

### YEARLY STATUS REPORT - 2020-2021

Part A		
Data of the Institution		
1.Name of the Institution	ITM University Gwalior	
Name of the Head of the institution	Dr. S. S. Bhakar	
Designation	Vice Chancellor	
• Does the institution function from its own campus?	Yes	
Phone no./Alternate phone no.	+919893520032	
Mobile no	+918770766424	
Registered e-mail	naac.coordinator@itmuniversity.ac .in	
Alternate e-mail address	vc@itmuniversity.ac.in	
• City/Town	Gwalior	
• State/UT	Madhya Pradesh	
• Pin Code	474001	
2.Institutional status		
• University	Private	
Type of Institution	Co-education	
• Location	Urban	

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07983930974
iqac@itmuniversity.ac.in
arun.kumar.yadav@itmuniversity.ac .in
http://itmuniversity.ac.in/agar/
Yes

### **5.**Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	В	2.31	2018	16/08/2018	15/08/2023

### **6.Date of Establishment of IQAC**

12/10/2011

### $7. Provide \ the \ list \ of \ Special \ Status \ conferred \ by \ Central/ \ State \ Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World \ Bank/CPE \ of \ UGC \ etc.$

Institution/ Depart ment/Faculty	Scheme	Funding agency	Year of award with duration	Amount
School of Agriculture, ITM University, Gwalior	B.Sc. (Hons.) Agriculture	ICAR	2020-21	0

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	19	

<ul> <li>The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.</li> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	Yes
(Please upload, minutes of meetings and action taken report)	No File Uploaded
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
If yes, mention the amount	NA

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

1. As the covid-19 pandemic period was started in March-2020, University has decided to ensure that student's teaching and learning should not be affected. So, we updated Moodle software with new features and given a new name as Tattva-LMS, where we provide all the learning contents to our students such as-lecture notes, Power point presentations, Recorded Video lectures, Interactive video lectures and conducting online webinar classes, online assignment submission, ABCA and Virtual laboratory. In the last academic session 2020-21, we were using BigBlueButton webinar tool for conducting the webinar classes. After receiving the feedback from subject teachers and students regarding the issues faced in BigBlueButton, then in current session 2021-22, we had a tie-up with Microsoft and now using the Microsoft-Team webinar tool for conducting the quality webinar classes. Number of training session was conducted by the IQAC Cell to train our faculty members to use Microsoft-Team webinar tool on Tattva-LMS platform. 2. In-house developed Management Information System (MIS) software has been updated with more new features and given a new name as Prabandh. Monitoring of course contents provided to students over the Tattva-LMS, now monitored through the Prabandh-MIS software. Two new modules have been added in Prabandh-MIS software namely-Moodle activity report and staff activity report to monitor the activities done by the subject teachers on daily basis. 3. In the current academic year, twoweeks faculty development program (FDP) was conducted to reform the tools and pedagogy of teaching, learning and assessment to meet the requirement of industry, and also to make the

students industry ready. In this FDP around 14 schools of the University and 67+ members had participated. 4. To improve the research and development activities, and to improve the quality publications in the University by the faculty members and students, and to promote the research activities in more effective manner various research groups have been created and in each research group one coordinator, some faculty members and research scholars have been associated. Seminar session was conducted, in which faculty members from various schools were invited to present their published work so that interdisciplinary research domain can be identified and interdisciplinary research can be done. Faculty members and research scholars were motivated to submit the project(s) to government funding agencies and also work for getting the consultancy. 5. Even during the COVID-19 pandemic period to ensure the quality and accuracy in examination process at ITMU, a web-based examination portal was developed by the ERM Cell of ITMU with proctored examination facilities. Examination portal now has been updated for MCQ based and descriptive based examination to assess the performance of students in better way through the web-based examination portal.

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

Plan of Action	Achievements/Outcomes
Strategy for proper functioning of various activity committees in University.	For the proper functioning of various event committees in University, coordinators had been deputed in each committee and instructed to prepare the activity calendar and ensure the conduction of event in best possible way. Even during the Covid-19 pandemic period in session 2020-21, all the coordinators had conducted the activities in the online mode wherever it was best possible.
Strategy to improve the quality and accuracy in examination process.	Almost complete session of 2020-21 was conducted in online mode due to Covid-19 pandemic.  We had a big challenge to conduct the examination in online mode and we do not want to compromise with the quality

and accuracy of the examination, such as the other Universities were compromising. So, we had conducted proctored online examinations over the in-house developed software by the ERP Cell of ITMU for all the students of first year to final year of all the courses. Evaluation was also conducted online and timely result was also declared. Due to all these efforts, all the students of final year were placed timely and their appointments were not cancelled or delayed due to any issues related to result declaration.

### Promote the research and development activities

To improve the research and development activities, various research groups were created and in each research group, one coordinator, some faculty members and research scholars were included to promote the research activities in more effective manner. Every faculty member was requested to write good quality research papers and publish in SCI/SCOPUS/UGC-CARE listed journals, write interdisciplinary research projects and submit the project(s) to government funding agencies, and also work for getting the consultancy. As an outcome of this initiative, good number of quality papers have been published in SCI/SCOPUS/UGC-CARE listed journals during 2020-21.

Industry collaborations, consultancy and research projects

Faculty members and research scholars were motivated for Industry collaborations,

consultancy work and for writing research projects during the 2020-21. As an outcome of this, good number of research projects were submitted to government funding agencies and organizations, with some of the renowned industries MoUs had been signed, and for the consultancy works efforts are in progress. Increase the use of ICT tools Session 2020-21 was completely and technologies in teaching and affected by covid-19 pandemic, But, the University had decided learning to ensure that student's teaching and learning should not be affected. So, we had updated our in-house developed Moodle software with new features and we provided all the learning contents to our students such aslecture notes, Power point presentations, Recorded Video lectures, Interactive video lectures, conducted online webinar classes, online assignment submission and grading, and Virtual laboratory etc. By the use of advanced ICT tools, we had provided all the teaching and learning contents to our students on the same platform, and we had ensured the quality teaching and learning even in covid-19 pandemic period of session 2020-21. 13. Whether the AQAR was placed before Yes statutory body?

• Name of the statutory body

Name	Date of meeting(s)
Internal Assessment Committee	25/06/2021
14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	Yes
15. Whether institutional data submitted to AIS	нЕ
Year	Date of Submission
2020-21	31/01/2022
16.Multidisciplinary / interdisciplinary	
17.Academic bank of credits (ABC):	
18.Skill development:	
19.Appropriate integration of Indian Knowledg using online course)	ge system (teaching in Indian Language, culture,
20.Focus on Outcome based education (OBE):F	ocus on Outcome based education (OBE):
21.Distance education/online education:	
Extende	d Profile
Extende  1.Programme	d Profile
	d Profile
1.Programme	
1.Programme 1.1	
1.Programme  1.1  Number of programmes offered during the year:	60

Number of departments offering academic program	mes	
2.Student		
2.1	6558	
Number of students during the year		
File Description	Documents	
Data Template	No File Uploaded	
2.2	927	
Number of outgoing / final year students during the	year:	
File Description	Documents	
Data Template	No File Uploaded	
2.3	6558	
Number of students appeared in the University examination during the year		
File Description	Documents	
File Description  Data Template	Documents  No File Uploaded	
-		
Data Template	No File Uploaded 0	
Data Template  2.4	No File Uploaded 0	
Data Template  2.4  Number of revaluation applications during the year	No File Uploaded 0	
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Data Template  2.4  Number of revaluation applications during the year  3.Academic  3.1  Number of courses in all Programmes during the year	No File Uploaded  0  1255	
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3.3	392
Number of sanctioned posts during the year	
File Description	Documents
Data Template	No File Uploaded
4.Institution	
4.1	14436
Number of eligible applications received for admis Programmes during the year	sions to all the
File Description	Documents
Data Template	No File Uploaded
4.2	NA
Number of seats earmarked for reserved category a Govt. rule during the year	s per GOI/ State
File Description	Documents
File Description  Data Template	Documents  No File Uploaded
-	
Data Template	No File Uploaded
Data Template  4.3	No File Uploaded
Data Template  4.3  Total number of classrooms and seminar halls	No File Uploaded  176  843
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Data Template  4.3  Total number of classrooms and seminar halls  4.4  Total number of computers in the campus for acade	No File Uploaded  176  843  emic purpose  1656.49
Data Template  4.3  Total number of classrooms and seminar halls  4.4  Total number of computers in the campus for acade  4.5	No File Uploaded  176  843  emic purpose  1656.49  (INR in lakhs)
Data Template  4.3  Total number of classrooms and seminar halls  4.4  Total number of computers in the campus for acade  4.5  Total expenditure excluding salary during the year	No File Uploaded  176  843  emic purpose  1656.49  (INR in lakhs)
Data Template  4.3  Total number of classrooms and seminar halls  4.4  Total number of computers in the campus for acade  4.5  Total expenditure excluding salary during the year  Par	No File Uploaded  176  843  emic purpose  1656.49  (INR in lakhs)

Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

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The curriculum of all programmes is developed in accordance with the Programme Educational Objectives (PEO) and Programme Outcomes (PO), which in turn are in tune with the vision and mission statements of the ITM University. The process of developing the curriculum and the course content takes into consideration the feedback from different stakeholders which ensures that it has relevance to the local, regional, national and global developmental needs. The curricula and course content thus framed are recommended by the Board of Studies and subsequently approved by Academic Council. The curriculum finalized is found to be good in all senses and it takes care of the need of the hour. New courses introduced are aligned with demands of the industries. These courses will enhance the employability skills of students. Courses that are in tune with the national mission of 'Make-in-India' pave way for the economic growth of the nation. Aligned with the Digital India mission, courses related to the latest computer languages like Python/ PERL are made compulsory for all programmes. Courses on renewable energy, climate change and environmental effects are also offered to sensitize the students to global health.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

34

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

### 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

1255

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

240

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

34

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Co-curricular and Extracurricular Activities

The University designs the curriculum in coordination with the academicians as well as industry person in that field to meet the demand of the present day. Some of the steps taken are below:

#### 1. Gender

Numbers of programs are conducted for women and girl students such as organization of, hemoglobin check up camps, women health check up. International Women's day, Glaucoma Day, World breast feeding days are celebrated and the eye checkup, awareness camps are being organized for the women residing in the nearby villages. The committee of Woman Empowerment organizes programs for women. The N.S.S. unit of the university has been very proactive in conducting different extension activities not only in premises but also in adopted villages. Major gender issues are focused and addressed through the activities.

#### 2. Human Values and Professional Ethics

To create scientific approach and social awareness among the students, science day is celebrated. The University takes efforts for integration of ethical and human values through extra-curricular activities also. Wisdom lectures are conducted where resource persons of repute are invited to deliver the talks. Programs conducted under NSS, NCC, department help to inculcate human values among students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

82

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

### 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

1852

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 1.3.4 - Number of students undertaking field projects / research projects / internships during the year

655

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File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 1.4 - Feedback System

# 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 1.4.2 - Feedback processes of the institution may be classified as follows

 Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Demand Ratio

### 2.1.1.1 - Number of seats available during the year

2012

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

401

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The students admitted in our university are coming from various economic sections and communities of the society. Our university has a fair system for admission process. After the completion of admission process regular classes commence as per the university timetable. After admissions university adopts a process to identify slow and advance learners among students. After knowing slow and advanced learners, extra lectures are conducted for weaker students. This is the informal way to complete the teaching-learning process and it is also convenient to both teacher and students.

Following activities are done by teachers for students:

#### Slow learners:

1. Individual counselling 2. Remedial Coaching 3. Extra notes 4. Group discussion session 5. Internal examination process 6. Encouragement in NSS, Sports and academic activities

#### Advance learners:

1. Seminar sessions 2. Participative learning sessions 3. Experimental learning sessions i.e. Industrial Tour 4. Project Based Learning (PBL) 5. Assessments 6. Group discussion sessions 7. Technology Day/ Engineers Day 8. To enhance their confidence level, the university conducts various activities such as Cultural, NSS, and Sports to develop their overall personality. 9. Five Books are issued free of cost to each students and renewed every fortnight.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	https://drive.google.com/drive/folders/1vo1X rLTh5-mnvYBwbs-mhRzUm62CwLrv?usp=sharing

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
6558	389

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problemsolving methodologies are used for enhancing learning experiences

ITM University provides an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behaviour in the correct manner. All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning.

The institute focuses on the student-centric methods of enhancing the lifelong learning skills of students. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

#### Experiential Learning:

- Project Based Learning
- Summer Internship
- Add-on Courses on latest technologies from Swayam MOOC, Coursera etc.
- Project development on latest technologies
- Industrial Visits
- Certification Courses from the the market experts such as Microsoft/ Google/ NSE etc.
- Participation in simulated events

Participatory Learning:

- KRONOS
- Annual cultural program
- Regular Quizzes
- Seminar Presentation
- Presentation and publishing of papers in conferences and journals
- MOOC Programs (NPTEL, ICT-IITK, SAP, COURSERA, etc.)
- 3. Pedagogical tools are aligned with the Co and Po of a particular course. ITM University is committed to creating and maintaining an environment of excellence in education through technological advancements, effective pedagogy and methods of evaluation and enabling students to access support systems to meet their academic needs.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Tattva-Learning Management System: In 2014, in-house developed, Web-Based learning management system was introduced and implemented in the University for Better Performance of students in academics.

During the covid-19 pandemic period, we had provided all the learning contents on Tattva-LMS to our students' such as-lecture notes, PowerPoint presentations, Recorded Video lectures, Interactive video lectures and conducted online webinar classes, online assignment submission, ABCA and Virtual laboratory.

During the period 01 July, 2020 to 30 June, 2021, over the Tattva-LMS portal following contents were provided:

No. of Lecture Notes: 3543 No. of Interactive Videos: 2297 No. of Quizzes: 178 No. of Webinars: 3044 No. of recorded video lectures: 1845 No. of Virtual labs conducted: 71 No. of Assignment given and evaluated: 567

Prabandh-Management Information System: In 2011, a web-based and inhouse developed Prabandh-Management Information System was implemented at ITM University Gwalior to facilitates the entire essential processes which appertain to academics, examinations, student support services like hostel and transport, various human resources functions are executed through a highly sophisticated ERP platform. During the Covid-19 pandemic period, management information system (MIS) software has been updated with more new features and named as Prabandh.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

109

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 2.4 - Teacher Profile and Quality

### 2.4.1 - Total Number of full time teachers against sanctioned posts during the year

389

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

146

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

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### 2.4.3.1 - Total experience of full-time teachers

#### 1125.33

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

30

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 2.5 - Evaluation Process and Reforms

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

Nil

### 2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

0

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

In View of the Covid-19 pandemic, university-developed dedicated software to conduct the online examinations to avoid any delay in getting the result timely. On this platform, all end-semester examinations were completed successfully. These exams were fully monitored as offline examinations. Question papers included both objective-type multiple questions and descriptive-type questions. Invigilators and flying squads were deputed to maintain the sanctity of examinations. Results have been declared and are available on mis portal of the students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

ITM University is committed to being at the forefront of providing the best tertiary education. The outcomes of all the respective programs of the University are reflected in the Academic Manual. These are a set of competencies, skills and abilities that the students develop, along with disciplinary and inter-disciplinary knowledge that they procure. At ITM University, the concept of Bloom's Taxonomy is deployed in all programs. The Blooms Taxonomy play a very significant role in accomplishing and aligning the mission and vision of the University. Following issues are taken care of while developing the learning outcomes: The Learning outcomes are measurable and stated using active verbs (in accordance

with Bloom's taxonomy). They are expressed as complete declarative sentences that clearly describe the knowledge, skills, and competencies the students would acquire by the time they complete their respective programs/ courses. Further, the pedagogy adopted to deliver knowledge is in synchrony with the learning outcomes to be achieved. The outcomes are assessed and measured to identify the extent to which goals are accomplished. Proper action plans are laid down to identify the gaps that may have accrued after the detailed analysis.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The attainment of program outcomes is ensured by the implementation of a process for the evaluation of students as per the rules and regulations of the University framed by different committees and then passed by the Board of Studies and Academic Council. The implementation of the syllabi up-gradation and amendments, if any, in the process of evaluation of the learners are monitored by the Board of Studies and Academic Council. Internal assessment is the requirement of continuous assessment and is essential for the fulfillment of the course outcomes and program outcomes. Our school promotes faculty to equip themselves with the latest developments in the computing field for the benefit of students. Faculty members organize and attend workshops, seminars and conferences etc. Modes of assessment used for rating learners' performance in a theory course includes midterm and End Semester Examination. The assessment in a laboratory course is based on regular supervision of the learner's work, her/his performance in viva-voce examinations, the quality of their work as prescribed through laboratory work and an end semester test that contains performing an experiment if the practical examination is mentioned. Seminars are evaluated based on a written report, and/ or an oral presentation before a panel of internal examiners appointed by the Dean of the school or Head of Department.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.6.3 - Number of students passed during the year

### 2.6.3.1 - Total number of final year students who passed the university examination during the year

927

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 2.7 - Student Satisfaction Survey

### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://drive.google.com/file/d/liSxlovbDFym3elzcRORL\_a0DmjmOTqyx/view?usp=sharing

#### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The ITM University Gwalior provides all necessary infrastructural facilities and a conductive environment to promote research activity in the campus. Faculty is encouraged to apply for various funding agencies and pursue their research. However, the University is ready to provide seed funding or partial funding based on the merit of proposals submitted by faculty or student. The University encourages the faculty by providing incentives for peer-reviewed publications, writing books and filing patents. The University takes care of the patent filing process, which is governed by the Research policy of the University.

The University gives a free hand to report research results and findings. However, a thorough review is done for all research proposals seeking funding from various funding agencies by consulting the research committee comprising the Dean R&D, Head of the respective department and subject expert(s) of the department. Research Centers are established in various departments of the University with the necessary software and computing facilities for carrying out research activities. PC Ray Research Centers are recognized by ITM University Gwalior and full-time research scholars are allotted by the University to pursue their research work in this center under the guidance of the concerning faculty.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.1.3 - Number of teachers receiving national/international fellowship/financial support by various agencies for advanced studies/ research during the year

2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

P	Anz	3	of	the	above
₽•	TILY		OT	CITE	above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

4

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.2 - Resource Mobilization for Research

# 3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

#### 113.65

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

4

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.3 - Innovation Ecosystem

- 3.3.1 Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge
  - Certificate of Incorporation (ITM Business and Incubator Foundation)
  - Article of Association of ITM Business and Incubator Foundation
  - Memorandum of Association of ITM Business and Incubator Foundation
  - FSSAI License and Incorporation Certificates

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

29

### 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

29

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

### 3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4 - Research Publications and Awards

### 3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

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# 3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

- 1. Inclusion of research ethics in the research methodology course work
- 2. Presence of institutional Ethics committees (Animal, chemical, bioethics etc)
- 3. Plagiarism check
- 4. Research Advisory Committee

#### A. All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards

Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

E. None of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.4.3 - Number of Patents published/awarded during the year

### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

6

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4.4 - Number of Ph.D's awarded per teacher during the year

### 3.4.4.1 - How many Ph.D's are awarded during the year

8

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

#### 143

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

### 3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

53

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

# 3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

Α.	Any	5	or	all	of	the	above
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File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

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

Sc	opus	Web of Science
	433	314

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<u>View File</u>

### 3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
16	10

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	No File Uploaded

### 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

ITM University has the Policy on consultancy which objective is to encourage faculties to accept consultancy, directing projects, R&D products and technology transfer.

The revenue will be shared of net amount (after deducting all expenses incurred during the project undertaken). The members involved in the consultancy projects will get 50% of the net amount of the consultancy and the University will take 50% and out of that 20% of the net amount will be allocated to the respective school/department for the research purposes.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

### 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

#### 260000

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The ITM University organizes a number of extension activities to promote the university-neighbourhood community to sensitize the students towards community needs. The ITM University runs effectively National Service Scheme and National Cadet Corps Units. Through these units, the college undertakes various extension activities in the neighbourhood community.

NSS organizes a residential seven day camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation through construction of Bawdi, Shramdan, Social interaction, Group discussion Eradication of superstition, Beti Bacho Beti Padhao, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health checkup camp, Veterinary guidance, Farmers meet, Awareness about farmer's suicide etc.

The NCC unit of the University comes under 8 MP Bn NCC Gwalior, 3MP Bn NCC Girls Gwalior & 3MP Bn NCC Naval Gwalior (Girls & Boys). It aims at developing qualities of leadership, patriotism, maintaining discipline, character building, spirit of adventure and the ideal of self service.

The NCC unit of the college organizes various extension activities as tree plantation, Road safety awareness, Ekta daud for health, save fuel save country programme, Swachhta Abhiyan, National equality awareness.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

### 3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

13

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

6

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1004

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during

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### the year

# 3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The University provides adequate teaching-learning resources for smooth conduct of classes and providing beyond the classroom learning to the students. The details are:

Classrooms The university has 60+ class rooms which are enabled with LCD or interactive board, AC, or projector facilities.

Laboratories The university has 60+ laboratories enabled with sufficiency of lab equipment to provide hands on activities to the students. In addition to this 100+ acres of agricultural land is available to the students for providing experiential learning to the students of school of agriculture.

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Library In addition to the central library, there is availability of departmental library to the students. The library is enriched with texts books (84025), reference books (15872), e-Books (495), journals (142), e-Journals (56), digital database, CD & Video, library automation, shodhganga and computer facilities.

Computing facility There are 18 computer laboratories with 1000+ computer facilities which is sufficient to provide learning to the students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Sports & Fitness serve very important roles in students life at ITM. The University has a dedicated School of Physical Education with qualified faculty members to help the students in their sports curriculum. Apart from exclusive programs of the School of Physical Education, ITM has set-up a wide array of well-maintained Sports facilities for conducive use by the students. With specialized Indoor and Outdoor courts of various games like Basketball, Badminton, Lawn Tennis etc, the university aims to grow more and more players through training modules specific to their games of interest. Various activities are conducted around the year to engage all the students and maintain an active state of participation. Different Clubs are also running to fuel the passion of young lot towards physical exercise. Regular maintenance of the indoor and outdoor courts, gym, athletic ground and the cricket pitch is under the individual coach. As these facilities come under the School of Sports. Funding for maintenance and enhancement are put forward by the Dean.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.3 - Availability of general campus facilities and overall ambience

In addition to the teaching-learning and sports facilities, the

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University also provides a number of facilities which are essential for students and teachers. These common facilities are: • Medical Health Care Center • Meditation Center • Gym & Health Club • Coffee House • Residence for Faculty • Guest House • Security, Indoor & Outdoor Sport Complexes, ATM, Bank, Open air Amphitheater (3000 Seating Capacity) • Mess & Dining • ITM Hospital & Research Centre etc.

Medical Health Care Center/ITM Hospital & Research Centre: ITM Hospital & Research center is 200 beds multispeciality hospital which have facilities for cure, treatment and research of most of the diseases and the facility is available to staff and students.

Hostels: One of the key contributors to an intensive & effective learning experience is living inside the campus. Separate Hostels for Girls and Boys have been developed within the vicinity. With 1150 Beds, the Boys hostel promises basic recreation & indoor sports facilities to the students. A Semi-mechanized, hygienic mess with class-leading dining, which can accommodate up to 800 people is also present in close proximity to both the hostels. With 200 beds, the Girls hostel offers a safe, secure and serene atmosphere within the campus. Transport facilities are also provided to hostlers for short excursions to Gwalior and other nearby areas.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

#### 1656.49

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The library is fully automated with facility of e-Granthalaya [3

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Version (32 Volume)] since 2019-20.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals ebooks e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

#### 29.1377

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

650

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 4.3 - IT Infrastructure

### 4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

13

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

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### 4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

#### IT POLICY

- ITM University maintaining reliable computing facilities, computing network environment, and related infrastructure to facilitate education, research, instructional and Institute approved services.
- Any computer, peripheral or network-capable device and personal devices connected to campus network must belong to, or be formally registered or be hosted by IT Department.
- IT Department is responsible for provision and maintenance of computing facilities provided to users. The facilities are provided after the user secure approvals from competent members of administration.
- IT Department shall not be responsible for any failure to personal peripherals connected to university equipment by the user.
- The individual or the department shall be responsible to report any hardware or software-related faults to IT Department. IT Department shall take all necessary steps to resolve the issue at the earliest.
- All support calls attended by support personnel shall be documented and the user or department shall ensure that the service is complete in all respect including components that have been removed or replaced by the service personnel.
- All software installed on the user machines shall be legal copies from the original vendors. Users are encouraged not to use any illegal or unlicensed versions of copyrighted software.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 4.3.3 - Student - Computer ratio during the year

	Number of Computers available to students for academic purposes
6558	689

### **4.3.4** - Available bandwidth of internet connection in the Institution (Leased line)

• 50 MBPS - 250 MBPS

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded
Upload the data template	<u>View File</u>

### 4.4 - Maintenance of Campus Infrastructure

### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

593.73

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The University provides apt allocation of funds for the maintenance of various facilities. The proper functioning of the implemented system is validated by regular committee meetings.

#### Departmental Laboratories

- Repairing, maintenance and calibration and cleaning of equipment.
- Maintenance of sophisticated equipment at regular intervals through the service provider namely the vendor.
- Laboratory waste material disposal in accordance to its nature.

#### University Library

- At the end of every session, fresh requirements for the upcoming session are floated amongst the schools. After due approval of the finalized list, purchase is initiated.
- Entry registered used to maintain the entry of students and faculty.

#### The Sports facility

Regular maintenance of the indoor and outdoor courts, gym, athletic ground and the cricket pitch is under the individual coach. These facilities come under the School of Sports.

#### Computer Laboratories

There are 18 computer laboratories that are maintained through the AMC. Individual lab technicians have the responsibility for the upkeep of the units on regular usage, and report any damage and untoward incidence to their HOD.

#### Classrooms

- Each school has a set of individual classrooms. The upkeep and maintenance of these classrooms is under the individual school.
- At the end of each semester, stock of each classroom is taken.
   Any repair of furniture and electrical fittings is imitated immediately through the Maintenance department at the University workshop.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

#### 1116

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

### 1610

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

### A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### **5.2 - Student Progression**

- 5.2.1 Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)
- 5.2.1.1 Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

10

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 5.2.2 - Total number of placement of outgoing students during the year

240

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

69

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.3 - Student Participation and Activities

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

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

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

The students who are excelling in their studies are members of this council as representatives of their classes. This council elects its executive body and mentored by the Dean Student Welfare (DSW). Periodic meetings of this council are organised with the university management and the Vice-Chancellor to share voices of students on academic and administrative issues for their solutions.

Roles and Responsibilities of the Student Council

- To promote and encourage the involvement of students in organizing university activities.
- To promote the interest of students among the stakeholders of the university.
- To organize educational and recreational activities for students.
- To propose activities to the university administration that would improve culture in the university.
- To maintain good relations, out of mutual respect, with the university staff and parents.

Structure of Student Council Student council shall consist of two types of student representatives, class representatives and Executive members. Class representatives will be the representatives of the classes. They will be selected from every class of all dept./school of the university. Class representatives will be nominated on the basis of academic merits of the preceding year or nominated by the students of the class. Executive members will be selected at department level from the nominated class representatives.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

There are various Events conducted by Alumni of the ITM University . They also interact with ITM Students to create Industry Awareness on a regular basisToday, it is the backbone of the institution. The institution rests on the rich history of thestudent's success and glory. ? Association regularly meets and interacts with the management. It is the flag bearer of thedevelopments in the institution. ? The Alumni organizes lectures on personality development. Over the years it has beenhelping in holding interactive sessions to motivate students regarding social adjustmentsand career seeking. ? The alumni also help the institution by influencing industries and other agencies ingetting placements fests for the institution. The alumni has expanded and strengthened itwith new enrolments. ? The alumni appear for various activities and their suggestions are taken into account. Alumni day is celebrated and their achievements are recognized. The successful alumniare selected as guests of honor for awards. The Institution has a social networking page and a separate link in the website where the Alumni can register and connect to share their ideas.

Alumni Benefits for Students: ? Personality Development Program ? Career Advising ? Industry Institute Interaction ? Mentoring ? Placement assistance ? Sponsorship ? Project Assistance for final year students

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# **5.4.2 - Alumni contribution during the year** (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

### Vision: -

To emerge as a global hub of knowledge creation, cutting-edge research & development and the center for the development of skills to create entrepreneurs capable of contributing to different fields.

To emerge as a preferred choice for students at the global level to pursue their passion would help develop them as leaders in their respective fields.

### Mission: -

Our mission is to advance, network and disseminate knowledge in a way that helps in creating contributing citizens to global society. We aim at delivering knowledge that blends academic rigour, curiosity and intellectual stimulation. Education at ITM University Gwalior should help students become capable of judicious introspection and objective reflection. Our students are expected to be capable of raising pertinent questions, challenging status-quo, change-catalyst, serving as team players, having the quest for lifelong learning, aim to realize their full potential and having an intent of serving society.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The university keep strong belief in decentralization and participative management in all decision making and Guidelines preparations.

Deans of Schools, HODs of the departments along with Faculty

members, play the decision-making role in the Schools and at University levels issues. The decentralized functioning mechanism, empower the Departments / Schools and individual faculty with a great level of flexibility in academic administration and helps the faculty in taking decisions. The well-defined policies by the University authorities and various committees including the Board of Studies, Purchase Committee, Standing Committee, Anti-Ragging & Discipline Committee and Academic Council the wok is distributed. The members of these committees represent faculty members of various schools.

### 1. Regular Augmentation of Syllabi as per the need

The university is committed to providing the best curriculum for the programs offered. We always keep eye on the latest updates by our industry/academic collaborators and employability scenario. Based on this we regularly update our syllabi through rigorous processes.

2. Establishment of Online Teaching/Learning and Administrative Management \*\*pedagogy, online/offline, evaluation by school,

Corona Pandemic put a great challenge to our regular teaching and we accepted these challenges as an opportunity to enhance the use of the online platform in the best way.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### **6.2 - Strategy Development and Deployment**

### 6.2.1 - The institutional Strategic plan is effectively deployed

### Curriculum Development

In order to develop the curriculum, the schools made a feedback system, with relevant Industries/ Parents and students synchronized with placement cells. They provide time to time feedback to incorporate new content, skills and suggestions about schemes and syllabi. They also work as a member of BOS. Dean/HOD conducts a faculty meeting in which the subjects, schemes and curriculum are discussed. During the meeting of BOS again after consultation and approval of expert of BOS, the curriculum including the syllabi is designed and developed.

### Teaching and Learning

University organized several faculty development programs time to time to improve teaching pedagogy. This year at the university level 15 days FDP was organized to evaluate the existing pedagogy with suggestions for improvement.

### Examination and Evaluation

We believe in the continuous evaluation system; the evaluation is based on several internal and external exams. The two midterms of 30 marks and one end term of 40 marks are conducted.

### Research and Development

the faculty encourage to involve in research and development along with Teaching and administrative jobs.

Library, ICT and Physical Infrastructure / Instrumentation

ITM University has a Resource Centre Which has a rich collection of books, journals (National/International), audio-visuals, CDs, VCDs, annual reports, newsletters, etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

With the hands-on experience of the management, the university management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every state. ITM University has been established in May 2011 by M.P. State Govt. Under section 2(f) of UGC Act and Notified in the M.P. Gazette (extraordinary) after receiving the assent of the Governor of M.P.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.2.3 - Institution Implements e-governance in its areas of operations

# 6.2.3.1 - e-governance is implemented covering following areas of operation

A. All of the above

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### **6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

ITM University Gwalior is a multidisciplinary university known for its quality of research and teaching across the academic spectrum, with subjects spanning the sciences, engineering, management, fine arts, social sciences, arts, nursing etc.

It has been at the forefront of learning, teaching and research and leader in many different fields in its educational endeavour. In a relatively short-time span it has created an image for its excellence as an institution of higher learning through outstanding teaching and world-class research so as to produce well rounded graduates with lifelong abilities to provide leadership within the societies they serve. We have a well-deserved reputation for last 15 years for excellence, as demonstrated by host of educational institutions already operating under out flagship banner i.e., ITM Universe.

### Annual Performance Appraisal

A self explanatory Annual Performance Appraisal Report Form covering various aspects, role and responsibilities, R&D, Projects, and other important assignments of the faculty members will be processed by

the Deans of the Schools for the period as per the specified flow chart. The whole process of the appraisal will be transparent, predictive, scientific and motivational to the above average performers in the ITM University, Gwalior.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

10

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

21

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 6.4 - Financial Management and Resource Mobilization

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

University mobilises its funds received mainly from Student fees.

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University has a finance committee for monitoring the effective mobilization of funds and the optimal utilization of resources.

The University has a proper system for effective and efficient use of available financial resources. The master key for taking financial decision and related matter are Finance Committee and the Governing Body who constantly monitor and encourage for the proper utilization of allocated funds as per need. Each department prepare and submit the yearly budget. This budget is generally for the requirement or up-gradations, in lab, classrooms, maintenance and activities.

Financial matters are closely monitored by the accounts office. In case of any need where the financial support is required, proper demand in writing is made from the concerned Department. For e.g. in case of any requirement, the details of the requirement of the equipments, maintenance infrastructures etc are prepared and proper procedure for purchase is adopted. A statement of accounts containing details of income and expenditure, including budgetary is placed in front of the Finance Committee.

All expenses done after getting approval from financial authorities of the University, Registrar of the University and thereafter it is finally approved by the Vice Chancellor.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

# 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 6.4.4 - Institution conducts internal and external financial audits regularly

- 1. Purpose: The Board of governors authorizes the Chancellor of the University to hire internal audit staff to provide independent appraisal services to the Board and institutional administrators. Internal auditing is a managerial control that functions by measuring and evaluating the effectiveness of other financial and managerial controls. Retires or senior person form Audit and Accountant are member of internal audit Committee.
- 2. Objective and Scope: The objective of internal auditing is to assist the Board of Governors and institutional administrators in the effective discharge of their responsibilities by furnishing them with analyses, appraisals, recommendations and pertinent comments concerning the activities reviewed.
- 3. Authority: The internal audit staff is authorized by the Board of governors to conduct a comprehensive program of internal auditing. To accomplish their objectives, the internal auditors are authorized to have unrestricted access to university functions, records, properties and personnel.
- 4. Reporting: The internal audit staffs report to the Board and indirectly to the University Chancellor, and where appropriate.

External Audit conducted by a leading chartered accountant firm on regular basis. External auditors may request to discuss financial and audit-related issues with the Audit/Compliance. The Audit/Compliance may request the other external auditors to discuss financial and audit-related issues with the Committee

Fi	ile Description	Documents
11 .	pload relevant supporting ocument	<u>View File</u>

### 6.5 - Internal Quality Assurance System

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6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Internal Quality Assurance Cell (IQAC) at ITM University Gwalior had been established in 2011 with following goals:

- To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the HEIs;
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Two practices have been successfully implemented at ITM University Gwalior under the IQAC Initiatives:

Tattva-Learning Management System: In 2014, in-house developed, a web-based learning management system was introduced and implemented in the University for Better Performance of students in academics.

During the covid-19 pandemic period, we updated LMS software with new features and given a new name as Tattva-LMS, where we had provided all the learning contents to our student's such as-lecture notes, Powerpoint presentations, Recorded Video lectures, Interactive video lectures and conducted online webinar classes, online assignment submission, ABCA and Virtual laboratory.

Prabandh-Management Information system: In 2011, a web-based and inhouse developed Prabandh -Management Information system was implemented at ITM University Gwalior to facilitate the entire essential processes which appertain to academics, examinations student support services like hostel and transport, various human resources functions are executed through a highly sophisticated ERP platform. During the Covid-19 pandemic period, Prabandh software has been updated with more new features.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on

E. Any lof the above

quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting documnent	<u>View File</u>

- 6.5.3 Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)
- 1. Strategy for proper functioning of various activity committees in University
- 2. Strategy to improve the quality and accuracy in examination process.
- 3. Promote the research and development activities
- 4. Industry collaborations, consultancy and research projects
- 5. Increase the use of ICT tools and technologies in teaching and learning

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

Gender Equity and sensitization

ITM University, Gwalior is an organization exemplifying women

empowerment through deeds and not only through words and awareness campaigns.

Women are holding prominent central positions in the University management starting with Chancellor, Deans of 5 schools, Dean Academics, Director of ERP Section and many more.

University has taken several measures to enhance safety & security on campuses by constituting Internal Complaints Committee (ICC), installing CCTV cameras and by providing round the clock security. The women security guards are also available at Girls hostels.

The ICC ensures that posters promoting gender equity & sensitization are placed on the Notice Boards. A Complaint Box is placed outside the ICC office. Telephone / Mobile numbers of the ICC Chairperson and members are made available on the Notice Board of the ICC office, University Directory & Website. Strict confidentiality is maintained by the ICC to encourage the complainant to lodge complaint without fear.

A state-of-the-art Day Care Centre is also functional for all faculty and staff within the campus. It was an initiative towards promoting social empowerment of Women Employees. University also organizes training programs, seminars, workshops etc. on gender equity and sensitization by experts.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	https://drive.google.com/file/d/1zT6qURfPt3Z sNqql6FvnU4U1-c5DiAox/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	Specific facilities provided for women in terms of: a. Safety and security b.  Counseling c. Common rooms d. Daycare Centre e. Any other relevant information

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

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

ITM University Gwalior is committed to "zero waste" and reducing the environmental impact of its activities through its philosophy of "reduce-reuse-recycle". Over the years, the University's recycling scheme has included office stationery, electronics, laboratory material and furniture.

Solid waste: The entire plantation in the campus is organically nurtured from the Solid waste management. University produces organic nutrients at the campus from the bio waste matter of the University for the plantations with the firm endeavour of promoting recycling of waste and dissemination of the practice of organic farming.

Liquid waste: The University adheres to a strict protocol of liquid waste disposal in its laboratories. Any glassware used in the laboratory is rinsed with minimum water and placed in the liquid waste container. The liquid waste is segregated into organic and inorganic waste.

E-waste: The University has optimized its inventory of all computers through reassembling, modification and up-gradation by the University's own team of IT Administrator, faculty members and students of Computer Science Engineering and Information Technology.

### Solid Liquid Management

The waste water from the RO plant is discharged back in back into the environment which is effectively utilized to water the lawns sapling and trees into university by sprinkling irrigation.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore

A. Any 4 or all of the above

well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.5 - Green campus initiatives include

- 7.1.5.1 The institutional initiatives for greening the campus are as follows:
  - 1. Restricted entry of automobiles
  - 2. Use of bicycles/ Battery-powered vehicles
  - 3. Pedestrian-friendly pathways
  - 4. Ban on use of plastic
  - 5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

- 7.1.6.1 The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
  - 1. Green audit
  - 2. Energy audit
  - 3. Environment audit
  - 4. Clean and green campus recognitions/awards
  - **5.** Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for

B. Any 3 of the above

easy access to classrooms and centres. Disabledfriendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screenreading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

Following activities were performed by NCC, ITM University Gwalior during COVID 19 Pandemic.

- 1. iGOT COVID 19 NCC cadet training was completed as a volunteer.
- 2. Aarogya Setu App was downloaded in cadets mobile and also in relatives and friends mobile.
- 3. 500 masks were made and distributed in slum area of Gwalior region adopted village. 4. Awareness videos regarding to COVID 19 were made and uploaded at different social sites by NCC cadets.
- 5. Conducted MP & CG NCC Webinar on Kargil Vijay Divas on 26 July 2020.
- 6. Tree plantation at adopted village Sikhrouda on 25 July 2020.
- 7. Online programme organized "Tree Plantation at any social area" form 1 July to 30 July 2020.
- 8. ITMU NCC cadets took part in 'Fit India Movement'. A cumulative run of 2,00 kms was done by the cadets to was done by the cadets to spread awareness in the society. NCC Directorate Madhya Pradesh, under the aegis of DG NCC had taken the lead in one month online awareness campaign for 'Fit India Movement', which commenced on 15 August 2020 and culminated on 14 September 2020.
- 9. NCC cadets participated in an online session to mark

International Yoga Day, wherein NCC ANO Dr Shivom Singh demonstrated various asanas followed by 'omkar' chanting. NCC Cadets registered themselves through Google forms to join online yoga programmes and performed asanas with enthusiasm..

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

The cadets of 8 MP Bn, ITM University Gwalior participated in an event organized on 13th August 2021, remarking the supreme sacrifice of our freedom fighters and celebrating Azadi ka Amrat Mahotsava on 75th Independence Day.

Aazadi ka Amrat Mahotsava at ITM Campus

An event was organized on 15th of August 2021 by the cadets of 8 MP Bn commemorating the supreme sacrifices of the sons of this motherland.

Plantation of Trees

An event of plantation of trees was organized by the cadets of 8 MP Bn. The activity was carried out on 21st of August 2021 under the guidance of Lt Shiv Om Singh in which a total of 57 cadets participated.

Swachhta Abhiyan

This activity was organized by the cadets of 8 MP Bn on 24th August 2021 under the guidance of Lt. Shiv Om Singh in which 45 cadets of the battalion participated in order to spread awareness about cleanliness and a hygienic environment.

Tutoring of Kids of Rural Areas

The cadets of 8 MP Bn initiated a small campaign of tutoring the kids of rural areas, who have left their schooling mid-way due to the pandemic on 28th of August 2021 in Maharajpura village, Bhind Road, Gwalior.

7.1.10 - The Institution has a prescribed code	
of conduct for students, teachers,	

Any 3 of the above

administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

- Independence Day of India -August 15, 2020
- Gandhi Jayanti Celebration -October 02, 2020
- National Youth Day: January 12, 2021
- Parakram Diwas: January 23, 2021
- National Voters Day -Jan 25, 2021
- International Mother Language Day -Feb 21, 2021
- National Anti-Terrorism Day -May 21, 2021
- World No Tobacco Day May 31, 2021
- World environment Day -June 07, 2021
- International Yoga Day -June 21, 2021

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

### 1. PRABANDH- ERP Software

In 2011, a web-based and in-house developed Prabandh -Management Information system was implemented at ITM University Gwalior to facilitate the entire essential processes which appertain to academics, examinations student support services like hostel and transport, various human resources functions are executed through a highly sophisticated ERP platform. Following modules are available in ERP software

- 1. Student Information System
- 2. Faculty Staff Management: -
- 3. Finance Account Management: -
- 4. Purchase Inventory Management
- 5. Self Service portals for students and employees
- 6. Incubation Centre-IDEAPAD
- 2. Activity Based Continuous Assessment (ABCA) System
- To help a student to exhibit his talent through activities.
- To assist students individually for learning.
- To support learning through improved student-teacher interactions
- To lead the students toward better understanding of the concept.

The learning process is more effective and consistent by systematically linking activities to course structure and grading practices to intended learning goals. The teacher provides systematic feedback to students about their own progress. The following are the changes addressed for implementing the ABCA System.

- What do you really want students to know and learn?
- What are your students actually learning?
- What can you do to help students learn what you believe they need to know?

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

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The institution is committed to serve the society to adhere with the mission and vision through various programs. The University has adopted nearby villages to implement health care programs, awareness drives, Farmers' training camps and Melas etc. The farmers are rearing the cattle, crop production, fisheries etc; our scientist advised them to utilize cow dung in Vermi-composting. We have constructed the Vermi-compost units in Chhetupara villages. The income of the farmers is increased by 25 % from the produce which were obtained from the field by using Vermi-compost. We have provided training for cultivation of button and oysters mushroom to the farmers and they are being guided for low cot technique for mushroom cultivation. School of nursing sciences had conducted various health care activities along with students and faculty member to serve at community level during the Covid-19 pandemic period such as Distribution of Mask and sanitizer, Free treatment of Covid-19 patients in ITM Hospital, programs on hand washing technique at various places as Naka chandra vadni , Kote ki saray, JAH Hospital, Vaccination drives were conducted by ITM Hospital for the staff and nearby villages, and conducted seminar to reduce misconception about Covid19.

### 7.3.2 - Plan of action for the next academic year

The University have plans to implement the followings in next academic year: 1. More tie-ups with Professional and Institutional bodies 2. To obtain consultancy and funded research projects 3. More collaborations with leading industries for training and internships 4. Increase more publications in reputed National and International Journalsand Books publications 5. Involvement of Alumni in various University Activities 6. Increase startups through IDEAPAD 7. Setup of private cloud to manage the databases of Tattva-LMS andPrabandh-MIS software 8. Plagiarism check for Project & Assignment submissions 9. To Organize more number of Workshops and National/International levelconference 10. Establish Central Computing Cell/Innovation Cell 11. Upgradation of Poly House and Green House in the Department of Agricultural Sciences 12. Construction of swimming pool. 13. Organize more number of national level sports tournaments. 14. Extension of bed capacity up to 500 in the hospital of school of nursing. 15. To organize more number of programs in adopted villages such as healthservices, seed related training, Kishan Gosthi, educational programs underunnant bharat abhiyan. 16. We will Increase the use of solar energy for more energy conservation. 17. Setup for solid/e-waste management 18. External audits for Clean and green campus