CRITERION – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
851	324	100	94	333

2.2 No. of permanent faculty with Ph.D.

84

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
110	67	30	37	25	15	158	9	322	119

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest Faculty	Visiting Faculty	Temporary Faculty
43	42	6

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	82	240	130
Presented papers	39	31	20
Resource Persons	20	40	35

2.6 Innovative processes adopted by the institution in Teaching and Learning:

The university is receptive to innovative practices and implement the same from time to time. For e.g. Faculty of Engineering conducted the "Water Footprint Survey" of its students for generating awareness among them towards sustainable development.

The Colleges conduct talks from eminent entrepreneurs to induce the spirit of entrepreneurship among the students. Webinars are a common platform used by all the colleges of the university to lay hands on best of the academic resources for teaching the students.

Few colleges have introduced multiple choice questions to induce objectivity in the system. Holding conferences and workshops are a common feature. Massive Open Online course (MOOC) are being referred to widely all across the university.

2.7 Total No. of actual teaching days during this academic year

198

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Coding- decoding of answer books
- Multiple-choice questions.
- Re-totalling and verification of all questions checked.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

Board of Study	Faculty	Curriculum Development workshop
236	68	45

2.10 Average percentage of attendance of students 77.4 %

2.11 Course/Programme wise distribution of pass percentage (Final Year):

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Medical College & Research Centre						
MBBS	85	-	-	-	-	99
M.Sc. Medical (Anatomy)	1	-	-	-	-	100
M.Sc. Medical (Microbiology)	5	-	-	-	-	100
M.Sc. Medical (Physiology)	3	-	-	-	-	100
MD (Physiology)	1	-	-	-	-	100
MD (Pathology)	5	-	-	-	-	100
MD (Microbiology)	3	-	-	-	-	100
MD (Pharmacology)	2	-	-	-	-	100
MD (Forensic Medicine)	3	-	-	-	-	100
MD (Community Medicine)	1	-	-	-	-	100
MD (General Medicine)	4	-	-	-	-	100
MD (TB & Chest)	1	-	-	-	-	100
MD (Psychiatry)	2	-	-	-	-	100
MD (Dermatology)	1	-	-	-	-	100
MD (Paediatrics)	3	-	-	-	-	100
MD (Radio-diagnosis)	4	-	-	-	-	100
MD (Anesthesia)	5	-	-	-	-	100
MS (General Surgery)	5	-	-	-	-	100
MS (Orthopaedics)	1	-	-	-	-	100
MS (ENT)	3	-	-	-	-	100
MS (Ophthalmology)	2	-	-	-	-	100
MS (OBG)	1	-	-	-	-	100
Dental College & Research Centre						
BDS	73	-	-	-	-	90.41
MDS	27	-	-	-	-	100
College of Management						
MBA	137	13.72	80.39	5.88	-	74.5
MBA (I-Nurture)	8	12.5	62.5	25.0	-	100
BBA	213	3.84	74.61	21.53	-	61
BBA (I-Nurture)	7	33.33	66.66	-	-	85
B.Com. (Hons.)	131	13.04	80.86	6.08	-	88
B.Com.	54	5.55	66.66	27.77	-	66.6

College of Computing Sciences & Information Technology						
M.Tech.	7	85.71	-	-	-	85.71
MCA Regular	16	31.25	50.0	6.25	-	87.50
MCA Lateral	47	23.40	61.70	-	-	85.11
BCA+MCA	14	42.86	21.43	-	-	64.29
B.Tech. Regular	71	15.49	40.86	-	-	56.34
B.Tech. Lateral	7	-	57.14	-	-	57.14
BCA	213	11.74	46.01	10.33	-	68.08
B.Sc. C.S.	77	22.08	48.05	9.10	-	79.23
BSc Animation	26	26.92	30.77	-	-	57.69
College of Engineering						
B. Tech (Civil)	76	31	51	3	-	85
B. Tech. (EC)	32	39	61	-	-	97
B. Tech. (EE)	28	40	21	6	-	68
B. Tech. (ME)	85	6	52	13	-	71
B.Sc. (Maths)	38	29	50	16	-	95
B.Sc. (Chemistry)	26	23	50	-	-	73
B.Sc. (Physics)	23	39	43	4	-	87
M.Sc. (Maths)	05	100	-	-	-	100
M.Sc. (Chemistry)	21	86	14	-	-	100
M.Sc. (Physics)	18	78	22	-	-	100
College of Pharmacy						
B. Pharm.	60	3.33	48.33	33.33	-	85.00
Pharm. D.	10	30.00	60.00	-	-	90.00
Pharm. D. (Post Baccalaureate)	2	50.00	23.25	-	-	50
College of Nursing						
Post Basic B.Sc. Nursing	26	8	88	-	-	96.00
M.Sc. Nursing	23	78	22	-	-	100
B.Sc. Nursing	89	11	52	4	-	67.00
College of Law &Legal Studies						
BA.LL.B	29	3.44	37.92	34.48	-	75.86
BBA.LL.B	38	2.63	47.36	21.05	-	71.05
B.Com. LL.B	17	-	52.94	5.88	-	58.82
Polytechnic						
Diploma Civil	37	5.4	51.4	13.5	-	70.3
Diploma Electrical	20	20.0	50.0	5.0	-	75.0
Diploma Electronics	9	-	55.6	11.1	-	66.7
Diploma CS	10	50.0	40.0	10.0	-	100.0
Diploma Mechanical (Auto.)	16	6.3	37.5	6.3	-	50.0
Diploma Mechanical (Prod.)	20	5.0	35.0	10.0	-	50.0
Diploma Civil (Lateral)	11	27.3	54.5	-	-	81.8
Diploma Electrical (Lateral)	17	17.6	58.8	-	-	76.5
Diploma Electronics (Lateral)	8	-	62.5	-	-	62.5
Diploma CS (Lateral)	7	14.3	71.4	14.3	-	100.0
Diploma Mechanical (Auto.) (Lateral)	17	5.9	41.2	-	-	47.1
Diploma Mechanical (Prod.) (Lateral)	25	4.0	84.0	-	-	88.0
College of Paramedical Sciences						
BRIT	28	14.2	64.3	14.2	-	100
BMLT	64	12.5	43.7	31.5	-	87.5
B.Sc. (Forensic)	18	17.0	83.0	-	-	94
B. Optometry	16	31.2	68.8	-	-	100

College of Education						
M.Ed.	09	44.45	33.33	22.22	-	100
B.Ed.	34	32.35	55.88	5.88	-	94.11
College of Physical Education						
B.P.Ed.	24	50	50	-	-	100
M.P.Ed.	8	25	37.50	-	-	62.5
PGDYED	91	71.42	26.37	-	-	97.80
College of Journalism & Mass Communication						
BJMC	35	20.00	48.57	5.71	-	74.28
MJMC	21	23.80	38.09	-	-	61.90
College of Fine Arts						
BFA	20	-	55	30	-	85
MFA	10	10.0	90.0	-	-	100
College of Physiotherapy						
BPT	55	10.9	60	5.4	-	76.3
College of Architecture						
B.Arch.	25	-	60	16	-	76
College of Agricultures Sciences						
B.Sc. Agriculture	36	-	87.5	12.5	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

A well knitted feedback system is in place in all the colleges of the university. Feedback is sought from different stakeholders like students, parents, faculty, experts, industrialists, etc. to improve the syllabus of various programs.

The student mentorship program is closely monitored wherein the progress of each student is recorded in the register specifically designed for this purpose.

Regular internal academic audits and checks are also done by an independent team from the University.

2.13 Initiatives undertaken towards faculty development

The University has collaborated with the UGC- HRDC at the Kumaun University Nainital for regular FDPs at the University which has had a good response from faculty in addition to the faculty being deputed to various programs across the country. The faculty has attended the following programs during the period of accreditation.

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	34
UGC – Faculty Improvement Programme	27
HRD programmes	8
Orientation programmes	15
Faculty exchange programme	0
Staff training conducted by the university	10

Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	35
Others	2

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	252	19	4	9
Technical Staff	216	25	0	0

CRITERION – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution:

The university has formed a University Research and Consultancy Cell for monitoring the research activities in the universities. The URCC monitors the process of doctoral research in the university and formulates and implements suitable guidelines for creating an environment conducive for research in the university. The IQAC proposed a policy for inducing research by offering motivation to the faculty members in case if they publish papers in the indexed journals.

A seed fund has bene created with Rs 100.00 lakhs for promotion of research and funds can be sanctioned to the faculty on submission of the projects. Also sensatisation of faculty are done from time to time to apprise them on funding agencies for grant.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-			
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	54	142	54
Non-Peer Review Journals	9	0	0
e-Journals	21	10	0
Conference proceedings	54	17	0

3.5 Details on Impact factor of publications:

Name of Colleges	Range	Average	h-index	Nos. In Scopus
Medical College & Research Centre	0.03-5.36	2.92	0	10
Dental College & Research Centre	0.354-3.141	1.38	0-10	95
College of Computing Sciences & Information Technology	0 – 102	19	5	4
College of Engineering	0-5	0.728	0	0
College of Nursing	-	-	-	10
College of Physical Education	5.72	5.72	-	-
College of Physiotherapy	-	3.7	-	-

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Medical College & Research Centre:

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects (MD STD.)	2015-17	ICMR	25000/-	25,000/-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	2017	ICMR-STS	30,000/	-
Any other (Specify)	-	-	-	-
Total			**55,000/-**	**25,000/-**

3.7 No. of books published   i) With ISBN No. | 5 | Chapters in Edited Books | 2 |

ii) Without ISBN No. | 1 |

3.8 No. of University Departments receiving funds from

UGC-SAP | 0 | CAS | 0 | DST-FIST | 0 |

DPE | 0 | DBT Scheme/funds | 0 |

3.9 For colleges

Autonomy | 0 | CPE | 0 | DBT Star Scheme | 0 |

INSPIRE | 0 | CE | 0 | Any Other (specify) | 0 |

3.10 Revenue generated through consultancy

Sl. No	Name of College	Amount
1	College of Engineering	21,500
2	University Polytechnic	80,000
	TOTAL	1,01,500

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	5	4	0	1	11
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons `93`

3.13 No. of collaborations   International `2`   National `21`   Any other `3`

3.14 No. of linkages created during this year `6`

3.15 Total budget for research for current year in lakhs:

From Funding agency `-`   From Management of University/College `1,00,000,00.00`

Total `1,00,000,00.00`

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the Institute in the year

Total	International	National	State	University	Dist	College
11	3	-	4	4	-	-

3.18 No. of faculty from the Institution `35`

who are Ph. D. Guides
and students registered under them `53`

3.19 No. of Ph.D. awarded by faculty from the Institution (session 2017-18) `9`

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF `0`   SRF `0`   Project Fellows `0`   Any other `0`

3.21 No. of students Participated in NSS events:

University level `214`   State level `0`

National level `0`   International level `0`

3.22 No. of students participated in NCC events:

University level `0`   State level `0`

National level `0`   International level `0`

3.23 No. of Awards won in NSS:

University level [1] State level [0]

National level [0] International level [0]

3.24 No. of Awards won in NCC:

University level [0] State level [0]

National level [0] International level [0]

3.25 No. of Extension activities organized

University forum [14] College forum [160]

NCC [0] NSS [12] Any other [1]

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The university carries out extension activities frequently to sensitise its students and develop them as them responsible citizens. The Colleges of the university organise sensitisation workshops on topics like sustainable development, women empowerment, child abuse etc. from time to time. The medical College of the university organises a blood donation camp on regular basis. Plantation drives are carried out university wide frequently to make the university campus ecologically healthy.

CRITERION – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	135 Acres	-	University	135 Acres
Class rooms	237	4	University	241
Laboratories	241	24	University	265
Seminar Halls	30	-	University	30
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	7	192	University	199
Value of the equipment purchased during the year (Rs. in Lakhs)	34800470	28912570	University	63713040
Others	1	-	University	1

4.2 Computerization of administration and library

Name of College	Particulars
Medical College & Research Centre	Computerization of administration and Central library is under process.
Dental College & Research Centre	All the departments in the college, administration office, and library are computerized with internet facilities.
Teerthanker Mahaveer Institute of Management & Technology	Campus Connect, ERP Microsoft EBSCO Host Training programme
College of Computing Sciences & Information Technology	AR Office, College Admission Room, College Library
College of Engineering	ERP is in implementation phase. Library is switching from tradition OPAC to KOHA.
College of Pharmacy	Library digitalized with Koha software and electronic e-journals like EBSCO HOST, DELNET and Clinical Key & Micromedex database.
College of Nursing	E-Library – 6 Computers, Library -10 Library Administration - 4 College Administration- 13
College of Law & Legal Studies	Campus Connect, ERP Microsoft EBSCO Host Training programme & Manupatra
College of Education	Campus Connect. Automation Process provided in Library EBSCO database providing access for full text research articles.
College of Physical Education	1. 02 Computers with UPS in administration, 01 all in one printer. 2. 09 Computers (with only one UPS)

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

PART – A

1. Details of the Institution

1.1 Name of Institution	Teerthanker Mahaveer University
1.2 Address Line 1	NH-24, Delhi Road, Moradabad
Address Line 1	Moradabad
State	Uttar Pradesh
Pin Code	244001
Institution e-mail address	university@tmu.ac.in
Contact Nos.	0591-2360222
Name of the Head of the Institution	Prof. Rakesh K. Mudgal
Tel. No. with STD Code:	0591-2360222
Mobile:	9639644555
Name of the IQAC Co-ordinator	Prof. K.K. Pande
Mobile	9837016153
IQAC e-mail address:	dean@tmu.ac.in

	3. The library of the college is computerised and OPAC system and latest version of library software KOHA is acquired by the college to extent better facilities to its all users. 4. College is having Wi-Fi facility in building where students can access Internet.
College of Paramedical Sciences	ERP Library Automation - (KOHA)
College of Agriculture Science	1. Biometric Attendance for Staff Members. 2. Online Library Software for Books

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	99482	38983221	10029	3207922	109511	42191053
Reference Books	21198	14757813	327	57620	21525	14815433
e-Books Journals e-Journals CD & Video	6666	15321246	10007	10740099	16223	16345545
Digital Database	3	4510345	-	-	3	4510345
Magazine / News Paper	-	-	82	105680	82	105680

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	2043	700	1238	18	9	72	43	22
Added	70	2	22	0	0	1	0	9
Total	**2113**	**702**	**1260**	**18**	**9**	**73**	**43**	**31**

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Name of College	Particulars
Medical College & Research Centre	College has its own wifi connection to access by Teacher and students both.
Dental College & Research Centre	All the lecture halls, Principal office, all departments, library are fully equipped with computer and internet connection for better e-governance, student teacher training programme and technology up gradation.
Teerthanker Mahaveer Institute of Management & Technology	Advanced Excel Training Programme SPSS Training Programme
College of Computing Sciences & Information Technology	1. Access to EBESCOHOST and DELNET database for research 2. E books and videos for effective teaching 3. Various FDP and Workshops conducted on new technologies (IoT, Cloud, Adobe Flash etc) for faculties and students
College of Engineering	1. Faculty members /Staff/Students can access internet anywhere as campus is wi-fi enabled.

	2. Faculty development Program on MATLAB, Design & installation of solar photovoltaic system, IoT. 3. Skill based courses in collaboration with various industries & training partners. 4. Setup of Knowledge Lab an IIT Kharagpur incubated start up to provide tailored e-learning solutions as per our curricula.
College of Pharmacy	02 Training programmes
College of Nursing	SPSS, MINI TAB, Coral draw
College of Physical Education	1. The campus of the college is wi-fi enabled and the students of almost all the courses are having theory and practical classes for learning the operation and use of computers. 2. The teachers workshops are organised to train them for better operational skills of Computer. 3. The college conducted lecture for students & teacher orientation in use of e-governance.

4.6 Amount spent on maintenance in lakhs:

i) ICT
4,23,865.00

ii) Campus Infrastructure and facilities
5,85,66,996.00

iii) Equipments
2,08,153,85.70

iv) Others
2,20,74,632.00

Total:
10,18,80,878.70

CRITERION – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Name of College	Particulars
Medical College & Research Centre	Regular meeting with all Head of Department under Chairmanship of principal medical college to improve Academic activities, clinical training and their evaluation by examination as per MCI guideline.
Dental College & Research Centre	1. Student Forum 2. Mentor Mentee Program 3. Grievance & Redressal System
Teerthanker Mahaveer Institute of Management & Technology	Internal audit for smooth conduct of Institute is done from time to time
College of Computing Sciences & Information Technology	1. One day Orientation Program was conducted for the fresher's. 2. Mentoring of students: A booklet having student's complete academic and personal details was maintained by mentor for every student. 3. Placement Cell provided guidance and counselling to the students regarding employment. 4. Students are encouraged to participate in extra-curricular and co-curricular activities. 5. GATE Classes conducted. 6. Personality development classes have been introduced to give value addition to their curriculum. 7. Seminars/Workshops/Conferences are organized.
College of Engineering	IQAC ensures student services like: 1. Placement cell up dates, Events, student's achievements, conferences, Seminars, Workshops 2. Addition of Subject books, Competitive books, Journals and periodicals in the library 3. Buses provided for local students 4. Ensures all the important information is announced in the class rooms and placed in the notice boards and What Sapp communication groups and connect to social media through internet. 5. Regular Meetings with Class Representatives, feedback is taken on the awareness on student support services and accordingly brings to the notice of the Heads of the department. 6. Reports from Anti-Ragging cell, Grievance Redressal Cell, Women Support Cell etc are collected and an analysis report is sent to the Director to address the issues in order to improve the working of student support services.
College of Nursing	Regular meet up with student welfare committee for necessary suggestions and implementation of appropriate services for welfare of the students

College of Law & Legal Studies	Internal audit for smooth conduct of Institute is done from time to time. Skill based workshops, Camps; Seminars & Moot Courts are organized frequently.
University Polytechnic	Formation of various committees to redress the various suggestion of students. Anti-Ragging Committee, Proctorial Board, Sport Committee, Cultural Committee, Grievance Cell & Examination Committee.
College of Education	Student Support System elaborated in Orientation Program.
College of Physical Education	1. The IQAC prepares in advance, its sports academic calendar. 2. IQAC is responsible for ensuring quality in all academic activities which leads to the overall development of the college. 3. The administrative and academic functions are stream-lined with the help of various committees. 4. The College encourages participatory approach to translate quality to the functioning of its various administrative and academic units. 5. Addition of New books, journals in the library 6. Ensures all the important information is announced in the class rooms and placed in the notice boards. 7. Regular Meetings with Class Representatives, feedback is taken on the awareness on student support services.
College of Journalism & Mass Communication	Orientation sessions were conducted by the Faculty for the newly Student.
College of Fine Arts	IQAC encourages students to participate in different competitions and the same outcome reflects on our college wall magazine. On the other hand educational tours proves to be a practical knowledge
College of Physiotherapy	Formation of various committees to redress the various grievances of students.
College of Agriculture Science	Inductions of students are regularly done to get them acquainted with the college services & facilities being provided to them through the mode of operation of various committees.
College of Architecture	1. Orientation 2. Academic Calendar 3. Knowledge about COA, IIA and related governing bodies of Architects

5.2 Efforts made by the institution for tracking the progression

Name of College	Particulars
Medical College & Research Centre	Above mentioned program along with mentor-mentee program to establish a better student Development and Support process.
Dental College & Research Centre	1. Result Analysis of every year for BDS 2. Feedback System
Teerthanker Mahaveer Institute of Management & Technology	Meeting with all stake holders is done for strengthening day to day activities on the basis of Academic Calendar and Time Table. Rs.5000 waive off on enrolment. Entry level Scholarship and other scholarships from Institution.

College of Computing Sciences & Information Technology	1. The College has highly qualified faculty pool whose specialized areas are Cloud Computing, Android applications. Big data & Analytics, Grid computing, web Applications etc. 2. The College has world class infrastructure to provide all necessities to the students and the faculty. Spacious lecture halls, computer labs and seminar hall are very well equipped with all ultra-modern facility to impart quality education. 3. The College responsibilities are divided evenly amongst the faculty members. There exist various committees to fulfill the purpose. 4. The College organizes various events for the overall development of students that include conferences, seminars, and workshops each academic year. Along with this various short term courses. 5. Students get the facility to refer to thousands of books from the college library for the subjects they are studying. Apart from this library has rich collection of international and national Journals, Magazines, Newspapers and various educational CDs/VCDs. 6. The College also uses academic e-Content for teaching and learning resources. 7. Students participate is GDs. There is Communication Wing operating in College. Faculty of that wing is responsible to make them update about new things, changes and to improve their power of communication and also to groom their personality. 8. A system called class share is developed where faculty post notes for the easy access of the students. 9. Workshops, Seminars and Faculty Development Programme from new challenges, issues and practices are organized time to time. 10. Teaching is done through case study method, simulation and dramatics. 11. College has conducted the faculty development program.
College of Engineering	1. Timely intervention and counselling through Counsellors for freshers. 2. Placement coordinators in various departments to motivate students and coordinate placements. 3. Regular CRT Classes preparing for better placement. 4. The mentoring system ensures effective tracking of student's progression. 5. The students are encouraged to discuss every activity with his/her mentor so that even smallest problem can be addressed in its preliminary stage itself.
College of Nursing	Good alumni association with regular contact and touch with the passed out students

College of Law & Legal Studies	Meeting with all stake holders is done for farming admission and academic policies. Student's feedback is collected to improve teaching process.
University Polytechnic	Specific committees are to be formulated to implement the changes as well as track the progression
College of Education	Individual- Counseling
College of Physical Education	1. Accessibility of all the faculties during all working hours. Also in case of any emergency or immediate guidance 24 X7 students are free to get any guidance. 2. The institution through its Alumni Association tries to track the progression of students. 3. The mentoring system ensures effective tracking of student's progression.
College of Journalism & Mass Communication	Bridge / extra lectures for better understanding of students.
College of Paramedical Sciences	Alumini committee was constituted in 2017 and the first alumni was organized on 24/3/2018
College of Fine Arts	By Maintain the record of the students who went for master degree in other art colleges in India.
College of Physiotherapy	Specific committees are formulated to implement the changes/ amendments/requirements and track the progression
College of Agriculture Science	Regular feedback has been taken from students regarding teaching & learning & other activities.
College of Architecture	Mentors have a close watch on the students performance overall, for example in classes, in their attendance, examination & results, overall behaviour in campus and their practice after passing out.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (Integrated programs and Diplom.
8332	1207	103	1150

(b) No. of students outside the state

2534

(c) No. of international students

112

Men

No	%
83	74.10

Women

No	%
29	25.89

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
6369	1058	42	2060	3	9529	7779	771	30	2212	86	10792

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Name of College	Particulars
College of Law & Legal Studies	Time to time we call expert from Law fields for career counselling.
College of Agriculture Science	Regular guidance by internal faculty has been given to students Few students have joined coaching classes for various competitive exams like- Banking, CAT & UPSC outside the campus.

No. of students beneficiaries   128

5.5 No. of students qualified in these examinations

NET	2	SET/SLET	0	GATE	3	CAT	0
IAS/IPS etc	0	State PSC	0	UPSC	0	Others	0

5.6 Details of student counselling and career guidance

Name of College	Particulars
Teerthanker Mahaveer Institute of Management & Technology	Time to time CRC department invite expert from industry for career counselling and guest lecturers for guidance.
College of Computing Sciences & Information Technology	During Summer Break the college organises short term courses for career enhancement and skill development of each and every students. Courses like Advance Java, IOT,
College of Nursing	Cap. Sabita Nath interaction with PG students
College of Law & Legal Studies	College conducts short term skill development programmes to enhance the employable skills of the students.
College of Education	Individual counselling
College of Physical Education	The college has established student counselling and career guidance cell and conduct activities under this cell. The college had invited resource persons and organised special sessions for the students to guide them regarding better career options. Final year students of all courses are benefited from the activity.
College of Journalism & Mass Communication	CJMC has Mentor- Mentee concept. Every mentor counsels the students on various aspects like, anxiety, confusion and career guidance.
College of Paramedical Sciences	BMLT internship of III year pass out students at Dr. Lal Path Pathology
College of Physiotherapy	Institution has a placement officer who works in collaboration with the dedicated cell of placement of University
College of Agriculture Science	Students are regularly counselled for career and personal growth by giving exposure to skill based training programmes on Different opportunities in agricultural sector and practical training in Agribusiness Agriclinic Nodal Centre also.

No. of students benefited: 989

No. of student beneficiaries varies from college to college every year. The university has initiated various such initiatives at college level for the students.

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
112	2326	622	109

5.8 Details of gender sensitization programmes

Name of College	Particulars
Dental College & Research Centre	• College premesis displays gender sensitive posters • Women cell conduct various awareness program to promote gender friendly environment, awareness about right of women, awareness program on female foeticide, legal rights. • Celebration of International Women's Day 8th March
Teerthanker Mahaveer Institute of Management & Technology	UWDC & UWC conducts gender sensitization programmes, they also look for women student welfare. Women empowerment cell works for girl students of the college as well as under privileged females of the society.
College of Engineering	• Gender sensitization is taken into account right from admission to equity action plan so as to ensure a balanced ratio between male-female. • Institutional Women Cell is instrumental in dealing with issues if any • The University conducts gender sensitization programs regularly.
College of Law & Legal Studies	UWDC & UWC conducts gender sensitization programmes, they also look for women student welfare. Women empowerment cell works for girl students of the college as well as under privileged females of the society
University Polytechnic	Women Day Celebration
College of Education	Gender Audit, Counselling by teachers on different issues & problems of girl students. Talks & Discussion on different social issues
College of Physical Education	The college is Co-educational institution and all the theory, practical and practice teaching classes are conducted together and special care is taken to avoid any gender bias in the activities conducted in the campus.
College of Physiotherapy	Celebrations on Women s Day
College of Agriculture Science	College committee on Women's Empowerment Cell has been formed with female student members to synchronize various programs with University Women's Empowerment cell.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level [376]   National level [334]   International level [0]

No. of students participated in cultural events

State/ University level [117]   National level [69]   International level [0]

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level [31]   National level [4]   International level [0]

Cultural: State/ University level [34]   National level [2]   International level [0]

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	1281	3,58,76,383.00
Financial support from government	703	15,10,020.00
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs   : State/ University level [3]   National level [0]   International level [0]

Exhibition: State/ University level [5]   National level [0]   International level [0]

5.12 No. of social initiatives undertaken by the students [47]
5.13 Major grievances of students (if any) redressed:

University and respective college have Grievance Redressal Cell, which take care of the grievances addressed by students. Till Date no major grievance have been reported, only minor grievances came into notice, for which redressal was done. Details and documentation pertaining to the Grievance & Redressal System is maintained by the committee itself.

CRITERION – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision
To be internationally recognized as a premier institution of excellence, providing quality education, research and consultancy services to the global society.

Mission
Our endeavour is to impart knowledge and develop critical skills necessary to succeed both 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.

6.2 Does the Institution has a Management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The curriculum design/updating procedure follows the following steps:

Academic Review Committee

↓

Board of Studies

↓

Board of Faculty

↓

Academic Council for final approval

6.3.2 Teaching and Learning

Name of College	Particulars
Medical College & Research Centre	Seminars, Guest lecture, quiz, case based studies, interdepartmental meets, integrated teaching
Dental College & Research Centre	• Feedback on staff, departments, syllabus etc; • Conference / seminar / workshops/ webinars • Scientific forum-Monthly • UG/ PG students- papers/ posters/ table clinic • Live cases demonstration/ dummy • Interdisciplinary Programs

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* | UPUNGN11156

1.4 **NAAC Executive Committee No. & Date:** | EC(SC-18)/A&A/145.1 dated Nov 5, 2016
(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner-bottom of your institution's Accreditation Certificate)

1.5 Website address: | www.tmu.ac.in

Web-link of the AQAR: | http://tmu.ac.in/reports/naac/

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B++	2.83	2016	2021
2	2nd Cycle	-	-	-	-
3	3rd Cycle	-	-	-	-
4	4th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC : DD/MM/YYYY | April, 2013

1.8 AQAR for the year (for example 2010-11) | 2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011*)

   i. AQAR _____ NA _____ (DD/MM/YYYY)
  ii. AQAR _____ NA _____ (DD/MM/YYYY)
 iii. AQAR _____ NA _____ (DD/MM/YYYY)
 iv. AQAR _____ NA _____ (DD/MM/YYYY)

1.10   Institutional Status

University   State ☐   Central ☐   Deemed ☐   Private ☑

Affiliated College   Yes ☐   No ☑

Constituent College   Yes ☑   No ☐

Autonomous College of UGC   Yes ☐   No ☑

Regulatory Agency approved Institution   Yes ☑   No ☐
(e.g. AICTE, BCI, MCI, PCI, NCI)

	- Face book page- https://www.facebook.com/TMDCRC-Tmu - Extra classes - Remedial classes for weak students - Computer Classes - English classes (Bridge course) - Environmental science - UG PG teaching supervision committee
Teerthanker Mahaveer Institute of Management & Technology	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.
College of Computing Sciences & Information Technology	- Staff Development Program(SDP) - Faculty Development Program (FDP) - Workshop/Seminar/Conference - Short Term Courses - NPTEL Certification - CSI Active Branch - Principal Excellency Award - Best Project Award
College of Engineering	- Teaching & Learning Process - Create conducive environment of learning various methods such as student assignments, student Seminars, conferences, workshops, group discussion are a regular feature in addition to chalk and talk classroom lectures. - Knowledge Lab a start-up Incubated at IIT Kharagpur has develop first semester digital content for our Engineering syllabus which is used for reinforce learning. - Regular Industrial Visit for practical exposure. - Lectures from Industrial & Prominent Expert from outside. - Learning by doing (LBD), -Regular Workshops Robotics, IoT, Microcontroller etc. - Providing internship options during semester breaks. - Soft skill development programmes, quiz, elocution, debate. - Extracurricular and cultural programmes to nurture social value and leadership aspects amongst students and appreciate heritage, tradition, culture, and values. - Use of various pedagogical tools utilizing IT and audio/video supplements (MOOC, NPTEL) - Regular assignments for Theory & Laboratory. - Remedial Classes for slow learner

		• Inquiry based learning
		• Experiential methodologies depending on the course and material.
		• Stress on Project based learning.
College of Pharmacy		• The institution, through the sponsoring society, makes every effort to provide unbroken upgraded physical facilities and learning resources in optimum pace with the changing scenario prevailing with pharmaceutical education and research, in general, and the students, in particular, by providing adequate budgetary allocations.
		• The students and parents are attracted and retained in the institution pertaining to availability of duly qualified and experienced faculty, well equipped laboratories, well established library possessing the collection of recent books and journals, in-campus medical & banking facilities, in-door and out-door sports facilities and embarking outswing cultural and co-curricular activities. NRIs/PIOs have shown in-depth inclination towards the organization.
College of Nursing		• Term academic activity progressed & implemented based on master rotation plan, clinical rotation plan, course plan, unit plan & Lecture Plan. The course cum unit plan based on inclusion of innovative learning methodology such as concept map, videos, critical thinking- provoked individual & group assignment & group activities & skill training sessions at lab & at hospital.
		• Recently college has been equipped with Simulation skill lab with various simulators to provide Hands-On –Practice on critical nursing skills. The simulation lab provides an opportunity for the students to have most advanced learning technology.
		• The college of nursing is also inceptor of a authorized International Training Centre (ITC) for the American Heart Association with initiatives aimed at training health care fraternity on Basic Life Support (BLS) & Advanced Cardiovascular life Support (ACLS).
		• Regular feedback obtained from the students to further enhance teaching & learning.
		• International Training Centre (ITC) started certification course in ECG & CPR from July 2018 for students..
		• Training sessions for the faculty are conducted regularly to enhance their teaching skills. College of nursing organized a Training of Trainers on "STUDY SKILLS INCLUDING LIFE SKILLS" in November, 2017.
		• College of nursing conducted a Special session on "Professional Etiquettes for student nurse's" for all program in October, 2017.
		• Training sessions for the newly admitted 1st year students

	of all programmes was conducted as a part of orientation programme regarding "Study Skills Including Life Skills" in August, 2018.
College of Law & Legal Studies	Proper planning is done before the commencement of semester and teaching plan is scheduled according to academic calendar. Each individual faculty prepares a course file which consists of Academic Calendar, copy of Syllabus, Self Time Table, Lecture Plans, Previous test papers, Class test marks, Low performance students list, 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.
University Polytechnic	Regular classes & Coverage of syllabus
College of Education	Feedback of students taken by HR Section of the University.
College of Physical Education	Used PPT in classroom, teaching lessons, coaching lessons, yoga files game/sports files & assignments
College of Journalism & Mass Communication	Teaching learning process has an extensive use of computers. IT skills has been introduced as a part of the curriculum.
College of Paramedical Sciences	Few students opted to pursue compulsory rotator internship from other hospital of repute
College of Fine Arts	College/Department prepared a course file with following teaching, learning
College of Physiotherapy	Student marks for each internal are analysed to keep the tab od student as well as teachers performance.
College of Agriculture Science	To improve teaching & learning, regular interaction of faculty with specialists is carried out. Solicit feedback by the students.
College of Architecture	Modern teaching and learning methods are practiced such as Participatory learning, E- learning, Practical knowledge, guest lecture from experts are organised. Faculties attend FDP's for enhancing their knowledge.

6.3.3 Examination and Evaluation

Details of the evaluation criteria, grading system and the process are part of the Study and Evaluation Scheme of each program. The duly approved scheme and the Academic Regulations for the program are uploaded on the university website and are also made available to the students in the Student Handbook. Any changes after their approval are notified, put on the web site before its implementation.

Through orientation programme, students and faculty members are informed about the rules and regulations including the details of syllabus and evaluation processes. The faculty members and mentors also help students clarify any issues.

The University considers the examination system as evolving keeping in mind the changing trends in teaching and evaluation. Some of the important reforms that have been introduced and have positive impact include:

- Adoption of continuous evaluation and credit based system wherein 40% weightage is given to continuous internal assessment and 60% to end-term evaluation, resulting in improved attendance and performance.

- The mid-term evaluation is of continuous nature and is carried out by internal teachers, whereas in the end-term examination, question paper setting, moderation, evaluation, including practical is done by external examiners from reputed institutions. This has resulted in bringing quality and confidence in the examination system amongst stake holders.

- University has well defined and documented evaluation system which is on the University website.

- Preparation of Manual for the conduct of examinations is an effort in bringing credibility to examination system. The manual defines the roles and responsibilities of all the stakeholders, protocols and procedures to be followed, and steps to be taken at all levels in the conduct of the examinations.

- All the forms/proforma for use in the examination process has been drawn out meticulously in standardized formats.

- Measures to curb malpractices have also been listed together with the penalty and punishment.

- To reduce the burden of back logs and provide opportunity to detained students, special summer classes are conducted.

6.3.4 Research and Development

Name of College	Particulars
Medical College & Research Centre	Undergraduate students are actively being involved in research projects. All post graduates are encouraged to present poster and paper in national and international conferences, along with this they also have to publish at least one research project. It is also ensured that faculty members also participates in research projects and get them published.
Dental College & Research Centre	- College Research committee - College Ethical committee - Continuing Dental Education Committee - Scientific Forum Committee - TMU dental Journal - TMU Dental Showcase News Bulletin - Library inventory: National and international speciality Journals + e-journals +EBSCO host subscription - Encouragement to staff and students to present papers and research work at national and international level
Teerthanker Mahaveer Institute of Management & Technology	- Institute is running its online Journal (tmimtjournal.org). - Institute has its own Newsletter. - Various clubs like HR Club, Marketing Club, Finance Club, Environment Club and Entrepreneurship Club help students develop skills required in corporate world. - Institute organises International conferences, workshops, seminars and faculty Development Programmes time to time.
College of Computing Sciences & Information Technology	- Provision of Academic OD - Access to EBASSCO and DELNET - IEEE Student Chapter Branch - SPOC of NPTEL

College of Engineering	To promote research at colleges and departments, university has well defined research incentive policy to facilitate and award its faculty for excellence. Research and Development is continually promoted through: • Research & Consultancy Cell • Periodical FDPs are organized to encourage in research work. • Faculty members are encouraged and supported to publish papers and also present papers in conferences through incentives like travel reimbursement, funding and awards • Incentives are given for good project proposals. • Incentives are given for paper published in Journals. • On Duty Leave/Academic Leave are provided to faculty members to participate Conference/Seminar/FDP/STP etc. • VC Innovation Fund • Publication in SCI Indexed journals, SCOPUS is emphasized. • Faculty members are encouraged to undergo online certification courses on latest topics. • Fair Policy for industrial consultancy
College of Pharmacy	Research and development activities have been supposed to be the major area of focus in the perception of the institution. Teerthanker Mahaveer College of Pharmacy has enrolled 15 research scholars for Ph.D. programmes divided into all the four core specializations of the discipline and out of which four candidates have been awarded with the degree. Besides, College Research Committee (CRC), the university has established Research Grant Committee also which has allocated substantial budget for research, seminars and scholarships. A research project is mandatory in final year of post-graduate and under graduate programmes. All these carry weightage in terms of cumulative performance index along with precise marks indices. Moreover, there are provisions for minor research projects also.
College of Nursing	• Research in the College has been given a strong thrust since the inception. There has been renewed focus on interdisciplinary research in the College. College constituted research committee to promote, direct, guide & evaluate research activity. • Student research guidance. Department research by individual faculty • Provision of grants to researcher on individual basis by the University • Conduction of Workshops & conferences related to research. • The college of Nursing organising a five day workshop on "Research Methodology & Statistics in June 2018. • The college of Nursing organising a two day National level workshop on "Systematic Review: in November 2017. • The Institute Uses The Turnitin Software To Check Malpractices and Plagiarism In Research.
College of Law & Legal Studies	Institute is running its own Magazine, (Lawyers Ledger).Institute has its own Newsletter. To enhance the research skills of students Research paper presentation competitions are frequently

Name of College	Particulars
	organized by the Institute. Institute also organises International conferences, workshops, seminars and faculty Development Programmes time to time.
University Polytechnic	Final year students projects
College of Education	The faculty members update their knowledge, write Research papers and present them in Seminar/Conferences/Workshops
College of Physical Education	• ARC, CRC & BOS worked at college level, published paper & gives dissertation to students. • The college has constituted a research committee to approve the research proposals prepared by faculty members & Students. The college conducts colloquium for approval of research projects of P.G. students. • Faculty members and students are encouraged to present their research articles in journals and conferences.
College of Journalism & Mass Communication	For the purpose of bringing parity in the evaluation of answers carried out by different faculty, the examiners concerned have been directed to discuss the contents of the synoptic answers in a meeting before they start the evaluation of the answers. The rules, processes, categories of offences and corresponding penalties relating to adoption• of unfair means by students during University examinations were reviewed and subsequently revised to deter the students from adoption of Unfair Means during the University examinations
College of Physiotherapy	Small research projects with final year students and young faculty being promoted.
College of Agriculture Science	To improve R&D students are nurtured to become the next generation of research & innovation leaders by developing structures & programmes that encourage their research aptitude.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Name of College	Particulars
Medical College & Research Centre	Books and journals are regularly being updated, plenty of e books and e-journals are subscribed via clinicalkey.com
Dental College & Research Centre	• Routine audit of Library & Department Stores –annually • Feedback from students on Library, Hostel, Infrastructure • SOPs available • State of art instruments and equipments added annually e.g. Implant etc • Regular Maintenance through full time skilled technicians • Wi-Fi Campus • Ramp for physically challenged persons • Separate washrooms for male and females • Separate common room for Girls • Lift for patients • Wheel chairs, stretcher at reception • Internet facility available in Library : National and international speciality Journals + e-journals +EBSCOHOST subscription • ACs + Refrigerators for all departments

	- Computers at all receptions - Lecture theatre equipped with Projectors, computers. Mikes, speakers etc. - Punch attendance system-Automation Cell - E-governance + ERP soft wares - CCTV security cameras 24 hrs electricity and water - E-rickshaw facility - Ambulance facility for students - Transport facility for students, staff and patients - Mobile Dental Van
Teerthanker Mahaveer Institute of Management & Technology	The basic purpose of our institute is to provide world class education to make the lives of the students bright. To fulfil 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. - Total area of the library (in Sq. Mts.):- 723 sq. mtr. - Total seating capacity:- 175
College of Computing Sciences & Information Technology	- Library Lecture in Time Table - Extension of Library Timing - Availability of Journals 11 Computer Labs with Requisite Software - Use of Class Share (Intranet Based Tool) - ERP Student Login
College of Engineering	- Library created its resources Database and provided Online Public Access Catalogue (OPAC) through which users can be accessed from any of the computer connected in the LAN can know the status of the book. Now we are in process to move from OPAC to KOHA. - Institute Library & Information is subscribing online e-books and e-journals databases (DELNET and EBSCO host E-databases) as per the requirement of the institute and fulfilling AICTE norms. IP based access is given to all computers connected on campus LAN to access e-journals.

	•	For the effective utilisation of resources, Information Literacy training programs are conducted to the staff and students.
	•	Wi-Fi enabled campus
	•	Regular addition of latest books and journals
	•	Well maintained e-library to access e-resources
College of Pharmacy	•	During past years, the institution has spent substantial amounts on establishment and upgrading the physical facilities i.e. construction of buildings with all necessary fixtures & hostels, procurement of instruments, computers & other ICT tools, books, chemicals, glass wares, appointment of capable and potential faculty including non-teaching and supporting staff etc.
	•	Optimum utilization of infrastructural facilities including teaching-learning resources, resource mobilization and utilization of budgetary allocations together with the single window system approach for the entrants have helped the organization to improve quality administration
College of Nursing	•	**Library:** Networking has been installed in the library which facilitates access of information on various types such as online databases, e-journals (724), e- books, digitally through networked systems. Online Access to 7455 research journals through EBSCO-65, DELNET DATABASE-32 & Clinical Key-627. The library is well equipped with latest books in nursing (7436) with 512 new added books this year, general books (7842), reference books (1233), CD's & Videos (393) & regular supply of foreign & Indian journals (9) along with magazines & news papers.
	•	**ICT:** The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes.
	•	The staff and students have access to technology and information retrieval on current and relevant issues. The institution deploys and employs ICTs for a range of activities. In keeping with rapid advancements in technology, and for students to benefit from state-of-the-art equipment, the College has portable/mounted LCD projector in selected classrooms. Additionally, every department has been provided with computer connected with internet.
	•	The IT cell also takes care of the Software Asset Management which has standard policies on purchase and maintenance of the same. Simultaneously, the annual review is also done for the renewal of maintenance or annual contracts. University also has a CISCO Networking Academy and is an active local academy established by

	- CISCO Systems in India. EPABX and Video Surveillance Systems: Configuration of the EPABX software and assigning extension numbers to departments based on the approval policy. - Physical infrastructure/instrumentation: The College of nursing has a very magnificent building with sufficient number of spacious lecture theatres, pertinent offices/staff room & labs (Nursing Foundation, Community Health Nursing, Maternal and Child Health Nursing, Nutrition, Pre-clinical lab, A.V. Aids room to provide opportunities for hands-on training. - Recently college has been equipped with Simulation skill lab with various simulators to provide Hands-On –Practice on critical nursing skills. The simulation lab provides an opportunity for the students to have most advanced learning technology. - Laboratory Manuals are available in each lab. The college have communication lab with internet connectivity helps faculty develop computer assisted study material. - Clinical exposure at 1000 bedded Teerthanker Mahaveer Multi-Super-Speciality Hospital & Research Centre, & in various Super-Speciality Hospitals across the India as well as allied Urban & Rural health centres.
College of Law & Legal Studies	The basic purpose of our institute is to provide world class education to make the lives of the students bright. To fulfil these needs, the institute has: - State-of-the-art infrastructure facilities, - Moot Court, - Technology mediated classrooms, - Qualified faculty and technical staff, - 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. - Total area of the library (in Sq. Mts.):- 723 sq. mtr. - Total seating capacity:- 175 - Working hours (on working days, on holidays, before examination, during examination, during vacation):- 8:45 AM to 5:00 PM (all working days) - Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

University Polytechnic	Dedicated staffs look after same
College of Education	Six Computers with internet access installed for Automation in the Library.
College of Physical Education	Feedback from teacher & students, experts The library committee of the college always try to subscribe relevant journals and purchase new and latest editions of books to enrich its collections and upgrade it for the users. Library management system with OPAC facility is implemented to provide easy access to its users. The management trust of the college has a special section for infrastructure maintenance.
College of Paramedical Sciences	• Well stocked library. • ICT enabled class rooms and seminar hall.
College of Fine Arts	Library with 251 books. The University is adequately equipped with computer systems. Each college
College of Physiotherapy	The dedicated staff oversees the quality and maintenance as well as any further requirements.
College of Agriculture Science	Institute is continuously equipping & re-designing library (ICT enabled) with computer lab well equipped laboratories to attain the fast pace of emerging technologies.
College of Architecture	Relevant books with different titles are introduced. E- Journals are also available for students. New Journals and magazines related to architecture and different architect works are also incorporated.

6.3.6 Human Resource Management

Teerthanker Mahaveer University is committed to supporting every employee to unfold their true potential and achieve their personal goals, which in turn will assist the organisation to achieve its objectives. The University has a well structured HR department which ensures formulation and implementation of well defined HR policies for hiring, managing and retaining the quality manpower. The objective is to ensure that the best suited candidates who possess the required educational qualifications, experience, skills and knowledge to perform the job effectively occupy all positions in the Teerthanker Mahaveer University. Variety of programs such as orientation, refresher, skill development are organised at regular intervals to enhance the capability of the manpower. Performance evaluations for regular staff members are conducted annually. Students' feedback about the faculty forms an integral part of the faculty performance evaluation. Employees are provided benefits like different kind of leave, medical benefits, research grants, accommodation facilities and financial incentives to attend national and international conferences. University ensures treating all its employees in a professional, non-discriminatory manner and providing safe and effective working conditions. University standards and expectations in all aspects of employment including performance, valuing diversity, and assuring equal opportunity etc are communicated clearly to all the employees.

Type of Institution	Co-education	☑	Men	☐	Women	☐
	Urban	☑	Rural	☐	Tribal	☐
Financial Status	Grant-in-aid	☐	UGC 2(f)	☐	UGC 12B	☐
	Grant-in-aid + Self Financing	☐	Totally Self-financing		☑	

1.11 Type of Faculty/Programme

Arts	☑	Science	☑	Commerce	☑	Law	☑	PEI (Phys Edu)	☑
TEI (Edu)	☑	Engineering	☑	Health Science	☑	Management	☑		

Others (Specify) | Mass Communication, Architecture and Agriculture |

1.12 Name of the Affiliating University (*for the Colleges*)

| **No** |

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University | X | X

University with Potential for Excellence	X	UGC-CPE	X
DST Star Scheme	X	UGC-CE	X
UGC-Special Assistance Programme	X	DST-FIST	X
UGC-Innovative PG programmes	X	Any other (*Specify*)	X
UGC-COP Programmes	X		

2. IQAC Composition and Activities

2.1 No. of Teachers	8
2.2 No. of Administrative/Technical staff	2
2.3 No. of students	2

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is governed by the University recruitment and selection policy. Manpower planning and budgeting for faculty and staff is driven by the statutory guidelines (UGC and the respective councils). The Academic Council / Executive Council approve the manpower plan for each year. All standard recruitment activities are done within the approved manpower plan. The TMU adopts fair and consistent methods of recruitment and selection so as to select the most suitable candidate meeting the requirements of the job. All employment opportunities at the University are advertised in the newspaper/s and posted on the University's website. Occasionally, they are posted on employment websites or with an employment agency. Applicants are invited to submit their applications to the HR department. At the closing date, all applications are screened and the candidates selected for interview are contacted. Interviews are held by a panel, appointed by the Vice Chancellor. In addition to interviews, as found appropriate, a range of other selection techniques are being used. All appointments are made strictly on merit and related to the requirements of the job.

6.3.8 Industry Interaction / Collaboration

Name of College	Particulars
Dental College & Research Centre	College working to establish collaboration with various hospitals, companies and industries
College of Computing Sciences & Information Technology	- IBM - i-Nurture - CISCO - Google - QAI
College of Engineering	- With constant encouragement by the management, the departments constantly strive to enter into MoUs with the industries to provide real life exposure and learning. - Industry experts are invited to give seminars on the advanced technology. Interaction with industry helps to provide industrial visits, arranging training programmes to students. Interaction with industry is providing opportunities for consultancy works and research. - The college has also linkages and memberships with National Knowledge Network (NKN), Indian Society for Technical Education (ISTE), Indian Concrete Institute (ICI), and Institution of Electronics & Telecommunication Engineers (IETE). - The college has MoU's with Oracle India Pvt. Ltd, IL&FS Skills Development Corporation Ltd, Construction Industry Development Council (CIDC), i-Nurture Education Solutions Pvt. Ltd., Siemens Ltd, CADD Centre, Telecom sector skill council (TSSC), Udyam, Prolific System & Technology Pvt. Ltd and TapovON learning Pvt. Ltd. (On Skills).

College of Pharmacy	Teerthanker Mahaveer College of Pharmacy always aims at generating competent and skilled manpower motivated adequately towards fulfilment of industrial and corporate expectations from its stakeholders. It frequently organises industry-academia meet at various places of importance to establish and strengthen the linkages with pharmaceutical companies and promotes research activities to meet out the industrial and corporate challenges arising in the concurrent arena of pharmacy profession.
College of Nursing	- Collaboration with of National importance- hospital such as Fortis Hospital & Research Centre (FHRC) New Delhi and Jupiter Hospital Mumbai for Campus selection opportunity to outgoing students. - MOU's with the Columbia Asia Hospital Ghaziabad have been established. - Institute signed MOU's with GARG hospital, Delhi and IF&FS education and technologies limited. - The college has also signed a MOU's with UKIERI (virtual learning) Edinburg Napier University, Edinburg. - Job opportunity in the Parent College and hospital is available. - The college of nursing is also inceptor of an authorized International Training Centre (ITC) for the American Heart Association (AHA) with initiatives aimed at training health care fraternity on Basic Life Support (BLS) & Advanced Cardiovascular life Support (ACLS). - Faculty and students have opportunity to interact and collaborate with other institution and hospital during national and international conferences / seminars / workshops.
University Polytechnic	Placement officer works for Industry Interaction/ Collaboration
College of Physical Education	From the professional exposure of our students we interact with different schools, colleges & sports associations and send them for teaching/officiating as for their professional growth.
College of Physiotherapy	The placement officer dedicatedly works for placement, industry interactions and collaborations.
College of Agriculture Science	To faster industry interaction or collaboration institute linked up with various experts & called them for guest lecturers also & to collaborate linkages are driving up.
College of Architecture	Various industrial visits are organised for students to give them exposure. Experts from the industries are called to share technical knowledge, their latest products and market knowledge through seminars and workshops.

6.3.9 Admission of Students

Name of College	Particulars
Medical College & Research Centre	Admission is conducted via centralised counselling based on the rank obtained in common entrance test.
Dental College & Research Centre	• Admission information circulated through newspaper and TV ads • Registration of interested candidates done through forms • National level admission exam conducted • From 2016- admission through NEET examination
Teerthanker Mahaveer Institute of Management & Technology	The university observes a keen insight on marketing for admissions incurring huge expenditure.
College of Computing Sciences & Information Technology	As per University Admission Procedure (Based upon merit in qualifying Exam)
College of Engineering	• The admission process which ensures transparency has been put in place and published and circulated widely. • The eligibility criteria, admission process, tuition fee and other charges, as approved by the university's statutory bodies are explicitly shown in the admission brochure every year. • Online registration of interest in university programs is web enabled with full information available. • Student get the financial support (Scholarship) according to admission policy based on merit and results in qualifying exams. • Apart from this being a Jain minority institution special scholarship in tuition and hostel fee is available for Jain students
College of Pharmacy	Minimum Eligibility criteria for students to get admission in UG and PG courses are 10+2 passed out. Selected students have got admission after passing the written test and interview
College of Nursing	• The college ensures wide publicity for admissions through advertisements in Local, National and Regional newspapers and through repeated announcements, Website of the college, prospectus and display on the college notice board. • All relevant information relating to admission to different programs are displayed on the university website well in advance of the commencement of admission process. • The prospectus that highlights the details of various programmes of the College is prepared every year prior to the commencement of admissions. The prospectus also gives details of details of the university, eligibility infrastructural facilities, programs offered, and norms for admission

	• The university information centres are established during admission time in important cities to disseminate admission related information and attract meritorious students. • The college has a entrance examination for admission to all the courses. The University offers scholarship to the outstanding students in the form of concession during admission.
College of Law & Legal Studies	The university observes a keen insight on marketing for admissions incurring huge expenditure of approximately 9 cr. rupees per annum.
University Polytechnic	It is a collaborative effort in between University admission cell and college admission cell.
College of Education	Wide publicity through newspaper. Entrance test conducted by Admission Cell. Admission on Merit basis
College of Physical Education	Centralized University Admission cell
College of Physiotherapy	The university admission cell and department representative work together for admissions
College of Agriculture Science	To progress admissions & to retain quality students, infrastructure is done by institute. Scholarships & fee exemption were given at the time of admission to meritorious students.
College of Architecture	Students who qualifies National level, state level & university level exams like NATA, JEE/AIEEE, UPTU are admitted in the programme.

6.4 Welfare schemes for

Teaching	• Concession on medical bills, Campus accommodation Resident welfare club. • Accommodation, Relaxation in Medical treatment • University Hospital Facility (20% Discount) • Accommodation • Study Leaves • Maternity Leaves • Medical Aid Services & Research Incentives • Maternity leave, Residential facility, 20% relaxation on all clinical investigations • University is offering a good remuneration to its faculty based on qualification and experience, increment is given to the faculty who have completed a year. • All staff are entitled for 12 days of Casual leave, 10 days Medical leave & 10 days academic leaves to those attending academic events outside the university along with winter vacation and summer vacation also be given to whom have completed a year. • % waive off on total bill either on students him/herself or family members
Non-teaching	• Concession on medical bills • Relaxation in Medical treatment • University Hospital Facility (20% Discount) • Provident Fund (PF) • Medical Aid Services and ESI

	• Skill development programmes, Earn leaves, 20% relaxation on all clinical investigations • Well furnished accommodation for teaching faculty, uninterrupted water and power supply, 20% discount for medical services at Teerthanker Mahaveer hospital, Maternity leave (t & c applicable) &other facilities like grocery shop, net shop, beauty parlor, gymnastic centre, school bus, parking areas, food corners, coffee shop, milk shop, temple which resembles just like a small town inside the campus at reach. Security provisions are there for the faculty and for their belongings. • Refreshments during working hours for teaching & administrative staff. • PF and ESIC scheme
Students	• Hostel accommodation • Library and reading room • Canteen • Transportation facility for outside resident students • Dental Check up, Eye checkups, Medical examination. • University Scholarship • Medical Insurance • Government Scholarships, Medical Aid Services & Students' Fees Concession • Bus facility, free Medical facility • Assistance to students for obtaining educational loan from bank is provided by the college in various national banks, loan letters with details of fees structure provided to bank as well as supportive documents. • Health Care facilities also provided to the students with 20% discount at Teerthanker Mahaveer Hospital and Research Centre Moradabad. • Scholarship of old registration for renewal of 179 students received from govt. in 2016-17. • State Level & National SNA cultural and Sports competition (expenditure born by college SNA Committee). • Cultural & Sports competitions organized by Teerthanker Mahaveer University. • Help in students' counselling. • The Career Guidance provides training for students to enhance their employability, in addition to providing information on job availability. It fosters partnerships and linkages with the corporate sector for placement and training opportunities. • Medical Insurance and % waiveoff on total bill either on students him/herself or family members

6.5 Total corpus fund generated   10 Crores

6.6 Whether annual financial audit has been done   Yes ☑ No ☐

The University has been conducting internal audits while the External audit is planned during the month of March 2019.

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Dean (Academics)
Administrative	No	-	Yes	Dean (Academics)

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes ☑   No ☐

For PG Programmes   Yes ☑   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Name of College	Particulars
Teerthanker Mahaveer Institute of Management & Technology	• Scrutiny of the answer books (re totalling and to see if any part of the answer book has not been left for checking) before declaring the result. • After result declaration student can apply for scrutiny of papers within seven days from the date of declaration of result. • After declaration of result an internal audit of the result is made and if any discrepancy is observed that is removed with the approval of Vice-Chancellor
College of Computing Sciences & Information Technology	• Special Exam for Final Year Student of Various Programs • Special classes for weaker section of the students.
College of Engineering	• The framework for the examination system has been adopted through a series of initial discussions with eminent experts involved in this process. • The broad framework consists of continuous evaluation, right mix of internal and external evaluation, assessment of learning based on assignments, seminars, presentations, projects, industrial training viva voce and general proficiency. • To benchmark the examination system with international standards it is credit based, with options of transfer of credit(s), flexibility in credit earnings for obtaining the minimum required credits for a degree. • The examination review committee at the university level

	meets regularly to discuss the matters related to examination, new practices or reforms to be introduced and also to examine the results of the various courses
College of Pharmacy	• The institution is set as out institute examination centre for smooth conduction of examination. From the session 2017-18, internal assessment weightage is 25% and 75% as external assessment weightage.
College of Law & Legal Studies	The following examination reforms are initiated: • Evaluation pattern has been changed from the ratio 70:30 to 60:40 (semester examination: internal assessment) and introduced in the session 2016-2017. • Scrutiny of the answer books (re totalling and to see if any part of the answer book has not been left for checking) before declaring the result. • After result declaration student can apply for scrutiny of papers within seven days from the date of declaration of result. • After declaration of result an internal audit of the result is made and if any discrepancy is observed that is removed with the approval of Vice-Chancellor.
University Polytechnic	External Examiners are appointed to prepare the question paper and check the answer sheet and also appoint examiner to examine student
College of Physical Education	• Department is timely manage all internal and end semester examination, their schedule, time-table and evaluation process. • The college is following Centralised Valuation system for evaluation. • The evaluation work starts from the first day of commencement of the examination and results declared from main examination department
College of Fine Arts	University conducted special Exam Last semester.
College of Physiotherapy	Externals are deputed to prepare question paper, to check the answer sheets and to examine the students in practicals so as to avoid any biasness.
College of Agriculture Science	For evaluating cognitive abilities semester system has been adopted in which formative assessment has been done internally as well as externally various evaluation methods are also adapted to measure qualities ability. Re-appear exams & special exams are also conducted to provide second chance to students.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Name of College	Particulars
Teerthanker Mahaveer Institute of Management & Technology	The curriculum is designed in such a way that inter disciplinary issues are given proper space.
College of Computing Sciences & Information Technology	• Academic leadership is provided to the faculty by setting up an example by the top management. • The top management firmly believes in "Learning 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. • Assistance is given by the institution for higher education & upgrading the skills.
College of Engineering	• Promoting freedom in autonomous college by value enhancement, skill based and industrial connected course for increased employability. • Providing more options for elective courses & open electives. • Bringing in a change by introducing Curriculum as per Industry demand.
College of Pharmacy	• Separate admission authority vested with principal of institution incompliance with University policy. • Concerned institution is delegated with the power to conduct inspections of statutory councils. • Head of the institution have been vested with withdrawing and dispersal power. • Head of the institution have the power to Conduct Training and Placement activity and organise industrial tour and visits.
College of Law & Legal Studies	The curriculum is designed in such a way that inter disciplinary issues are to be discussed and changes in curriculum as per the society.
College of Physiotherapy	The Head of the Institution can take the decisions for its Institution as per the ordinance of the
College of Architecture	Alumni association has been formed and they are invited to attend the annual fest Sanskarch.

6.11 Activities and support from the Alumni Association

Teerthanker Mahaveer University has a registered Alumni Association at the university level. Information regarding alumni of various programs of the university is maintained at the college level and also, submitted to the Alumni Association. Alumni are invited to attend various events; viz., convocation, conferences, seminars, cultural programs etc. Regular alumni meets are conducted by the respective constituent colleges and at the university level as well. Alumni are invited regularly to interact with the current students and share their experiences. Feedback

obtained from Alumni helps in strengthening the overall University academics.

6.12 Activities and support from the Parent – Teacher Association

Name of College	Particulars
Dental College & Research Centre	- Parents Teacher Association present - Parents teacher meeting conducted regularly - Feedback from parents - Mentors parents interaction : one on one, when required through phone, post etc
Teerthanker Mahaveer Institute of Management & Technology	Parent- Teacher meet is organised every semester. Feedback is received by the parents on teaching and learning.
College of Computing Sciences & Information Technology	- Mentorship Program - Student Counselling
College of Engineering	- Head of the Institution, HOD's 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.
College of Pharmacy	Parents are regularly contacted by the mentors and they are informed about the performance of their wards.
College of Nursing	- Teacher Guardian i.e. class Coordinator- communicate with the parents regularly. - Class test (CT's) marks and attendance is sent to parents. - Mentors keeps all the record of the students such as attendance, act of any indiscipline, academic performance, special achievements, interaction details etc. Mentor also has discussion with student's parents. All this helps in developing emotional bondage with the students thus enhancing their learning.
College of Law & Legal Studies	Parent- Teacher meet is organised every semester. Feedback is taken from the parents on teaching and learning areas.
University Polytechnic	Mentor File signed by Parents.
College of Education	In any problem related to student parents can directly contact with mentor & principal
College of Physical Education	The college has formed Parent –Teacher Association and seeking feedback from them regarding the functioning of the college and about their expectations from the college. The Parent Teacher meetings organised regularly.
College of Fine Arts	well connected with the alumni of the parent institution TMIMT
College of Architecture	- Interaction through E-mails and phone calls - Occasional meeting as required

6.13 Development programmes for support staff

Name of College	Particulars
Medical College & Research Centre	Regular training workshops and seminars
Dental College & Research Centre	• By organizing seminars, events, and inviting guest lectures to enhance their clinical and practical knowledge. • University provides many welfare schemes to its staff like free internet, free accommodation, facilities like indoor stadium, gymnasium, transportation etc • Appraisal methods used by the College are according to UGC recommendations.
Teerthanker Mahaveer Institute of Management & Technology	Staff Development programme is conducted at least once in a year.
College of Computing Sciences & Information Technology	• Computer Literacy Training • Session on General Topics like Energy Conservation, Time Management, Stress Management etc.
College of Engineering	Training/Workshop/Seminars/FDP are conducted on IT & ERP usages.
College of Pharmacy	• Skill development programmes i.e. computer training are conducted for supporting staff. • Instrumental handling programmes are being organised to equip the faculty.
College of Nursing	Periodic meetings to enable them to cope with the changing developments.
College of Law & Legal Studies	Staff Development programme is conducted at least once in a year.
University Polytechnic	Regular Workshop conduct the University.
College of Education	Centralised Training Program organized by the University.
College of Physical Education	The University had organized a staff training programme so that 'Use of ICT in office administration' can be done.
College of Fine Arts	Equal importance is given for the capacity building of non teaching staff. Orientation and training programs are periodically conducted to cover wide range of issues such as Vision and Mission of the university, its structure, ordinances, policies, challenges, opportunities etc., besides specific skill enhancing programs like computing skills, drafting, communication, etiquette etc. for better understanding of university working and efficient performance of assigned task. On NAAC-SSR-Vol.-1: Teerthanker Mahaveer University Page 174 need basis, staff is deputed to attend specific training programs organized by government and other organizations.

2.4 No. of Management representatives | 1

2.5 No. of Alumni | 2

2. 6 No. of any other stakeholder and community representatives | 2

2.7 No. of Employers/ Industrialists | 2

2.8 No. of other External Experts | 2

2.9 Total No. of members | 21

2.10 No. of IQAC meetings held | 2

2.11 No. of meetings with various stakeholders: No. [ ] Faculty | 2

Non-Teaching Staff Students | 1 Alumni | 1 Others [ ]

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [✓]

If yes, mention the amount [ ]

2.13 Seminars and Conferences (only quality related)
   (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | 0 | International | 0 | National | 0 | State | 0 | Institution Level | 2

(ii) Themes

1. Importance of quality improvement
2. Quality parameters in teaching

2.14 Significant Activities and contributions made by IQAC

Regular workshops are conducted to sensitise the stakeholders to help improve academic quality across the University.

Name of College	Particulars
	Two set of training programs with following structure have been conducted for the non-teaching staff.
College of Physiotherapy	Regular workshops and training sessions conducted by university.
College of Architecture	Staff members are motivated to attend various programmes conducted at University level and State level.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Name of College	Particulars
Medical College & Research Centre	Rain water harvesting, solar street lighting, e rickshaw for intra campus commutation, plantation
Dental College & Research Centre	• Environmental science subject for 1st BDS students • Energy conservation drive: stickers and posters placed in the college building, awareness programs for students • Sapling plantation drive by students • Cleanliness drive • Strict Protocol for Bio-medical Waste Management • Cleanliness committee for monitoring
Teerthanker Mahaveer Institute of Management & Technology	Environment club conducts various activities which help the campus eco- friendly.
College of Computing Sciences & Information Technology	• ERP (Paper Less Working) • Awareness campaign by College NSS Unit for • Plantation • Energy Saving
College of Engineering	Some of the initiatives taken by the institution to make the campus eco-friendly are: • Plantation • Rain water harvesting wells • Save energy campaigns • Save water campaigns (WWF-Ram Ganga Mitras) • Swachh Bharat programmes • Generation and use of solar energy • Use of LED lights for power saving • Green Design of building. • In a process of installation of solar power plant. (Already solar street lights installed)
College of Pharmacy	• Tree Plantation • Barrier to the movement of diesel and Petrol engines. • Regular audit of energy conservation (energy audit), green audit and installed STP.
College of Nursing	• The College, on a regular basis, makes a thorough environmental assessment of the campus and implements healthy ecological practices in water and energy conservation and waste management.

	- Reduction in paper usage, paper less communication among staff members, re-using other side of used paper. - The college of nursing conducts plantation campaigns from time to time to keep campus green and increase the cove. Students of college of nursing undertook a cleanliness drive on 1st September 2017 with a spate of activities in accordance to the nation-wide Swachh Bharat Cleanliness Campaign. - The college of nursing follows an energy conservation code to reduce electricity usage. The class rooms, laboratories, hostels etc. are constructed with adequate light & ventilation, to allow the availability of natural light and reducing the electricity consumption. The college of nursing is a polythene free campus. In order to conserve energy, a sensitization drive on the nursing college was undertaken by students and staffs to switch off lights, fans, air conditioners etc. - Solar system is operational in some of the buildings such as boys' hostel, guest house. Major street lights on the campus are fitted with solar panels. The college of nursing is planning to install more solar electric systems. - As a first step in the direction of rain water harvesting, interlocking tiles have been used in laying the pathways within the campus that allows seepage of water into the ground, thus, recharging the underground water table. The University has rain water harvesting system in the campus. - The college of nursing has arranged dustbins at appropriate places to collect the waste under different categories. Safe and scientific biomedical waste disposal system is also in place. The Hospital has biomedical Waste Management Committee that ensures hazardous waste management through M/s Semb Ramky Environmental Management Pvt. Ltd., an authorized company by Utter Pradesh Pollution Control Board (vide Letter No. T00610/C-I/BMW/G/5 Dated- 15/11/2006). Standard waste disposal protocols are in place and followed. - The existing RO plants supply potable water for the entire college
College of Law & Legal Studies	- Plantation in campus - Awareness programmes among students
University Polytechnic	Clean Campus, Green Campus plantation and various activities
College of Education	Tree plantation in the campus. Energy Saving Campaign Waste Material management for useful products.
College of Physical Education	- LER Replacement - College of Physical education had planted many trees around the play fields and now planning minor changes in habits of students, for examples, buying organic food, clothing and

	personal care items.
College of Fine Arts	The campus has enough trees and plants and more are being planted in future as per the campus plantation plan. Every year environment day is celebrated and various activities such as tree plantation, awareness drive, cleanliness drive are carried out on the occasion.
College of Physiotherapy	• Cleanliness Drive • Plantation
College of Agriculture Science	To make campus eco-friendly institute has played major role by planting trees & generating awareness on how to save paper.
College of Architecture	Following are the initiatives taken by the college: • Re-use of paper • Tree Plantation • Sensitization drive was conducted to switch off lights, fans and A.C.'s whenever they are not required.

CRITERION – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Name of College	Particulars
Medical College & Research Centre	Preclinical scientific foundation classes related to medicine (Molecular diagnostics, Brain and Behaviour, Foundations and Mechanisms of Disease and treatment).
Dental College & Research Centre	• A multi-media based teaching methodology is employed by the college, including the use of power-point presentations, images, photos, videos, live demonstrations etc. that enhance the learning experience of the students. • The departments are equipped with state-of-the-art equipment, instruments and materials. • The departments are equipped with multiple LAN ports and computers that enable internet access to an open digital library system with a vast amount of academic literature and other educational websites. • Intra-oral camera is used in several departments for patient education and motivation as well as recording purposes.
Teerthanker Mahaveer Institute of Management & Technology	• English Communication course has been made in such a way that it ensures effectiveness of Communication of students. • Participation of students in writing research papers to be presented in conferences. • Students participated in Udyamita where they presented innovative business models.
College of Computing Sciences & Information Technology	• ERP based Integrated University Management System & Biometric information portal which is managed by in-house IT team • Implementation of outcome based approach to Teaching & Learning. Thus is helping faculty in self-reflection and review this bringing defined learning outcome into focus. • Mentor-Mentee concept implemented to guide students and have complete information about them.
College of Engineering	• Skill Development /Training Programmes for students like Solar, MAT-LAB, computer aided design & drafting, simulation and analysis software tools for engineering implemented in a big way also partially taught by industrial experts. • Incorporate MOOC Programs as part of syllabus. • Soft skills and functional English introduced to enhance student's skills for higher placements. CRT (Campus recruitment training) conducted to focus on placement.

	• Continuous evaluation of students taking into account attendance, assignment and also midterm review. • MoU signed with industry & training partners for effective Placement
College of Pharmacy	• Value added Education • Improving community participation • Innovative teachers assignment methods • Personality grooming
College of Nursing	• Simulation lab. • ITC • Narrative review presentation • Problem solving approach • Professional etiquettes • Question bank for all subjects • Staff development program • In- Service education • Training of trainers(TOT) program on study skills and living skills of teachers
College of Law & Legal Studies	• Participation of students in writing research papers to be presented in conferences. • Advanced students help the slow learners in their studies by giving them classes in the form of workshops.
College of Education	Educational Talks- Develop Public Speaking Skill and Confidence.
College of Physical Education	The college has been made tobacco free through initiatives of faculty members which definitely created a positive impact on the students.
College of Paramedical Sciences	• On daily basis a feedback is obtained by the students directly under supervision of the principle through tele-communication. • Monthly interaction of the principle with a student representative group of each batch of respective department. • Bi monthly meeting with the faculty to assess academic progression
College of Agriculture Science	Being Agriculture college major innovative project has been taken by students & successfully implemented on "Organic Farming" & delivering organic products to people.
College of Architecture	• ERP based integrated university management system • Implementation of outcomes base approach to teaching & learning • Assessment of Programme out come • Quality Management system • Mentoring

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Name of College	Particulars
College of Engineering	- IQAC has developed quality indices to monitor and improve attendance, results, placement, classroom and lab quality etc. - The Curricula / Syllabi of courses are oriented to ensure program outcome - Training programs are conducted for faculty members for enhancing Pedagogical approaches - Departments have imbibed quality research culture - Active learning methods are implemented - The curricula is revised and improved towards a learner centric approach. - Faculty are encouraged to submit project proposals - MoU signed with industry & training partners
College of Pharmacy	- Value added Education (i) Students have been exposed to the minutes of herbal and synthetic researches. (ii) 2D and 3D approaches have been employed to ensure the maximized pharmacological potential of synthetic as well as natural entities. (iii) Majority of the titrimetric analysis have been transformed in to spectro-photometric methods. - Improving community participation (i) Various outreach programs have been organized which involved the students in attracting community participation. (ii) Orphanaged children, geriatrics, mentally disabled patients are counselled and provided with prompt health services of different kinds and natures. (iii) Students are set-to understand social and moral issues pertaining to their concerns with non institutionalized patients belonging to varied socio economic conditions. (iv) Students are motivated to participate in various public appraisal programs i. e. community survey related to socio economic impacts on the people of rural areas. (v) Health problems prevailing with them. (vi) Arranging for free diabetic and hypertensive check ups, blood donation camps etc. - Innovative teachers assignment methods (i) Teaching faculties are motivated for industrial/ hospital training programs. (ii) Clinical assignments and other competency based programs imparting practical skills and experiences.

	(iii) The students mass is divided into groups assigned with one teacher preceptor who guides, monitors, supervises and collects periodic feedback from the students.
	(iv) Clinical assignments equip the participants problem based learning, symptom analysis, concept mapping and pictorial learning leading to peer and critical clinical judgment skills.
	• Personality grooming
	(i) It is attributed by the organization of various seminars, conferences, symposia etc.
	(ii) Introduction of communication skills in terms of professional English in the academic curriculum has helped the students in personality development.
College of Education	Celebration of Days • Hindi Diwas 14-09-2017 • Matra Bhasha Divas 21.02.2018 • Clean India 01-09-2017 Tour : 1. Educational Tour 24.02.2018
College of Physical Education	IQAC has developed quality indices to monitor and improve attendance, results, placement, classroom and lab quality etc. The Curricula/Syllabi of courses are oriented to ensure program outcomes
College of Agriculture Science	According to the plan of action, regarding infrastructure, student role & participation various committees like women empowerment cell, sports committee, cultural committee, environment committee has been set-up & activities are taken up.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

Name of College	Particulars
Medical College & Research Centre	• Mentor Mentee programme for regular feed back and solve their problems relate to academics as well as personal. • Evidence based medical education teaching and learning practices
Dental College & Research Centre	• Mentor-Mentee Program • ERP Enterprise Resource Planning
Teerthanker Mahaveer Institute of Management & Technology	• Mentor mentee concept • ERP system
College of Computing Sciences & Information Technology	• ERP based integrated university management system: The main objective of this ERP is to provide an easy automation of University academic and administrative processes and functions, reducing paper work and improving information dissemination. • Mentor-mentee program: This practice helps in enhancing

	all round performance of student related to their attendance, examination, discipline, participation in culturalevents, seminars, group discussions, celebration of special day, speeches etc.
College of Engineering	• ERP based Integrated University Management system-Campus Connect. The Integrated University Management System is in process to provide an easy automation of University academic and administrative processes and functions, reducing paper work and improving information dissemination. • Mentor-Mentee Program- (i) To provide positive role models. (ii) To provide a framework for positive interaction between the students, mentors and staff (iii) To orient students to the University/college culture, together with the program requirements. (iv) To enable students to understand the challenges and opportunities of academic success. (v) To provide a sense of belongingness. (vi) To develop a stronger sense of the academic learning community. (vii) To counter any initial feelings of isolation and/or anxiety.
College of Pharmacy	• Mentor mentee concept (i) All mentors assigned to each group of students looks after all sorts of problems prevailing with them. (ii) It has laid to grand success in uplifting individual academic and non academic status. (iii) The percentage of success has reflected in their results. (iv) They are made ready to face various challenges in the path of progress. • Industrial orientation of academia (i) Organization of various training, placement activities and industrial/ hospital tour and visits. (ii) Assessment of organizational expectation and equipping the students in compliance to them. (iii) Organizing seminar, workshops, guest lectures and a chain of industrial academia meet are frequent practices. (iv) Suggestion from industrial/ hospital personnel's, discussions in academic review committee, board of studies and board of faculty etc put forward inputs in policy planning and implementation. (v) All above have been found successful in strengthening the campus selection and hopefully establishing bench marks for remarkable employability.

	• Implementation of e-LMS
	(i) It has served essential tool for bringing the students towards the global acquaintance in the field of pharmaceuticals and medicines.
	(ii) In day to day teaching learning processes, they are exposed to at home studies.
	(iii) Teachers upload their lectures, class notes, questions as well as queried answers which can be easily accessible to the students who unfortunately has missed the classes.
College of Nursing	• Mentor – Mentee records • ERP
College of Law & Legal Studies	• Mentor – Mentee • ERP System
University Polytechnic	• Mentorship • Internship Program
College of Education	• Campus- Connect • Mentor-Mentee program
College of Physical Education	• Mentee-Mentor records • Students undertakings
College of Fine Arts	• ERP • Mentor-Mentee Programme
College of Physiotherapy	• Mentorship • Internship programme
College of Architecture	• Mentor Mentee Programme • ERP Based intergraded University Management system

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

Name of College	Particulars
Dental College & Research Centre	• Sapling Plantation Drive every year • Regular Cleanliness Drives • Energy Conservation Program
Teerthanker Mahaveer Institute of Management & Technology	Environment club conducts different activities.
College of Computing Sciences & Information Technology	• College will conduct green audit in future. For this University has framed green policy and formulated an internal committee that regularly audits university campus for its energy consumption/ conservation, proposal and implementation. • College of computing Sciences & Information Technology has formulated GO GREEN Club based on Environment related activity. The aim of this club is to create awareness of clean and green consciousness

College of Engineering	• The collage has adopted maximised use of email for reduction paper usages. • All circulars and notices are e-mailed to the concerned to reduce the use of papers. • NSS activities like tree plantation, water conservation, etc. • The University maintains clean campus by adopting "Swachha Bharat Abhiyaan" movement by devoting 2 hrs per week. • Waste disposal in the campus in a scientific way. • Department lectures on environment Day. • Regular participation in Swachha Bharat Abhiyaan. • Celebration of World environmental day and other important days • Campus has banned the use of tobacco and tobacco products to be eco-friendly. • University has provided battery operated vehicles to move around in the campus.
College of Pharmacy	• Plantation campaign as the frequent event in the campus. • All stake holders practicing the use of dustbins installed at different places throughout the campus.\ • On foot movements and cycle riding have been facilitated by students community. • A huge parking facility made available at the entry of the campus. • Movements of two wheelers and four wheelers have been practically banned.\ • Solar lights have been installed in the campus which attenuates direct exposure to harmful radiations. • Proper facility has been provided for waste disposal of different kinds and natures. • Water harvesting and STP facilities provided in the campus.
College of Nursing	• Swachh Bharat Abhiyaan conducted 4 programs in community level. • Paperless transaction by using email and whatsapp messages • Plastic free campus
College of Law & Legal Studies	Law students made people aware about environmental hazards through various camps
University Polytechnic	Plantation and cleanness drive.
College of Education	Energy Conservation awareness compaign. Tree Plantation on World Environment Day
College of Physical Education	• Organization of rally to create awareness about environment. • Tree plantation is done to protect the environment. • Organization of lectures on environmental protection and hygiene for the students.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. Setting up of incubation centre in the university	1. Under progress
2. Enhance industry linkages	2. Continuous efforts are being made to increase industry linkages for which MoUs have been signed.
3. Updation of syllabus as per the requirement of the industry.	3. Inputs from industry are sought by way of seeking their feedback on syllabus and incorporated it.
4. Organise talks on "Skill India"	4. From time to time the University organized events to apprise the students about skill India.
5. Implement CBCS	5. Expected to be implemented in session 2019-20

Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes ☐   No ☑

Management ☐   Syndicate ☐   Any other body ☐

Provide the details of the action taken

> The report will be placed in the next meeting when held.

Name of College	Particulars
College of Fine Arts	• Plantation • Organised poster competition for public awareness
College of Physiotherapy	• Plantation on World Physiotherapy Day • Cleanliness drive
College of Agriculture Science	More than 80 students have joined NSS & various environmental awareness activities are being taken up.
College of Architecture	• Tree plantation • Promoting paperless work

7.5 Whether environmental audit was conducted?   Yes ☑   No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Name of College	Particulars
Dental College & Research Centre	**Strengths:** • Experienced teaching faculty with National/ International awards. • Exposure to variety of complex clinical cases of academic interest. • Well-equipped departments with state-of-the-art equipment. • Research projects- Minor and Major projects by Post graduate students and Faculty. • Several publications in National/International journals. **Weaknesses:** • Condition of equipment • Lack of well-trained assistant staff • Lack of external funded projects • Limitations imposed by statutory council on academic flexibility • Limited collaborative projects with industry **Opportunities:** • Improve oral hygiene of the community • Educate on the perils of habits such smoking and alcoholism • Emphasize the impact of oral health on systemic diseases such as diabetes, cardiovascular diseases • To participate in conferences, workshops etc, • Increase alumni involvement in departmental activities. **Threats:** • Possible reduction in funding in future. • Falling rate of admission in post-graduate program. • Growing competition from other higher education institutions. • Risk of losing faculty and staff for better opportunities at other institutions.

College of Computing Sciences & Information Technology	• CCSIT incorporated Environment studies as a paper in all courses course. Syllabi are updated as per industry demand. • Conducted plantation day with students and faculty members and planted tree around campus under GO GREEN club. • Conducted Energy conservation campaign in whole university with volunteers and faculty members. • CCSIT has setup solar light around campus area to use of renewal energy. • For water harvesting, campus dig more water harvesting zone for recharging the underground water level. • In the direction of carbon neutrality, campus provided battery operated transportation facility for students and staff to reduce the entry of private vehicles near campus area. • Declared CCSIT campus as polythene free zone and banned to use of polythene in campus
College of Engineering	**Strengths:** • Skill based course with industrial connect have substantially increased placement last year, more than 75% of the students are being placed in reasonable reputed companies through campus placements. • College is one of the best self-financing Institute in the State of Uttar Pradesh. • Six students of Engineering participated & reached final stage in an event named Smart India Hackathon-2017 organized by MHRD & AICTE. • It has qualified, competent, well experienced and young dynamic faculty and collage is known as preferred employer in the zone. • Strong and active Alumni Association is slowest and steadily growing. • Few students are successful entrepreneur and also recruiter students from the collage. **Weaknesses:** • Some consultancy jobs are undertaken by the institute but the earning quantum needs to be increased in this area. • Being self financed institute government funds on research are difficult to fetch. **Opportunities:** • Our increasing placement supported by increased skill and value enchainment courses is a opportunity which can be leveraged.
College of Pharmacy	**Strengths:** • The Pharm D program has been represented from more than 60% of the total states in India. • There is continuous hunt for recruitment of young dynamic technically skilled faculties.

	• Regular skill development program are arranged for technical and non technical staff. **Weakness:** • Around 70% of student population belongs to rural origin. • Spoken English is the weakened area of above students. • Parents of female stake holders hesitate to permit their wards to stay at the institute till late evening or to send them for industrial tour and visits outside the city of Moradabad. • Socio-economic conditions of the family are nevertheless a prominent hurdle in the development and professional growth of students. **Threats:** • A large no of grooming institutions has diluted the significance of technical and professional programs. • The statutory provisions of the council have limited the scope of academic flexibility. • The industrial and hospital authorities exhibit last interest for providing training and jobs. • Non-compliance to the industry hospital expectations. **Opportunities:** • There are vibrant opportunities for absorption of technically skilled youngsters in the profession. • Existence of large no of Pharmaceutical industries in the proximity of the institution.
College of Nursing	• Promotion of universal values national values, human values, national integration, communal harmony and social cohesion. • Increase the awareness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations • Celebration of birth anniversary of great Personalities
College of Law & Legal Studies	**Strength:** Open space, green campus, ventilated class room, fire extinguisher, well entry and exit of the corridors in case of any emergency in the college. **Weakness:** Need of taping solar energy, less use of CFL, **Opportunity:** Rain water harvesting, garbage Mgmt **Threat:** heavy traffic zone, Heavy influx of vehicle
College of Physical Education	**Strengths:** • Qualified and Competent Faculty members. • Athletic care • Computers with Internet and Wi-Fi facility to the college. • In-house maintenance of equipments, for examples, tractor, roller available in the department. **Weaknesses:** • Research components needs to be enhanced additional. • More funds for the maintenance of play-ground.

	• Official procedural delay should be improved. **Opportunities:** • Pass out students' appointment as sports officers. • Pass out student's self employed as owners of fitness and health center. • Pass out students render their services in various sports associations and federations as fitness trainers. **Challenges:** • Recruitment of permanent faculties is an urgent need of the department. • University purchase process should be streamlined with no delays. • Institutional subscription must be there to access National and International research journals.
College of Agriculture Science	**S:** Mixture of academicians & professionals as faculty members. **W:** Less availability of technological advancement of the area. **O:** College is situated in the agriculture belt so plenty of agripreneurial. **T:** Students with different backgrounds & languages are admitted, so to cope up with them is a threat.
College of Architecture	**Strengths:** • Faculty members are a mix of young and old professionals having pulsating experience in different subjects. • Well stacked Library. • Innovative teaching pedagogy which includes participatory leasing, e –learning, practical knowledge, ICT etc. **Weakness:** • Less orientation for research. • Lack of practical exposure opportunities for students in Moradabad. • Limited opportunities for corporate training in regions. • Poor communication skills of students. **Opportunities:** • Enter into research. • Collaboration with reputed practicing professionals. • Provide consultancy locally and regionally. • Short-term programs for unskilled/semi-skilled workers.

8. Plans of institution for next year

A composite summary of the plans of different colleges of the university is mentioned below:

Name of College	Particulars
Medical College & Research Centre	To strengthen institutional infrastructure for promotion of research activities.

Dental College & Research Centre	• To improve the quality and standard of education from the existing state to higher level.
	• 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 at local hospitals, diagnostic laboratories and clinical research centers.
Teerthanker Mahaveer Institute of Management & Technology	• To introduce more collaborative programmes
	• To promote faculty/student exchange programme
College of Computing Sciences & Information Technology	• CCSIT is planning to automate student attendance system by face recognition camera system in each class.
	• CCSIT is planning to replace CFL and tube lights from LED bulbs in campus building.
	• CCSIT is planning to do more plantations around campus and build separate parking areas for vehicles.
	• CCSIT is planning to launch Mobile app for one touch solution for students and faculty.
College of Engineering	• It will be a challenge to attract the top-ranking students in future because of increasing
	• Competition by Colleges/deemed Universities in the field of engineering.
	• Fast changing in national and global trends in automation may lead to employability issues in coming future.
	• Mismatch between demand and supply of good faculty in terms of quality and quantity
College of Pharmacy	• To enroll large no of Ph.D. scholars.
	• To increase the no of research publications in international journals.
	• To provide due facilities for teaching and non teaching faculties and staff of the institute.
	• To motivate the faculty members to acquire higher qualifications. i. e. Doctoral and post doctoral degree.
	• To accommodate larger no employees inside the campus as far as possible.
College of Nursing	• Increase manpower
	• Increase institution collaborations.
	• Establishment of OT/ ICU suit
	• Increase number of research publications in referred journals.
College of Law & Legal Studies	• To Promote faculty/student exchange programme.
	• To organize National Moot Court Competition.

University Polytechnic	• To organizes workshop • Induct some new program with collaboration.
College of Education	Workshop & Seminars at national level to be organised
College of Physical Education	To start certificate courses in different games and sports, and academic discipline for examples, Psychology Bio-mechanics and Exercise Physiology, Yoga.
College of Journalism & Mass Communication	Make out plan for more certificate courses as well as open specialized degrees
College of Paramedical Sciences	• Proposal of Starting post graduate programme in Department of Forensic Science the academic year of 2018-19 • Planning to start B.Sc.Medical Microbiology programme in Dept. of Medical Lab Technology or as an independent department in academic year 2018-19. • Proposed PhD for next two session in BRIT.
College of Fine Arts	• To organise more Seminars and guest Lecture • To Start Diploma Courses • Industrial Visit for Students
College of Physiotherapy	• To strengthen the MPT programme. • To develop scientific lab for PGs. • To organize a conference. • To introduce Ph.D. programme
College of Agriculture Science	To facilitate teaching & learning in a more conducing environment & to maintain the existing & to develop new structure & programme for students, better faculty development programme, student admission progression & better retention.
College of Architecture	To Organise Short Term Courses for faculty & students

Name: Name:

_____   _____

Signature of the Coordinator, IQAC   Signature of the Chairperson, IQAC

_____***_____

CRITERION – I

1. Curricular Aspects

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	22	0		6
PG	51	1		26
UG	39	0		15
PG Diploma	1	0		1
Advanced Diploma	-	-	All programs are self-financing	-
Diploma	13	0		2
Certificate	0	0		0
Others	-	-		-
Total	126	1		50
Interdisciplinary	6	0		0
Innovative	3	0		0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	61
Trimester	-
Annual	66

1.3 Feedback from stakeholders*   Alumni [Y] Parents [Y] Employers [Y] Students [Y]
(On all aspects)

Mode of feedback :   Online [Y] Manual [Y] Co-operating schools (for PEI) [N]

*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Colleges are working towards the implementation of CBCS syllabus from Academic Session 2019-20. Modifications are reported by Colleges during 2017-18 are as follows:

Name of College	Particulars
Dental College & Research Centre	According to DCI Rules and Regulation

Teerthanker Mahaveer Institute of Management & Technology	Yes, Change in English Syllabi. The syllabus is made in such a way that it offers practical platform to the students to improve their proficiency in English.
College of Computing Sciences & Information Technology	Yes, minor changes across the programs offered by the College.
College of Engineering	Yes, Syllabus has been revised two times i.e. 11th January 2017 & 08th August 2017 • Added skill based courses for engineering by Industrial Experts in Solar-PV Design and Installation, CAD 2D & 3D, Solidworks, Civil engineering Estimation tools, Programmable Logic Controller/ SCADA, etc. • Added tool based learning in Engineering and Sciences Stream such as MAT Lab, SPSS, and Embedded Systems using Microcontroller. • Adapted the earlier syllabus of Environmental Science based on UGC model syllabus, introduce the Green Chemistry and Polymer Chemistry in line with market trends in Applied Science. • Adapted &Changed the English syllabus with the focus on English as a functional language & introduced soft skill based content and changed the pedagogy from teaching to practical learning. • Research Methodology & Industrial Health & Safety added as a subject in M.Sc. • Shifted from C to C++ as first course of Programming, Introduced Database Management Systems & Java in selected core Engineering & Science Branches. • Integrated MOOC in current syllabi and evaluation system. • Introduce university wide open elective courses. • General proficiency also added to encourage participation in co-curricular / extra-curricular activities.
College of Pharmacy	Syllabus of B Pharm as per PCI, implemented from the session 2017-18
College of Nursing	B.Sc. Nursing Ist Year & IIIrd Year (English) And Post Basic B.Sc. Nursing Ist & IInd Year (English).
College of Law & Legal Studies	Yes, the whole syllabus of all three programs was modified as per the changes in socio-legal environment.
University Polytechnic	Some new subject added.
College of Education	Yes, Revision of Two Year (Semester System) B.Ed. (2017-2018). As per NCTE guidelines 20 weeks training in schools is essential for completion of course.
College of Physical Education	The syllabus is modified/revised as per the feedback from the alumni and experts from the field.
College of Journalism & Mass Communication	Yes (English Subject added in syllabus for UG & PG Program. Environmental studies at UG level
College of Paramedical Sciences	• Implementation of Credit Based Semester System in undergraduate programme of all courses (BMLT, BRIT, BFS, B. OPTOM) w.e.f. from academic session 2017-18 • Change in syllabus content of BML-203, BML-303, BML-306(BMLT Annual Programme) in 2017-18.

College of Physiotherapy	Revision of BPT syllabus, applicable from 2017-18 year. New subjects added.
College of Agriculture Science	Yes, Revision of syllabus according to ICAR V Dean Committee has been done in 2017-18 session.
College of Architecture	Latest Trends and Technologies, Changes as per Council, Feedback from stake holders & Faculty members after analysis has been considered in the revision of the syllabus.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Name of College	Particulars
College of Nursing	GHPL International Training Centre
College of Agriculture Science	Organic farm centre (Organic farming introduced by students in university field)