1	Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc per year

3.7.1.1. Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
51	36	37	18	21

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
19	16	37	18	21

Remark : DVV has made the changes as per shared data template document by HEI.

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

3.7.2.1. Number of functional MoUs / linkages for faculty exchange, student exchange, academics, clinical training, internship, on-the-job training, project work, collaborative research programmes etc., during the last five years.
Answer before DVV Verification : 71
Answer after DVV Verification: 64

Remark : DVV has made the changes as per shared supporting document by HEI .

4.1.4	Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

4.1.4.1. *Expenditure incurred, excluding salary, for infrastructure development and augmentation*

	year-wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
14578.5	7608.24	8235.55	8032.52	9010.34

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9578.5	5608.24	6035.55	6032.52	7056.34

Remark : DVV has made the changes as per shared supporting document by HEI .

4.2.4	Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency?

A. NABH accreditation

B. NABL accreditation

C. International accreditation like JCI.,

D. ISO certification of departments /institution

E. GLP/GCLP accreditation.

Answer before DVV Verification : B. Any Four of the above
Answer After DVV Verification: C. Any Three of the above
Remark : DVV has slected the C. Any Three of the above as per shared suporting document by HEI .

4.5.1	Average percentage of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

4.5.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
9465.42	7178.9	4713.53	4374.4	3579.93

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
6465.42	5078.9	2313.53	1274.4	2319.93

	Remark : DVV has made the changes as per shared supporting document by HEI .
5.1.2	***Institution implements a variety of capability enhancement and other skill development schemes*** 1. Soft skills development 2. Language and communication skill development 3. Yoga and wellness 4. Analytical skill development 5. Human value development 6. Personality and professional development 7. Employability skill development Answer before DVV Verification : All of the above Answer After DVV Verification: Any 5 of the above Remark : DVV has selected the Any 5 of the above as per shared upporting document by HEI .
5.2.1	Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/GPAT/CAT/GRE/TOEFL/PLAB/USMLE /AYUSH/AICTE/ Civil Services/Defense /UPSC/State government examinations/PG-NEET/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) 5.2.1.1. Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ PLAB/ USMLE /Civil services/ Defense/UPSC/State government examinations/ ***PG-NEET/*** AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
62	25	30	32	28

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
52	16	18	28	19

5.2.1.2. Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ *PLAB/ USMLE/*Civil Services/State government examinations *PG-NEET/* AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)) year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
62	25	30	32	28

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19

62	25	30	32	28

Remark : DVV has made the changes as per shared supporting document by HEI.

5.2.2	Average percentage of placement /self employed professional services of graduating students during the last five years

5.2.2.1. Number of outgoing students who got placed / self-employed year- wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
527	429	158	235	271

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
54	134	52	92	64

Remark : DVV has made the changes as per shared data template document excluding the duplicates by HEI .

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
33	4	7	6	4

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
31	4	7	6	4

Remark : DVV has made the changes as per shared data template document by HEI .

5.3.3	Average number of sports and cultural activities / competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised by the Institution year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
49	21	3	54	38

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
19	11	1	33	29

Remark : DVV has made the changes as per shared data template document by HEI .

5.4.2	Provide the areas of contribution by the Alumni Association / chapters during the last five years

1. Financial / kind
2. Donation of books /Journals/ volumes
3. Students placement
4. Student exchanges
5. Institutional endowments

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. Any four of the above

Remark : DVV has selected the B. Any four of the above as per shared supporting document by HEI .

6.3.3	Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
127	96	31	31	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
105	70	16	16	14

Remark : DVV has made the changes as per shared data template document by HEI .

6.3.4	Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years..

6.3.4.1. Total Number of teachers attending such programmes year-wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
622	584	57	136	121

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
95	203	51	36	62

Remark : DVV has made the changes as per shared data template document excluding the duplicates by HEI .

| 6.5.2 | Quality assurance initiatives of the Institution include:

1. Academic and Administrative Audit (AAA) and initiation

   of follow-up action

2. Conferences, Seminars, Workshops on quality

3. Collaborative quality initiatives with other Institution(s)

4. Orientation programmes on quality issues for teachers

   and students

5. Participation in NIRF process

6. Any other quality audit by recognized State, National or

   International agencies (ISO, NABH, NABL Certification,

   NBA, any other)

   Answer before DVV Verification : A. All of the above
   Answer After DVV Verification: C. Any four of the above
   Remark : DVV has selected the C. Any four of the above as per shared supporting document by HEI . |

| 7.1.5 | Green campus initiatives include:

   1. Restricted entry of automobiles
   2. Battery-powered vehicles
   3. Pedestrian-friendly pathways
   4. Ban on use of Plastics
   5. Landscaping with trees and plants |

	Answer before DVV Verification : All of the above
	Answer After DVV Verification: Any Four of the above
	Remark : DVV has selected the Any Three of the above as per shared supporting document by HEI .
7.1.6	Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives: • Green audit • Energy audit • Environment audit • Clean and green campus recognitions / awards • Beyond the campus environmental promotion activities Answer before DVV Verification : Any Four of the above Answer After DVV Verification: Any Two of the above Remark : DVV has seelcted the Any Two of the above as per shared supporting document by HEI .

2.Extended Profile Deviations

ID	Extended Questions
1.1	Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs) Answer before DVV Verification:

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
30932.41	24381.27	20334	18199.36	15443.34

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0.309324	0.243812	0.20334	0.181996	0.154433