Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**TEERTHANKER MAHAVEER UNIVERSITY**
Name of the head of the Institution	**Prof Raghuvir Singh**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**05912476800**
Mobile no.	**9639644555**
Registered Email	**vicechancellor@tmu.ac.in**
Alternate Email	**registrar@tmu.ac.in**
Address	**NH-24 , Delhi Road , Moradabad**
City/Town	**Moradabad**
State/UT	**Uttar pradesh**
Pincode	**244001**

2. Institutional Status

University	**Private**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Aditya Kumar Sharma**
Phone no/Alternate Phone no.	**05912476800**
Mobile no.	**9837933666**
Registered Email	**registrar@tmu.ac.in**
Alternate Email	**jointregistrar.acad@tmu.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.tmu.ac.in/tmu/iqac-report-2018-19

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.tmu.ac.in/academic_calendars/Academic-Calendar-2019-20_compressed.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.82**	**2016**	**05-Nov-2016**	**04-Nov-2021**

6. Date of Establishment of IQAC	**03-Apr-2013**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
National Workshop on Teaching Pedagogy	**23-Jan-2019** **2**	**39**

National Workshop on Case Teaching Methods	21-Jan-2019 2	40
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

• **Implementation of CBCS and OBE at UG and PG Level and other important policies amendments at the university level. • Updated Feedback Forms on curriculum and Overall University Performance for Stakeholders. • Conducted various quality workshops and Seminars for Faculty Members and Research Students. • Establishment of Centre for Training, Learning and Development (CTLD). • Conducted Quality related programme for 2nd Cycle of NAAC**

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

Plan of Action	Achivements/Outcomes
Quality Initiatives for Faculty Members	Workshops, Seminars and Guest Lectures were conducted by IQAC Cell

Academic and Administrative Audit	Internal Academic and Administrative Audit was completed as a quality indicator of HEIs
Workshop on Gender issues	On the Occasion of International Women's Day, workshop on gender issue was organized.
Plan for outreach programme	For the fulfillment of the outreach programme various villages have been adopted by the University.
Students' Counseling	A Counseling Cell has been set up and a full time Counselor has been appointed
Value Added Programmes	In all the Departments, a number of Value Added Programs were organized.
Student Mentoring	Faculty members were trained for taking up the task of being Mentors so that the newly joined students easily adjusted to the new environment of the University.
Faculty Development Programme	FDP's were organized for the faculty members of the University.
Feedbacks From Stakeholders	Feedbacks from Stakeholders were collected on Curriculum and Overall Performance of the University as a continuous process.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Academic Council	**20-Mar-2021**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**27-Aug-2021**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**22-Feb-2019**
17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	We have implemented Microsoft Dynamics 2013 ERP system in our university. ERP is an acronym that stands for enterprise resource planning (ERP). It's business process management software that manages and integrates a university's financials, operations, reporting, and human resource activities Following modules have been implemented: Admission, Fee, HR, Payroll, Store, Purchase, Hostel, transportation, security, Academics, Examination and placement. In ERP, We have portal for each and every student of the university including portal for Alumni.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BEd	BED-001	Education	06/02/2020
BFSc	PAR-007	Forensic Sciences	20/07/2020
BOptom	PAR-006	Optometry	16/02/2020
BPT	PT-001	Physiotherapy	20/07/2019
MPT	PT-008,009,010,011	Physiotherapy	20/07/2019
BTech	BTECH-007	Mechanical	02/12/2019
BTech	BTECH-009	Electronics & Communication	02/12/2019
BTech	BTECH-010	Electrical	02/12/2019
MSc	MSC-003	Chemistry	02/12/2019
BSc	BSC-005	Chemistry	02/12/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil	01/08/2019	ECE564- SURVEY CAMP, ECE592- Skill based Practical Training Presentation , ECE711-ADVANCED COMPUTER AIDED DESIGN (CAD),	01/08/2019

			ECE792-INDUSTRIAL TRAINING PRESENTATION, ECE798-PROJECT WORK PHASE-I	
BTech	Civil	08/01/2020	EHM833-Entrepreneurship	08/01/2020
BSc	Mathematics	01/08/2019	BAS367-INTRODUCTION TO MATLAB	01/08/2019
BSc	Mathematics	08/01/2020	BAS426 - Introduction to Statistical Package for Social Sciences, BAS431-STATISTICAL METHODS, BHM415 -ENTREPRENEURSHIP	08/01/2020
BTech	Electrical	01/08/2019	EEC762-DESIGN AND INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM, EEE720-Electric Vehicle , EEC762- DESIGN AND INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM	01/08/2019
BTech	Electrical	08/01/2020	EEC617-MICROCONTROLLER HARDWARE,PROGRAMMING ITS APPLICATION (ARDUINO), EEE665-MODELING AND SIMULATION USING MATLAB, EEE821- EHV AC/DC Transmission, EHM833-Entrepreneurship	08/01/2020
BTech	Electronics	01/08/2019	EEC592-Skill based Practical Training Presentation, EEC762-DESIGN AND INSTALLATION OF	01/08/2019

			SOLAR PHOTOVOLTAIC SYSTEM , EEC762-DESIGN AND INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM (LAB)	
BTech	Electronics	08/01/2020	EEC617-MICROCONTROLLER HARDWARE,PROGRAMMING ITS APPLICATION (ARDUINO), EHM833-Entrepreneurship	08/01/2020
BTech	Mechanical	01/08/2019	EME792-INDUSTRIAL TRAINING PRESENTATION, EME711-COMPUTER AIDED DESIGN (CAD), EME761-COMPUTER AIDED DESIGN (LAB)	01/08/2019
BTech	Mechanical	08/01/2020	EME811-COMPUTER AIDED MANUFACTURING (CAM), EME861-COMPUTER AIDED MANUFACTURING (CAM) (LAB)	08/01/2020
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BCA	Computer Application-English Communication – I	27/09/2019
BCA	Computer Application-Human Values & Professional Ethics	27/09/2019
BTech	Mechanical-Human Values and Professional Ethics	08/01/2020
BTech	Electrical -Electrical vehicle	01/08/2019
BPT	Physiotherapy-Managing Self (TMUGS202), Managing Work & Others (TMUGS302)	01/09/2019
BFSc	Forensic Science-Electricity And Magnetism	19/07/2019
BFSc	Forensic Science-Wave	19/07/2019

	And Optics	
BFSc	Forensic Science-Thermal Physics	19/07/2019
BFSc	Forensic Science-Solid State Physics	19/07/2019
BTech	Electrical-Electrical Vehicle	01/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BPT	Physiotherapy	01/08/2019
MPT	Physiotherapy-Cardiopulmonary, Neurosciences , Orthopedics, Sports	01/08/2019
BTech	Civil	01/08/2019
BTech	Mechanical	01/08/2019
BTech	Electronics & Communication	01/08/2019
BTech	Electrical	01/08/2019
BSc	Mathematics	01/08/2019
BSc	Physics	01/08/2019
BSc	Chemistry	01/08/2019
MSc	Mathematics	01/08/2019
MSc	Physics	01/08/2019
MSc	Chemistry	01/08/2019
BTech	Computer Science & Engineering	27/09/2019
BTech	Artificial Intelligence, Machine Learning & Deep Learning	27/09/2019
BTech	Cloud Technology & Information Security (In Collaboration with iNurture)	27/09/2019
BTech	Cloud and Analytics Platforms (In Collaboration with IBM)	27/09/2019
BTech	Artificial Intelligence (In Collaboration with iNurture)	27/09/2019
BCA	Bachelor Of Computer Application	27/09/2019
BCA	Mobile Application& Web Technology (In	27/09/2019

	Collaboration with iNurture)	
BCA	Cloud Technology and Information Security (In Collaboration with iNurture)	27/09/2019
BSc	Computer Science	27/09/2019
BSc	Animation	27/09/2019
MCA	Master Of Computer Application	27/09/2019
Mtech	Computer Science & Engineering	27/09/2019
MBA	Marketing/ Finance/ Human Resource Management / International Business	16/07/2019
MBA	Corporate-Industry integrated with Global Exposure (In Collaboration With Ur Services)	19/07/2019
MBA	Supply Chain Management & Logistics (In Collaboration With Safe Educate (Safe Express)	16/07/2019
MBA	Hospital Management	16/07/2019
BCom	Taxation and Accounting & Finance	16/07/2019
BCom	Accounting and Finance	16/07/2019
BBA	Marketing/Accounting & Finance/ Human Resource Management / International Business	16/07/2019
BSc Nursing	Nursing	01/08/2019
BSc Nursing	Post Basic Nursing	01/08/2019
MSc Nursing	Medical Surgical Nursing	01/08/2019
MSc Nursing	Child Health Nursing	01/08/2019
MSc Nursing	Obstetrics & Gynaecology Nursing	01/08/2019

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
TMUGS202 Managing Self , TMUGS302- Managing Work Others	01/08/2019	89
TMUGA101-Foundation in Quantitative Aptitude	01/08/2019	152

TMUGA201-Analytical Reasoning	08/01/2020	152
TMUGA301/302- Modern Algebra and Data Management	01/08/2019	312
TMUGA401/402-Advance Algebra and Geometry	08/01/2020	312
TMUGS301-Managing Self	01/08/2019	371
TMUPS-101 Managing Self MBA-001	16/07/2019	105
TMUPS-201 Managing Work and Others MBA-001	16/07/2019	105
TMUPS-101 Managing Self MBA-006	16/07/2019	24
TMUPS-201 Managing Work and Others MBA-006	16/07/2019	24
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Mechanical	30
BTech	Civil	28
BOptom	Optometry (Internship)	71
BSc	Medical Lab Technology (Internship)	29
BSc	Radio Imaging Techniques (Internship)	62
BPT	Physiotherapy (Internship)	68
BEd	Education (Internship)	20
BTech	Electronics & Communication	17
BDS	Dental Surgery	51
MBBS	Medicine and Surgery	150
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The University has an effective structured feedback system from different stakeholder's viz. students, faculty, alumni, parents and recruiters through formal, informal and interactive mechanisms in the design, review and updation of syllabus. The feedback received is analysed and action is taken to improve the teaching learning processes and experience of the stakeholders. Students' feedback is used as a base to make improvements that may lead the students learning to the next level and ensure their holistic development. Relevant inputs on professional enhancement activities and courses are provided in the form of Guest Lectures/Workshops, Site Visits, practical, Project evaluations by external industry experts, to get better placements. The University has adopted CBCS system to provide flexibility in the curriculum and develop skills in multidisciplinary fields. The curriculum is well mapped with the syllabus of competitive exams such as GATE, NET, etc. which helps students to perform better in national and international level exams. Preparatory classes help the students to comprehend the prerequisites of the exam. Frequent revision cycle, mock tests and experts talk make the students more confident and enthusiastic. In addition to this, more industry-specific inputs have been added in the curriculum to further bridge the gap between industry and academia. The employers have shown their satisfaction for the availability of choices of course in the schemes. The prescribed syllabi have been made more relevant by instilling soft skills, leadership skills, life skills, grooming and group discussion skills among the students through CTLD, a dedicated Centre for Training, Learning and Development in the University. CTLD's value added courses are comprehensive training solutions embedded into the curriculum of various programmes that primarily focus on overall development of every student. This caters to the students' need of developing soft skills and quantitative aptitude to combat the challenges of industry and getting professional training while studying. Parents' feedback forms an important criterion to improve our living-learning environment through Parents -teacher meetings held on a regular basis. The suggestions of parents are incorporated in the curriculum and adequate monitoring systems are installed to have an interaction with them to avoid any communication gap. The faculty members of the university also contribute to improve the curriculum and related learning tools and techniques. The feedback received is analysed and focused on qualitative improvement in content, pedagogy, learning material, student performance, research, and extension activities for Theory/Practical courses and other aspects related to curriculum. Based on the feedback obtained during the teaching-learning process, a course teacher is empowered to revise the contents of the course after obtaining formal approval from the Academic Review Committee which is put before Board of Studies and academic council for final approval. Alumni have a continued association with the university in terms of providing constructive feedback and are instrumental in enriching the syllabi for holistic development of the students. Recruiters' feedback serves an important role in the process of curriculum design and development. Their inputs have made curriculum effective in developing ICT communication skills and provide exposure to real life situations.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MBA	Business Administration	180	201	134

BOptom	Optometry	80	105	58
MBBS	Medicine & Surgery	150	150	150
BSc	Animation	30	40	29
Pharm D	Doctor of Pharmacy	30	50	28
BPharm	Bachelor of Pharmacy	100	150	100
MSc Nursing	Nursing	25	27	25
BTech	Computer Science & Engineering	120	201	78
BCA	Computer Application	360	325	224
MS	Surgery	44	44	44

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	9503	1303	527	121	20

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
668	650	221	221	12	16

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

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

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

Teerthanker Mahaveer University has a vibrant 'Mentorship Program', under which the faculty members (mentor) and students(mentee) maintain a reciprocal relationship. This system aims at fostering the professional and personal development of both the faculty and student member. This mentor- mentee relationship helps to address the problems and difficulties relating to studies, infrastructural facilities, academic processes and procedures,academic and general atmosphere, psychological discomforts, peer conflicts etc faced by the students and provides moral, psychological, and professional learning support in all aspects.Faculty members are allotted 10-15 students each. A structured mentor mentee booklet is maintained by each mentor for record keeping, information and timely corrective action, if needed. This is counterchecked by respective HOD's/ principals on a regular basis in each semester till the students pass out. Personal mentors' have been assigned to help those weak students who are struggling with low performance in examinations, facing psychological or social imperfection. Mentors endeavour to strive towards the overall wellbeing of student and most of the student's participants have positively expressed their contentment with the resolution of any query related to

academic or personal matters. Mentors connect with the allocated mentees' and hold interactive discussions on various issues on regular basis and suggest possible way outs to the students to deal with their present situation.At the same time, parents are also kept in line with the situation to motivate and support their ward in all possible ways. The mentor challenges and motivates the students to higher level of active learning with innovative andragogy. Prompt and immediate feedback is given for corrective action, if any. There is a structured sequence of learning and assessing different activities in an unbiased manner. The mentorship programme aims to identify strengths and gaps, give them responsive coaching and modeling, appropriate feedback and remedial measures and eventually build healthy professional relationships. The Mentorship Programmeis also a part of academic audit conducted twice a year to ensure its regularity and efficacy.The University conducts intensive 'Train the Trainer' workshops for the mentorsto upgrade their mentoring skills and enrich their essential soft skills to deal with the mentees like attending, listening, observing,exploring and responding to the problems of the students,and how to avoid challenging and confronting situations. The mentor provides the opportunity to the mentee for discovering the information and career opportunities and involves in imparting outcome-based learning rather thanlecturing. The mentor ensures to provide consultations to the students for present and future prospects beyond official working hours too and guides them to achieve their desired outcomes in a persistent and consistent manner. This practice has resulted in cultivating a strong alumni network , thus , providing the competitive edge to the growth and success of the University.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
10806	668	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
869	668	201	188	118

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Manish Goyal	Professor	4th excellence in dental proficiency award
2019	Dr. Manish Goyal	Professor	Fellow Pierre Fauchard Academy
2020	Dr. Manish Goyal	Professor	Global outreach Dental Awards for outstanding dentist of the year 2020
2019	Dr. Divya Prakash Singh	Assistant Professor	Excellence in Teaching Award
2019	Dr. Praveen Kumar Singh	Assistant Professor	Young Teacher Award
2019	Dr. Mahendra Singh	Assistant Professor	Outstanding Scientist Award
2019	Dr. Upasana	Assistant Professor	Best Oral presentation Award
2019	Mr. Mohit Rastogi	Assistant Professor	ZIIEI - Teacher Innovation Award - Certificate Of

2019	Mr. Sumit Kumar	Assistant Professor	ZIIEI - Teacher Innovation Award - Certificate Of Appreciation
2019	Dr. Subas Chandra Dinda	Professor	Outstanding Scientist Award, VDGOOD Professional Association, Visakhapatnam, Andhra Pradesh, India

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BBA	BBA-001	I	28/12/2019	08/02/2020
BEd	BED-001	I	28/12/2019	21/01/2020
BSc	BSC-001	I	31/12/2019	06/02/2020
BTech	BTECH-001	I	31/12/2019	08/02/2020
BTech	BTECH-001	III	31/12/2019	08/02/2020
Mtech	MTECH-001	I	26/12/2019	04/02/2020
BCA	BCA-001	I	28/12/2019	08/02/2020
MCA	MCA-001	I	02/01/2020	03/02/2020
MBA	MBA-001	I	31/12/2019	08/02/2020
BPharm	PHA-002	I	24/12/2019	07/02/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
6	15567	0.03

2.6 – Student Performance and Learning Outcomes

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

https://www.tmu.ac.in/tmu/syllabus

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage

NUR-005	BSc	Nursing	82	78	95.1
PT-001	BPT	Physiotherapy	72	67	93.1
BCOM-001	BCom	Commerce	89	89	100
PHA-002	BPharm	Pharmacy	88	82	93.2
BTECH-001	BTech	Computer Science	111	106	95.5
MCA-001	MCA	Computer Applications	20	18	90
MTECH-001	Mtech	Computer Science & Engineering	4	4	100
MBA-001	MBA	Business Administration	82	77	93.9
B.Sc.-006	BSc(Agriculture)	Agriculture	110	109	99.1
BCA-001	BCA	Computer Applications	310	258	83.2
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2.7 – Student Satisfaction Survey

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

https://www.tmu.ac.in/pdf/sss-reports/SSS-Report-19-20_compressed.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr Manish Goyal	Speciality Membership In Orthodontics	31/07/2019	Royal College Of Physicians And Surgeons Of Glasgow
International	Dr Manish Goyal	Fellowship in Dental Surgery	01/12/2019	Royal College Of Surgeons Of England
International	Dr Manish Goyal	Fellow of Pierre Fauchard Academy	07/12/2019	Pierre Fauchard Academy
International	Dr Manish Goyal	Fellowship in Dental Surgery	15/02/2020	Royal College Of Physicians And Surgeons Of Edinburg
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Mr. Akshay Kumar Siddhu	1095	TMU
Ms. Khyati	1095	TMU
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	ICMR - MD/MS/DM/MCh funds	0.5	0.5
Minor Projects	90	TB Association of India	0.4	0.4
Minor Projects	90	TB Association of India	0.3	0.3
Minor Projects	90	TB Association of India	0.25	0.25
Minor Projects	60	ICMR-STS Project 2020	0.2	0.2
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
One-days' Workshop on Intellectual Property Rights (IPR)	Engineering	01/10/2019
Workshop on Intellectual Property Rights (IPR)	CCSIT	19/10/2019
Workshop on Advanced Programming Concepts using C and Python	CCSIT	21/09/2019
3D Printing-The Handy Emerging Diagnostic Tool	Dental	13/11/2019
Design and installation of Solar Photovoltaic System	CCSIT	02/12/2019
Speciality contact Lens Rose K and its fitting	Paramedical	04/02/2020
Recent trends in Design Innovation HCI	CCSIT	07/02/2020
Workshop on Machine Learning using Python	CCSIT	06/02/2020

Novel Approaches of Blockchain Technology Its Application	CCSIT	22/05/2020
Seminar on Outcome Based Education- Challenges and solutions in Indian context	Education	11/06/2020
Writing a Research Grant Proposal	CCSIT	15/06/2020
Workshop On ENGAGE (Mental Health)	Education	10/10/2019
Workshop on Network Security and its Concepts	CCSIT	10/10/2019
Skill enhancement class on "Artificial Intelligence and Machine Learning with Python".	CCSIT	08/11/2019
How to Create Video Tutorials	CCSIT	14/01/2020
Workshop on Industrial Internet of Things (IIOT)	CCSIT	03/02/2020
Seminar on Research Pedagogy	CCSIT	17/02/2020
Soft contact Lens and its fitting	Paramedical	24/02/2020
Machine Learning using Python	CCSIT	22/04/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Outstanding Scientist Award-2019	Prof. Subas Chandra Dinda	VDGOOD Professional Organization, India	16/11/2019	Teacher
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	TMU Business Incubator	University	Nil	Nil	Nill
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	1

Education	4	
Management	4	
Jainology	1	
English	1	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	College of Computing Sciences and IT	1	0
International	College of Computing Sciences and IT	46	0.1
National	Faculty of Engineering	6	0
International	Faculty of Engineering	94	0.79
National	College of Nursing	21	0
International	College of Nursing	18	0
National	College of Pharmacy	1	0
International	College of Pharmacy	3	0
National	Dental College Research Centre	18	0.13
International	Dental College Research Centre	5	0.75

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

Department	Number of Publication
College of Computing Sciences IT	22
Faculty of Engineering	2
Dental College Research Centre	1
Faculty of Education	3
Department of Physiotherapy	1

View File

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A Process To Analyze Defects In Software	Published	201911020778	14/06/2019

AIB Satellite: Ai Based Satellite To Detection The Object At Location	Published	201911034316	06/09/2019
Process For Formation Of Capacitor Structure For Non Volatile Memory On Germanium Nanocrystals	Published	201941033347	20/09/2019
IMF System: Intelligent Mobile Finding System	Published	201921039854	11/10/2019
VM-System:Iot Based Vehicle Monitoring System Using Beagle Bone Kit	Published	201911040479	18/10/2019
RT-Sanitizer: Resizeable Toilet Seat With Rolling Sanitizer	Published	201911038954	18/10/2019
PRAP-System: Preventing Real Time Accidental Probabilities System.	Published	201911040175	18/10/2019
I-Adapter: Intelligent Adapter	Published	201911040245	18/10/2019
ML-System: Mobile Locking System For Vehicle	Published	201911040184	18/10/2019
AIH-Stand: Ai-Based Hyraulic Centre Stand For Motorcycle Using Hand Lever	Published	201911040153	18/10/2019

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Economic study of 3 kw on-grid solar photovoltaic system for residence in	Pradeep Kumar Verma	International Journal on Electrical Engineering and Informatics ISSN	2020	1	Faculty of Engineering , TMU	1

		2085-6830/ online e-ISSN 2087-5886 (Scopus)				
Water Economics of India Revisited: A Case of Indian Agriculture with Special Reference to Paddy Sugarcane.	Mr. Manish Dhingra	Journal of Food Agriculture Environment, Vol18. No1, Jan-2020, Wfl Publisher,Finland	2020	1	Faculty of Engineering , TMU	1
Florid cemento?osseous dysplasia in a young Indian female: A rare case report with review of literature	Dr. Sneha H. Choudhary	Journal of Oral and Maxillofacial Pathology	2019	0	TMDCRC , TMU	Nill
Recent advances of pacemakers in treatment of xerostomia: A systematic review	Dr. R.S Rao	J International Society of Preventive and Community Dentistry	2019	0	TMDCRC , TMU	Nill
Cooling the soft tissue site and its effect on perception of pain during infiltration and block anesthesia in children undergoing dental procedures: A	Dr. Nishita Garg, Dr. Lumbini P, Dr. Ramakrishna Yeluri	Journal of Dental research, Dental Prospects and Dental Clinics	2019	0	TMDCRC , TMU	4

comparative study						
Estimation of Punching Shear Capacity of Concrete Slabs Using Data Mining Techniques	Mr Ankit Sharma	International Journal of Engineering Vol. 32, No. 7, (July 2019) (Scopus and Web of Science)-ISSN: 908-914	2019	0	Faculty of Engineering , TMU	Nill
Truncated T parasite staircase fractal U-slot antenna for multiple advance internets of things applications.	Dr Pankaj K Goswami	Wiley, 2019 (Scopus and Web of Science)	2019	1	Faculty of Engineering , TMU	1
Does OSMF affect the hearing ability of an individual? A cross-sectional study in north Indian population	Dr. Anjali Nayak Dr. Meghanand	Pesquisa Brasileria em Odontopediatria e Clinica Integrade	2019	0	TMDCRC , TMU	Nill
Orofacial Granulomatosis : A Review	Dr. M.K. Sunil Dr. Upender Malik	Medico Legal Update	2019	0	TMDCRC , TMU	Nill
Investment Profit Modelling in Distributed generator in Distribution System	Dr. Pankaj Goswami	All India Seminar on Recent Trends in development in National International Power	2020	2	Faculty of Engineering , TMU	2

		Sector				

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Does OSMF affect the hearing ability of an individual? A cross-sectional study in north Indian population	Dr. Anjali Nayak Dr. Meghanand	Pesquisa Brasileria em Odontopediatria e Clinica Integrade	2019	6	Nill	TMDCRC (OMDR/ Oral Pathology)
Management of Fracture crown enmasse in maxillary central incisors in a 13 yr old child - A multi disciplinary approach	Dr. Harsimran Kaur Dr. R amakrishna Yeluri	Contemporary Clinical Dentistry	2020	6	Nill	TMDCRC (PEDO)
Frequency Reconfigurable Multiband Antenna for IoT Applications in WLAN, Wi-Max, and C-Band.	Dr. Garima Goswami	Progress In Electro magnetics Research Vol. 102, 149-162, 2020 Scopus-SJR .45H-Index: 36	2020	36	1	TMU
Power quality improvement at nonlinear loads using tran sformer-	Dr.Pankaj Goswami	International Transactions on Electrical Energy Systems (WILEY)	2020	36	1	TMU

less shunt active power filter with adaptive neural fuzzy interface system supervised PID controllers.		Volume 30, Issue 5, Page no. 1-14 (Web of Science, Scopus, SJR .45H-Index: 36				
Comparison of mesiodistal width of maxillary anteriors with arch form in various malocclusion: A retrospective study	Dr. Saksham M Dr. Sumit Kumar Dr. Manish Goyal Dr. Mukesh Kumar	Journal of Contemporary Dental Practice	2020	6	Nill	TMDCRC (Orthodontics)
Management of horizontally impacted mandibular canines in a skeletal class II malocclusion	Dr. Manish Goyal Dr. Mukesh Kumar Dr. Sumit Kumar	Journal of Clinical Orthodontics	2020	6	Nill	TMDCRC (Orthodontics)
Asymmetrical extractions in an asymmetrical face	Dr. Mukesh Kumar Dr. Manish Goyal Dr. Hemant Sharma Dr. Shalini Mishra	Journal of Clinical Orthodontics	2020	6	Nill	TMDCRC (Orthodontics)
Grabbed the Bull By Its Horns: A Case of Hyperkeratotic Growth Involving the Lower	Dr. K. V. Arunkumar	Journal of Maxillofacial and Oral Surgery	2020	6	Nill	TMDCRC (OMFS)

Lip.						
Gingival fibromatos is with congenital hypertrich osis	Dr. Gouri Bhatia Dr. Shalabh Mehrotra	Journal of Indian Society of Periodonto logy	2020	6	Nill	TMDCRC (PERIO)
Cooling the soft tissue site and its effect on perception of pain during inf iltration and block anesthesia in children undergoing dental pro cedures: A comparativ e study	Dr. Nishita Garg, Dr. Lumbini P, Dr. Ramakr ishna Yeluri	Journal of Dental research, Dental Prospects and Dental Clinics	2019	6	4	TMDCRC (Pedodontic s)

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

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	277	260	295	18
Presented papers	12	25	Nill	Nill
Resource persons	4	22	1	4

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electrical	Improvement in quality Parameter Process improvisation of 60 KVA dry type transformer in distribution System	Vimal Transformer Corporation Prem Nagar Industrial Area Kanth Road, Moradabad)	1180000
Computer Science IT	Inventory Management System	C.L Gupta Exports LTD. Delhi Road, Village Jivai,	1000000

		Jyotiba phule Nagar, Moradabad	
Management	Drafting HR Policy Manual	Urvashi Chemicals Industry - Kashipur	590000
Management	Critical Analysis of Customer Satisfaction	Tushar Enterprises - Moradabad	236000
Management	Development of Strategies to generate maixmum satisfation among existing customers	Mannat Enterprises - Moradabad	295000
Management	Development of Marketing Strategies for Handicrafts products	Zaki Handi crafts - Moradabad	200600
Management	Development of Marketing Strategies	Tushar Enterprises - Moradabad	216000
Mechanical	Development of Training Modules	Smart Skills, Amarawati Colony, Phase-2 TalliBamori, Haldwani (Nainital)	1062000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nursing	BLS PROVIDER	American Heart Association	352520	120
Nursing	BLS PROVIDER	American Heart Association	558000	207
Nursing	ECG CPR	American Heart Association	93600	156
Nursing	ECG CPR	American Heart Association	74400	124
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities

Beti Bachao and Beti Padhao	DLSA Moradabad	2	20
Institutional Dynamics Creation for Developing Academic Culture	NSS	12	592
Environment Awareness Campaign	Prosperity NGO Moradabad	2	20
POCSO Camp	Jain Swetambar Terapanthi Sabha Gwalior	2	6
Swachta Pakhwada	NSS	10	614
Oral Health Screening Camps	Dept. of Public Health Dentistry	5	170
Scout Guide Camp	Uttar Pradesh Bharat Scout and Guide	2	71
Blood Donation Camp	HDFC Bank Ekta Seva Samiti	10	210
Sadak Suraksha Jeevan Rakhsa	RTO Moradabad	8	350
Tribute to CRPF Jawaans - Pulwama Attack	Dainik Jagran Newspaper	25	550

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
In Hardware Category, Team "Techno-Squad" with the title Traffic Clearance for Ambulance/ (or other priority Vehicle) through Artificial Intelligence qualified for final round which will be held in September 2020.	Smart Hack-A-Thon 2020	Ministry of HRD, Govt of India	5
3-Star Certificates Under IIC	3-Star certificates	Under IIC Innovation Cell, Ministry of HRD, Govt of India	350
Samsung organized a two-day event for Young innovator.	Be a Young Innovator	Samsung	2

Faculty of Engineering CS organized the Jaipuria Quiz League 2019 for the interested students.	Jaipuria Quiz Competition	Jaipuria Quiz	3
Amazon Influencer	Amazon Influencer 2019	Amazon	1
Approach to Patients with Viral Hepatitis and Liver Diseases	Facilitator of the Program	Institute of Liver and Biliary Sciences	1
IEEE International Conference	Chaired Session	Sharda University, Greater Noida	1
Expert Lecture at Rajkiya Engineering College,Banda	Expert Lecture	Rajkiya Engineering College,Banda	1
IEEE International Conference (ISCON)	Chaired Session	GLA University, Mathura	1
IEEE International Conference	Chaired Session	Sharda University, Greater Noida	1

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Gender Sensitization	Rotary Club Moradabad	Women Empowerment Gender Sensitization Program	5	120
Social Awareness	Hindustan Newspaper	Protest Against Rapist	5	120
Visit of Students to Ramganga Choupal, 2019	WWF and HSBC Bank	Visit of Students to Ramganga Choupal	5	60
Distributed the food packet to poor/needy persons	NGO-Parivertan	Distributed the food packet to poor/needy persons	2	3
Village visit by Jal Shakti Team on swachchta pakhwada for	NSS	Swach Bharat	6	105

			5	120
water conservation and water harvesting				
Save Environment	Hindustan Newspaper	Awareness rally on ban plastics on ocassion of birthday of PM	5	120
Yoga	Patanjali Yog Samiti	Yoga and Meditation	5	200
Smart City Program	Nagar Nigam Moradabad	Ease of living	5	200
AIDS Awarness Day	SNA Unit , College of Nursing	AIDS Awarness	5	210
Single Use Plastic	Dept. Of Drinking Water and Sanitation, Ministry of Jal Shakti	Awareness Program	2	40
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Student Exchange Program attended by 2nd 3rd year BDS Students at Penang International Dental College, Malaysia	7	Self	5
Student Exchange Program attended by Government Dental college, Jammu at Teerthanker Mahaveer Dental College and Research Centre	4	Self	2
Nurses Training Program	500	ILBS	1
Clinical Training of Students	72	Self	180
Workshop of Research Protocol Writing	100	Self	2
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training	School Internship	Secondary and Senior Secondary School Of Distt. Moradabad (U.P.)	07/01/2019	30/11/2019	71
Training	On - the Job - Training	Safeducate	01/01/2020	01/05/2020	1
Project Work	Project Work	UR Services	01/01/2020	01/05/2020	21
Clinical Training	Medical Surgical Nursing Clinical Practice	Medanta Medicity Hospital Sector 38, Gurugram.	17/02/2020	16/03/2020	5
Clinical Training	Clinical Training	Asian Vivekanand S uperspeciali ty Hospital, Moradabad	01/01/2019	31/12/2020	72
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 3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Jeevan Jyoti Hospital	23/08/2019	Clinical Training	5
CADD Centre	26/11/2019	To develops working level expertise on engineering tools namely AutoCAD, STADDPRO, Solid- works, Quantity Take-off,3D Printing 3D Scanning hardware software, ANSYS and 3D S Max.	245
AMCAT	09/01/2020	Testing Platform Training	250
Akole Taluka	08/02/2020	Student and	2

Education Society Technical Campus Akole - Maharastra		Faculty Exchange Programme	
Amrutvahimi Institue of Management Business Administration - Amrut Nagar Sangamner	08/02/2020	Student and Faculty Exchange Programme	2
EPCH - New Delhi	05/03/2020	MBA - (Handi Crafts Export Management) Programme	2
Google India	30/06/2020	Activity Organised - Train the Trainer in the field of Android Development with Kotlin	38

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
336000000	331008985

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS	Nature of automation (fully	Version	Year of automation

software	or patially)		
KOHA	**Fully**	**18.11.15.000**	**2016**

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	**150158**	**44756444**	**13769**	**2596152**	**163927**	**47352596**
Reference Books	**55603**	**20628859**	**1350**	**865506**	**56953**	**21494365**
e-Books	**11986**	**299117**	**11744**	**312687**	**23730**	**611804**
Journals	**1068**	**55254202**	**341**	**4387452**	**1409**	**59641654**
e-Journals	**7890**	**29633721**	**8500**	**2301166**	**16390**	**31934887**
Digital Database	**4**	**29633721**	**4**	**2301166**	**8**	**31934887**
CD & Video	**6703**	**10086**	**38**	**253600**	**6741**	**263686**
Library Automation	**1**	**150000**	**1**	**35400**	**2**	**185400**
Weeding (hard & soft)	**Nill**	**Nill**	**Nill**	**Nill**	**Nill**	**Nill**
Others(specify)	**56**	**604821**	**Nill**	**Nill**	**56**	**604821**

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Pradeep K Gupta	**Nail Constraint in Maya Dynamic**	**You Tube**	**15/04/2020**
Pradeep K Gupta	**Pin Constraint in Maya Dynamic**	**You Tube**	**19/04/2020**
Pradeep K Gupta	**Autodesk MAYA: Fur System Part 1**	**You Tube**	**18/03/2020**
Pradeep K Gupta	**Autodesk MAYA: Fur System Part 3**	**You Tube**	**23/03/2020**
Pradeep K Gupta	**Autodesk MAYA: Fur System Part 2**	**You Tube**	**20/03/2020**
Pradeep K Gupta	**Autodesk MAYA: Fur System Part 4**	**You Tube**	**24/03/2020**
Pradeep K Gupta	**Autodesk MAYA: Fur System Part 5**	**You Tube**	**25/03/2020**
Pradeep K Gupta	**Dynamic Fur MAYA FUR SYSTEM PART 6**	**You Tube**	**27/03/2020**

| Pradeep K Gupta | SOFT BODY Part 1, Track Animation | You Tube | 31/03/2020 |
| Pradeep K Gupta | Active and Passive rigid bodies | You Tube | 04/04/2020 |

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	2504	37	2504	37	37	190	609	1	1
Added	66	0	66	0	0	22	0	0	11
Total	2570	37	2570	37	37	212	609	1	12

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

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Animation and Multimedia Section, CCSIT, TMU	https://youtu.be/73yl8CB97YU

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
14500000	14090644	136500000	130886820

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

University has established systems and procedures for maintaining and utilizing Physical, Academic and support facilities. University has regular maintenance and periodic replenishment of essential facilities. University policy is to have effective mechanism for the upkeep of the infrastructure and other facilities as to have optimum utilization of the facilities in order to have effective college functioning. The infrastructure pertaining to physical, academic and support facilities in University are regularly maintained to ensure that they are of maximum benefit to the students as well as teaching and nonteaching staff. Various departments like Maintenance, IT, Purchase, Security, Horticulture and Scrap are established alongwith adequate staff members to ensure maintenance of the campus. There are various committees like Library, Sports, Website Development etc. to ensure proper maintenance and upkeep. Suitable budget is allocated every year for the maintenance of various facilities. The various committees meet regularly to monitor the optimum use of infrastructure which is accessible to the students and staff of the University.

Laboratory: University provides domain specific lab facilities equipped with different types of instruments. For academic facilities there are lab incharges and staff coordinators. Equipment, instruments and appliances involved in the teachinglearning process are provided continuous maintenance and repair. The advanced and expensive equipment are maintained through Annual Maintenance Contract (AMC). Small instruments/equipment like balance, microscope, pH meter, dissolution apparatus, mixer, hot plate are repaired time-to-time and maintained periodically. Class Rooms: Most of the lectures take place in classrooms with projector, microphone and speakers. This is to ensure usage of new audiovisual pedagogical techniques during the teaching process along with this we have open classrooms where lecture are given. Administration Department has given the responsibilities to Administrative officers to keep the classroom clean. Checking of fans, teaching aids etc in the classroom are done regularly. Library: The Library Advisory Committee with the Principal as the chairperson and librarian as member secretary along with three senior faculties tackle all issues relating to the smooth and efficient functioning of the library. At the time of admission students are issued library cards which will be valid till their final semester. Internet facility is provided in the library and students can access the facility for availing e-resources and other web based information. The University have subscribed to the EBSCO database, Clinical Key (Elsevier) and DELNET Database providing access to full text research articles and sector specific reports in different disciplines. Sports complex (indoor and outdoor): The University has a Cricket stadium and pavilion par excellence. Twenty turf wickets of the University comply with the international standards and have hosted prestigious tournaments like Ranji Trophy and Cooch Behar Tournament. The University houses an indoor sports complex wherein the students can hone up their sports skills. Excellent indoor facilities are available in the indoor sports complex for table-tennis, basketball, volleyball, badminton, gymnastics, yoga, squash, tennis, and skating. The sports committee of the University is incharge of the sports complex and equipments. The committee supervises the Grounds-men and Grade IV staff assigned for maintenance and repair works.

https://www.tmu.ac.in/tmu/policies-sops

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Sports Scholarship , Jain Student Scholarship , Merit Scholarship	452	8221487
Financial Support from Other Sources			
a) National	Merit Cum Means Based Scholarship , UP Scholar ship (Saksham) , TNAI PMSSS , Government of UP post metric Scholarship Scheme	1368	5909030
b)International	Nil	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga and Meditation	21/10/2019	220	Patanjali Yog Shivir
Mentoring	01/09/2019	600	Medical College Research Centre , TMU
Research Methodology	01/09/2019	14	Medical College Research Centre , TMU
Soft Skill Development	01/08/2019	270	Tally, CTLD, Skill Cloud
Language lab	01/08/2019	350	Faculty of Engineering , TMU
Mentoring	01/08/2019	157	Faculty of Education , TMU
AMCAT	01/07/2019	300	AMCAT
Personal Counselling	01/08/2019	157	Faculty of Education , TMU
Remedial Bridge Courses	01/08/2019	244	Faculty of Engineering , TMU
Yoga, Meditation Mentoring	01/08/2019	154	Psychological Department, Medical college TMU

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Professional Preparation at college level	160	160	12	Nill
2019	GATE	6	Nill	Nill	Nill
2019	NEET	Nill	Nill	10	10
2019	Competitive Examination (TET Pattern)	Nill	71	Nill	Nill
2020	Preparation	57	Nill	2	Nill

| 2019 | Career Counselling and Guidance (UG) | 150 | 328 | 112 | 59 |

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
22	22	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Tata Consultancy Services Ltd. , Wipro Technologies , Tech Mahindra , Aithent Technologies , BYJUS The Learning App (Think And Learn Private Limited), Jaro Education , KVCH Oracle, Transport Corporation Of India Ltd. , Webkul , Euthissa Care Solutio	3299	2024	TCS , Infosys Technologies , Cognizant , Capgemini , UrbanClap Technologies , Emeis Technologies , Wipro Technologies , Jellyfish Technologies , Grapecity India , Heureux Software Solutions , Preheus Technologies , Code Variac , Cloud Analogy , Mu	1028	629

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	7	BPT	Physiother	St.	

				apy	Lawrence College, Canada Dolphin Institute of Biomedical & Natural Sciences, Dehradun Integral University, Lucknow TMU, Moradabad	Therapeutic Recreation Program Master of Physiotherapy
2019	13	BRIT, BFS	Paramedical		TMU, DR. HARI SINGH UNIV, AMITY UNIV, CCS UNIV, JAMIA HAMDARD UNIV, DELHI UNIV, BUNDELKHAND UNIVERSITY	PG
2019	1	B.Ed	Education		TMIMT College of Management , TMU	MBA
2019	11	BDS	Dental		TMU , SARASWATI College -Lucknow , BBD-Lucknow	MDS
2019	27	B.Sc. (Animation), B.Sc. Hons. (CS), B.Sc. Hons. (Chemistry), B.Tech. (CSE) (IBM), BBA (I-Nurture), BCA	Computer Science IT		Dr. Shakuntala Misra National Rehabilitation University, Royal Holloway University of London, California State University, IIT Jodhpur, Amity Global Business School, Lloyd Business School, AMITY University, Jaipur National	MBA, MCA, M.Sc. Chemistry PGDM, Aritficial Intelligence, Data Science, Masters of Science in Engineering Management etc.

2019	19	B.Sc. Agriculture	Agriculture	NAARM-Hyderabad , CCS-Meerut , BU-Jhanshi , Toranto , Swami Keshwanand Rajasthan Agricultural University , SHUATS-Allahabad , Amity University-Noida , Integral University-Lukhnow ,Kumaun University - Nainital, HNB-Garhwal University , BHU-Allahabad	MBA , M.Sc.
2019	23	BBA	Management	TMIMT College of Management , TMU	MBA
2019	10	BCOM	Management	TMIMT College of Management , TMU	MBA
2019	11	B.Sc. Nursing & Post B,B.Sc. Nursing	Nursing	Teerthanker Mahaveer College of Nursing, Moradabad	M.Sc. Nursing
2019	2	BALLB	Law	Sardar Patel University	LLM
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	3
GATE	6
Civil Services	1
Any Other	25

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

Activity	Level	Number of Participants
Human Right Day Celebration	College Level	150
Sport-Cricket	University Level	16
Alumni Meet 2020	University Level	500
Fresher Party	College Level	418
World No Tobacco Day Celebration	College Level	70
Womens Day Celebration	College Level	1396
SPLASH 2020 Holi Fest	College Level	1480
Teacher Day Celebration	College Level	636
Teez Celebration	College Level	86

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Bronze	National	1	Nill	393631485920	Divyanshu Kumar Sharma
2019	Regional Youth Festival, Lucknow	National	Nill	2	TPS1901062 , TPS1801072	Zehra Ali , Sarfaraz Alam

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Teerthanker Mahaveer University from its inception ensures that, our students play a major role in representation of day to day affairs of the University, working in partnership with university management. Though, in the beginning it was not structured as Student council but today under the noble guidance of the respective college faculty they were taking part in Placement Committee, Admission Committee, Disciplinary Committee, Sports Committee, Cultural Committee, IQAC, Anti Ragging Committee , Mess Committee and others. TMU boasts to be one of the pioneering Universities where "Mentor- Mentee" system was introduced specially for students of other countries to make them comfortable and safe in new atmosphere and among in our new students. All these activities inculcate democratic leadership qualities, where all voices are heard and best alternatives implemented. The student council has been constituted on the basis of representation of selected students from each constituent department / college of the university. All representative students have been chosen on the basis of their first year evaluations who have shown excellent performance in academics, sports etc. The students join hands with institutions for the

betterment of institutions activities, disciplinary proceedings and mentorship to new students, cultural activities, sports activities, performance of Mess, clubs and professional bodies or any other activity assigned to them. Such representation has played a vital role in academic and administrative bodies/ handling committees, student grievances, prohibition and prevention of sexual harassment, prevent modesty of women students and last but not the least University's upliftment by becoming an ambassador of their Alma Mater in promoting our vision "To be recognized as a premier institution of excellence providing high quality education, research and consultancy services to the society

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes , Teerthanker Mahaveer University has registered Alumni Association with Reference No: 579/2015-16/MBD-29913 as registered on August 06, 2015. TMU Alumni Association aims to bring current and former students together to enhance the opportunities of employability and entrepreneurship skills while conducting various events such as workshops, webinars, lectures by alumni or alumni meet which brings good alumni relationship benefits to both the institution and the alumni. TMU has a rich background of profound alumni who though have not made any financial contribution but certainly have made their presence felt through their successful journeys, both professionally and personally.TMU alumni have a special connection with the university and produce invaluable word-of-mouth publicity and promotion across their personal and professional networks. Alumni which are placed in various reputed organizations visit the campus and deliver guest lectures,attend interaction sessions with current students ,come for campus recruitment drives and guide the current students about the recent trends. TMU has played a responsible role of keeping complete track of their alumni with their required details,we regularly inform them about the current changes and achievements of the institute/ university. Alumni association meetings take place yearly wherein alumni interact with current stakeholders of university. • Alumni members serve as members of the Boards of Studies of our various academic programmes and contribute to updating the syllabus, the introduction of new courses and revamping of the teaching-learning process. • Pre-placement orientation and Corporate Etiquette Training for students are facilitated and practicing professionals who are our Alumni. • Various alumni have also donated books as form of gratitude to their alma mata.

5.4.2 – No. of registered Alumni:

20578

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

21000

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The decentralization and Participating can be categorized under three heads i.e. Academic, Administrative and Financial powers • Regular Academic Review Committee (ARC) Meetings. • Board of studies (BOS) Meeting twice in a year. •

Head of Institution is empowered to sanction Academic Leaves for attending the seminar, conferences, and symposium and vacation leaves. • The Executive Council of the University from time to time through its various resolutions has delegated ample financial powers

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	The university observes a keen insight on marketing for admissions incurring huge expenditure and the students from the higher and senior secondary classes from various schools are invited for the guidance regarding their career and future prospects.
Industry Interaction / Collaboration	Oracle , CISCO ,Redhat Linux , ILFS , Microsoft , CADD Centre , Java , Prolific , IBM , QA worlwide , Tally Academy Pvt. Ltd., I Nurture, Safeducate, ON Skills , Future group , BSE
Human Resource Management	HR policies are there to help the concern stakeholders , for fostering the constructive work milieu through efficient employee employer relation and grievance redressal mechanism.
Library, ICT and Physical Infrastructure / Instrumentation	The basic purpose of our university is to provide world class education to make the lives of the students bright. To fulfill these needs, the institute has: • State-of-the-art infrastructure facilities • International standard laboratories • Technology mediated classrooms • Qualified faculty and technical staff • Good administrative support • Learning resources such as library and information centre • E-Resources, internet and Wi Fi facilities • CCTV for online supervision and monitoring of college activities • Fire alarm system. • Videoconferencing for academic and other purposes, • PA System for announcement of College message in every class room. The library is rich in many aspects.
Research and Development	We support and compliment efforts of the research scholars, research enterprise and its key stakeholders. Seed money and basic equipment is provided to conduct research. .Various MoU's have been signed with leading

	Industries and Universities for enhancing the consultancy and research activities. The university has aprovision of CRC for development of research activities at various departments level. The research thrust areas are identified, promoted, evaluated and the research outcome is disseminated. The efforts of the researchers are encouraged by providing incentives are for outstanding research articles, projects, research proposals and patents.
Teaching and Learning	Proper planning is done before the commencement of semester and teaching plan is scheduled according to academic calendar. Each individual faculty prepares a Teachers diary which consists of Academic Calendar, copy of Syllabus, Self Time Table, Lecture Plan, Class test marks, Student performance in attendance and Academics. Lecture delivery status is maintained by all faculty members on daily basis. It is regularly monitored by HOD/ Director/Principal.
Curriculum Development	We follow the curriculum approved by the statutory bodies like MCI, DCI, AICTE , NCTE etc. However, some modifications are made purposefully for systematic organization to frame the instructional strategy. On the basis of inputs from various stakeholders such as parents, teachers, institutional heads is obtained before proceeding with any revamp in curriculum. We gather the information from the subject matter expert . For the social and industry exposure the curriculum is designed to integrate the field visits for the students without interfering with the syllabi prescribed by the governing bodies.
Examination and Evaluation	University exhibits various information to students through notice boards, public address systems university websites (www.tmu.ac.in) like academic calendar, time-table, and results. Faculty member are intimated about meeting etc.via e-mail SMS or sometimes via circulars. Colleges ensures finalization of date sheet, setting of question paper ,coding of answer sheets evaluation of answer books, scrutiny of answer books, declaration of result and issuing the mark sheets whole system is

centralized. There is a set well defined system for handling the student grievances related to examination like UFM, question paper etc the process is well defined in university ordinances and decisions are centralized.

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

E-governace area	Details
Student Admission and Support	Students who desires to take admission for UG and PG program of the University / College are required to make formal application online on University web site by registering themselves. The data collected through this process is further used for making admission list of the eligible candidates and for online payment of the necessary fees.
Examination	MIS (ERP) of the university has well defined modules for collecting the data related to Examination form Submission , marks of continues evaluation, Mid semester Test, End semester marks, collection of question papers, appointment of examiners, collection of thesis and declaration of final results. The mark sheet of all examinations is printed using examination modules.
Planning and Development	The MIS (ERP)modules of the university helps in planning academic activities which includes Timetable, Recording of Lectures and attendance, Feedback by students. This MIS helps in distributing students in batches through batch management, the faculty subject allocation, allotting subject wise infrastructure.
Administration	Administrative MIS (ERP)modules of the institute helps in keeping service records of all the employees.
Finance and Accounts	Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using e-governance mechanism. This has helps keeping records of receipt of funds, projects, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Mr. Umesh Kumar Singh	Virtual Lab Workshop	IIT Kanpur	2500
2019	Mr. Pradeep Kumar Verma Dr.Gulista Khan	Innovation ambassador program at LPU PunjabI	MHRD	8500
		[View File](#)		

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Intensive Teaching Workshop	Nill	19/09/2019	19/09/2019	2	Nill
2019	Faculty Development Program	Nill	17/08/2019	17/08/2019	22	Nill
2019	Faculty Development Program	Nill	05/10/2019	05/10/2019	22	Nill
2019	Faculty Development Program	Nill	16/10/2019	16/10/2019	22	Nill
2019	Faculty Development Program	Nill	19/10/2019	19/10/2019	22	Nill
2020	Faculty Development Program on soft skills and development of cordial re lationship in university and at home	Nill	13/03/2020	14/03/2020	24	Nill
2020	Faculty	Nill			22	Nill

			24/02/2020	24/02/2020			
2020	Faculty Induction Program	Nill	07/03/2020	07/03/2020		18	Nill
2019	Intensive Teaching Workshop	Nill	09/07/2019	09/07/2019		25	Nill
2019	Minerva Leadership Development Program	Nill	26/09/2019	26/09/2019		20	Nill

View File

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Automobile IC Engine Design (AUTOFREAK)	52	18/11/2019	19/11/2019	2
Intellectual Property Rights	55	19/10/2019	19/10/2019	1
Orientation Program	4	23/08/2019	23/08/2019	1
Mateials Characterizations:Structure, Spectroscopy and Microscopy	1	19/08/2019	24/08/2019	5
Declarative Development for Platform App Builders	1	15/07/2019	19/07/2019	5
Outcome Based Education Accreditation	23	09/07/2019	09/07/2019	1
Webinar under MHRD innovation Cell-AICTE	37	22/08/2019	22/08/2019	1
One week short term course on Deep Learning	1	22/07/2019	26/07/2019	5
Advanced Concrete Mix design	23	14/09/2019	14/09/2019	1
2nd National Sports	2	14/09/2019	15/09/2019	2

Conference				
		[View File]()		

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
372	**427**	**518**	**779**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
University hospital facility (20 discount) , Accommodation, Study leaves.	**University hospital facility (20 discount), PF and ESIC scheme, Earn leaves.**	**Jain Scholarship, Merit Scholarship , Medical Aid Services , Student Fees Concession**

6.4 – Financial Management and Resource Mobilization

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

Yes, Internal and external audit provisions are there in the university .Budget provisions are formally identified and approved yearly. The expenditures are made in the most economical and transparent manner as per university guidelines.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
EDII	**20000**	**EAC(Entrepreneurship Awareness camp)**
	[View File]()	

6.4.3 – Total corpus fund generated

334400000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**No**	**Nill**	**Yes**	**IQAC**
Administrative	**No**	**Nill**	**Yes**	**IQAC**

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

• Academic leadership is provided to the faculty by setting up an example by the top management. • The top management firmly believes in "Leading by doing" • Academic excellence is ensured at all levels ensuring a lifelong learning experience. • Faculty is encouraged to participate in seminars, workshops, orientation and refresher courses. They are trained and retrained in evolving teaching learning methods.

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

Head of the Institution, HODs and teachers interact with the parents as and

when required to communicate academic progress, attendance and their behavioural issues, if any. Distinguished parents provide valuable feedback on curriculum development, teaching-learning process In case of any problem related to student , parents can directly contact with mentor principal Director

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

Code of conduct and behaviour at work Training / Workshop/Seminars / Development Programme are conducted on IT ERP usages Session on General Topics like Energy Conservation, Time Management, Stress Management etc.

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

Regular training programme on Accreditation, Regular Audits on Internal Quality of Academics, Administration, Research and Development, Regular feedback from various stake holders for the betterment of the processes, Seed Money and Innovation .

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Talk on CBCS (UG PG) for Teachers	19/08/2019	19/08/2019	22/08/2019	58
2020	Faculty Development Programme/Workshop	05/01/2020	05/01/2020	09/01/2020	58
2020	Review of all NAAC criteria for annual academic audit	06/10/2020	06/10/2020	10/10/2020	10
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness workshop on Girls Safety for New	21/08/2019	21/08/2019	310	Nill

admitted Girls (Orientation Day)				
Mahila Shashktikaran Program organised by Nari Uthan Samiti, Moradabad	14/09/2019	14/09/2019	225	Nill
Talk on Gender Equality on International Women's Day	30/09/2019	30/09/2019	110	100
Lecture on Women safety from Eve -Teasing	28/10/2019	30/10/2019	216	Nill
Aprajita - Lecture on Role of Working Women in Society	21/11/2019	21/11/2019	150	50
Talk on Woman Health Care	14/12/2019	14/12/2019	220	Nill
Gender Equity	16/01/2020	16/01/2020	18	19
Program on Self Defence Training for Girls safety	18/02/2020	18/02/2020	216	Nill
Aparajita-Awareness on health and hygine with special reference to COVID-19	18/02/2020	18/02/2020	46	47
Talk on "Leading Global Women Managers" on International Womens day	08/03/2020	08/03/2020	200	30
"Women Rights" & "Gender Equality"	05/03/2020	05/03/2020	97	53
Aparajita - Yoga sessions to maintain physical & mental peace	15/01/2020	15/01/2020	116	100

"Aparajita Sanwaad"- A talk on women problems	22/02/2020	22/02/2020	225	Nill

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

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

1. Solar energy • The UP Power Corporation has sanctioned the load of 3000 KVA terminate the supply in meter room of 11 KV switch gear system from there university receive the supply at own 11/0.4 substation. The solar PV power plant of capacity 1000 KWP has been installed on the roof tops of the various buildings. • The average power requirement of the campus is approximately 14000 units per day 4000 units per day are generated by solar power panels i.e. approximately 20 power requirement is fulfilled by solar panels, apart from that solar street lights are installed in the campus at major places. 2. Use of LED bulbs/ power-efficient equipment The university purchases only LED lights replaced old tube light/ bulb from LED lights as and when required. The updated power saver equipment like fan, AC other IT items are replaced by old one.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	4
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	Nill
Rest Rooms	Yes	3
Scribes for examination	Yes	3
Special skill development for differently abled students	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	2	2	18/09/2019	2	Awarenesss Camp to Clean Ramganga River.	Water Pollution of Ram Ganga River	53
2019	4	4	01/09/2019	15	Water conservation under Swacchata pakhwada	Cleanliness, Enviornmental Pollution	120

2019	4	4	05/09/2019	1	Village visit by jal shakti team of College of Argriculture Sciences	Water Conservatiopn and Water Harvesting	100
2019	2	2	22/10/2019	2	Awarness Camp on Consequences of Burning E- waste faced by Society at Moradabad	Air Pollution caused by burning of e - waste.	64
2019	2	2	29/11/2019	2	Awareness Camp on Road Safety and Traffic Rules	Road Accidents	54
2019	2	2	19/12/2019	3	Awareness Camp for Health Hazards faced by Labours working in Brass Industries in Moradabad.	Chronic Disease	64
2020	4	4	08/01/2020	4	Campaign run for Spreading awareness about benefits of wearing helmets.	Road Accidents due to not wearing helmets.	58
2020	2	2	07/02/2020	2	Campaign run at Buddhi Vihar area Say	Soil Pollution	64

2020	2	2	13/03/2020	2	Camapaign Awareness of POSCO Act	child safety	29

| | | | | | No to Polythene Bags. | | |

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

Title	Date of publication	Follow up(max 100 words)
Handbook-2019	31/10/2019	Handbooks are given to all new enrolled students in Orientation Program explained all rules and regulation by all HoDs Proctor in the presence of Principal.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Cultural Event- Independence Day celebration	13/08/2019	13/08/2019	75
Cultural Event- Independence Day celebration	29/08/2019	29/08/2019	105
Sardar Vallabhbhai Patel Jayanti	31/10/2019	31/10/2019	50
National Mathematics Day	23/12/2019	23/12/2019	58
National Youth Day	14/01/2020	14/01/2020	80
Subhash Chandra Bose Jayanti	23/01/2019	23/01/2019	60
Workshop on Guided Meditation for professionals in Teaching	25/02/2020	25/02/2020	46
National Science Day	28/02/2020	28/02/2020	55
Expert Lecture on "Human Values and Professional Ethics	08/07/2019	08/07/2019	200
Drug Free India Campaign	15/01/2020	15/01/2020	454

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

1. Solid Waste Management The biodegradable waste like food waste from mess canteen is purchased by the nearby piggery farms on the daily basis. 2. Liquid Waste Management The University has established STP (Sea wage Treatment Plant) ETP (Effluent Treatment Plant) for the disposal of liquid base. After the treatment the treated waste water is used for the irrigation of agriculture field, grounds, parks etc of the university campus. 3. Biomedical Waste Management The University has signed MoU with SP Green Light Environment Waste Management LLP, 1st Floor, Tiwari Market, Opp Ram Janki Mandir, Bareilly – 243001 for the collection disposal of biomedical waste. (Link) 4. E-Waste Management The university has contract with Govt. authorized vendor – M/s Malik Associates, Khasra No-3148, Mo- Pathak, Chichrai Road, Jahangirabad, Tehsil- Anoopshahar, Distt.- Bulandshahar for the disposal E-Waste (plastic waste, electric waste electronic waste), who collects e-waste on periodical basis. 5. Waste Recycling System Degradable solid waste like tree leaf, grass etc. collected from the campus are dumped in the compost unit to produce organic fertilizer, which is used for gardening, nursery preparation floriculture purpose in the campus. 6. Hazardous Chemicals Radioactive Waste Management The hazardous chemicals of central laboratory has been dis-infected through autoclave the University has its own ETP (Effluent Treatment Plant) for the disposal of hazardous chemicals. The radioactive waste is not generated by the University. 7. Rainwater harvesting The University has it's own water lake with the capacity of 1 crore liter water. This large lake serve the main purpose of rain water harvesting. The rain water from the roofs tops of the buildings through drains, landscaped campus RCC roads recharge the ground water table throughout the year. 8. Construction of Tanks Bunds The University has constructed three water tanks and all tanks fulfill the following purposes- i. Household water requirements for the campus residents including hostels. ii. Fire safety water requirements. iii. For the irrigation of agriculture field, grounds, parks etc. 9. Waste Water Recycling The University has established STP (Sea wage Treatment Plant) as per standard norms for the purpose of waste water recycling. 10. Restricted Entry of Automobiles The university restrict the entry of vehicles in the campus. The following two types of passes are issued for the entry purpose in the campus- i. Green Pass – Only for the campus resident vehicles. ii. Yellow Pass – Other than the campus resident vehicles. The parking area is available for the visitors at the entry gate of the University. 11. Use of Bicycles/ Battery-Powered Vehicles The fleet of e-rikshaw golf cart is available to move within the campus. 12. Pedestrian-Friendly Pathways The University have pedestrian/ walkways to connect different buildings of the university constructed through eco-friendly interlock

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Green Energy 2. Soft Skill Training

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

https://www.tmu.ac.in/tmu/iqac-cell

7.3 – Institutional Distinctiveness

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

Teerthanker Mahaveer University distinguishes itself with the holistic approach towards the education of everyone associated with the university by committing to the ideals of Lord Mahaveer - Right Philosophy, Right Knowledge, and Right Conduct in all the spheres of activity. This approach has nurtured a positive environment that helps evolve individuals with values, making TMU an ultimate

destination for a world-class education. Our Vision, To be recognized as a premier institution of excellence providing high-quality education, research, and consultancy services to the society has become another driving force for our success. Hence we step forward towards our mission to impart knowledge and develop critical skills necessary to succeed in professional and personal life by promoting learning supported by world-class faculty, infrastructure, technology, curricula, and collaborative teaching and research with premier institutions in India and abroad. We provide a unique environment for students to grow under experienced academicians guidance and acquire creative, innovative, and technical skills required to make the students industry-ready. Our talented faculty and staff form a dedicated team committed to the mission of the University. It is a dynamic, research-intensive university committed to developing life-saving discoveries and new technologies to tackle some of the most pressing global challenges. Education at TMU is not just about books and classrooms but also about overall personality development and honing special skills. It provides an environment conducive to teaching and learning adequately supported by innovative academic research programs and practices. The University has well qualified and experienced faculty with 1400 Research Publications, 300 Books in diverse areas, 5 Govt. funded Research Projects and 180 Patents awarded, state-of-the-art laboratories and research facilities, well planned residential space, along with an excellent ecosystem for extra and co-curricular activities. The campus is entirely Wi-Fi enabled and uses the latest technology to impart education. With the availability of these essential building blocks of a top-notch institution, TMU enjoys a unique position to facilitate the all-around development of students to help them acquire lifelong learning and make them competent professionals and good human beings. To strengthen corporate relationships and associations, Teerthanker Mahaveer University has collaborative certification tie-ups with many industry leaders like IBM, Cisco, i-nurture, etc. The University has achieved several milestones in education along with receiving numerous awards in the education domain. Our strenuous efforts are to provide quality education to its students through dynamic research, rigorous training, and efficient mentorship. We aim to integrate research development with academics and encourage our faculty and students to research for developing excellent technologies that are responsive to local, national, and global issues. Our faculty members and students are inspired and motivated by creativity, ingenuity, and resourcefulness. Inter-college sports competitions and cultural events organized around the year help students grow and be exposed to learning teamwork, and develop leadership skills. We believe in fostering pioneering minds that are nurturing intellectually in individuals. We endeavor to create the best possible environment for our student's commitment to a social cause and ethical values.

Provide the weblink of the institution
https://www.tmu.ac.in/tmu/iqac-cell

8.Future Plans of Actions for Next Academic Year

The University has achieved new heights in its academic performance and quality of research during previous years. The road map for the next year includes focus on expansion of research facilities, strengthening of teaching laboratories, expansion of student amenities. Some of the highlights are enumerated below: • To facilitate teaching learning in a more conducing environment • To develop new structure programme for students. • Better faculty development Programme. • Strengthening student admissions and progression • To promote faculty/student exchange programme. • To upgrade the quantity as well as quality of materials, equipment and general facilities to enhance the working atmosphere in the college. • Strategic alliances and partnerships with national institutions for offering more professional courses. • Use of flexible learning and adoption of new information and communications technologies to increase access. • Consultancy

assignments for revenue generation.