



## **YEARLY STATUS REPORT - 2020-2021**

Part A	
Data of the Institution	
1.Name of the Institution	RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
• Name of the Head of the institution	Dr. Subhash R. Chaudhari
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	071225245417
• Mobile no	9822576404
• Registered e-mail	directoriqac@nagpuruniversity.ac.in
• Alternate e-mail address	iqacrtmnu@rediffmail.com
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440033
2.Institutional status	
• University	State
• Type of Institution	Co-education
• Location	Urban
• Name of the IQAC Co-ordinator/Director	Dr. Smita Atul Acharya
• Phone no./Alternate phone no	07122040459
• Mobile	7720819520
• IQAC e-mail	iqacrtmnu@rediffmail.com

address					
• Alternate Email address	directoriqac@nagpuruniversity.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	<a href="https://nagpuruniversity.ac.in/writereaddata/fckimagefile/AQAR_19_20_02062021.pdf">https://nagpuruniversity.ac.in/writereaddata/fckimagefile/AQAR_19_20_02062021.pdf</a>				
4.Whether Academic Calendar prepared during the year?	Yes				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Four Star	3.08	2001	12/02/2001	11/02/2006
Cycle 2	B	2.61	2009	29/01/2009	28/01/2014
Cycle 3	A	3.08	2014	10/12/2014	09/12/2019
Cycle 4	A	3.01	2021	02/08/2021	10/08/2025
6.Date of Establishment of IQAC	08/09/2009				
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/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines	Yes				
• Upload latest notification of formation of IQAC	<a href="#">View File</a>				
9.No. of IQAC meetings held during the year	2				
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	Yes				
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No				
• If yes, mention the amount					
11.Significant contributions made by IQAC during the current year (maximum five bullets)					
1. Eighteen research collaborations were established with well reputed national and international Research Laboratories					
2.Effective implementation of LMS system for effective teaching-learning practice and ful academic					

autonomy for all teaching department of University	
3.Fifteen MOUs are signed with industries to promote industry-institute interactions.	
4.Received Approximately 187.7 Lakh worth grant from various funding agencies for research laboratory development.	
5.Overall 168 research publication for Scopus and Web of science journal of high impact factor with 24 National International patent.	
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
(1) Intelligence test of newly admitted students;	(1) All newly admitted students Intelligence test will be conducted by Psychological department. IQ level of the students are decided on the basis of the test.The data is provided to concern department to consider / decide slow and advanced learner..
(2) Induction / orientation program;	(2) All department have conducted induction program for newly admitted students, so that they are well aware with the atmosphere of university.
(3) One week Orientation program on IPR;	(3) One week orientations programme on IPR has been conducted by PGTD LAW department in association with IQAC, Various aspects related to Patents are discussed. The programme was arranged for Sem-III and Research students of university and affiliated college. Around 250 students+faculties have attended the programme.
(4) Science Week and science day program;	(4) Science week is celebrated by conducting various science based activities for students, such as Innovation Idea Presentation, designing and demonstration
(5) Cyber Awareness workshop;	(5) One day workshop on Cyber Crime and Cyber Awareness successfully organized
(6) LMS (Moodle) training program	(6) One Week workshop on Moodle based LMS for all Faculties of university has been organized. More than 200 Moodle site have been prepared by all faculties in the workshop.
(7) Worksop on Outcome based education	(7) Three day workshop on outcome based education
13.Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
IQAC committee	08/01/2022
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 AISHE	
Year	Date of Submission
2019	30/09/2019

### Extended Profile

1.Programme	
1.1	55

Number of programmes offered during the year:	
1.2 Number of departments offering academic programmes	47
<b>2.Student</b>	
2.1 Number of students during the year	3581
2.2 Number of outgoing / final year students during the year:	1689
2.3 Number of students appeared in the University examination during the year	1636
2.4 Number of revaluation applications during the year	0
<b>3.Academic</b>	
3.1 Number of courses in all Programmes during the year	1800
3.2 Number of full time teachers during the year	121
3.3 Number of sanctioned posts during the year	248
<b>4.Institution</b>	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	2695
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	2194
4.3 Total number of classrooms and seminar halls	120
4.4 Total number of computers in the campus for academic purpose	673
4.5 Total expenditure excluding salary during the year (INR in lakhs)	1292.25

Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University	
<p>The epicentre of curriculum designed by the stakeholders of the University is its mission, which emphasizes upon achieving academic excellence within its students in order to make them globally competitive. Being a state university, the RTM Nagpur University abides by the tenets of MPU Act 2016 for curriculum development.</p> <p>Based on feedbacks from stakeholders the curriculum preparation, revision and development is done as per statutory procedure, which allows inputs from Board of Studies, Academic Council, local industries, communities, alumni, subject experts, research organisations etc. The designing of curriculum has utmost relevance to local, regional, national and global developmental need with well-defined Programme Educational Objectives (PEO), Programme Outcomes (POs), Programme Specific Outcomes</p>	

(PSOs) and Course Outcomes (COs) which are based on the principle of Bloom's Taxonomy to equip the students with necessary knowledge, skills, values and attitude.

Professional courses are shaped as per the guidelines of respective apex bodies. Considering overlapping relevance of the diverse programmes, 35 reflect global relevance, 22 reflect national relevance and 10 reflect regional and local relevance. Curriculum development for all these courses is based on following aspects:

#### 1. Academic Flexibility:

- From 2015-16 onwards 84% of programmes are switched to CBCS pattern along with absorption scheme for the students from old schemes of examination.
- Choice of 42 Foundation Courses is provided for promoting interdisciplinary studies. 86% of the programmes have been restructured over last 5 years.
- Facility of digital learning, digital library and remote login to e-content is provided to teachers and students.

#### 2. Career Orientation:

- The syllabi for all courses are a blend of theory and practical subjects, which ensure imparting of transferable knowledge and life skills.
- Regional/National/Global/Local competences and scientific tempers are enhanced through special orientation programmes like Sericulture, Value Added Programme, Robotics, Pharmaceutical Science, Biotechnology, etc.
- Specific skills are encouraged through Braille books, Disability Law, Fine Arts, etc.
- Employability and comprehensive professional learning are endorsed by conducting various academic and practical activities.
- There is focus on designing courses for promoting research, innovation, incubation and linkages so as to uplift standard of living in society.

#### 3. Multi-Skill Development:

- Advanced learning through ICT initiatives like SWAYAM, e-PG Pathshala, latest pedagogical tools for teaching and learning, soft skills and job-based training is effectively implemented.
- Curriculum emphasises on community oriented field work, field projects, socio-legal projects, internships, case studies, etc.

#### 4. Issues of Diversity:

- Curriculum is precisely designed considering the need of tribal students and differently abled persons.
- Curriculum promotes a need and skill base that is socially, economically and culturally relevant.
- Courses like Artificial Intelligence, Machine Learning, Data Science, Biotechnology, Genetic Engineering, Professional Commerce and Intellectual Property Rights address diversified needs of the society.

#### 5. Feedback System:

- University gives due cognizance to the feedback received from its stakeholders, which includes students, teachers, employers and alumni.
- Feedback provides the necessary base and insight for identifying new demands of the industry, introduction of new courses, preparation of perspective plan, curriculum development, its revision and reorientation.
- Feedback being a regular ritual of the University, is collected from stakeholders, is analysed and reported for further actions

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

0.0

File Description	Documents
Upload the data template	No File Uploaded
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

73.98

File Description	Documents
Upload the data template	<a href="#">View File</a>
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

0.0

File Description	Documents
Upload the data template	No File Uploaded
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

0.0

File Description	Documents
Upload the data template	No File Uploaded
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

The University considers these three parameters as its foundational pillars which aim and support creation of a society that reflects inclusivity, dignity and respect for all. For achieving these aims, the university, through its various courses and programmes (both exclusively as well as inclusively in various courses, papers and modules), teaches and propagates values and reduces issues so as to build and educate a wellinformed and value based society. The following is the response:

1. Human Values and Professional Ethics:

- The University firmly believes and follows prophecy of Rashtrasant Tukadoji Maharaj, who propounded "ya Bharatata bandhu-bhav nitya vasude, de varachi asa de", which means 'themotherland will be blessed if we practice brotherhood and humanity amongst us'. Naming the University after 'Rashtrasant Tukadoji Maharaj' strongly indicates that the university is committed to promote his values through courses like Rashtrasant Tukadoji Maharaj Adhyasan.
- A course on 'Gandhian Thoughts' strongly infuses the principle of "ahimsa" and "sarvodaya" within the society. Courses like 'Dr. Babasaheb Ambedkar Thoughts and Buddhist Studies' promotes values of "sarvadharmasamabhava".
- Apart from exclusive courses, the university does conduct numerous courses and has programs like 'Masters in Human Rights and Duties Education', which promote human values.
- Professional ethics are inculcated through courses like Business Ethics, Media Ethics, Social Consciousness, Corporate Social Responsibility, Ethical Investment, Genetics and Ethical Issues, Technology and Ethics, etc.
- The academic endeavours of the University are supported by the active and enthusiastic NSS Unit.

2. Gender Sensitivity:

- Gender equality is being promoted not only by prescribing it in the syllabi but also by providing equal opportunity to students of both genders, so as to make them globally competitive.
- Focus has been made in identifying the core issues related to gender discrimination and also prescribing effective remedial solutions for removing these discriminations from the society.
- Exclusive courses for women are available in the form of 'Masters of Home Science' and 'Gender studies'.
- Equal opportunity is implemented specially by providing equal platform for learning to LGBTQ.
- Gender sensitisation and elimination of gender bias is encouraged through various curricular and extra-curricular activities like International and National Conferences, Seminars, Workshops, debates etc.

3. Environment and Sustainability:

- The study of concept of environment and sustainability is not confined to any particular discipline but it pervades through various programmes across all Faculties whether it be Humanities, Science and Technology, Commerce or Inter-disciplinary studies.
- Academic programmes like Ecological Degradation, Statistical Ecology, Environmental Biotechnology, Ecology and Foraging Economics, Master of Law in Environmental Law, etc.

- promotes environment and sustainability. Every year university observes the 'Swachhata pakhwada', wherein various academic and nonacademic activities related to cleanliness.
- Environmental sensitivity and social responsibility is imbibed in the students as well as teachersthrough cleanliness drives, rain water harvesting, use of renewable energy resources, etc.
- These courses equip students with constructive understanding of environmental issues and theirpossible solutions addressing the problem of environmental degradation.
- These curricula are well supplemented with regular outdoor extra-curricular activities like treeplantations and lake cleanings and indoor activities like elocutions, poster presentations etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

23

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

726

File Description	Documents
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Upload relevant supporting document	No File Uploaded

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

9

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 1.4 - Feedback System

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

- Any 3 of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

- Feedback collected, analysed and action has been taken

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

2834

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 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

1419

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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

Response: Learning is the process of acquiring new knowledge or modifying existing knowledge, behaviours, skills, values or preferences. In the class of 40 or 50 students, there is a co-existence of students having different levels of learning abilities. Some are quick or advanced learners and some are average; but some are little slow in their pace of learning and acquiring new skills - they are termed as slow learners. In order to identify formal slow and advanced learner, every PGTD has autonomy to conduct such assessment and define the 'advanced learners' and 'slow learners' based on the performance of students.

Admissions at PGTDs in the University are centralized and are done through CAP rounds. Students securing more than 70% are categorized as advanced learners and students scoring less than 50% are classified as slow learners. Special coaching / remedial classes are organized to bring them at par. This method is commonly followed by majority of the PGTDs of the University, especially by Faculty of Humanities.

In the light of the above, various science and technology PGTDs of the University assesses newly admitted students at the beginning of the academic session to check for their learning levels, so that they can be helped accordingly and a teaching methods can be planned based on their pace and needs. Case reports of Department of Pharmaceutical and Physical Sciences are discussed below:

In the year 2020-21, 950 students were assessed with the help of culture fair intelligence test by Cattel (CFIT). The average score is 100. Generally, above 100 is considered to be advanced learners whereas the students scoring between 70-100 are considered as average learners. The students who scored less than 70 are categorised as slow learners.

Following programmes and strategies have been advised to be implemented for slow learners and advanced learners:

Strategies for slow learners: Monitoring attendance:

It is likely that slow learners miss the classes. So, monitoring their attendance is necessary. A team of teachers is assigned to do this and whenever there is lack of attendance for a period of significant days, parents are informed accordingly.

Remedial activities -

Apart from regular lectures, remedial classes are arranged every day after scheduled hours and sometimes on weekend, considering special needs of slow learners. This is done so that these students do not lag behind others. In addition to the above, the University adopts various following action measures to address the issues of slow learners:

- Periodic Tests
- Assignments and Presentations with smaller targets
- Use of Audio-Visual Aids
- Parents-Teachers Meet
- Counselling Sessions
- Student Mentoring

Strategies to help advanced learners: The learning needs of advanced learners are different in nature. They need special attention to excel in domain knowledge and acquire better skills and attitude. In order to ensure this, the various departments of the University adopts various strategies such as -

- Assigning higher responsibilities to students
- Encouraging their participation in quiz and competitions
- Mentoring or assisting teachers
- Special Coaching for competitive examinations
- Career counselling for higher studies and research

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link For Additional Information	Nil



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

Number of Students	Number of Teachers
3581	121

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

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

Response: 1. Experiential learning Practices of Experiential learning through teaching-learning process adopted in RTMNU are: Students are encouraged to virtualize and rationalize new experimental ideas on the topics covered in class-room teaching by developing mini-projects/ case studies. Students are involved to design their own master experiments in every semester and develop computer simulation for the experiments

- Encouraging and guiding students for participation of national and international student conferences.
- Providing supervision and other facilities for publication of papers to non-paid SCI and approved Journals.
- Arranging study tours/ field visit/ industrial tours/ Advanced laboratory Visit/ hand-on-training on advanced instrumentations.
- Easily accessible free Wi-Fi throughout the main academic campus is also made available to students to facilitate them to work on their projects in order to enrich their experiential learning experience.

2. Participative learning RTM Nagpur University encourages its students for participative learning by providing them an opportunity to participate in various academic and extension activities, few of these:

- Learning through seminar and presentation in each semester on advanced and applied topics related to their discipline. Weightage of One credit per subject is also provided to students.
- Concurrently, the parameters for assessing students at department level (internal assessment) includes submission of assignments, open book test, viva-voce and group discussions to check their level of understanding about the subject.
- Most of the departments have students club. These clubs numerous co-curricular and extracurricular activities in addition to the extension activities.
- The University encourages participation of students in various extension activities organized by these clubs. This facilitates the overall development of students and helps them in acquiring life skills.
- The National Service Scheme (NSS) of RTM Nagpur University organizes social programs which engages students in various social activities. Such activities provide the students with opportunities to develop leadership, social responsibility, citizenship, volunteerism and employment experience.
- Apart from this, various Academic Departments of the university also organize activities such as Swachata Abhiyan, Adult Education, Voter Awareness Poster and Slogan-writing Competition, Gender Sensitization, Gender Equality which increases the social interaction of the students. This provides students with an opportunity to gain professional values, knowledge and skills.
- Students also gain a deeper understanding of the meaning of civic responsibility and are able to prepare themselves to serve the community.
- Students undertake group activities through such programs that are aimed at inculcating team-work skills among students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Response:

Keeping pace with technological development, the teachers of Rashtrasant Tukadoji Maharaj Nagpur University have adopted modern tools of teaching in addition to the traditional ones. With the advent of IT and availability of affordable LCD/DLP projectors, the teachers of almost all the departments have prepared power point presentations or animation depending on the subject matter. Under RUSA grant on infrastructural development, university established 24 smart classrooms, which are well equipped with LCD/DLP projector.

The teachers use videos available on You-tube to enhance the expression of their subject. They also share these videos among students after thorough screening. These videos, created by experts are easy to understand for students and nearer to the topic being taught in the class. Teachers are also well

acquitted to create their own YouTube lectures by using sources like OBS studio, Google meet. Apart from this, teachers make use of e-PG Pathshala, Google Classrooms, NPTEL, Swayam, Swayam-Prabha, UGC MOOCs, Sugamya Pustakalaya, Web OPAC and INFLIBNET for preparing the teaching material. Access to most of these resources is also made available to the students via a link on university website. This enables the students to access the learning resource as per his/her wish and convenience.

The teachers use various social media platforms like Research Gate and LinkedIn to connect with fellow researchers worldwide. This interaction with peers from other institutes enriches their knowledge, which ultimately benefits the students.

The library provides access to the journals and e-books to the staff and students of the University. In addition, remote login access to these resources is also provided to the teachers. The central library has taken necessary steps in digitizing very old literature and converting it into e-resources, which are made available on university website. The University Library has a Digital Knowledge Centre to provide access to e-books and e-learning resources to the students 24x7. Library has subject specific search engines/databases such as INFLIBNET, SciFinder etc. for searching a topic of research or academic interest. The Wi-Fi enabled campus encourages blended learning by way of providing access to website containing e-learning resources.

The e-resources enable the teachers to enrich their lectures on one hand, while on the other help the students to derive extra learning material for their studies. The departments have systems with softwares like SPSS, MATLAB, MathWorks etc., wherever they are required.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

#### 2.3.3.1 - Number of mentors

55

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

121

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 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

119

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

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

1664

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 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

3

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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****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**

22

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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	No File Uploaded

**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****Response:**

Response: RTM Nagpur University implemented IT in examination reform as recommended by Rajesh Agrawal Committee of Government of Maharashtra. Examination pattern of RTMNU is monitored by continuous internal assessment with end-semester external assessment. 100% automation in entire division of examination is implemented. The university offers 56 Programmes under four faculties. Every year, more than 4 Lakh students appear for the university examinations. With introduction of the semester pattern, the examination section workload was significantly increased, the work of revaluation/reassessment notwithstanding. In spite of depleted human resource, this huge challenge has been most successfully discharged by the University by adoption and integration of information technology at every step.

1. The Pre-Examination Activities: Registration for enrolment number, Filling of examination form, Faculty-wise and subject-wise list of examination-due students, Appointment of Examiners, Appointment of supervisors, issuing of hall tickets, etc.

2 Processes During Examination: Submission of Internal examination assessment report, Questions paper delivery, Students attendance report, etc.

3. Post-Examination Processing: Assessor and moderator appointment and delivery letters, Assessment tracking system, Result processing, Ledger printing, Result declaration and publication, Revaluation photocopy and emailing to concern applicant, etc.

4. Certificates Generation and Digital Delivery: Issuance of Mark-sheet, Transcript, Migration, Transfer certificate, Eligibility certificate, etc.

5. Ph.D. Cell: The dedicated Ph.D. cell is fully computerized. Aspiring students can seek information about the vacancies at different research centers and desired supervisors, online.

The Ph.D. Entrance Test (PET) is conducted in online mode since 2012 and Ph.D. registration forms are also available online. Ph.D. Evaluation Processing:

The scholar can access status of their thesis evaluation on a web portal developed for the purpose. Also, Android and IOS based Apps have been made available in this regard. Ph.D. notifications are also issued online at each month end.

On screen valuation was started from winter 2015 examinations. A scanning center having 128 operators and a capacity to scan 28000 answer sheets per day has been established. A dedicated valuation center is also established to accommodate 2,356 valuers. Appropriate security measures are put in place at both the centers. The center processes 8 Lakh answer sheets per academic session. From the year 2018, the University has been providing degrees in dematerialized form in association with NSDL.

The students can apply, online, for duplicate mark sheets, duplicate degree, eligibility certificate, migration certificate, transcripts, mark sheet verification, degree verification, change in name, provisional result, merit certificate, declaration of withheld result and certificate of date of result and retotaling.

The University has established a dedicated Student Facilitation Centre, where they can register their grievances that are then keyed into the student grievance system. Integration of MIS of all these systems has made it possible for the University's top authorities to access any of the required information.

In short, there is almost complete computerization of the examination related work of the university. On one hand this has helped strengthen the confidentiality and consequent credibility of examination and on the other hand it has made life of the learner and the administrator hassle free	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>2.5.4 - Status of automation of Examination division along with approved Examination Manual</b>	A. 100% automation of entire division & implementation of Examination Management System (EMS)
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>2.6 - Student Performance and Learning Outcomes</b>	
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	
<p><b>Response:</b></p> <p>The University, through its relevant authorities, has defined the Program Outcomes (POs) for all the PGPrograms offered by various PGTDs of the University. The program outcomes have been defined on the basis of the guidelines regarding Graduate Attributes (GAs) prescribed by concerned apex bodies of higher education such as UGC, AICTE, PCI, etc. These POs have both, the domain/program specific outcomes (PSOs) and the domain independent outcomes.</p> <p>In order to attain these outcomes, the Board of Studies for various subjects have defined the Course Outcomes (COs) for all the courses covered under these programs. Since the Board of Studies have representation of teachers, subject experts, industry practitioners and professionals, the Course Outcomes could be defined in more effective way. The revised version of Bloom's Taxonomy has been referred to by various Boards of Studies while defining the COs using action verbs.</p> <p>1. Communicating the POs and COs The University has a strong belief that every stakeholder, in general, and every student and teacher, in particular, is required to know and understand the course outcomes and hence a structured mechanism is followed by the University in this regard.</p> <p><b>1.1 Website:</b></p> <p>Website is accessible to all stake holders (students, faculty members, employers, university and parents). Hence it is the most effective platform to publish the course outcomes. Many students access the website of the University before taking admission to find out the details of the program and courses taught therein. The availability of course outcomes on website facilitates the students to relate her/his career objectives with program and course outcomes.</p> <p><b>1.2 Induction Program</b></p> <p>Every Post-Graduate Teaching Department (PGTD) of the University organizes a well planned induction program for every batch of incoming students in an interesting and innovative manner. The Program Outcomes and Course Outcomes of the particular program are communicated to the participants during induction program. With the advent of technology and in the interest of environment, these PGTDs have stopped printing of Induction Handbook and for the past two years it is being provided to students in a digital form.</p> <p><b>1.3 Library</b></p> <p>A copy of COs for all the courses is also available in the library, for students to refer.</p> <p><b>1.4 Classroom Discussion</b></p> <p>Every teacher is required to prepare her/his teaching plan for the complete course in line with the COs. The course teacher explains the COs to students in the introductory lecture so that the students understand the importance of studying a particular course and know the changes in knowledge/skill level it is expected to bring about. Effectiveness of teaching-learning is thus ensured.</p> <p><b>2. Outcomes and Evaluation</b></p> <p>The evaluation of students is done in two ways - (1) End Session Examination conducted by the University (80% weight) and (2) Internal Assessment conducted by the concerned PGTD (20% weight). It is ensured that the questions asked in the end session examination are framed in such a way that they are able to assess the attainment of prescribed COs.</p>	
File Description	Documents
Upload relevant supporting document	No File Uploaded

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

### Response:

The University has an established mechanism for measurement of attainment levels of Course Outcomes and Program Outcomes. Target levels and Attainment levels are set for all POs and gaps are identified. The required corrective actions for improvement are identified for each of these POs and are implemented within the mentioned time frame. All the PGTDs of the University follow identical assessment pattern, which comprises of 80% marks allocation to University End Session Examination and 20% to Internal Assessment (to be conducted by the PGTD). Total marks scored by a student in a particular course are considered for measurement of attainment of Course Outcomes.

1. Attainment of Course Outcomes: The criteria taken into consideration for attainment of outcomes take into account two factors - (1) the percent marks scored by a student in a particular course and (2) the average marks scored by students in last three examinations. The degree of attainment is defined at three different levels, mentioned hereunder:

Level I - If 40 - 49% of appeared students score more than the average marks (average of last 3 years), then the attainment is said to be achieved at level I.

Level II - If 50 - 59% of appeared students score more than the average marks, then the attainment is said to be achieved at level II.

Level III - If 60% or more appeared students score more than the average marks, then the attainment is said to be achieved at level III. PGTDs have been given autonomy to decide the target attainment levels for courses offered by them. However, most of the courses have level -2 as a target attainment level.

2. Attainment of Program Outcomes: The University adopts a combination of direct and indirect approaches for measurement of attainment of program outcomes. The direct measurement is done on the basis of average attainment level of course outcomes for all courses covered in the program. The indirect measurement is carried out on the basis of the structured feedback obtained from students, teachers, and alumni and in some cases employers of the students (after 3 years of graduation) is also proposed.

The direct approach of measurement i.e. aggregate of attainment of COs is assigned a weight of 75% while the indirect approach i.e. feedback obtained from various stakeholders is assigned a weight of 25%, while measuring the attainment level of POs. The feedback is obtained on a five point scale and the average rating obtained is given the assigned weight.

### 3. Attainment levels for attainment of PSOs/PO

Level Parameter Remark  
1 Score of less than or equal to 1 Below Expectations  
2 Score of greater than 1 but less than or equal to 2 Meeting the Expectations  
3 Score of greater than 2 but less than or equal to 3 Exceeding the Expectations

### 4. Corrective Actions

In a case where the course outcome is not attained, the teachers are asked to identify the gap and are advised to provide remedial coaching to the students in order to facilitate them in attaining the outcomes.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

1636

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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://nagpuruniversity.ac.in/index.php/Contentpage/index/Ri8waHZ1dEVTZnhTWlZjPQ%3D%3D/en>

## 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

Response:

RTM Nagpur University is committed to promote research culture by encouraging research initiatives in life sciences, physical, chemical, mathematical sciences and humanities. The prime objective is to address global, national and regional challenges by conducting relevant and quality research. The core intention of research policy of RTMNU is (i) to create positive and healthy environment for research, (ii) to guarantee faculties and Research scholars and students certain degree of freedom and (iii) to channelize research activities on one platform.

1. Few Key features of the policy are:

- Support and motivate faculty and students to develop and enhance research potential by organizing and participating national and international conferences, seminar, symposia, faculty development programmes and workshops.
- Foster a culture of innovation and outcome based research.
- Provide flexible infrastructural facilities for research. Encourage and facilitate research collaborations within different Institutes of the University along with reputed institutes, Universities and research organization both in India and abroad.
- Enhance overall research funding - extramural and intramural Promote entrepreneurship culture amongst students.
- Translate new knowledge, innovations and technologies and tools emerging out of research conduct into products and processes for commercialization or societal benefit.
- To realize this, university has its own well-defined Research policy

2. Expansion of existing policy

- Facilitate increase in financial support from external sources like government funding bodies, industries and national and international funding agencies.
- Enhanced seed money for newly appointed faculty in RTM Nagpur University
- Create roadmap for Research and development in University.
- Provide financial support to sharpen research skill of the faculties and students continuously by organizing hands-on workshop on: research methodology, writing research proposal, writing good publications, ethical practices in research.
- Up gradation of central instrumentation facilities/ departmental central Research facility.
- Create Separate Research portal on university website and continuous upgradation after every six month.
- Travel grant support for faculties and students to participate in conference, Seminar workshop.

3. Incentives for Research

3.1 Regular appreciation of University faculty in the form of Certificate of Recognition is given on the basis of excellence in Research including publications, extramural grant, patents, collaboration with industry, other recognition etc.

3.2. Best young Scientist Award for Research Scholars in the form of Certificates of appreciation is instituted for the student showing exceptional performance in research.

3.3 Special research grant may be sanctioned for exceptional research performance, filling patent and technology transfer to industry.

3.4. Financial support to outcome based research on regional/rural development.

3.5. Support for Eminent visitors from renowned institutions in India to deliver talk or series of lectures.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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	No File Uploaded
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

5

File Description	Documents
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Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

12

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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)**

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

187.81

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

0.041

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

**Response:**

The institute has created an appropriate ecosystem for Research and Innovation and has taken initiatives for creation & dissemination of knowledge by establishing state of the art research infrastructure and associated activities. The specially intended initiatives are:

**1. Strengthening of Research Infrastructure:**

- Research infrastructure in the University undergoes a constant renewal and upgradation in order to serve the ever changing needs of research.

- During last-five years, the University has made an investment of Rs 53.5 crore in modernizing laboratory space, air-conditioning of laboratory, installing LED lighting and fire safety measures.
- Upgradations of computer networking, server system and high speed internet has been a regular feature in the University. Multi facility centre is under construction for which the funds of Rs. 20 crore were provided by RUSA. This shall also include the availability of new space with all modern infrastructures for multidisciplinary research in emerging areas.
- The major support programme of nodal agencies mainly DST-FIST, UGC-SAP, SERB, DRDO, CSIR, DBT, RUSA are being run in almost every science department of the university. Major Research equipments and facilities are developed from the funding facilitate advanced research in university.
- The Research equipments and infrastructure of RTMNU is comparable to best research facilities in the world.

## 2. Protection and transfer of knowledge

- An Intellectual Property Rights (IPR) cell has been established by the university. The IPR cell regularly conducts awareness programmes for faculty, students and research scholars on patents, copyrights, trademarks and other areas related to IPR.
- The University has grown protected medicinal plants and herbal plants, where students get experimental learning opportunities.
- University conducts regular hand-on-training on advance research instrumentations and related data interpretations techniques and softwares.

## 3. Startup Initiatives:

- University has started an incubation center, whereby it promotes startup activities by giving in-house training to students aiming at entrepreneurship.
- Maharashtra State Innovation Society (MSInS) has sanctioned a grant for this center for 'infrastructure and seed funding' to the tune of Rs.5Crore, which is to be disbursed in next five years.
- Besides this, the University has also a made provision of Rs.60 Lakhs in budget in the current year and Rs.1.2 Crore for the next financial year.
- This grant is planned to be used for the development of 'Fabrication Lab'.
- Nagpur Municipal Corporation (NMC), in collaboration with the RTM Nagpur University, has organized a Mayor Innovation Award to promote innovation in the society. The finalist will be getting a chance to incubate her/his idea and develop it into an entrepreneurial project at the RTM Nagpur University's Incubation Center.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

#### 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

File Description	Documents
Upload the data template	No File Uploaded
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

3

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 3.4 - Research Publications and Awards

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

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

A. All of the above



<ul style="list-style-type: none"> <li>Inclusion of research ethics in the research methodology course work</li> <li>Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)</li> <li>Plagiarism check</li> <li>Research Advisory Committee</li> </ul>	
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File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>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</b>	<b>B. Any 3 of the above</b>
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File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>3.4.3 - Number of Patents published/awarded during the year</b>
<b>3.4.3.1 - Total number of Patents published/awarded year wise during the year</b>
<b>27</b>

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>3.4.4 - Number of Ph.D's awarded per teacher during the year</b>
<b>3.4.4.1 - How many Ph.D's are awarded during the year</b>
<b>524</b>

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year</b>
<b>1.37</b>

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>3.4.6 - Number of books and chapters in edited volumes published per teacher during the year</b>
<b>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</b>
<b>45</b>

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

<b>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</b>	
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File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<b>3.5 - Consultancy</b>
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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

Response:

RTM Nagpur University has a consultancy policy since 1977 to promote the use of its infrastructural and intellectual resources for serving external organizations, agencies and individuals. The objectives of the policy are :

(i) To ensure easy accessibility of university's sophisticated research resources to teachers, technical staff, research scholars and students; (ii) To Expose the concerned stakeholders with advanced technology to get valuable experience;

(iii) To foster linkages with industries and external organizations;

(iv) To generate revenue from the available research resources to compensate maintenance expenses and encourage faculty members for consultancy.

The policy provides guidelines to streamline and enable all consultancy services offered by the RTM Nagpur University, Nagpur. Activities covered under the consultancy services of RTMNU:

- Experimental data generation and analysis of samples received from researchers working in University, affiliated colleges, research institutions and industries.
- Initiate, encourage and provide expertise for advanced level research in high priority areas.
- Organize a pool of experts from various scientific disciplines and make them available for research related interactions.
- Conduct specialized training workshops for scientific and technical personnel for upkeeping, maintenance and essential servicing of instruments.
- Provide common platform for organizing short-term courses and workshops on sophisticated instruments as well as imparting hands-on training to research scholars, teachers, students and personnel from other laboratories, universities and industries.
- Contribute in teaching of formal courses on instrumentation conducted by other departments/agencies.

Type of consultancy

a. University Research Consultancy

- A Research Consultancy, where an academic staff member of the University is engaged in providing research skills and experimental expertise by using university research infrastructure in return for remuneration from an external funding agency/industry.
- Sharing valuable infrastructural and intellectual resources such as routine laboratory and other testing of materials, devices, products or produce; analysis of data; surveys including market and opinion surveys; quality control audits; field trials and the provision of professional advice including possible expert witness advice. This would include, but not limited to, providing solutions of the prevailing problems of the Industry / Institution, guidance for establishment of R & D unit, guidance for initiation of new research programme / strengthening existing research programme, etc.

b. University Functional Consultancy

- Participation in fee-paying non-award courses, and community service activity undertaken by members of staff for charity, community or public purposes.
- Guidance for drafting research proposals, IPR awareness etc, guidance for quality enhancement in teaching learning process and research & development, arranging special training sessions for academic institutions / industries / corporate sector.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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)

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

Response: In alignment with its mission, and following the primary teachings of Rashtrasant Tukadoji

Maharaj, the RT M Nagpur University has always been instrumental in carrying out extension activities. This has always facilitated the University in sensitizing students and ensuring their holistic development. At R T M Nagpur University, National Service Scheme (NSS) is the primary vehicle to plan and execute its extension activities.

Main aim of the NSS is to provide opportunities to the College going youths for their personality development through community services and motto of the NSS is "Not Me But You".

1. Regular Activities Under regular activities, NSS Cell of the University conducted different kinds of extension activities for sensitizing the community through sensitizing the NSS volunteers (Students) on various social issues. Activities conducted were at two levels i.e. college level and district/ University level. Few of the prominent regular activities include Voter Awareness Programmes, street plays, drama competitions & Rallies, Save Water Rally, Road Safety Programme, Run for Unity, Workshop on Life Skill Development and Career Counselling, Save Food Campaign, Voters Day, State level Road Safety Award Ceremony, Nirbhaya Security of Girl Child Campaign (Self Defence Training), Clean India Workshop, School Dropout Survey, International Yoga Day, Organ Donation Campaign, Vriksha Dindi, Vyasana Mukti Rally, Clean India Week, Sadbhavana Week, Save Water, Aids Awareness Programme, Cashless India, Water Run, Marathi Bhasha Gaurav Din, Malaria & Filaria Control Programme, Dengu Pledge, Say No to Plastic Programme, Mock drill on Disaster etc. in the nearby communities of the university and its affiliated colleges.

2. Special Camps Under special camps university conducted College Level Special Camps on different themes like, Shramdaan (Chek-Dam Construction, Road Construction), Swachha Bharat Abhiyan, Youth for Community Development, Youth for Unity and Integrity, Eradication of Superstition etc. All these activities were conducted in collaboration with other departments of the University, Government agencies like district collectorate, Zilla Parishads, Panchayat Samiti, Gram Panchayats, Police Commissionerate, Health Department, Municipal Corporations, Municipal Councils and Non-Government Organizations like, Gayatri Pariwar, Pathfinders Charitable Trust, Indian Development Foundation, Maharashtra Officers Forum, Stree Shakti Sangathan etc.

These activities have direct and indirect impact on the lives of participating students, teachers and the community people. Direct impact is seen on the participating volunteers and teachers as they go to opportunities and platform to exhibit their talents and to enhance their knowledge, skills and develop proper attitude towards the society leading towards change in their personalities. Indirect impact can be seen on the common man/ community people as they become aware of various social/community issues and were able to control and solve their problems on their own. It is seen that students associated with NSS are away from tobacco consumption, increase in voting percentage, cleanliness in the premises of the camps organized and the villages. It is also seen that most of the villages awarded with district, state level awards for cleanliness and tanta mukti are adopted by the university and affiliated colleges. NSS volunteers functioned as a change agent through extension activities conducted by the University.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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)**

22

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

28104

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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 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

43

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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.

Response: Rashtrasant Tukadoji Maharaj Nagpur University was established on 4th August, 1923. Presently, the University comprises of thirty-nine Post-Graduate Teaching Departments (PGTD), three Constituent Colleges/Institutions (Law College, Laxminarayan Institute of Technology and College of Education). More than 500 colleges are affiliated to the University. The Departments and conducted college/Institution buildings are spread over in 7 campuses with an overall area of 327 acres. Several undergraduate, postgraduate and doctoral programs, under various faculties, are run through the above- mentioned PGTD, Conducted Colleges and Affiliated Colleges.

With all the departments put together, the University has 25 moderate capacity seminar halls. There is an auditorium of around 400 seating capacity (Gurunanak Bhavan in the University's LIT Campus), an auditorium of around 250 seating capacity in the Pharmacy Department in Amravati Road Campus premises, a big hall for the cultural event in the LIT premises, a convocation hall in the administrative building and two big halls at Law College and Gandhian Thoughts Department, respectively. There are more than 240 classrooms, of which, majority possess LCD projector facility to aid the teaching process. In addition, there are seven smart classrooms with interactive board facility and one virtual class room at LIT campus.

The University also runs a diploma course in Robotics, in association with the Oberoi Robotics Center, and possess three robotics laboratories in the Amravati Road Campus premises. The University has a centralized instrumentation facility, wherein the following instrumentation is available: LCMS, GCMS, TGA-DTA, XRD and Leaf Analyser. Apart from this, various other instrumentation facilities are available at various departments, namely, BET surface area analyser, LCMS-MS, Gamma Irradiation Facility DSA, Rheological Analysis, Vapor Pressure Osmometric Analysis, Electrical Conductivity Analysis, SEM, EDAX analysis, HPLC, UV-Vis Spectrophotometers, etc., which are unique facilities with the University, in the entire Central India region. The University has two major state of the art libraries - one is at Ramdaspath, Nagpur and the other is in the Amravati Road University Campus. Dr. V.B. Kolte, alias Bhausaheb Kolte Knowledge Resource Centre, North Ambazari Road, Ramdaspath, Nagpur, has a building with two floors with a total floor area of 57,480 sq.ft. and it provides a stacking capacity (in 4 tiers) to hold approximately 3,50,000 volumes and accommodate 250 students in its reading rooms. The Knowledge Resource Centre, University Campus (Campus Library) is a branch of the University Knowledge Resource Centre and is named as 'P.V. Narsimharao Granthalaya Bhavan'. A large number of volumes and an entire manuscript section was transferred to this Knowledge Resource Centre, University Campus. Besides this, there are various departmental libraries also. The University's main Knowledge Resource Centre (KRC) procures books for both Knowledge Resource Centre, University Campus and departmental libraries. KRC has taken membership of Sugamya Pustakalaya, an online library for blind and print disabled. To avail the facility of Sugamya Pustakalaya, the intending users need to visit either the KRC situated at Ramdaspath, Nagpur, or University Campus, Amravati Road, Nagpur, with their disability certificate.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Response: The university has a sports complex spread over 7 acres of land. The sports complex has facilities to transport persons in several outdoor and indoor sports, with proper facilities like illumination with flood lights, etc.. These facilities are also utilized to organize sports competitions. Similarly, the university has an auditorium to organize the cultural events.

1. Outdoor facility 1.1 Athletics: The University sports complex has 8 laned Standard Cinder athletics track with flood-lit facility to organize races. This would soon be upgraded with a synthetic track facility. Additionally, the facility includes High jump pit, Javelin throw sector, Pole vault field, Shot put sector and Discus throw sector.

1.2 Football- The University sports complex has a standard grass Football ground to train budding players and to organize matches. Basket ball- The university has 2 basket ball courts with flood-lit facility. University runs a full time coaching under sports Authority of India (SAI) Training Centre. 1.3 Volley ball- The university also has two Volleyball courts with flood-lit facility. 1.4 Kabaddi and Kho-kho- With a commitment to popularize indigenous/local games, the University has developed and maintains two grounds for kabaddi and kho-kho (one each). This has resulted in attracting students towards indigenous sports. 1.5 Multipurpose facility- The University sports complex also has a huge ground to organize sporting events for Handball, Baseball, Softball, Netball and Korfball.

2. Other playgrounds- The University campus on Amravati road has three more playgrounds. These are used by students of the teaching departments of campus to play at leisure and during annual days. Similarly, each hostel in the university also has a play ground for their inmates to play.

3. Indoor facility 3.1 Badminton- The complex has a hall with 4 wooden badminton courts. 3.2 Gymnasium- The indoor facility has a multipurpose gymnasium. 3.3 Yoga- Yoga sessions are conducted for awareness, self-regulation, spiritual development and higher consciousness of individuals, at the Department of Gandhian thoughts. 4. Cultural activities Guru Nanak Bhavan is a complex that houses the University auditorium. It is used for conducting cultural events and competitions. The Students Welfare Cell of the University organizes 'Yuvarang', an annual cultural extravaganza, here, the students from various university departments and affiliated colleges participate. 5. Accommodation: The university has a sports hostel for girls participating in various competitions.

6. Sharing of facility- The University shares its sports facility with schools, colleges and Sports federations to train their players and to organize sporting events.

#### Sports areas

Sr. No.

Facility

Size

Number of players using the facility

1. Multipurpose Gymnasium Hall 829.24 150 2. Basket Ball Ground 2551.12 100 3. Ground for Multipurpose activities 11598.51 200 4. Sports Hostel 374.11 300 5. Indoor Badminton Hall 921.09 200 6 Athletics track 4419.02 500 7 Football ground 8348.03 150

University has always encouraged cultural, sporting and extracurricular talent of its students. As a result, it regularly organizes various cultural events and youth festivals, at State and University level. Many students of RTM Nagpur University have excelled in various National level competitions during last five years.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.3 - Availability of general campus facilities and overall ambience

Response: The Departments and institutions of RTMNU are spread across many campuses in and around the city. These campuses are geographically located at a convenient distance of less than 5 -7 km distance from the airports, railway stations & bus depot. The RTMNU campus provides an effective ambience for curricular, extra-curricular and administrative activities.

1. National Heritage Building: The University's administrative campus is located at the heart of the city. This campus has the University's age old proud building which has been recognised as a National Heritage Building. The building has a proud 'Convocation Hall' which has been earlier used for convocation of graduates and now hosts the meetings of Senate, Academic Council, etc. 2. Green Campus: The campus of RTMNU is the reflection of preservation of biodiversity and protection of environment. RTMNU promotes plastic free campus and encourages use of cycle within the campus. Campus is spacious having ample of parking space, multiple playgrounds & well maintained gardens. 3. Residential Facility: RTMNU provides 40 residential homes for its employees. Three boys' hostel having 785 accommodation capacity and one girls' hostel having accommodation capacity of 291 students. The Nelson Mandela hostel is exclusively meant for foreign students. 4. Health & Hygiene: Health Care Centre having medical officers and supporting staff provide facilities to both teachers & students. All departments are equipped with first aid facility and in some sanitary pad vending



machines are also installed. RTMNU has a well-equipped gymnasium, sports complex for promoting fitness in its students, employees & their families. 5. Administrative Infrastructure: Separate premises and building is available for examination section. Separate departments like Finance & Audit, store, development section, BIL, Printing Press and Engineering Section are available within the campus. 6. Public Utility Services: Bank of India RTMNU campus branch, Indian Postal Services office branch, Aadhar Kendra like utility service offices are functioning within RTMNU's Amravati Road campus for its stakeholders. 7. Food & Water: There is one common canteen at academic premises and multiple snacks vending machines are installed in various departments. Every department has water filter coolers which are providing clean & potable water to all. 8. Connectivity: All departments are well connected with each other as well as with the administrative and examination buildings through good quality roads and pathways which are completely disabled friendly. 9. Reading & Learning: RTMNU provides 24\*7 reading room for its students. It has one digital library and one main library along with departmental libraries (these are functional in every department). The university also runs hobby centres for its students & employees. All India Radio's programme "GYANWANI" is transmitted from the RTMNU campus. 10. Safety & Security: Whole premises of RTMNU are under CCTV surveillance and are 24\*7 guarded by multiple security guards at every location. The campus does have required number of lights inside and outside the departments, on the roadways and footpath so as to have vigilance during night. 11. Spiritual Practices: Rashtrasant Tukadoji Maharaj Adhyasan Kendra daily performs Prayers called "Vandana" both in the morning and evening. The centre also provides facility for performing YOGA to all its stakeholders

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

1292.25

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

Response: Nagpur University Library, recently renamed as "Knowledge Resource Centre" by the Maharashtra Public University Act, 2016 started its automation in 1996 using Integrated Library Management System called LIBSYS on Unix platform. Since then, the Library has computerized all its housekeeping operations like Acquisition, Accessing, Cataloguing, Serial Control, Reports, Enquires, etc. while also introduced IT based services like OPAC, WebOPAC, Internet, e-Resource, SMS Alerts, emails, etc.

All efforts have been taken to continuously update the services and upgrade the hardware and software along with necessary networking infrastructure. A brief description of Automation of Library is given below: 1. Creation of Bibliographic database of Library: More than 4 lakh bibliographic records have been created using ILMS which contains entire collection of the library. 2. OPAC/WebOPAC: All library collection including books, Journals (Bound volumes & Currents Journals), Theses, Reports, Conference proceeding, etc. have been made available on the OPAC and Web OPAC. 3. Interconnection: There are two libraries under University library, namely, Dr. V. B. alias Bhausaheb Kolte Library and Campus Library which are 5 Km apart. Both Libraries are connected on WAN and have access to Web based ILMS. 4. Internet and NKN: The library has installed 1 GBPS Link under NMEICT and NKN has also been commissioned in 2011. Access to high Speed 1 GBPS Internet Link is available in the Library.

5. e-Resource: The library has an access to more than seven thousand Full Text e-Journals and 4 e-Database accessible under e-Shodhsindhu.

6. Department access: All the departments are connected to the library over Campus LAN installed under NMEICT. 7. Remote Login: "Remote Login" facility is given to all the research students and faculty to remotely access licensed e-resources. 8. RFID technology is implemented in the library. 9. "Shodhganga" scheme is being implemented in the university and the library is using URKUNDA anti-plagiarism software for checking PhD Theses and research papers. 10. Programmes: Regular user Orientation and User Awareness Programmes are conducted in the library. 11. e-Resource Labs: Three labs have been established in the University Library, Viz. (a) e-Resource lab for PG Students in Campus Library (b) e-Resource Lab for Research Scholars & Faculty in Campus Library and (c) e-Resource Lab for students in Dr. V. B. alias Bhausaheb Kolte library. Each lab is equipped with around 45 computers, Printers, Scanners, 1GBPS Internet Link and e-Resource including Full Text e-Journals and e-Books. 12. University Library has purchased and made e-Books, e-Journals and e-databases available to its users.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

##### 4.2.2 - Institution has subscription for e-Library resources

Library has regular subscription for the following: e - journals  
e-books e-ShodhSindhu Shodhganga Databases

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

6.59

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

1266

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 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

97

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

Response: MPU Act, 2016, governs the University, which has a provision of Board of Information Technology under section 49 and 50 defining its roles and responsibilities. In order to ensure the effective functioning of the Board of Information Technology and to provide uninterrupted IT services to its stakeholders, the University has an established IT policy.

##### 1. Purpose of the IT Policy

- Basically, the University IT policy exists to maintain, secure, and ensure legal and appropriate use of Information technology infrastructure established by the University in the campus.
- This policy establishes University-wide strategies and responsibilities for protecting the Confidentiality, Integrity, and Availability of the information assets that are accessed, created, managed, and/or controlled by the University.
- Information assets addressed by the policy include data, information systems, computers, network devices, intellectual property, as well as documents and verbally communicated information.

##### 2. Scope and Coverage of the IT Policy

It is an established fact that with the advent of technological developments, the effectiveness of any higher education institution is reflected in its IT infrastructure. Hence, the RTMNU has ensured that a wide variety of IT related infrastructure and services are covered under its IT policy. The primary areas that are covered under the policy are -

- IT Hardware Installation
- Software Installation and Licensing
- Usage of Network (Intranet & Internet)
- Usage of Email Accounts
- Website Hosting
- Usage of University Database

It may be noted that university IT Policy applies to technology administered by the university, centrally or by the individual departments, to information services provided by the university administration, or by the individual departments, or by individuals of the university community, or by authorized resident or nonresident visitors on their own hardware connected to the university network. This IT policy also applies to the resources administered by the central administrative departments such as Library, Computer Centers, Laboratories, Offices of the university recognized Associations/Unions, or hostels and guest houses, or residences wherever the network facility was provided by the university.

##### 3. Key Provisions of the IT Policy

- **Procurement of Hardware and Software:** The policy mandates for an appropriate budgetary provision for procurement in consultation with the Board of Information Technology.
- **Upgradation of IT Infrastructure:** The policy has a clearly defined mechanism for upgradation of the IT infrastructure of the University. However, the proposals for such upgradation are required to be endorsed by the Board of Information Technology.
- **Usage of the IT Facilities:** The policy has clearly defined the users of its IT infrastructure and the purposes for which this infrastructure can be used. Procedures for sharing of resources are also clearly defined in the policy.
- **Warranty & Annual Maintenance Contract:** Computers purchased by any Section/Department/Project should preferably be with 3-year on-site comprehensive warranty. After the expiry of warranty, computers should be under annual maintenance contract. Such maintenance should include OS re-installation and checking virus related problems also.
- **Non-Compliance:** In case, any of the user/stakeholder is reported/found to be non-compliant with the provisions of this policy, he/she shall be held responsible as per the provisions of this policy.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Number of students	Number of Computers available to students for academic purposes
3518	673

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

- $\geq 1$  GBPS

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Upload the data template	<a href="#">View File</a>

#### 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

520.75

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

##### 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.

**Response:** The R T M Nagpur University has specific departments to maintain and utilise its physical, academic and support facilities. The maintenance and upkeep of infrastructure facilities in the University is looked after by the Estate Officer.

- He monitors the housekeeping work of campus premises including office premises, classrooms, auditorium, quarters, hostels, etc. and also takes care of the campus beautification.
- The maintenance of equipment like generator sets, general illumination, power distribution system, solar panels etc. and also maintenance of equipment for water pumping plants, sewage, etc., are undertaken as per the preventive maintenance schedules in accordance with guidelines provided by the equipment supplier.
- Surveillance and CCTV cameras and other security equipment are maintained by IT department through the equipment providers.
- Teaching aids such as LCD Projectors, PA systems, laptops, desktops, printers, Wi-Fi, etc., are maintained by respective departments.
- Fire fighting equipment in various blocks, classrooms, laboratories, hostels, offices, etc., are maintained.
- University vehicles (viz. Cars, Tractors, Jeeps, Tempo, etc.) are maintained by the transport department of the University.



#### Civil & Electrical Maintenance:

Executive Engineer of the University carries out the civil and electrical maintenance work, supported by his team of Assistant Engineer (Civil) and Jr. Engineer (Electrical). The civil and electrical maintenance of the entire campus is monitored and executed by the Executive Engineer. Laboratory Equipment:

- Equipment and machinery in various laboratories of the University and its departments are maintained by
- the Laboratory In-charge under advice of Head of Department. Inter Institutional Computer Centre receives support for computers, software and UPS maintenance from a Technical Cell, headed by Library Science Department. This provides integrated IT services for smooth running of IT related equipment and website upgradation of the University. Library: RTM Nagpur University's Knowledge Resource Centre is headed by a Director, who is supported by Dy. Librarian, Information Scientist, Assistant Librarian, Library Assistant and Library Attendants. All assistance for searching and lending of books and knowledge resources in the library is done by the concerned staff for facilitating students and employees. Health Centre: Health Centre of the University is headed by a Medical Officer, a pharmacist, a Clerk and other paramedical staff. Free medical treatment and free medicines are provided to students of the University. Requirements of University employees, sporting activities and emergency medical aid to students is provided, round the clock, through the Health Centre. Sports: The Sports Wing is headed by Students Welfare Department, which is supported by few Sub-Committees. Sports facility of all kind, including 400 Mt cinder track, play grounds for Khokho, Kabaddi, Volleyball, Handball, Football, Hockey and Cricket, indoor halls for Table Tennis, courts for Basketball and Tennis, international standard Badminton courts, Sports gallery around the sports pavilion, Basketball pavilion, flood lit courts, swimming pool and multipurpose gymnasium are shared among all desirous players from various departments of the University. Maintenance and repairs expenses are incurred and accounted for as per accounting code of Maharashtra Public Universities Act. Accordingly, maintenance and repairs expenses of less than Rs.5,000/- are made by the Head of respective department/section, expenses between Rs.5,000/- and Rs.3,00,000/- are done by inviting quotations and for expenses of more than Rs.3,00,000/- e-tendering process is followed.
- 

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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)

1331

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

0.0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

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	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

• All of the above

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	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>5.2 - Student Progression</b>	
<b>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)</b>	
<b>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</b>	
0	
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded
<b>5.2.2 - Total number of placement of outgoing students during the year</b>	
55	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year</b>	
0.0	
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded
<b>5.3 - Student Participation and Activities</b>	
<b>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</b>	
0	
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded
<b>5.3.2 - Presence of Student Council and its activities for institutional development and student welfare</b>	
<p>Response: As per the Maharashtra Public University Act 2016, section 72(10) and Section 99 (10), formation of Student Council is compulsory before the 30th September of every Academic Calendar year. The University has an active Student Council which is constituted according to the provisions made in the MPU Act. The Student Council is a very active body of students, as can be gauged from the following functions it performs:</p> <p>Functions of Students Council:</p> <ol style="list-style-type: none"> <li>1. to look after the welfare of students;</li> <li>2. to promote and coordinate the extracurricular activities of different students' associations and committees which are constituted at the university level, like Art Circle, Gymkhana Committee, Elocution and Debate Committee, Literary Committee, etc.;</li> <li>3. to promote democratic outlook, civic sense and spirit of oneness amongst students;</li> <li>4. to inculcate a sense of moral and humanitarian values and nationalism among students;</li> <li>5. to promote sense of belonging and commitment to betterment of society and State;</li> <li>6. to promote and maintain discipline among students on campus;</li> <li>7. to organize various activities for promoting cultural, social and personality development of the students;</li> <li>8. to proactively assist in resolving difficulties and grievances of the students within its jurisdiction;</li> </ol>	

9. to suggest innovative ideas and schemes for students' welfare to respective competent authorities;
10. .to contribute in developing goodwill and perception about theUniversity/ college/ institution in the society;
11. to suggest to the administration of the University/college/institution aboutappropriate steps to be taken regarding discipline, security and safety issues of students;
12. to suggest appropriate measures for elevating quality and excellence ineducation;
13. to promote more participation of students in different events such as sports, culture and otheroutreach programmes;
14. to strive for provision of the basic amenities and facilities to the students;
15. to assist in the process of framing and implementation of different types of feedback mechanisms;
16. to prepare the annual report of activities of the Student Council and submit the same toPrincipal/Director/Pro-Vice-Chancellor, as the case may be, with a copy to the Board of Students'Development of the University;
17. to perform such other functions and duties as may be assigned to it by thePrincipal/ Director/ Pro-Vice-Chancellor, as the case may be, from time to time.

#### Role of Student Council in academic and administrative bodies:

The Student Council is a vibrant body of students and plays a decisive role in a variety of matters of theUniversity. There is direct representation of students on important bodies including the academic &administrative bodies/committees of R.T.M Nagpur University. The elected President and Secretary of theStudent Council become the ex-officio members of following statutory bodies of the university.

1.The Senate

2.The Management Council

3.The Board of Students' Development

4.The Board of Sports & Physical Education

5.Students' Development Cell.

The Student Council is not only instrumental but plays a vital role in organizing Youth Festivals such asIndradhanushya, Avishkaar and Avhaan, which mobilises students from various colleges, institutions anddepartments of the University.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 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

RTM Nagpur University has a registered Alumni Association bearing Registration No. MH-692/14 (N) dated 23rd August 2014. The University has a strong base of Alumni and close link between the Alumni, staff and students. There is a wide list of RTMNU alumni who have given valuable contribution in NationBuilding. Few of them are Late Justice Mohammad Hidayatullah, Former Vice-president of India, Late PV Narasimha Rao, Former Prime Minister of India, Shri Nitin Gadkari, Union Transport Minister, DrShekhar C Mande, Shanti Swaroop Bhatnagar Award winner, Director CSIR, Shri Sharad Arvind Bobde, 47th Chief Justice of India, Shri Devendra Fadnavis, Ex-chief Minister of Maharashtra and many more.Current Executive committee of RTM Nagpur University's Alumni Association:

Sr No Name of executive members Executive Post 1 Shri Nitin Ronghe President 2 Dr A D Choudhary Vice-president 3 Shri Sudhir Palliwal General secretary 4 Shri Amjad M Khan Joint General Secretary 5 Shri Abhishek Agrawal Treasurer 6 Adv Chandragupta Samarth Ex Committee member 7 Dr Rajkumar Rathi Ex Committee member 8 Shri Sushil Fatepuriya Ex Committee member 9 Shri N V Subramaniam Ex Committee member 10 Shri Avinash Pendse Ex Committee member 11 Adv Sangeeta Mishra Ex Committee member

The few notable contributions of Alumni through various means are: 1. Alumni Mentorship: The university frequently invites the members of Alumni association for guest lectures and to sharetheir work experience. As RTMNU alumni have a broad experience of working in various organizationsacross various fields of activities, they provide career guidance and help students to choose better field

asper their career aspiration. They also help students by providing summer, winter internship project ensuring experiential learning of students.

2. Alumni as Academic Advisory: Alumni feedback is taken to enrich the course curriculum as per the changing regional, social, national and international scenario. Their valuable suggestions help the University to develop the innovative syllabus and course curriculum for various programs.

3. Monetary and Non-monetary Contribution: The Alumni Association actively provides monetary contribution for student welfare and renovation of laboratory and infrastructural facilities i.e. Auditorium renovation, ICT at class rooms, books for needy students etc. The Alumni regularly contribute to the development of university in various capacities. Alumni help to get official permissions to visit highly advanced government laboratories and industries for educational visit, which are not easily accessible for students and general public.

4. Alumni meet:

Every year university organizes Alumni meet to provide platform to share Alumni feelings and experiences with students, faculties, administrators of university.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

A.  $\geq$  5 Lakhs

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 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

The governance of the University has been structured to ensure effective leadership at every level of its operation and is in tune with the vision and mission of the University. The vision of Rashtrasant Tukadoji Maharaj Nagpur University is:

"To be one of the foremost knowledge hubs with commitment to excellence, relevance, innovation and inclusion in education, research, extension and human development, generating globally competitive youth with national character and social commitment."

Guided by this vision and leveraging on the philosophies of Rashtrasant Tukadoji Maharaj, known for his scholastic teachings based on Vedanta, RTM Nagpur University is set on a mission to be a center of excellence in study and research education in India. Effective leadership was observed several decades back when career oriented courses like Business Management, Fine Arts, Mass Communication, Library Science, Physical Education, etc. were started.

Since then, the University has progressed satisfactorily and is doing well in the midst of constraints of different sorts. This was enabled due to the futuristic vision of personalities who adorned the chair of Vice-Chancellor and other governing positions of this University. Presently, the University has 47 Postgraduate Teaching Departments (PGTD), three Constituent Colleges/Institutions and 503 affiliated colleges. More than four Lakh students are enrolled under different courses in the university. Research programmes are propelled through M. Phil., Ph. D. and Post-Doctoral programmes.

The University provides its students with state of the art infrastructure and technology support at all academic levels, so as to make the education globally competitive and socio-economically relevant. Formal programs are supplemented with non-formal modes to cover local need based education. The University ensures that quantitative growth is supplemented with qualitative aspects, by undertaking measures like: (i) initiation of the concept of e-learning and interconnectivity, (ii) Interdisciplinary courses, (iii) rural/backward development programme (at Gadchiroli sub-centre) (iv) strengthening of library (v) non-teaching training programme (vi) strengthening of all departmental laboratories and infrastructure for improvement in teaching and research.

The University has made use of internet and computer technology (ICT) to its fullest potential and has designed an online feedback system for students and has uploaded the same on University portal. The Examination Section has also implemented ICT systems wherein online enrolment of students, entry of internal, practical and sessional marks and result generation has been converted into an online process.

The University focuses on proper resource management through efficient and effective development of organizational resources. Resources of financial nature, inventory, human skills, and information technology have been procured and maintained. The leadership of University ensures compliance of academic and administrative processes and procedures along with continual improvement through regular systematic audits, checks and monitoring by well-defined Quality Assurance Framework.

Also, it sets directions for all departments of the University, including IQAC, to work collectively towards accomplishment of the vision and mission of the University.

The University has signed Memorandum of Understanding with various government, professional and technical bodies within India and abroad in order to promote inter-institutional and international exchange programs and collaborations in teaching and research.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The concept of decentralization and participation has become important in the endeavour to improve effectiveness of the University and development of its students. The authorities of University comprises of the Senate, the Management Council, the Board of Deans, the Board of Sub-campuses of the university, the Boards of Studies, the Board of University Departments and Inter-disciplinary studies, the Board of Information Technology, the Board of National and International Linkages, the Board for Innovation, Incubation and Enterprise and the Board of Research. These bodies comprise of members from various sections such as academic, non-academic, industry, profession, etc., and this depicts participation of various stakeholders of society. 1. Decentralization:

The decision levels of the University administration can be categorized as:

- Academic Decisions - include curriculum restructuring, appointment of examiners / referees, revision of scheme of examination, policy for research, etc.
- Administrative Decisions - include recruitment, training and promotions of teaching/ non-teaching staff, norms for regulating affiliated colleges, etc.
- Policy Decisions - include framing various policies such as financial resource mobilization, promotion of research and innovation, development and maintenance of the physical and technical infrastructure, etc.

The University undoubtedly practices a decentralized and participative mechanism for all these decisions. Various authorities/bodies set up under the purview of the MPU Act, 2016, in most cases, take decisions at the lowest level in hierarchy and then pass them up for evaluation by higher authorities for final approval.

##### 2. Case of Decentralization:

The revision of curriculum of a particular subject is first decided by the Board of Studies for that subject. This decision is then recommended to the next higher authority in the hierarchy i.e. Faculty where the decision is evaluated and is then recommended to the highest authority i.e. Academic Council to evaluate and approve the revised curriculum.

3. Participative Management RTM Nagpur University encourages involvement of all its stakeholders in the analysis of problems, development of strategies, and implementation of solutions related to academic, administrative and research matters. Accordingly, academicians, alumni, professionals from industry, representative from Government, representatives from other sections of society, expert individuals and students are invited to participate in decision making. Case of Participative Management Syllabus revision and implementation of Choice Based Credit System (CBCS), in 2015, can be considered as an example here. The stakeholders involved in the syllabus revision and introduction of CBCS pattern were: 1. Student representatives 2. Industry professionals 3. Research Experts 4. Representatives of RTM Nagpur University 5. Board of Studies 6. Faculties 7. Management Council On the basis of feedback and suggestions received from above stakeholders of RTM Nagpur University, the Board of Studies put forth its recommendation of introducing the CBCS pattern in various courses. The Faculties, after due consideration, recommended the introduction of CBCS pattern to the Academic Council. This has served the objective of staying updated on current trends and academic requirements of industry. Subsequently, on the resolutions passed by the Academic Council in its meeting, the Choice Based Credit System was implemented w.e.f. Academic Year 2016-17.

Evidences for decentralization in various academic, administrative practices are available on: <https://nagpuruniversity.ac.in/index.php/Contentpage/index/RS84Z3Z1dEVTZnhTWLzjPQ%3D%3D/en>

File Description	Documents
Upload relevant supporting document	No File Uploaded

#### 6.2 - Strategy Development and Deployment

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

RTM Nagpur University has a perspective strategic plan aligned with the Vision and Mission statement of the University. The scope of this plan covers social, economic and spatial development of goals, policies and priorities relating to the objectives of the University aligned with the Vision and Mission statement of the University. Taking into consideration the teachings of the native saint of Vidarbha in the sphere of national, political & social awakening of the people during the pre and post-independence days of India, the University has pledged to bring into practice the teachings of this great saint of Vidarbha. 1. Deployment Plans of the University aligning with its objectives



1. To provide greater access for higher education to all and in particular to the socially and educationally underprivileged youth, the University provides Student Aid Fund to students from economically weaker sections of the society. There are 33 different categories of Student's Education Scholarships.
2. A scheme of 'Earn and Learn' for underprivileged students has also been implemented,
3. A MoU (2018) signed with Tribal Research and Training Institute, Pune, Government of Maharashtra for facilitating students from Scheduled Tribe Category in UPSC / MPSC Competitive Examination preparation.
4. In order to achieve its objective of promoting academic excellence and innovation through state-of-the-art facilities, the University updates academic syllabi on a regular basis to cope-up with industry needs, minimizing the gap in students' understanding with regard to current requirements and changes. CBCS system has been introduced to provide academic flexibility to students.
5. To make the education globally competitive and socio-economically relevant through competent faculty, infrastructure and technology at all levels have been strategically developed. Most of the science departments are SAP-FIST assisted and faculty members have their independent research project on cutting-edge topics of international, national and regional importance.

- MOU's with various government, professional and technical bodies within India and abroad have been signed in order to promote inter-institutional and international exchange programs and collaborations in teaching and research and are effectively collaborated with industry.
- RTM Nagpur University has disbursed an amount of Rs.23.73/- crore as seed money for innovative research ideas.
- Centralized research facility like RUSA Multi facility centre, Technology Park, Incubation Centre, Sophisticated Analytical Instrument Facility have also been established to achieve excellence in research.
- New PG programme in Molecular Biology and Genetic Engineering has been started by,
- Department of Center for Sericulture and Biological Pest Management Research.
- Online feedback system for all stakeholders, alumni suggestions and feedback are taken into consideration while developing curriculum.

## 2. To make system transparent and ensure accountability in governance

Online processes to facilitate ease in transactions and disbursement has been adopted by the university which helps in maintaining records and report generation of the resources. The university has its Management Information System (IQMIS) which handles various funding, inventory records and infrastructural details.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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.

The Rashtrasant Tukadoji Maharaj Nagpur University is a public university governed by the rules and procedures laid down in The Maharashtra Public Universities Act, 2016. Additionally, various Statutes and Ordinances of the University have well defined provisions to provide policy framework and direction for proper functioning and fulfilment of its objectives. The University has a clearly defined organizational hierarchy and structure to support decision making. The academic and general administration of the University is governed by various authorities/bodies and statutory offices formed under the Act.

1. Statutory Officers Chapter III Section 10 of The MPU Act, 2016, prescribes the following statutory officers for administration of the University: 1. The Chancellor; 2. The Vice-Chancellor; 3. The Pro Vice-Chancellor; 4. The Registrar; 5. Deans of Faculties; 6. Director of Board of Examinations and Evaluation; 7. Finance and Accounts Officer; 8. Director of Sub-campus of the University;

9. Director of Innovation, Incubation and Linkages; 10. Director Knowledge Resource Center; 11. Director of Life-long Learning and Extension; 12. Director of Students Development; 13. Director of Sports and Physical Education; and 14. Director of National Service Scheme. The University has appointed majority of these officers in accordance with the qualifications, norms and service conditions prescribed by the Act and, accordingly, powers, duties and responsibilities are conferred upon them.

## 2. Institutional Authorities/Bodies

Chapter IV, Section 26 of The MPU Act 2016 prescribes the following authorities/bodies for academic and general administration and policy making of the University: 1. Senate; 2. Management Council; 3. Academic Council; 4. Faculty; 5. Board of Deans; 6. Board of Sub-campus of the university; 7. Board of Studies; 8. Board of University Departments and Inter-disciplinary studies; 9. Board of Post-Graduate Education in Colleges; 10. Board of Lifelong Learning and Extension; 11. Board of Examinations and Evaluation; 12. Board of Information Technology; 13. Board of National and International Linkages; 14. Board for Innovation, Incubation and Enterprise; 15. Board of Students' Development; 16. Board of Sports and Physical Education; and 17. Board of Research. The composition of

all these authorities/bodies comprises of representatives of various sections of the society, thus ensuring representation of various stakeholders of the University. The functions and responsibilities of these authorities/bodies ensure effective policy making in order to enhance the quality of education and safeguarding the interests of stakeholders. The frequency of meetings of all these bodies are also prescribed by the Act and the University ensures effective conduct of meetings with circulation of agenda of meetings and the 'Action Taken Report' on previous meetings to ensure effectiveness.

3. Administrative Setup The University has a well-structured organizational hierarchy in accordance with the Act. The hierarchy ensures no conflict of powers and authorities and thus facilitates smooth functioning of the University. The recruitment, training and promotions of the University employees are strictly made in compliance with the provisions made by Government of Maharashtra from time to time.

4. Service Rules Academic freedom policy, promotion policies, employee satisfaction, welfare schemes and grievance redressal mechanism are in place. The University has a well-structured system for professional development of faculty and staff. Achievements of faculty and staff are recognized with financial and non-financial incentives.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

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

A. All of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

RTM Nagpur University has an effective performance appraisal system in place. It has established avenues for promotion of its teaching and non-teaching staff and also has developed welfare measures for them. A good performance management system works towards improvement of the overall organizational performance. The system provides for direction and also assessment of teams and individuals in order to ensure achievements of organizational mission and vision. Summarily, an effective performance management system plays a crucial role in managing the organization in an efficient manner. Performance appraisal system encourages faculty members to improve performance in the teaching-learning process and research.

The Performance Appraisal reports provide good feedback to faculty and help them in understanding improvements required and also the changing needs of students. Appraisal report is based on annual performance of employees in respect of their academic, research and other extra-curricular activities. It is also based upon his/her relation with the students, colleagues and administration. The performance based appraisal system (PBAS) report is filled by teaching faculty members in a prescribed proforma. The views of the employee, as filled in the prescribed proforma, are reviewed by the respective Heads of Departments (HoD) and Director-IQAC. The proforma has three sections, viz., (i) Teaching, Learning and Evaluation related activities (ii) Co-Curricular, Extension and Professional Development related activities and (iii) Research Publications and Academic Contributions. The scores of the PBAS are used for the award of career advancements to faculty members and for promotion to next higher position. Further, at the end of each semester, online feedback forms are filled by the students for each of the courses attended by them. The feedback forms in the form of questionnaire collect information about the teacher and different aspects pertaining to the teaching-learning process. A team consisting of the HoD and Senior Professor in the department go through the feedback forms and suggest suitable measures to improve the teaching-learning process. There is no performance appraisal system followed for non-teaching staff in the university. However, teaching and non-teaching staff of the university submit confidential reports in a proforma containing information about academic and other activities carried out by the individual. This is submitted to the university through HoDs or administrative heads. The overall report is further reviewed by the Registrar and Vice Chancellor of the University and final performance status is confidentially recorded in the office and the areas for improvements based on the grades obtained by the employee are communicated to the employee.

Welfare Measures for Staff: 1.Financial Assistance for attending National / International Conference / Workshops 2.Seed Money ( Financial assistance for Minor Research Project ) to young faculty members 3.Financial assistance to meet emergency medical expenses of staff and family members 4.Non-doctoral faculties are encouraged to get enrolled for Ph.D. program through TeacherFellowship Scheme. 5.On campus medical facilities with subsidized rates. 6.Short term advances to non-teaching staff 7.Concession in tuition fees for wards of employees 8.Sabbatical leaves are provided to teaching staff

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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

00

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

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

9

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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)

27

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

RTM Nagpur University is funded and supported by Government of Maharashtra, Government of India,University Grants Commission, Rashtriya Uchchatar Shiksha Abhiyan(RUSA) , non-government agencieslike NGOs, trusts and philanthropists. It also receives number of grants and donations.

In spite of the above, there are certain inherent constraints in mobilisation of resources due to the nature ofthis institution. One such constraint is University's inability to utilise its capital on commercial principles.Hence, the University is left with no choice but to mobilize resources through different methods, whichmay have their own limitations. Other major sources of funds include:

1. Different kinds of fees likeaffiliation fees from the affiliated colleges, examination fees, admissionfees, fines and various fees for documents issued by the university, etc.
2. Income by way of interest on deposit;
3. Research Project grants (through various funding agencies);
4. Renting auditorium, Badminton courts and other infrastructural facilities for non-commercialpurposes;
5. Participation fee in various conferences, seminars organized by the University;
6. Sponsorships for various events, conferences, seminars, etc.
7. Establishment of Industry Sponsored labs;
8. Endowments;
9. Training & Consultancy.

Additionally, RTM Nagpur University was also able to get sizable funds under corporate socialresponsibility (CSR), which were utilized for construction of its new administrative building.

Whereas fund raising is a relatively free exercise the utilisation of funds, in view of character of theUniversity as a public institute, is subject to prudent financial norms designed to eliminate chances of anypossible misuse of funds. A statutory committee, 'Finance and Accounts Committee', established underthe Maharashtra Public Universities Acts, 2016, is entrusted with the task of ensuring prudential utilizationof funds of the University. It examines the accounts, the progress of



expenditure and all new proposals involving fresh expenditure in the light of the provisions available.

All academic departments and administrative sections propose their annual financial plans. Heads of academic departments and administrative sections then make presentation of proposed budget to Chairman of Finance and Accounts Committee (FAC) and Registrar. The FAC prepares the annual estimates of income and expenditure based on inputs from various academic departments, administrative sections, IQAC and Financial Planning Sub-Committee. The proposed budget is examined and approved by the FAC and the administrative and financial approvals are granted by the Senate.

The organic structure of the university ensures that the limited resources of the University are utilized in such a way that it subserves the cause of the University, which is to promote quality higher education including socially relevant research. The Management Council and Senate of the University are responsible for finally approving budget and annual plan of the university, as prepared by the FAC. Thus, the activity of mobilisation and utilisation of funds of the University is undertaken within the parameters of the Maharashtra Public Universities Act, 2016, the financial norms prescribed by State and Central Governments, the funding agencies and the donors.

File Description	Documents
Upload relevant supporting document	No File Uploaded

#### 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)

00.00

File Description	Documents
Upload the data template	No File Uploaded
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)

00.00

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

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

The University has a mechanism for internal and external audit in place. It has a full-time Finance and Accounts Officer, Accounts Officer, Deputy Registrar, Assistant Registrar assisted by several senior and junior assistants, along with dedicated audit section to verify and certify the entire income and expenditure and the capital expenditure of the University, every year. Finance and Accounts Department reviews each element of University's accounting system in accordance with internal control policies of account code.

Periodic internal and external financial audits are carried out for improving financial Governance and management control. The University has its own internal audit mechanism where internal audit is an ongoing process. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of transactions that are carried out in each financial year. Likewise, an external audit is also carried out on an elaborate and quarterly basis. So far there have been no major findings/ objections of great concern. Minor errors of omissions and commissions, when pointed out by the audit team, are immediately rectified and precautionary measures taken to avoid recurrence of such errors in future.

The following agencies conduct regular financial audit at RTM Nagpur University, Nagpur: 1. Internal Audit:

- Work of internal audit of the University has been entrusted to the Internal Auditor of the University. The Audit section of the University headed by Deputy Registrar-Finance performs the work of pre-audit. He also pre-checks salary fixations, pension and gratuity payments and final payments of general provident fund (GPF).
- Accountant General (AG), Nagpur, conducts statutory audit covering all financial and accounting activities of the University. This includes scrutiny of the following: 1. All receipts from fee, donations, grants, contributions, interest earned and returns on investments;

2. All payments to staff, vendors, contractors, students and other service providers.

2. External Audit: External Audit is conducted by the following: (a) CAG through Auditor General (AG), Nagpur. (b) Chartered Accountant (CA) of RTM Nagpur University, Nagpur.

All observations/objections of AG are communicated through their audit reports. These objections are examined by separate committees of the University, duly constituted by Hon'ble Vice Chancellor, for finalizing compliance report of the University.

AG's audit for the previous years have been completed and replies are submitted to their satisfaction. It is pointed out that no serious objection / irregularity is outstanding. Thematic audit by AG, Nagpur, for the years 2012 to 2017 have been completed and no Draft Para has ever been issued against the University by AG, till date.

Chartered Accountant of the University conducts regular 'accounts audit' and certifies its Annual Financial Statements and Concurrent/Post audit of all receipts and payments. All utilization certificates to various grant giving agencies are also countersigned by the CA. All financial statements upto year 2020-21 have been certified by the CA.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The IQAC has taken numerous steps and initiatives in improving quality of teaching, learning, research and governance at the university. A core committee is set up to periodically review the quality initiatives and various sub-committees are constituted to work on different agendas from time to time.

A. Academic Administrative Audit: The IQAC committee of the University periodically reviews academic activity, infrastructure facilities and governance by way of academic and administrative audit for quality enhancement. The evaluation process and follow up on feedback is also taken up on a regular basis. The Academic and Administrative Audit (AAA) committee is constituted as per the guidelines of UGC.

Every year, the prescribed format of AAA is sent to all departments in the month of August to furnish data for the previous academic year. The format carries information on total intake, number of students admitted to the course, students passed out of final semester, passing percentage, number of research projects undergoing, research papers published, patents filed/awarded, faculty exchange program, detail of workshops, seminars organized and participated by the faculty and availability of infrastructure as per the program. Similarly, availability of research facility and status of the equipment and constraints faced by faculty and staff members also are included therein. The data is then verified by the AAA committee by visiting all 43 Departments, three research centers and four conducted collages. The consolidated report, along with discrepancy, if any, is then placed before IQAC committee and then processed for the consideration of Management Council. The IQAC committee facilitates implementation of the suggestions recommended in the report, through various academic boards and concerned sections. The consolidated reports of every session are sent to the Government of Maharashtra for further planning and recommendations by the State Education authority.

Periodic review of administrative departments is conducted by the AAA committee. Administrative changes proposed by the committee from the previous year(s) are put in place to ensure smooth operations at this multi-campus University.

### B. On Line Student Feed Back:

Quality, in its true spirit is being able to meet the expectations of stakeholders. Believing in this, the IQAC has moved a step further in involving stakeholders, specially students, for effective administration and academic activities. RTM Nagpur University launched an online Student Feedback Portal in the year during 2017. The students of all University departments are required to fill and provide feedback regarding curriculum, learning resources, administrative experience, evaluation system, basic amenities, infrastructure and teaching faculty.

### C. Online student feedback portal:

The University has made it mandatory for students to fill in feedback on the portal before issuance of examination admit card. The Online Feedback Portal checks for authentication through OTP, allows partial filling of the form is user friendly and has provision of backup. The advantages include user friendliness, structured questionnaire administration, opportunity to students to record their thoughts, satisfaction level and suggestions regarding different aspects of teaching-learning process, amenities, infrastructure, etc. and opportunity to the University administration to improve upon these suggestions.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 6.5.2 - Institution has adopted the following for Quality

A. Any 5 or all of the above

assurance Academic Administrative Audit (AAA) and follow up action taken Conferences, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and students Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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)

Response:

The academic and administrative processes are continuously monitored and audited through a strong audit system and the University is also subjected to external quality audits and accreditations. The reports of these bodies form an input to the internal quality assurance processes, leading to measures for improvement. Major post accreditation quality initiatives taken by the University during last five years, are as under:

#### 1. Curricular Aspects:

Outcome Based Education is the main emphasis with specific course outcome followed by program outcome, making education more effective and facilitating employability and entrepreneurship for students. The University has effectively implemented OBE pattern for all its PG programs.

#### 2. Introduction of Semester Pattern:

It was introduced initially for PG program and then for UG program. In order to provide better opportunities to students for inter-disciplinary learning, a Choice Based Credit System (CBCS) curriculum having more than 40 Foundation Courses has been introduced for all PG programs.

#### 3. Value added courses:

These were prepared for the 5-year perspective plan of the University and are being introduced in phases. Additionally, e-learning platforms such as SWAYAM and MOOCs are also promoted. The University is also promoting onsite training and support for value addition by conservation of bio-resources for sustainable development.

#### 4. Teaching-Learning and Evaluation:

ICT-enabled activities such as participatory, problem solving and application oriented teaching, learning and evaluation have been adopted.

#### 5. Research, Innovation and Extension:

A Centre for Bio-actives and Natural Products has been established for research in plant-based bioactive materials, to be used in treatment of human diseases.

#### 6. Innovation and Incubation Centre:

This has been established for the promotion of innovation, incubation of ideas, creating startups and for facilitating technology transfer. The University promotes industry participation through interactions, development of industrial relationships and by undertaking industry based research projects. A Multifacility center with instrumentation facility is being added, to be used by students and faculty. The University invites overseas speakers to talk on higher studies abroad and various academic and scientific aspects at international level. It also provided platform for exposure to scientific temperament and research culture through programs like National Science Day, Young Scholars Conference and Vidarbha Young Scholars Conference for the benefit of students.

RTM Nagpur University promotes collaborative culture to strengthen interdisciplinary studies by signing MOU's with National and International universities and institutions. The University undertakes student mentoring and also has a well-functioning Career Counseling Cell. IQAC of the University facilitates a mechanism of frequent interaction with the faculty by holding workshops and seminars on quality aspects of education.

#### 7. Quality Enhancement initiatives in Administration:

The University has made substantial incremental improvements in its administrative processes. Administrative Staff are given periodic training for quality enhancement of work by providing ICT based orientations for consolidation, report extraction, efficient document handling, data security, online communication, E-Governance, web-based information, online remittances, etc. They are also

trained on enhancing speed and ease of real-time information procurement, w.r.t. E-Tendering, Government eMarketplace (GeM) -the National Public Procurement Portal for purchases with GST exemption/concession.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

##### Response:

Gender discrimination has been into existence over centuries and eradication of this practice is absolutely important for society to grow at all levels. Since education is where we shape minds, it is imperative for educational institutions to sensitize students, teachers and other stakeholders against gender discrimination and promote gender equity.

RTM Nagpur University being a co-education institution gives special emphasis to gender equity by sensitizing its students and other stakeholders. The composition of batches, in terms of boys : girls ratio and the gender ratio amongst teaching and non-teaching staff is a clear indication of adherence to gender equity standards. Boys and girls work together in various events, research projects and subject assignments. Sports is also an arena from which the University promotes gender equity by equal representation of both genders.

The University and its various administrative, academic units and several PG departments have taken initiatives to sensitize the students on issues of gender equity and parity. Several PG departments of the University organize guest lectures and debates related to gender sensitization, development of entrepreneurial skills among women, awareness of women on health and nutrition and promotion of gender equity. A recent example is the organization of a 3-day workshop by Department of Sociology, in September, 2019, on 'Gender Studies and Sensitization', where topics like gender and patriarchy, gender and mass media, gender and caste, gender issues of development and empowerment, gender issues of sexuality and reproduction, gender and violence and gender theories were discussed at length by eminent speakers and thought leaders.

Some concrete steps taken to ensure safety and security of women at the University are as follows:

1. Safety and Security: The University administration has made provisions to bring all the campuses, hostels and administrative buildings under CCTV surveillance. In addition to this, security personnel (with sizeable number of women) have also been provided across various campuses of the University.

2. Counselling: Various Post Graduate Teaching Departments (PGTDs) of the University are effectively providing counselling facilities to girl students. The University has established a 'Grievance Redressal Cell'. The girl students who struggle with gender based bullying, favoritism and pressures can approach this cell and avail counseling facilities provided by experienced counselors dealing in such cases. If need be, the University has a provision for inviting a qualified psychologist to handle cases of extreme nature.

3. Common Rooms: Twenty-two PGTDs and the academic campus of the University have separate common rooms for girls, which are equipped with proper sitting arrangement and facilities like first-aid provision, etc. This common room also has a sanitary napkin dispenser to provide better personal hygiene to girl students.

4. Curriculum Enrichment: The syllabi of various subjects, especially Humanities, include specific courses based on gender studies in the curricula. It is worth mentioning that as a result of the initiatives and precautions taken by the University administration, there has been no reported incidence of eve teasing, etc. within any of the campuses of the University.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	Nil
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	Nil

#### 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

A. Any 4 or All of the above

File Description	Documents
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Upload relevant supporting document	<a href="#">View File</a>
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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

RTM Nagpur University is very conscious of generating least amount of waste, conserving natural resources and being environment friendly. It strictly adheres to waste management methods promoted by Nagpur Municipal Corporation (NMC) and other regulatory bodies and has established mechanisms for collecting solid, liquid and electronic waste in separate containers and for disposing off such waste as per prevailing regulations.

1. Solid Waste Management The University has designated personnel for collecting waste from every department, library, administrative buildings and canteen and collectively dumping it in a designated area. The same is collected for segregation and disposal by the Dharampeth Zone of NMC from time to time. Every Department, Library and Administrative office also periodically disposes material marked 'out of use' as per directions of University's Store Department. The written off material generally includes furniture and electronic material and it is managed in following ways:

1.The Department of Fine Arts has taken an innovative initiative to create a scrap exhibition using written off metal objects collected from various offices.

2.The other scrap material is auctioned to scrap vendors from time to time. The vendor, in turn, segregates and disposes electronic waste to an authorized NGO/e-waste recycler. The Examination and Evaluation Section of the University is provided with a paper shredding machine to help in managing the disposal of old answer papers and degrees. The shredded paper is then auctioned by following the procedure of calling quotations.

2. Liquid/Wet Waste Management: The University has set up a Vermi-composting Pits to deal with wet waste such as vegetable or food waste, at appropriate places.

3. Electronic Waste (E-waste) Management: Memory chips, motherboard, compact discs, cartridges etc. generated by electronic equipment are recycled properly.The disposal of e-waste from hardware that cannot be recycled is managed separately. The e-waste is collected in suitable containers and is handed over to an NGO/scrap dealer who recycles/disposes it appropriately.

4. Hazardous Chemicals and Radioactive Waste Management: A standard operating procedure is in place for handling the hazardous waste generated at laboratories. Government approved agency is assigned the task to collect this from designated point earmarked as 'Hazardous Waste Room'. The Academic Campus is certified by Yegna Environchem Pvt. Ltd. for 'Environmental Awareness and Initiatives Towards a Green Future' - certificate no. U74220TG1996PTC024851, for Year 2019-20.

For energy conservation, the University has installed Tata BP solar water heaters at all its hostel.

In "Swachcha Bharat Abhiyan" , students undertook activities like road and drainage cleaning, waste collection and disposal, cleaning of religious places, tree plantation, door-to-door discussion and survey, wall paintings, street plays, school rally and village rally. Other Initiatives: Guest lectures on modern waste management practices Dustbins in various halls/rooms on each floor of University's various establishments Periodic cleanliness drives are undertaken by students, teachers and staff. Computers are upgraded to the latest versions, rather than buying new machines, in order to reduce electronic waste from computers and peripherals.

File Description	Documents
Upload relevant supporting document	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution:  
Rain water harvesting Bore well /Open well recharge  
Construction of tanks and bunds Waste water recycling  
Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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	<a href="#">View File</a>

#### 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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading 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	<a href="#">View File</a>

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)

As one of the oldest and heritage University of Central India, RTMNU culture accommodates wide diversity in regional, linguistic, communal socio-economic and other fields. RTMNU is bound with its primary mission to provide greater access for higher education to the socially and educationally underprivileged youth upholding the principle of social equity. Consequently, the university undertakes various measures to include the socially and educationally underprivileged youth and provide them with means to enable them a better learning experience and evolve as tolerant, accommodative and responsible citizens. The university recognizes its responsibility of shaping a generation enriched with human values and professional ethics. In order to ensure attainment of this, the University has taken a number of initiatives which are listed here:

##### 1. Curriculum Enrichment:

The university offers various courses on human values through its various departments such as Department of Gandhian Thoughts, Department of Ambedkar Thoughts, Rashtrasant Tukadoji Maharaj Chair, etc. In addition to this, the curriculum of various programs also include courses on human values and professional ethics. The 'Gramseavavrat' program offered by the RTM Chair is considered to be one of the unique initiatives taken by the University in this regard.

##### 2. Collaborative Linkages:

The university has signed MOUs with various NGOs which work towards inclusion of underprivileged students in mainstream of education. For Example, the University has signed an MOU with Tribal Research and Training Institute, Pune, Government of Maharashtra for facilitating students from Scheduled Tribe Category in UPSC / MPSC Competitive Examination preparation.

##### 3. Facilitation through Financial Support:

A scheme of 'Earn and Learn' for underprivileged students has also been implemented by RTM Nagpur University. Since 2014, 499 students have benefitted from this scheme. Under this scheme, students from weaker economic background can earn by working part-time in various departments of the University and also seek educational pursuits.

##### 4. Tolerance Building and Sensitization:

The University has always been instrumental in building tolerance among its students in the context of accommodating peers with varied social, economic, regional and educational backgrounds. This spirit is being inculcated among students by sensitizing them through various events such as - Celebration of birth/death anniversaries of personalities of national/international importance to make students aware of their contribution in nation building and enrichment of social values. The

university organizes 36 Annual Lecture Series wherein it invites eminent speakers to deliver a talk on the importance of communal harmony and social values. The speakers with diverse regional, religious and social background are invited for this purpose. A prominent to be noted is Maulana Abdul Kaleem Parkeh Lecture Series.

#### 5. Community Welfare Activities:

RTM Nagpur University strives for community welfare through extension programs involving youth and staff in order to cultivate the spirit of integration and sense of ownership as well as inculcate the sense of social responsibility in them. As a part of extension programs for community welfare, numerous programs are conducted by various departments of the University. Blood Donation Camps, Social Awareness Camps, Tree Plantation Drive, Swacchata Abhiyaan, Gender Sensitization are routinely organized by the University.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

As one of the oldest and heritage University of Central India, RTMNU culture accommodates wide diversity in regional, linguistic, communal socio-economic and other fields. RTMNU is bound with its primary mission to provide greater access for higher education to the socially and educationally underprivileged youth upholding the principle of social equity. Consequently, the university undertakes various measures to include the socially and educationally underprivileged youth and provide them with means to enable them a better learning experience and evolve as tolerant, accommodative and responsible citizens. The university recognizes its responsibility of shaping a generation enriched with human values and professional ethics. In order to ensure attainment of this, the University has taken a number of initiatives which are listed here:

##### 1. Curriculum Enrichment:

The university offers various courses on human values through its various departments such as Department of Gandhian Thoughts, Department of Ambedkar Thoughts, Rashtrasant Tukadoji Maharaj Chair, etc. In addition to this, the curriculum of various programs also include courses on human values and professional ethics. The 'Gramseavavrat' program offered by the RTM Chair is considered to be one of the unique initiatives taken by the University in this regard.

##### 2. Collaborative Linkages:

The university has signed MOUs with various NGOs which work towards inclusion of underprivileged students in mainstream of education. For Example, the University has signed an MOU with Tribal Research and Training Institute, Pune, Government of Maharashtra for facilitating students from Scheduled Tribe Category in UPSC / MPSC Competitive Examination preparation

##### 3. Facilitation through Financial Support:

A scheme of 'Earn and Learn' for underprivileged students has also been implemented by RTM Nagpur University. Since 2014, 499 students have benefitted from this scheme. Under this scheme, students from weaker economic background can earn by working part-time in various departments of the University and also seek educational pursuits.

##### 4. Tolerance Building and Sensitization:

The University has always been instrumental in building tolerance among its students in the context of accommodating peers with varied social, economic, regional and educational backgrounds. This spirit is being inculcated among students by sensitizing them through various events such as - Celebration of birth/death anniversaries of personalities of national/international importance to make students aware of their contribution in nation building and enrichment of social values. The university organizes 36 Annual Lecture Series wherein it invites eminent speakers to deliver a talk on the importance of communal harmony and social values. The speakers with diverse regional, religious and social background are invited for this purpose. A prominent to be noted is Maulana Abdul Kaleem Parkeh Lecture Series.

##### 5. Community Welfare Activities

RTM Nagpur University strives for community welfare through extension programs involving youth and staff in order to cultivate the spirit of integration and sense of ownership as well as inculcate the sense of social responsibility in them. As a part of extension programs for community welfare, numerous programs are conducted by various departments of the University. Blood Donation Camps, Social Awareness Camps, Tree Plantation Drive, Swacchata Abhiyaan, Gender Sensitization are routinely organized by the University.

#### 7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. 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	<a href="#">View File</a>

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

RTM Nagpur University is committed to uphold the spirit of nationalism and honour the national heroes who contributed immensely to nation building. Therefore, it commemorates the nationalistic ideals, days of national importance and birth/death anniversaries of great Indian personalities, while glorifying and appreciating the contribution of these personalities from various fields in development of the nation. This way, the University focuses on reinforcement of various student attributes such as national integration, communal harmony, social concern and duties.

The University organizes programmes on birth and death anniversaries of great Indian personalities and remembers their contribution in the development of the society. These programmes are organized at the highest levels in University and its several PGTDs and are held for personalities like Lord Gautam Buddha, Chhatrapati Shivaji Maharaj, Mahatma Jotirao Phule, Lokmanya Tilak, Mahatma Gandhi, Swami Vivekanand, Bharatratna Dr. Babasaheb Ambedkar, Rashtrasant Tukadoji Maharaj, Mrs. Indira Gandhi, Mother Teresa, Sardar Vallabhabhai Patel, etc. The University also observes certain designated days as International Day of Non-violence and as Rashtriya Ekta Diwas (national unity day) and so on. Birth anniversary of Bharatratna Dr. A. P. J. Abdul Kalam is celebrated as 'Vaachan Prerna Din' (Inspire to Read Day). The programmes are usually organized on both departmental and University level and students are exposed to universal values like truth, non-violence, righteous conduct and peace from various anecdotes and stories associated with the lives of these great personalities.

Certain days of national importance are also celebrated/observed at the University and they include National Science Day and National Mathematics Day, where themes like 'Make in India: Science and Technology Driven Innovation' are promoted. State level functions such as Maharashtra Day (coinciding with International Labour Day) and Hindi Rashtrabhasha Gaurav Diwas are also celebrated/observed with equal fervor and enthusiasm. Hindi Pakhwada (fortnight) is observed, every year, during which, various programmes are organized in Hindi medium to acknowledge the significance of Hindi as a National language and its role in national integration. Other days celebrated/observed at the University and its departments are Martyrs' day, Army day, Indian Constitution Day, World Day of Social Justice, International Labour Day, International Women's Day, World Anti-Terrorism Day, International Peace Day, World Food Day, Constitution Day And Human Rights day. These days are celebrated/ observed by way of talks, presentation of facts, student discussions, short films and guest lectures.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 7.2 - Best Practices

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

Name of practice:

Academic autonomy in the University Teaching Departments

Goal

Decentralization of Academy Decision of

Aim:

1. Giving greater flexibility towards purely academic development for improving an academic standard and excellence.
2. Periodical change in syllabus as per changing needs and updating the curriculum is an easy task.
3. Effective implementation of outcome based education and outcome base learning practices and mapping of COs with POs
4. Promote healthy academic practices in regular teaching-learning part such as mini-project, community services, extension programs, Field-Projects for the benefit of the community at large and other related programme.

The context

Focus of National Education Policy-2020 is academic flexibility and moving towards faculty and institutional autonomy. The policy is mainly intended to strengthened the educational system by eliminating rigidity, granting flexibility in day-to-day academic decision. The academic autonomy is



core of the policy. With this intension, the university has taken strong decision to give Academic autonomy to all 47 departments with 55 academic programme. The university is bound for effective implementation of academic autonomy to create holistic and multidisciplinary education to develop all capabilities of human-being-intellectual, aesthetic, social, physical emotional and moral in an integrated manner. The university is constituted by 13 departments under Faculty (Board) of Science and Technology department, 2 departments under Faculty (Board) of Commerce and Management, 19 Department under Faculty (Board) of Interdisciplinary and 8 are various centres. So the university have lot of potential to build multidisciplinary research group and effective implementation of multidisciplinary education and research practices.

#### The Practice

All the Department of University are vested with the power for constitution of board of studies, convening board meeting, framing of regulation and syllabus, conduct of examination, declaration of result, regularly add and update add-on courses, conduct short terms training, industrial training programme, give credit to online courses like Swayam / NPTEL etc and conduct seminar, workshop, symposium, conference, etc to upgrade knowledge of students in the department.

#### Evidence of success

- Autonomy is successfully implemented with respect to academic activities in 47 departments.
- Autonomy encourages faculty members concentrating effectively on academic activities to implement student centric pedagogy practice like experiential learning, participative learning, activity based learning etc.
- 90% curriculum include credit based courses.
- Students activities like mini-projects in the areas of community engagement and service, environmental education, Indian patent, research methodology and values based education are incorporated.
- University has established centre for innovation, incubation and linkages and is instrumental in developing 11 (Eleven) starts-up, promoting entrepreneurship.
- Focused research efforts are attempted with active students' involvement to enhance the quality of research through patents, Research collaborations, MOUs etc.
- This year 24 patents are published and granted and 18 MOUs are signed by developing national and international linkages and collaboration.

### 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)

- The mission statement of Rashtrasant Tukadoji Maharaj Nagpur University focuses on to provide greater access for higher education to all and in particular to the socially and educationally unprivileged youth upholding the principle of social equity, the university has built strategic work culture to impart value based education without any discrimination on the basis of caste, creed, culture and race. The major stream of students' intake of the university is from rural, economical background and underprivileged class of society, offering fair and equal opportunity is core part of educational practices of the university.
- To cope-up with current fast changing educational practices and to promote academic excellence and innovation through state-of-the-art Undergraduate, Postgraduate, Doctoral and Post-Doctoral programmes, the University has prepared time bound perspective plan to facilitates students with updated knowledge and skill.
- To enhance the status of Departments, Conducted and Affiliated Colleges in the fields of knowledge generation and dissemination by pro-actively supporting cutting-edge research, the research is conducted with modern facilities available in the well-equipped labs on the campus established with support from various national and international funding agencies including DST, DAE BRNS, UGC, ICMR, UGC-CSR DAE as well as in national and international labs due to the strong collaborations and ties with various institutes of eminence such as University of Machinegun, USA, University of Copenhagen, USA, University of the Free State, South Africa, Delaware University, USA and ICTP, Italy etc.

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

##### Future Plans the Rashtrasant Tukadoji Maharaj Nagpur University

- The University highly desires to impart quality education at a reasonable cost and available to all without any discrimination.
- The University intends to restructure the academic departments to promote multidisciplinary education and facilitate sharing of resources.
- The University will design its own LMS platform to make education in blended mode online + offline.
- The industry-academia collaboration will be strengthened by signing MoU with various agencies and regional industries.
- The University plans to shift most of the processes and procedures to the online mode.
- To update students for meeting job aspirations and requirements through numerous skill-based programs and courses by designing as well as collaborating such courses as an add-on or short

term training or diploma programme.