



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	University of Madras
• Name of the Head of the institution	Dr .S.Gowri
• Designation	Vice-Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04425399401
• Mobile no	9444917006
• Registered e-mail	unom.iqac@gmail.com
• Alternate e-mail address	vcunom@gmail.com
• City/Town	Chennai
• State/UT	Tamilnadu
• Pin Code	600005
<b>2.Institutional status</b>	
• University	State
• Type of Institution	Co-education
• Location	Urban
• Name of the IQAC Co-ordinator/Director	Dr .R.Jaganathan

• Phone no./Alternate phone no	04425399821				
• Mobile	9444917006				
• IQAC e-mail address	unom.iqac@gmail.com				
• Alternate Email address	rjnathan@unom.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.unom.ac.in/webportal/uploads/iqac/academic_19_20.pdf">https://www.unom.ac.in/webportal/uploads/iqac/academic_19_20.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.unom.ac.in/webportal/uploads/academics/cbcs-hand-book-2020-2021-revised.pdf">https://www.unom.ac.in/webportal/uploads/academics/cbcs-hand-book-2020-2021-revised.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Five Star	Nil	2000	20/09/2000	31/07/2007
Cycle 2	A	Nil	2007	31/07/2007	05/05/2014
Cycle 3	A	3.32	2014	05/05/2014	04/05/2021
<b>6.Date of Establishment of IQAC</b>			01/07/2005		
<b>7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.</b>					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
Anthropology	AI FORA	Johannes Gutenberg-Universitat, Mainz	01.05.2021 to 31.04.2024	1329653	
Nuclear Physics	DST-Inspire Fellowship	DST-Inspire Fellowship	.03.2014 to 23.03.2019(5 years)	25425	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC	<a href="#">View File</a>				

<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>	
<ul style="list-style-type: none"> <li>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)</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<a href="#">View File</a>	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<b>Nil</b>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<ul style="list-style-type: none"> <li>Scrutiny of applications of faculties for promotions under CAS</li> <li>Online Feedback form</li> <li>Facilitating the inclusion of Journals under UGCCARE List</li> <li>The IQAC organised a webinar on "NAAC Assessment and Accreditation Process" for Principals and IQAC Coordinators in affiliated institutions of the University on 5th August 2020 through google meet</li> <li>The IQAC organised a webinar on "Revised Assessment and Accreditation Framework Of NAAC" for the faculty members of the University of Madras on 28th December 2021 on through Webex</li> <li>The IQAC Conducted Academic Audit for the Programmes offered by the departments of University of Madras</li> </ul>		
<b>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</b>		
Plan of Action	Achievements/Outcomes	
Online submission of AQAR (2019 -20) in the revised format	Uploaded in October 2021	
Preparation of AQAR (20-21) in the revised format	Report Prepared. It will be uploaded in	
Collection and updating information for the ensuing NAAC Reaccreditation	In progress	

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th data-bbox="86 430 769 495">Name</th> <th data-bbox="774 430 1469 495">Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 501 769 555">IQAC Committee</td> <td data-bbox="774 501 1469 555">20/11/2020</td> </tr> </tbody> </table>	Name	Date of meeting(s)	IQAC Committee	20/11/2020	
Name	Date of meeting(s)				
IQAC Committee	20/11/2020				
<b>14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>No</b>				
<b>15. Whether institutional data submitted to AISHE</b>					
<table border="1"> <thead> <tr> <th data-bbox="86 810 769 875">Year</th> <th data-bbox="774 810 1469 875">Date of Submission</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 882 769 936">2022</td> <td data-bbox="774 882 1469 936">14/04/2022</td> </tr> </tbody> </table>	Year	Date of Submission	2022	14/04/2022	
Year	Date of Submission				
2022	14/04/2022				
<b>16. Multidisciplinary / interdisciplinary</b>					
<p>The Vision of the Policy, to supply high quality education to develop human resources in our nation as global citizens, is well addressed by the university. With the aim of developing the all-round capacities of the students - intellectual, aesthetic, social, physical, emotional and moral in an integrated manner, the university is preparing to include multidisciplinary subjects in the curricula of all the programmes being offered. The university has already had a flexible and innovative curricula that includes credit based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education. The topic was deliberated by the faculty members and discussed on the key principles such as diversity for all curriculum and pedagogy with technological advancements in teaching and learning, coherent decision making and innovation, critical thinking and creativity. The university has initiated new interdisciplinary departments and also interdisciplinary research centres integrating different departments. Many of the academic programmes are revamped to incorporate Multidisciplinary /Interdisciplinary courses as electives or optional.</p>					
<b>17. Academic bank of credits (ABC):</b>					
<p>University of Madras is a prospective member of the National Academic Depository which is a government enterprise to offer an</p>					

online repository for all academic awards under the *Digital India Programme*. The university is making its final official preparations to implement the ABC system so that its students' mark sheets and degree certificates can be uploaded through the platform called [nad.digitallocker.gov.in](http://nad.digitallocker.gov.in). University of Madras tags along a Choice Based Credit System- CBCS for all of its academic programmes including the distance mode. The official formalities are in the process and the university will officially register in the ABC portal once the decision gets its nod from its statutory bodies. Hence regarding the implementation of Academic Bank of Credits, the institution has to wait for the academic council to give a green signal.

#### **18.Skill development:**

University of Madras is aiming at providing quality vocational education through its collaboration with industry through its established centre namely University Industry Community Interaction Centre- UICIC which provides training in skill related topics with experience sharing of Industry practitioners and internships in various industrial fields. All the post graduate programmes being offered from the university departments includes a wide variety of Soft skills courses which target the employability of students. Under the RUSA 2.0 scheme entrepreneurship related programmes and online Programs/Courses were conducted to provide entrepreneurial skills and training in the four campuses of the campuses of University of Madras.

#### **19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

University of Madras is the true pioneer in proposing a wide variety of elite academic programmes which integrate the treasure of the Indian Knowledge system by promoting the teaching in Indian Language, culture and a vast variety of value education courses. The curriculum of such programmes afford are inspired by the knowledge areas like Ancient Indian history, Sanskrit, Shaiva Siddhantha, Vaishnavism, Indian Music etc. In order to promote /integrate the local language, art and culture, compulsory activities as part of the curriculum have been adopted by the university. a series of literary activities related to culture are being offered in the form of discussions/interactions/symposiums etc in local languages. With reference to the implementation of Indian languages, the university offers the study of various Indian languages like Hindi, Telugu, Kannada, Malayalam, Sanskrit, Tamil etc through its departments. Conservation and promotion of languages and culture is one of the highest objectives of the university.

**20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

University of Madras offers 93 programmes through its 72 departments. All these programmes are offered as outcomes-based educations (OBE) which are planned focusing on the local and universal necessities. University of Madras has implemented outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes. Learning Outcome based Curriculum Framework had been implemented for all its programmes both in regular and distant programmes. All courses are designed with outcomes focused on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. The course objectives are aiming not only for the development of the domain-specific skills but the learning outcomes at all levels assure moral and ethical progress, societal awareness, as well as industrial/entrepreneur skills. The course content for all the programmes have been designed as it suits the economic and social needs and ultimately to develop a responsible citizen.

**21.Distance education/online education:**

The pride legacy of the University of Madras is definitely its distant education wing called IDE (Institute of Distance Education) which now develops a Centre for Distance and Online Education (CDOE) as per the UGC norms and in tune with the digital transformation in the higher education system. When the COVID -19 pandemic and the subsequent lockdown tremble the educational institutions in the country, IDE commenced the trend of online classes following the guidelines of the central and state governments. With the mechanism of Learning Management System-LMS, the university is about to launch 9 UGC recognized Online Programmes and 10 certificate/diploma programmes (a collaborative venture-UGC-CES&UNOM) through online mode. Online classes and online education has broken the geological barriers between the teacher and the students and also build interface of experts and students from remote localities. Implementation of a hybrid mode of education 'blended mode of teaching-learning is also encouraged by the distance education wing of the university combining online and offline resources. Faculties are encouraged to offer MOOC courses as part of this adaptation.

## Extended Profile

<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>86</b>
1.2 Number of departments offering academic programmes	<b>72</b>
<b>2.Student</b>	
2.1 Number of students during the year	<b>2894</b>
2.2 Number of outgoing / final year students during the year:	<b>1334</b>
2.3 Number of students appeared in the University examination during the year	<b>1334</b>
2.4 Number of revaluation applications during the year	<b>0</b>
<b>3.Academic</b>	
3.1 Number of courses in all Programmes during the year	<b>2829</b>
3.2 Number of full time teachers during the year	<b>240</b>
3.3 Number of sanctioned posts during the year	<b>475</b>
<b>4.Institution</b>	
4.1 Number of eligible applications received for admissions to all the	<b>8257</b>

Programmes during the year	
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	1859
4.3 Total number of classrooms and seminar halls	121
4.4 Total number of computers in the campus for academic purpose	362
4.5 Total expenditure excluding salary during the year (INR in lakhs)	59.75

## 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

University of Madras has right from its inception put Qualitative education with social relevance as its core curricular objective. The curricula for all the programmes have been framed to cater to the needs of the present day. The course contents are in line with International standards of subject content, hence our students smoothly adopt to higher studies abroad both at PG level and for Research.

After periodical analysis by the Board of Studies, many new courses have been introduced in the University. The course contents are in line with National and International standards. The Program Specific Objectives have led to course outcomes in terms of attending all competitive exams within the state and country.

The courses components of the programmes are aiming to inculcate the perception of inter, trans, and multidisciplinary approaches in higher education. They enhance capacity to think critically; ability to design and execute experiments independently and/or team under multidisciplinary settings.



All of the programs have a clearly defined set of outcomes which are assessed from times to time. Regular Board of Studies meetings, feedback from students, teachers, alumni and employers is used to update the programs, whenever required, and bring them in tune with the stated outcomes.

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

84

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

160

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

25

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

84

File Description	Documents
Upload the data template	<a href="#">View File</a>
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 Institution believes in integrating important social, environmental and ethical issues into our curriculum. Across all departments numbers of courses are offered that specifically focus on these issues. A course on environmental sciences is mandatory for all UG programs. Further departments from School of Humanities and Social Sciences offer courses with focus on professional ethics, labor laws, gender and feminism. Many departments from School of Technology offer courses which focus on ethics, environmental sustainability, green energy, e-waste management, green chemistry etc.

The institution offers courses in gender sensitization, environment and sustainability, human values and professional ethics are also offered by the Institution.

For the development of human values and professional ethics among the students compulsory courses like Human Rights Law, Law and Social Transformation and Environment Law are offered by the University.

University prescribed the course on Environmental law for creating awareness and developing importance of environment among students. Awareness about Environment is necessary for the protection of the environment and survival of human life.

Thus, the academic programmes of the University employ an interdisciplinary lens to understand multiple facets of human experiences, social, economic and political life to explore interconnections.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

253

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

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

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

4646

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

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

1334

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

## 1.4 - Feedback System

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

- All 4 of the above

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

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

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

File Description	Documents
Upload relevant supporting document	<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

1859

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

1560

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

#### 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

To deal with the diverse learners of the University, the first step is to identify the slow learners and advanced learners at the entry

level itself. The University has a counselling system that monitors the academic level and progress of students. Continuous Assessments is the main criterion for identifying the slow and advanced learners. From the granular level starting with mentors, a peer or a senior research scholar, guest faculties and the subject faculty are roped in to help them with additional coaching with the subject, based on the degree of assistance required and need of the student.

**For slow learners:**

Teachers provide additional help whenever required. The assigned Advisors provide personalized and regular support in selection of proper courses based on their aptitude, need and interest. Concepts are explained and re-explained during class hours and remedial sessions. Simplified study materials, practice sessions etc. complements the remedial activities.

**For advanced learners:**

Participation in seminars, debates, workshops, quiz sessions, problem solving/decision making exercises etc. Provision of additional reference material, assignments preparation on current and latest topics and various projects and assignments. Departments have academic counsellors for orientation and guidance for fast learners. Special tests as well as advanced study materials.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	Nil

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

Number of Students	Number of Teachers
2894	240

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

Learning abilities and styles differ among students in a class. To suit the varied learning requirements, a combination of methodologies are practiced by many departments apart from the traditional chalk-and-talk method of teaching. Nevertheless, one of the successful student-centric methods is to invite professionals from academia, industry and institutions to give guest lectures which provides an exposure to varied learning ways to students.

Hands-on experiences such as practical activities/ laboratory sessions, field trips and field surveys, workshops, and internship programmes give students the taste of experiential learning. Outreach programmes by certain departments like the awareness programmes, documentaries & short-films, dramas, poem writing based on the prescribed text complements experiential learning. In Physical Education, movement exploration based on command is a regular practice.

Group discussions, role plays, debates, quizzes, presentations give them participative learning experience. In Physical Education, team games and sports, are held. Contemporary world issues and case studies are discussed in class to enhance contextual problem-solving capabilities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The following ICT enabled tools are used by various departments as deemed appropriate.

1. **Informative tools:** Students are encouraged to browse the internet responsibly to collect, assimilate and analyze content, data and/or information for classroom discussions, project and assignment submissions; blog and microblog on their subjects to learn more and follow global academic authors.
2. **Audio-visual aids:** Voice recording, video recording and clippings, whiteboards, screening of subject-oriented short films are used. Platforms like Zoom, Google Meet, MS Teams are used to conduct classes, have healthy interactions and discussions.

3. **Constructive tools:** PowerPoint presentations with overhead projector (OHP), Wacom pend displays are used by some departments for making classroom sessions lively, creative and interactive.
4. **Communicative & Collaborative tools:** Google drive, i-cloud, WhatsApp, E-mail, Skype etc. are used widely for dissemination of academic information, study materials and real-time teaching-learning experience.
5. **ICT-enabled resources:** Madras University Library is the backbone of e-resources and e-content from various books, journals, theses etc. The reading areas in the library are Wi-Fi enabled.

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

240

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

240

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

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

210

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

### 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

8

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

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

25

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

## 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

30

#### 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

30

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

### 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

During the last five years several important reforms were made with the integration of IT into academics, research and administration to enhance efficiency and improve transparency in the University. With the application of IT, we have a fully integrated examination system in the University. In the last five years, automated almost all the admission and examination processes. These include student application form, admit cards, payment of admission and examination fees, attendance sheet generation, online submission of awards, results, marks sheet, provisional certificate and degree certificate generation. Entrance test syllabi, examination date sheets and other notifications. Important reforms were made to provide sufficient autonomy to departments in framing the examination schedules (in consonance with the academic calendar). This had a positive impact as departments could tailor the schedules as per the preparation time needed for the courses.

Other important reforms were also implemented which include developing facility for degree certificate generation and printing, windows for offline awards for result generation (including revised results), certificate printing on offline server, providing logins to department office assistants for downloading the attendance sheets for the conduct of the examination etc.

The institution has successfully planned and conducted the online examination for all the programmes when the COVID-19 and lockdown necessitate it with the direction of the state government.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

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

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

## 2.6 - Student Performance and Learning Outcomes

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

The program, as well as the course outcomes, is clearly stated in the syllabiso as to ensure that the objective of the course or program, in imparting a skill and knowledge set, is achieved. The outcomes are communicated to students and teachers through various means. All Schools/ Departments at Madras University have defined the general outcomes and programme specific outcomes after extensive consultation with the course co-ordinators and faculty members of the respective department. They are framed in conformance to the objectives of Outcome Based Education by HEIs. The Course Objectives and Outcomes are framed to meet the respective course offered and to cover the umbrella Programme Outcomes. The same are ratified by the respective statutory body and the information about the same are disseminated and embedded to all stakeholders in various ways as follows:

- The University Prospectus, which is published every year, has the broad outcomes of each program.
- Website: Syllabus and Learning Outcome Based Curriculum Framework (LOCF) uploaded in every department.
- Files: Course files and respective department files
- The outcomes are also communicated to students during new-student orientation programs as well as individual advising sessions. Both of these activities are a regular feature.

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

The assessment of program outcomes, program specific outcomes and course outcomes starts from when the syllabi are updated during

various Boards of Study based on any gaps identified through student feedback, student performance level in examinations and input from faculty and alumni.

Further, as the objectives of every program and courses are well defined, the University assesses the attainment outcomes using the following methods

- **Direct Method:** This is through the performance of the students in the internal assessments, scores obtained on assignments which are part of the internal assessment and scores obtained in the end-semester examination. Final marks obtained by the students which is a combination of internal and end-semester examinations enables the assessment of course outcomes for every course offered. The University Students Advisory Bureau (USAB) is a dedicated placement cell.
- **Indirect Method:** The Alumni Meet conducted by the departments and the employment places/ levels of the students is vital information on the relevance of the curriculum based on which course outcomes and programme specific outcomes are founded. The career achievements of the students close to the walls of the course they studied is another indirect way of assessing the outcomes of the course and programme offered.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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

1334

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

### 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://www.unom.ac.in/webportal/uploads/igac/analysis/satisfaction/report\\_on\\_student\\_satisfaction\\_survey\\_2020\\_21.pdf](https://www.unom.ac.in/webportal/uploads/igac/analysis/satisfaction/report_on_student_satisfaction_survey_2020_21.pdf)

## 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

In accordance with the Madras University Act 1923, the University has to frame and implement regulations relating to the conduct of academic programmes and examinations leading to the award of Ph.D. and Post-Doctoral Degrees and recognition of teachers in higher educational institutions as Research Supervisors and recognition/affiliation of Research Departments and Institutions.

To create an ecosystem for research a well-defined policy for providing seed grant for faculty members was introduced.

Every department offering the research programs has a Student Research Advisory Committee (SRAC) and Departmental Research Committee (DRC). The research coordinator will be nominated by the University. SRAC for each Ph.D. scholar is proposed by the research supervisor to the DRC for approval. After proper scrutiny and necessary change, if any, the proposals are recommended to the Board of Research Studies for consideration. Further, each DRC regularly notifies a list of research supervisors and their specializations for information of potential scholars.

Annual report with details of progress of course work and research work assessed in the two RAC meetings during the year, seminars attended and papers published by the candidate shall be prepared by the candidate and submitted through Supervisor and Head of Institution.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

78.33

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

60

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

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

394

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

### 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

40

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

### 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)**

193

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)**

193

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

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

193

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

### 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

TBI-UNOM is hosted by University of Madras which is one of the

oldest Universities in the country having been established in the year 1839 with the overarching aim to provide a platform for engaging students in innovation driven ventures while being mentored and guided by experienced faculty.. University of Madras has several Departments and Centres of Excellence broadly grouped as Chemical, Physical, Material, Biological and Basic Medical Sciences spread over at 2 campuses -- Guindy and Taramani . The University faculty members of these science groups with rich research and development background provide mentoring and technical guidance to the start ups. Currently TBI-UNOM has two physical incubatees and offering virtual services to four incubatees.

Besides promotion of entrepreneurship TBI-UNOM is also engaged in the promotion of innovation. Currently TBI-UNOM is mentoring twelve innovators who have availed Technopreneur Promotion Programme (TePP) grants from DSIR and the projects are at various stages of progress. Recognizing the work carried out by the TBI-UNOM, DSIR has granted the status of TEPP Outreach Centre (TUC) which is one amongst twenty nine outreach centres in the country.

**Activities:** Organized several entrepreneurship awareness camps and technical workshops on digital marketing, public relation workshop etc.

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

175

#### 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

175

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

92

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

### 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**

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

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

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards **A. All of the above**  
 Commendation and monetary incentive at a University function  
 Commendation and medal at a University function  
 Certificate of honor  
 Announcement in the Newsletter / website

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

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



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

19

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

**3.4.4 - Number of Ph.D's awarded per teacher during the year****3.4.4.1 - How many Ph.D's are awarded during the year**

211

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

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

1200

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

**3.4.6 - Number of books and chapters in edited volumes published per teacher during the year****3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year**

600

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

**3.4.7 - E-content is developed by teachers For e- D. Any 2 of the above  
PG-Pathshala For CEC (Under Graduate) For**

### SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

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

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

Scopus	Web of Science
3642	3279

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	No File Uploaded

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

Scopus	Web of Science
19	24

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

### 3.5 - Consultancy

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

The institution had a clear vision for its future growth and devised an effective Consultancy Policy from the very outset. The consultancy section of the University of Madras evolved into a "University Industry Community Interaction Centre" in 1997 with the following objectives:

- To create a data base on the needs of Industries in the country and launch an Industrial Associateship programme
- To coordinate R&D projects between University departments and Industries
- To assist in signing of MOU and development of IPR/patents
- To offer testing/material characterization and certification facilities
- To offer training programmes for small/medium scale industries certificate/diploma courses
- To develop specialized continuing education programmes for industrial and social action agencies

#### Consultancy Rules:

The services/consultancy provided may be of the following types: I. Institutional Consultancy, II. Individual Consultancy and III. Technical services

Institutional consultancy relates to advice rendered to an industry/organization, by a department/group/individual on behalf of the University. Service Consultancy may be University equipment, but consumables or other materials are not required. Achievements: The UICIC has so far operated 295 projects/courses/training programmes worth Rs.6.74 crore.

Partnership / Collaboration: A number of industrial partners are closely working with departments of the University in various research areas.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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)

665.95

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

### 3.6 - Extension Activities

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

The National Service Scheme was introduced in the University of Madras as early as 1969. There are two kinds of programmes i.e., the Regular Programme, which is organised throughout the year and another is the Special Camping Programme, which is organized at the adopted village for ten days, these programmes are planned and executed in the light of guidelines framed by the Central and State Governments, with the view to develop the personality of the student and to develop the community at large.

Of the various activities given below, achievable and realizable targets are furnished for each of them, taking into consideration all the practical difficulties.

- College level Advisory committee formation
- Enrollment of NSS Volunteers
- Rescue Squad formation
- Village adoption and survey
- Mass Tree Plantation
- Literacy
- One 'AIDS Awareness' Programme per college per year
- One Blood Donation Camp per college per year
- Immunization Programme
- Career Guidance Programme in each College.
- Sensitizing the any two of the following (for village Community)

University Students Advisory Bureau: The University Students Advisory Bureau extending its services to the students, and the Public by undertaking ample sort of activities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**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**

22

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

**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)**

72

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

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

5587

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

### 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**

105

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

### 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

24

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

The University is facilitated with a sufficient number of classrooms, technology enabled learning spaces, seminar halls, laboratories, specialized facilities, equipment for teaching, learning and research etc. Sufficient numbers of well-ventilated, well-furnished classrooms are available for conducting theory classes. Many of the class rooms are ICT enabled. Seminar halls are equipped with speakers, microphones along with LCD projectors, LCD screens, white boards and public addressing systems. Laboratories are well equipped and maintained so that students can carry out both curriculum and research related activities. Laboratories are equipped with latest instruments along with high speed Wi-Fi networks. Student - computer ratio is 1:8 the allotment ratio in the lab is 1:1. Well-equipped Library functioning from 08.00 am to 8.00 pm. The Library has the subscription for online resources such as e-Journals, eBooks, Databases, etc. Digital Library is functioning by 24X7; staff, students and research scholars can access to e resources anywhere anytime through remote access. Department Library also exists in all the departments for immediate reference by their staff and scholars.

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.)

The institution has state of the art facilities as follows:

**Auditorium:** The Auditorium at Chepauk Campus is about 60 years old with a build-up area of 4722 Sq.m. It was constructed in the year 1965 and is in continues use till date. The Auditorium is having a fixed seating capacity of 3200 push back seats. The auditorium is fully air conditioned with the capacity of 300TR.

**Physical Education:** University has been geographically divided into Two Men and Two Women Zones (936teams). Each Zone organizes tournaments within and selects teams for Inter-Zonal participation. Madras University teams are selected during the Inter-zonal tournaments. Selected teams undergo vigorous training programme under N.I.S Coaches. More than 19,000 (Nineteen Thousands) students get competitive experience from the zonal and Inter - zonal competition organized by the Madras University every year.

**Infrastructure:**

- A Multipurpose Outdoor 400 Mts Athletic Track with 8 Lanes In 6.5 acres.
- Outdoor Hockey Field, Football Field, Cricket Ground, Handball Court, Kabaddi Court, Kho-Kho Court, Ball Badminton Court, Volleyball Court, Basketball Court, Tennis Court
- Multi Purpose Gym with 16 Stations
- Fitness Centre with Sports Science backup, 25 x 32 mts.
- Yoga Hall

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

4.1.3 - Availability of general campus facilities and overall ambience

One of the unique features of our University is its five 5 campuses beautifully landscaped with trees, lawns and park which make the campus environment manifestly green.

Large academic and administrative edifices with open corridors and large playground in the campus invite academics and scholars to indulge in creative and innovative learning activities.

Vehicle parking facilities have been also provided in all the campuses.

The University Guest House is well furnished.

The university also have 3 bank ATM, a central canteen, Generator Power Back Facilities.

Presently, there is a PG Boys Hostel and a Girls Hostel. The main campus has well equipped auditoriums (3200 seating capacity).

University Library is called as Mother Library of all the Academic Libraries of south India. As it is very old Academic Library which is fully automated also able to provide access to 3.5 lakhs of its documents consists of rare books, manuscripts, back volumes, theses and pamphlets and fine arts collection through its OPAC.

Moreover, University facilitates with Students Amenities Centre, Ramps for Disabled, Five lifts, Animal House Facilities ,Chemical Science Auditorium ,GNR Instrumentation Centre, RUSA Hub, Networking Internet Center, R.O Plants for Drinking water.

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)

59.75

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



## 4.2 - Library as a Learning Resource

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

Madras University Library is called as Mother Library of all the Academic Libraries of south India was established in 1907.

The library provide access to 3.5 lakhs of its documents consists of rare books, manuscripts, back volumes, theses and pamphlets and fine arts collection through its OPAC (Online Public Access Catalogue) along with its Web OPAC. The automation process started in 1998 with the through UGC-Inflibnet RECON Project.

Initially, the library used UGC-Inflibnet software SOUL-1.0 and it switched over into Soul 2.0 in the year 2011. And recently the library adopted SOUL 3.0 of the UGC-Inflibnet centre.

Being one of the pioneers in the UGC-Inflibnet consortium, it provides access to more than 120 University Libraries catalogue of the country through Union Catalogue of Infonet consortia. The facilities such as Virtual Library, e-Shodhsindhu, reprography and services like UGC Infonet - Inter Library Loan services, huge number of open accesses resources and J-Gate platform are present.

By uploading more than 13 thousands digitized theses, the University is placed in the first position among the Universities as e-shodhsindhu ETDs reservoir.

The virtual resources of the library are channelized to the desktops of all the faculties as well through INFED for the remote access.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**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**

**A. Any 4 or all of the above**

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)

49.39

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)

387

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

121

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

University Network & Internet Operations (2004) to facilitate and provide networking and Wi-Fi facility for researchers and students. This facility enables Researchers, Academics, Students and Administration to use information and communication technologies and expertise to achieve and maintain knowledge superiority essential for the academic education and in research space.

All the four campus has centralized Network Operating Centre operational on 24 x 7 basis and also a centralized control center where Administrator and IT supporting staff constantly monitor the campus network, manage, identify and solve the network and Wi-Fi

related issues.

The sophisticated equipment's (Router, Firewall, farm of Servers, Layer3 switches, L2 switches and Wi-Fi controllers etc.) connected to uninterrupted power supply (UPS) for uninterrupted service.

University desktops computers and Information Technology labs are provided with Internet security Anti-virus software and connected to local area network. WIFI facility was installed with latest Cisco wireless controller and wireless access points in Guindy and Taramani Campus, and Aruba wireless controller and wireless access points in Chepauk and Marina Campus. The Wi-Fi facility is extended to all buildings, laboratory, hostels, Seminar halls, conference rooms and other common areas in the campus.

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
2894	362

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

- ?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	No File Uploaded

#### 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

659.2

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

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

The University ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees.

**Laboratory:** Record of maintenance account is maintained by lab technicians, Lab in-charge and supervised by HODs of the concerned departments. The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises

**Library:** The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Registrar/VC. The maintenance of the reading room and stock verification of library books is done regularly by library staff.

**Sports:** a College sports in charge for the maintenance of sports equipment/Gym equipment.

**Computers:** Each Department having appropriate computer for their requirements with Internet and WIFI.

**Classrooms:** The University has various committees for maintenance and upkeep of infrastructure of class rooms.

In addition there are lab technicians in every department, persons for Regular maintenance of Computer Laboratory equipments, Regular cleaning, maintenance of the campus, campus directors of central offices of campuses for monitoring, Assistant registrar, sergeant, and electrician, Hostel monitoring committee.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 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)**

733

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

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

37

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

**5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases**

• All of the above

**Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

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

## 5.2 - Student Progression

### 5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

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

44

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

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

226

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

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

13

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

### 5.3 - Student Participation and Activities

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

31

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

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

In accordance with the University Statutes the institution has a Student's council in place with representations from each class. The Council includes one male and one female student from each semester nominated by the concerned Deans of the School. Council always remains at the forefront in raising different issues with the University administration faced by the student community. The Council is divided into four major functional groups: (1) Hostel Committee (2) Cultural Committee (3) Sports Committee (4) Academic Affairs Committee (5) Editorial Committee and (6) Campus Improvement Committee. The Student Council under the aegis of Dean of Students is at the forefront of student developmental activities and grievance redressal mechanism of the University. The Council acts as a bridge between the students and the academic / administrative offices of the University. The Student Council organizes number of events which help students to participate in dialogue and deliberations with a number of dignitaries from within and outside of the country with the objective of overall development of students.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

0

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

## 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

The University of Madras is the Academic gateway for many eminent leaders and scholars. Prominent alumni include an array of illustrious individuals including Nobel laureate C. V. Raman, Srinivasa Ramanujan, former presidents Sarvepalli Radhakrishnan, V. V. Giri, Neelam Sanjeeva Reddy, R. Venkataraman and A.P.J. Abdul Kalam, M.G. Ramachandran and CN Annadurai etc.

Madras University Alumni Association had been started in 1979. In 1998, Madras University Alumni Association was registered as a Society and now we are rejuvenating the alumni association in the year of 2021, under the leadership of Vice-Chancellor, Prof. Dr. S. Gowri, University of Madras.

The Alumni Association of the University of Madras continue to foster and enrich the relationship between alumni and their treasured academic roots.

To exemplify this, the Department of Commerce is running a dominant Alumni Association under the name "MUCAA" (Madras University Commerce Alumni Association" . Every year, the alumni meeting is organised in which the alumni members take part actively and share their ideas and plans for the progress of the students as well as for the growth of the Department. Many alumni members help our department students to get placed at their respective Organisations.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**      A. ? 5Lakhs



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

## 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 with His Excellency the Governor of Tamil Nadu as Chancellor at the helm followed by the Hon'ble Minister for Higher Education, government of Tamil Nadu, as the Pro-Chancellor. The Vice Chancellor as the principal Executive Officer is vested with authority and responsibilities well delineated in the statutes of the University of Madras.

**Vision**As a sesquicentennial institution and a stepladder in the field of higher education and research, the university has a multi-pronged vision of advancing knowledge through research, imparting higher education, inculcating socially relevant values with excellence in all pursuits.

**Mission**To impart quality higher education in consonance with our motto "learning promotes natural talent", we strive to develop citizens with knowledge, skill and character leading to societal transformation and national development. We aim at making our students, men and women, to offer their selfless service for the progress of the country and people.

"Doctrina Vim Promovet Insitam" (Latin) - "Learning Promotes Natural Talent" is seen extensively in all the deeds of the university. In order to promote and extend, this gracious dictum, the University is disposing a bouquet of activities and most of them are learner-centric i.e. to expand the learning to the greatest segment of the learner-community.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The university has clearly spelt out Mission and perspective plan.

The structures, powers and functions of the various bodies are clearly stated. Attempt is being made to democratize the process of governance. The organizational structure is roughly divided into academic and administrative components.

The effective and transparent governance and administration starts with an efficient leadership which sets the values that promotes participative decision-making process with the aim of achieving the vision, mission and goals of the university and to create dynamic, contributing and conducive administrative customs. The decision making bodies in the university which are constituted by the formal and informal arrangements and the committed leaders of various statutory bodies of the university synchronize the academic and administrative planning and execution. All these practices of decentralization and participative management are ultimately aims at achieving its vision.

#### Decentralization and Participative Management

The University of Madras has pioneered the process of decentralization of higher education.

The Syndicate of the University and the Vice Chancellor provide effective leadership to the university with the organizational hierarchy significantly de-centralized in its decision-making powers by providing both academic and financial autonomy. The faculty in the departments has absolute autonomy in the designing of the curriculum, conduct of programmes and evaluation of the same.

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

The vision and mission in consonance with its preserved tradition and also interweaving modernity is visible in all the institutional strategic planning. The planned vision to advance knowledge through short term and long term planning by linking the administrative and academic connection between the various schools and centres and the mainstream administration of the university is evident in its planning and deployment.

The university undertakes both long term and short term planning to

ensure that it progresses on its well laid out multipronged vision of quality in teaching and research, community and industry engagement, internationalization and human resource development. Based on an international pattern, there is a Planning and Development Board in the University, which serves as a think-tank and co-ordinates the overall planning of the University.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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.

University of Madras is the alma mater of almost all the state universities in south India. The core values of the University which are rooted in its policy guidelines, Acts and statutes are reflecting in the establishment of the administrative bodies. The Organizational structure of the institution covers The Senate, The Syndicate, The Academic Council, The Faculties, The Finance Committee, The Boards of Studies, His Excellency the Governor of Tamil Nadu is the Chancellor of the University. The Vice-Chancellor who is appointed for a term is the Principal Executive Officer. The Registrar of the University, who is the Secretary of the Syndicate, is the custodian of all the records and Chief Administrator of the university. Besides divergent measures and service rules are followed during selection and appointment of manpower. There is an open recruitment policy in the university. Due consideration is given to socio-economically backward citizens in the form of Communal Roaster. The university has rightly decided to recruit the posts of Assistant professors, Associate professors and Professors on a priority basis. There is no system of writing confidential reports on the employees. Only Performance Appraisal Reports are called for while considering incumbents for promotion.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

6.2.3.1 - e-governance is implemented covering A. All of the above following areas of operation

1. Administration
2. Finance and Accounts

### 3.Student Admission and Support

#### 4.Examination

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

Quality in teaching is the essence for improving learner outcomes and achievements. The University of Madras has a well thought-out scheme to assess the performance of teaching staff members. It is vital that the advance of the faculty extend their inspiration and obligation to the institution. Consequently, the university has an ingenious performance appraisal system following The UGC Regulations.

The administrative system of the university have established a set of well-defined System for the Self appraisal, promotional criteria and welfare measures for both the teaching and non-teaching staff members to assure employee welfare. The university has structured an approach to appraise the performance of the teaching and non-teaching staff members which is carried out periodically.

There is an open recruitment policy in the university. Due consideration is given to socio-economically backward citizens in the form of Communal Roaster. The university has rightly decided to recruit the posts of Assistant professors, Associate professors and Professors on a priority basis. There is no system of writing confidential reports on the employees. Only Performance Appraisal Reports are called for while considering incumbents for promotion.

The administration system of the university has established a set of divergent welfare measures to ensure employee welfare.

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**

2

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

18

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)

53

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

The university is mobilizing funds from various external resources through participation/contribution/consultancy from individual Indians or non-resident Indians, Alumni Associations, public and family trusts, industrial / business houses, cooperatives, professional associations, unions /association of employees, municipalities / panchayats, MP/MLA/Counselors' funds. The university has improved financially as not only it has attracted grants to its various departments from UGC, DST or State Government but is earning substantially from its distance education wing. The revenue from the distance education department, Institute of Distance Education was at the record during 2020. University budget is prepared on the lines of the model budget recommended by the UGC. There were also

substantial grants in the form of research projects. The research activities of the University of Madras are primarily funded by the agencies such as UGC, DST, DBT, CSIR, ICSSR, ICHR, GOI, Government of Tamil Nadu, World Bank, UNDP, UNICEF, etc., Broadly, there are two types of funding: Schemes relating to the Departments/University and (ii) research projects to faculty members. The university has a precise system to scrutinize the deployment of available financial resources. Apposite utilization of financial resources is planned at the beginning of every financial year.

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)

462.477

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

18.28

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

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

The institution has a mechanism for internal and external audit to ensure financial compliance. Audit mechanism in the institution is carried out at three levels to ascertain integrity, accuracy, consistency, transparency and compliance of the financial transactions. The details of the types of audits are enumerated below:

Three types of audit are being practiced in the University of Madras

1. Internal Audit - Day to day affairs and routine financial matters
2. Local Fund Audit - Post financial matters
3. AG Audit - Every 5 years relating to grants and government financial matters. Besides, Academic and Administrative Audit (AAA) has also been done.

**Internal Audit:** All bills/receipts and vouchers are audited yearly by an internal financial audit committee.

**External Audit:** As per the Government directive annual external audits are conducted regularly right from the inception of the university. A financial consultant and his team conduct the audit after the internal audit.

The accounts are regularly audited by the Local Audit Department of the Government of Tamil Nadu.

Besides this, Test Audit is done by the Accountant General of India. A.G. Audit is being conducted once in every five years. Academic and Administrative Audit (AAA) is conducted by inviting external subject expert in each discipline other than Madras University.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 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 of the university has been relentlessly and consistently striving to enhance the effectiveness of teaching - learning process within the institution. Practice 1: Academic Audit:

Another innovative system introduced by the IQAC is the academic audit of the examination and evaluation. An external expert in the rank of a Professor from another premier University is invited to review the materials and prepare a report in a prescribed format. The external expert gives his/her opinion about the syllabus and question paper standard in comparison with top universities in India and also his/her views about the valuation of the teachers. The IQAC Director/Co-coordinator consolidates such reports and forwards to

the department with the approval of the University authorities.

**Practice 2: Students' Feedback:** One of the important activities of the Cell is to develop instruments to obtain feedback from the students. The complete feedbacks from the students are analyzed by the IQAC and subject -teacher wise scores are generated. With the approval of the university authorities the scores are intimated to the faculty members through the Heads of the Departments. The feedback system is an integral part the curricular and pedagogic review.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken** A. Any 5 or all of the above  
**Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Upload the data template	No File Uploaded
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)**

The administrative and academic system of the university has been persistently striving to augment the quality related measures through various enterprises which are reflected in almost all the activities of the institution and especially in the effectiveness of teaching - learning process within the institution. With this end as focus, quite a lot of reforms have been brought in sporadically to assimilate flexibility, quality, innovation, critical thinking, research course and agility with the existing teaching - learning process. The same is discussed with a few practices instituted as



part of the quality enhancement measures in the last five years. As a testimony, the University of Madras is ranked NIRF 41 Rank in the year 2017, 18 Rank in the year 2018, 20 Rank in the year 2019, 20th in the year 2019, 21st in the year 2020 and 28th in the year 2021. As per the recommendations of the Third Cycle of the NAAC committee, the institution has made the following initiatives with regard to its administration and academic arena. Preparing Policy Note to submit the same to Government of Tamil Nadu for Budget session- Preparing proposal and progress report for the special programmes of the Government of Tamil Nadu, Planning Commission, recruitment initiative etc

File Description	Documents
Upload relevant supporting document	No File Uploaded

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

Gender inclusivity in the forms of gender equity and gender sensitization is accorded highest priority in the cultural philosophy of the University of Madras. The measures taken by the institution in this direction is in line with the principle of gender equality enshrined in the Indian constitution which advocates for positive bias in favor of gender equality and women empowerment. Gender Equity & Sensitization in Curricular Activities are conducted. In a sesquicentennial institution with an illustrious tradition, the Department of Women's Studies seeks to highlight the role and contribution of women in the Higher Education sector as well as society at large. The curriculum of the academic programmes from this department covers various gender specific areas. In the last 5 years, a total of 46 programmes at national /international/regional levels on a range of women-oriented titles were conducted through the department of Women's Studies. Gender Specific Services: The University gives at most importance to safety and security of its learners and employees. The university has very effective counselling procedure and separate common room for boys and girls as it believes in the overall well-being of its learners. Safety and Security, Gender Equity promotion programmes are organized by the institution.

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

**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

The institution has appropriate mechanism for disposal of solid, liquid, biomedical, e-waste and hazardous wastes that are degradable and non-degradable. It also has an effective waste recycling system. The solid waste generated on campus is segregated into wet, dry, garden, sanitary and E-waste. Dry waste mainly comprising of plastic, paper and metal waste is disposed of through an authorized external agency Tamilnadu State Pollution Control Board (TSPCB) which in turn will procedurally segregate and recycle them. Liquid Waste Management- Sewage, laboratory, laundry, hostel and canteen effluent waste is treated using Sewage Treatment Plant (STP) having a capacity of 120 KLD. 85 KLD of Reverse Osmosis (RO) processed water will be used for beautifying the landscape and garden. Waste Recycling System. The Dry waste generated like papers and hard bound sheets are used by School of Architecture as raw material for their studio works, Portfolios and for preparing basic furniture for structures from waste. E-waste Management-All departments ensure to

optimally utilize electronic resources available. Technical department will ensure to reuse electronic resource where ever possible. Equipment which cannot be reused even after repair are dismantled and sent to recycle units through and external agency involved in e- waste collection. Radiation Safety Officers: Institution has a Radiation Safety Officer.

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:** A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

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:** A. Any 4 or all of the above

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.**

**A. Any 4 or all of the above**

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)

University of Madras has an extensive range of diversities across the students and staff members. The stakeholders of the institution hail from diverse, socio-economic backgrounds, states, regions, localities, linguistic and cultural backgrounds. The institution has numerous practices to ensure inclusion of diverse groups to create a sense of representation and belongingness in them. Activities are conducted on the campus to ensure inclusivity of diverse population. The robust institutional health of the University of Madras is based on a three branched strategy of Expansion, Inclusion and Excellence. The University has registered an increase in student strength in addition to the growing numbers in the Distance Education Stream. The policies of Inclusion at the University of Madras have brought underprivileged and marginalized sections into the educational mainstream. Reservations in doctoral admissions, fee exemption for physically challenged, fee concession for women in the IDE admission

have resulted in women outnumbering men in University admission. The University's commitment to Excellence is evident in the number of high impact publications, cutting edge research and increased placement rates. In order to sensitize the students to be socially responsive to the needs of the underprivileged sections of the society, NSS club engages them in social immersion, programmes and activities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The peace, harmony and discipline on the campus are appreciated, and are conducive to Academic work and career aspirations. Activities conducted for promotion of universal Values and Ethics: Food Safety Awareness, Yoga workshop to School Students, Sanitation and Hygiene in Rural India - campus cleaning, classroom cleaning, Library Cleaning, Orphanages Cleaning, Food Safety Awareness, Massive Tree Plantation Programme Organising Forest Department, Nilalgal-NGO, Exnora International NSS Co-coordinator 60 Programme Officers of affiliated Colleges students 13,000 ii) Activities Smokeless Bogi - Awareness Organising Department of Health, Govt. of Tamil Nadu Corporation of Chennai NSS Co-ordinator 9 programme officers of affiliated Colleges students 900. NSS of the University received Indira Gandhi 2011 Award. NSS Unit of the University of Madras has conducted several environment awareness campaigns and has conducted tree plantation drive on our campuses. Students have participated in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year. Extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year.

**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** All of the above

### 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

Our University is a happening place full of activities in all domains throughout the year in order to maintain harmony and healthy work atmosphere and to make the learners aware of the national pride and rich cultural heritage. To this effect, the University makes conscious efforts to celebrate important national, religious and regional festivals. The Independence day and the Republic day hold a special place in national pride. These days are celebrated with full enthusiasm and spirit at the head quarters, regional centres and learner support centres. These involve flag hoisting and cultural events wherein the faculty, staff and learners participate. On these National festivals, the University invites and honors freedom fighter/Army officials. Similarly, the religious festivals of different religions are celebrated with same energy and participation. The celebrations on Holi, Deepawali, Pongal and Christmas hold special place. Of late, the celebrations on the international Yoga day have also become an important event in the University calendar. Yoga Day is celebrated in the Campus in the early morning between 6 am to 8 am. Academic activities like quizzes, debates and declamation contests et. On the occasion of Gandhi Jayanti week eminent scholars are invited to deliver extension lectures.

## 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

University of Madras has right from its inception put Qualitative education with social relevance as its core curricular objective. The curricula for all the programmes have been framed to cater to the needs of the present day. The course contents are in line with International standards of subject content, hence our students smoothly adopt to higher studies abroad both at PG level and for Research.

After periodical analysis by the Board of Studies, many new courses have been introduced in the University. The course contents are in line with National and International standards. The Program Specific Objectives have led to course outcomes in terms of attending all competitive exams within the state and country.

The courses components of the programmes are aiming to inculcate the perception of inter, trans, and multidisciplinary approaches in higher education. They enhance capacity to think critically; ability to design and execute experiments independently and/or team under multidisciplinary settings.

All of the programs have a clearly defined set of outcomes which are assessed from times to time. Regular Board of Studies meetings, feedback from students, teachers, alumni and employers is used to update the programs, whenever required, and bring them in tune with the stated outcomes.

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

84

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

160

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

25

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

84

File Description	Documents
Upload the data template	<a href="#">View File</a>
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 Institution believes in integrating important social, environmental and ethical issues into our curriculum. Across all departments numbers of courses are offered that specifically focus on these issues. A course on environmental sciences is mandatory for all UG programs. Further departments from School of Humanities and Social Sciences offer courses with focus on professional ethics, labor laws, gender and feminism. Many departments from School of Technology offer courses which focus on ethics, environmental sustainability, green energy, e-waste management, green chemistry etc.

The institution offers courses in gender sensitization, environment and sustainability, human values and professional ethics are also offered by the Institution.

For the development of human values and professional ethics among the students compulsory courses like Human Rights Law, Law and Social Transformation and Environment Law are offered by the University.

University prescribed the course on Environmental law for creating awareness and developing importance of environment among students. Awareness about Environment is necessary for the protection of the environment and survival of human life.

Thus, the academic programmes of the University employ an interdisciplinary lens to understand multiple facets of human experiences, social, economic and political life to explore interconnections.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

253

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

<b>1.3.3 - Total number of students enrolled in the courses under 1.3.2 above</b>	
<b>1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year</b>	
4646	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>1.3.4 - Number of students undertaking field projects / research projects / internships during the year</b>	
1334	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni</b>	<ul style="list-style-type: none"> <li>All 4 of the above</li> </ul>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>1.4.2 - Feedback processes of the institution may be classified as follows</b>	<ul style="list-style-type: none"> <li>Feedback collected, analysed and action taken and feedback available on website</li> </ul>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	

<b>2.1.1 - Demand Ratio</b>	
<b>2.1.1.1 - Number of seats available during the year</b>	
1859	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>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)</b>	
<b>2.1.2.1 - Number of actual students admitted from the reserved categories during the year</b>	
1560	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>2.2 - Catering to Student Diversity</b>	
2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners	
<p>To deal with the diverse learners of the University, the first step is to identify the slow learners and advanced learners at the entry level itself. The University has a counselling system that monitors the academic level and progress of students. Continuous Assessments is the main criterion for identifying the slow and advanced learners. From the granular level starting with mentors, a peer or a senior research scholar, guest faculties and the subject faculty are roped in to help them with additional coaching with the subject, based on the degree of assistance required and need of the student.</p> <p>For slow learners:</p> <p>Teachers provide additional help whenever required. The assigned Advisors provide personalized and regular support in selection of proper courses based on their aptitude, need and interest. Concepts are explained and re-explained during class hours and</p>	

remedial sessions. Simplified study materials, practice sessions etc. complements the remedial activities.

For advanced learners:

Participation in seminars, debates, workshops, quiz sessions, problem solving/decision making exercises etc. Provision of additional reference material, assignments preparation on current and latest topics and various projects and assignments. Departments have academic counsellors for orientation and guidance for fast learners. Special tests as well as advanced study materials.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	Nil

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

Number of Students	Number of Teachers
2894	240

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

Learning abilities and styles differ among students in a class. To suit the varied learning requirements, a combination of methodologies are practiced by many departments apart from the traditional chalk-and-talk method of teaching. Nevertheless, one of the successful student-centric methods is to invite professionals from academia, industry and institutions to give guest lectures which provides an exposure to varied learning ways to students.

Hands-on experiences such as practical activities/ laboratory sessions, field trips and field surveys, workshops, and

internship programmes give students the taste of experiential learning. Outreach programmes by certain departments like the awareness programmes, documentaries & short-films, dramas, poem writing based on the prescribed text complements experiential learning. In Physical Education, movement exploration based on command is a regular practice.

Group discussions, role plays, debates, quizzes, presentations give them participative learning experience. In Physical Education, team games and sports, are held. Contemporary world issues and case studies are discussed in class to enhance contextual problem-solving capabilities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The following ICT enabled tools are used by various departments as deemed appropriate.

1. **Informative tools:** Students are encouraged to browse the internet responsibly to collect, assimilate and analyze content, data and/or information for classroom discussions, project and assignment submissions; blog and microblog on their subjects to learn more and follow global academic authors.
2. **Audio-visual aids:** Voice recording, video recording and clippings, whiteboards, screening of subject-oriented short films are used. Platforms like Zoom, Google Meet, MS Teams are used to conduct classes, have healthy interactions and discussions.
3. **Constructive tools:** PowerPoint presentations with overhead projector (OHP), Wacom pend displays are used by some departments for making classroom sessions lively, creative and interactive.
4. **Communicative & Collaborative tools:** Google drive, i-cloud, WhatsApp, E-mail, Skype etc. are used widely for dissemination of academic information, study materials and real-time teaching-learning experience.
5. **ICT-enabled resources:** Madras University Library is the backbone of e-resources and e-content from various books, journals, theses etc. The reading areas in the library are Wi-Fi enabled.

File Description	Documents
Upload relevant supporting document	No File Uploaded
<b>2.3.3 - Ratio of students to mentor for academic and other related issues during the year</b>	
<b>2.3.3.1 - Number of mentors</b>	
240	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>2.4 - Teacher Profile and Quality</b>	
<b>2.4.1 - Total Number of full time teachers against sanctioned posts during the year</b>	
240	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>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</b>	
210	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>2.4.3 - Total teaching experience of full time teachers in the same institution during the year</b>	
<b>2.4.3.1 - Total experience of full-time teachers</b>	
8	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

25

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

**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**

30

**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**

30

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

**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

During the last five years several important reforms were made with the integration of IT into academics, research and administration to enhance efficiency and improve transparency in the University. With the application of IT, we have a fully integrated examination system in the University. in the last five

years, automated almost all the admission and examination processes. These include student application form, admit cards, payment of admission and examination fees, attendance sheet generation, online submission of awards, results, marks sheet, provisional certificate and degree certificate generation. entrance test syllabi, examination date sheets and other notifications. Important reforms were made to provide sufficient autonomy to departments in framing the examination schedules (in consonance with the academic calendar). This had a positive impact as departments could tailor the schedules as per the preparation time needed for the courses.

Other important reforms were also implemented which include developing facility for degree certificate generation and printing, windows for offline awards for result generation (including revised results), certificate printing on offline server, providing logins to department office assistants for downloading the attendance sheets for the conduct of the examination etc.

The institution has successfully planned and conducted the online examination for all the programmes when the COVID-19 and lockdown necessitate it with the direction of the state government.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

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

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

## 2.6 - Student Performance and Learning Outcomes

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

The program, as well as the course outcomes, is clearly stated in



the syllabus as to ensure that the objective of the course or program, in imparting a skill and knowledge set, is achieved. The outcomes are communicated to students and teachers through various means. All Schools/ Departments at Madras University have defined the general outcomes and programme specific outcomes after extensive consultation with the course co-ordinators and faculty members of the respective department. They are framed in conformance to the objectives of Outcome Based Education by HEIs. The Course Objectives and Outcomes are framed to meet the respective course offered and to cover the umbrella Programme Outcomes. The same are ratified by the respective statutory body and the information about the same are disseminated and embedded to all stakeholders in various ways as follows:

- The University Prospectus, which is published every year, has the broad outcomes of each program.
- Website: Syllabus and Learning Outcome Based Curriculum Framework (LOCF) uploaded in every department.
- Files: Course files and respective department files
- The outcomes are also communicated to students during new-student orientation programs as well as individual advising sessions. Both of these activities are a regular feature.

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

The assessment of program outcomes, program specific outcomes and course outcomes starts from when the syllabi are updated during various Boards of Study based on any gaps identified through student feedback, student performance level in examinations and input from faculty and alumni.

Further, as the objectives of every program and courses are well defined, the University assesses the attainment outcomes using the following methods

- Direct Method: This is through the performance of the students in the internal assessments, scores obtained on assignments which are part of the internal assessment and scores obtained in the end-semester examination. Final

marks obtained by the students which is a combination of internal and end-semester examinations enables the assessment of course outcomes for every course offered. The University Students Advisory Bureau (USAB) is a dedicated placement cell.

- **Indirect Method:** The Alumni Meet conducted by the departments and the employment places/ levels of the students is vital information on the relevance of the curriculum based on which course outcomes and programme specific outcomes are founded. The career achievements of the students close to the walls of the course they studied is another indirect way of assessing the outcomes of the course and programme offered.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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

1334

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

### 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://www.unom.ac.in/webportal/uploads/igac/analysis/satisfaction/report\\_on\\_student\\_satisfaction\\_survey\\_2020\\_21.pdf](https://www.unom.ac.in/webportal/uploads/igac/analysis/satisfaction/report_on_student_satisfaction_survey_2020_21.pdf)

## 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

In accordance with the Madras University Act 1923, the University has to frame and implement regulations relating to the conduct of academic programmes and examinations leading to the award of

Ph.D. and Post-Doctoral Degrees and recognition of teachers in higher educational institutions as Research Supervisors and recognition/affiliation of Research Departments and Institutions.

To create an ecosystem for research a well-defined policy for providing seed grant for faculty members was introduced.

Every department offering the research programs has a Student Research Advisory Committee (SRAC) and Departmental Research Committee (DRC). The research coordinator will be nominated by the University. SRAC for each Ph.D. scholar is proposed by the research supervisor to the DRC for approval. After proper scrutiny and necessary change, if any, the proposals are recommended to the Board of Research Studies for consideration. Further, each DRC regularly notifies a list of research supervisors and their specializations for information of potential scholars.

Annual report with details of progress of course work and research work assessed in the two RAC meetings during the year, seminars attended and papers published by the candidate shall be prepared by the candidate and submitted through Supervisor and Head of Institution.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

78.33

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

60

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

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

394

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

**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

40

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

## 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)**

193

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)

193

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

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

193

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

## 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

TBI-UNOM is hosted by University of Madras which is one of the oldest Universities in the country having been established in the year 1839 with the overarching aim to provide a platform for engaging students in innovation driven ventures while being mentored and guided by experienced faculty.. University of Madras has several Departments and Centres of Excellence broadly grouped as Chemical, Physical, Material, Biological and Basic Medical Sciences spread over at 2 campuses -- Guindy and Taramani . The University faculty members of these science groups with rich research and development background provide mentoring and technical guidance to the start ups. Currently TBI-UNOM has two physical incubatees and offering virtual services to four incubatees.

Besides promotion of entrepreneurship TBI-UNOM is also engaged in the promotion of innovation. Currently TBI-UNOM is mentoring twelve innovators who have availed Technopreneur Promotion Programme (TePP) grants from DSIR and the projects are at various stages of progress. Recognizing the work carried out by the TBI-UNOM, DSIR has granted the status of TEPP Outreach Centre (TUC) which is one amongst twenty nine outreach centres in the country.

**Activities:** Organized several entrepreneurship awareness camps and technical workshops on digital marketing, public relation workshop etc.

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

175

#### 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

175

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

92

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

<b>3.4 - Research Publications and Awards</b>	
<b>3.4.1 - The institution ensures implementation of its stated Code of Ethics for research</b>	
<b>3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following</b>	<b>A. All of the above</b>
<ol style="list-style-type: none"> <li><b>1. Inclusion of research ethics in the research methodology course work</b></li> <li><b>2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)</b></li> <li><b>3. Plagiarism check</b></li> <li><b>4. Research Advisory Committee</b></li> </ol>	
<b>File Description</b>	<b>Documents</b>
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</b>	<b>A. All of the above</b>
<b>Commendation and monetary incentive at a University function</b> <b>Commendation and medal at a University function</b> <b>Certificate of honor</b> <b>Announcement in the Newsletter / website</b>	
<b>File Description</b>	<b>Documents</b>
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>19</b>	
<b>File Description</b>	<b>Documents</b>
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>

<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>	
211	
<b>File Description</b>	<b>Documents</b>
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year</b>	
1200	
<b>File Description</b>	<b>Documents</b>
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<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>	
600	
<b>File Description</b>	<b>Documents</b>
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>	<b>D. Any 2 of the above</b>



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

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

Scopus	Web of Science
3642	3279

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	No File Uploaded

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

Scopus	Web of Science
19	24

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

## 3.5 - Consultancy

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

The institution had a clear vision for its future growth and devised an effective Consultancy Policy from the very outset. The consultancy section of the University of Madras evolved into a "University Industry Community Interaction Centre" in 1997 with the following objectives:

- To create a data base on the needs of Industries in the country and launch an Industrial Associateship programme

- To coordinate R&D projects between University departments and Industries
- To assist in signing of MOU and development of IPR/patents
- To offer testing/material characterization and certification facilities
- To offer training programmes for small/medium scale industries certificate/diploma courses
- To develop specialized continuing education programmes for industrial and social action agencies

#### Consultancy Rules:

The services/consultancy provided may be of the following types: I. Institutional Consultancy, II. Individual Consultancy and III. Technical services

Institutional consultancy relates to advice rendered to an industry/organization, by a department/group/individual on behalf of the University. Service Consultancy may be University equipment, but consumables or other materials are not required.

**Achievements:** The UICIC has so far operated 295 projects/courses/training programmes worth Rs.6.74 crore.

**Partnership / Collaboration:** A number of industrial partners are closely working with departments of the University in various research areas.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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)

665.95

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

### 3.6 - Extension Activities

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

The National Service Scheme was introduced in the University of Madras as early as 1969. There are two kinds of programmes i.e., the Regular Programme, which is organised throughout the year and another is the Special Camping Programme, which is organized at the adopted village for ten days, these programmes are planned and executed in the light of guidelines framed by the Central and State Governments, with the view to develop the personality of the student and to develop the community at large.

Of the various activities given below, achievable and realizable targets are furnished for each of them, taking into consideration all the practical difficulties.

- College level Advisory committee formation
- Enrollment of NSS Volunteers
- Rescue Squad formation
- Village adoption and survey
- Mass Tree Plantation
- Literacy
- One 'AIDS Awareness' Programme per college per year
- One Blood Donation Camp per college per year
- Immunization Programme
- Career Guidance Programme in each College.
- Sensitizing the any two of the following (for village Community)

University Students Advisory Bureau: The University Students Advisory Bureau extending its services to the students, and the Public by undertaking ample sort of activities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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

22

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

**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)**

72

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

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

5587

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

**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**

105

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

### 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

24

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

The University is facilitated with a sufficient number of classrooms, technology enabled learning spaces, seminar halls, laboratories, specialized facilities, equipment for teaching, learning and research etc. Sufficient numbers of well-ventilated, well-furnished classrooms are available for conducting theory classes. Many of the class rooms are ICT enabled. Seminar halls are equipped with speakers, microphones along with LCD projectors, LCD screens, white boards and public addressing systems. Laboratories are well equipped and maintained so that students can carry out both curriculum and research related activities. Laboratories are equipped with latest instruments along with high speed Wi-Fi networks. Student - computer ratio is 1:8 the allotment ratio in the lab is 1:1. Well-equipped Library functioning from 08.00 am to 8.00 pm. The Library has the subscription for online resources such as e-Journals, eBooks, Databases, etc. Digital Library is functioning by 24X7; staff, students and research scholars can access to e resources anywhere anytime through remote access. Department Library also exists in all the departments for immediate reference by their staff and scholars.

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.)

The institution has state of the art facilities as follows:

**Auditorium:** The Auditorium at Chepauk Campus is about 60 years old with a build-up area of 4722 Sq.m. It was constructed in the year 1965 and is in continues use till date. The Auditorium is having a fixed seating capacity of 3200 push back seats. The auditorium is fully air conditioned with the capacity of 300TR.

**Physical Education:** University has been geographically divided into Two Men and Two Women Zones (936 teams). Each Zone organizes tournaments within and selects teams for Inter-Zonal participation. Madras University teams are selected during the Inter-zonal tournaments. Selected teams undergo vigorous training programme under N.I.S Coaches. More than 19,000 (Nineteen Thousands) students get competitive experience from the zonal and Inter - zonal competition organized by the Madras University every year.

**Infrastructure:**

- A Multipurpose Outdoor 400 Mts Athletic Track with 8 Lanes In 6.5 acres.
- Outdoor Hockey Field, Football Field, Cricket Ground, Handball Court, Kabaddi Court, Kho-Kho Court, Ball Badminton Court, Volleyball Court, Basketball Court, Tennis Court
- Multi Purpose Gym with 16 Stations
- Fitness Centre with Sports Science backup, 25 x 32 mts.
- Yoga Hall

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

4.1.3 - Availability of general campus facilities and overall ambience

One of the unique features of our University is its five 5 campuses beautifully landscaped with trees, lawns and park which make the campus environment manifestly green.

Large academic and administrative edifices with open corridors and large playground in the campus invite academics and scholars to indulge in creative and innovative learning activities.

Vehicle parking facilities have been also provided in all the campuses.

The University Guest House is well furnished.

The university also have 3 bank ATM, a central canteen, Generator Power Back Facilities.

Presently, there is a PG Boys Hostel and a Girls Hostel. The main campus has well equipped auditoriums (3200 seating capacity).

University Library is called as Mother Library of all the Academic Libraries of south India. As it is very old Academic Library which is fully automated also able to provide access to 3.5 lakhs of its documents consists of rare books, manuscripts, back volumes, theses and pamphlets and fine arts collection through its OPAC.

Moreover, University facilitates with Students Amenities Centre, Ramps for Disabled, Five lifts, Animal House Facilities, Chemical Science Auditorium, GNR Instrumentation Centre, RUSA Hub, Networking Internet Center, R.O Plants for Drinking water.

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)

59.75

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

## 4.2 - Library as a Learning Resource

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

Madras University Library is called as Mother Library of all the Academic Libraries of south India was established in 1907.

The library provide access to 3.5 lakhs of its documents consists of rare books, manuscripts, back volumes, theses and pamphlets and fine arts collection through its OPAC (Online Public Access Catalogue) along with its Web OPAC. The automation process started in 1998 with the through UGC-Inflibnet RECON Project.

Initially, the library used UGC-Inflibnet software SOUL-1.0 and it switched over into Soul 2.0 in the year 2011. And recently the library adopted SOUL 3.0 of the UGC-Inflibnet centre.

Being one of the pioneers in the UGC-Inflibnet consortium, it provides access to more than 120 University Libraries catalogue of the country through Union Catalogue of Infonet consortia. The facilities such as Virtual Library, e-Shodhsindhu, reprography and services like UGC Infonet - Inter Library Loan services, huge number of open accesses resources and J-Gate platform are present.

By uploading more than 13 thousands digitized theses, the University is placed in the first position among the Universities as e-shodhsindhu ETDs reservoir.

The virtual resources of the library are channelized to the desktops of all the faculties as well through INFED for the remote access.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**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**

A. Any 4 or all of the above

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)**

49.39



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)

387

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

121

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

University Network & Internet Operations (2004) to facilitate and provide networking and Wi-Fi facility for researchers and students. This facility enables Researchers, Academics, Students and Administration to use information and communication technologies and expertise to achieve and maintain knowledge superiority essential for the academic education and in research space.

All the four campus has centralized Network Operating Centre operational on 24 x 7 basis and also a centralized control center where Administrator and IT supporting staff constantly monitor the campus network, manage, identify and solve the network and Wi-Fi related issues.

The sophisticated equipment's (Router, Firewall, farm of Servers, Layer3 switches, L2 switches and Wi-Fi controllers etc.)

connected to uninterrupted power supply (UPS) for uninterrupted service.

University desktops computers and Information Technology labs are provided with Internet security Anti-virus software and connected to local area network. WIFI facility was installed with latest Cisco wireless controller and wireless access points in Guindy and Taramani Campus, and Aruba wireless controller and wireless access points in Chepauk and Marina Campus. The Wi-Fi facility is extended to all buildings, laboratory, hostels, Seminar halls, conference rooms and other common areas in the campus.

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
2894	362

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

- 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	No File Uploaded

#### 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**

659.2

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

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

The University ensures optimal allocation and utilization of the available financial recourses for maintenance and upkeep of different facilities by holding regular meetings of various committees.

**Laboratory:** Record of maintenance account is maintained by lab technicians, Lab in-charge and supervised by HODs of the concerned departments. The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related owner enterprises

**Library:** The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Registrar/VC. The maintenance of the reading room and stock verification of library books is done regularly by library staff.

**Sports:** a College sports in charge for the maintenance of sports equipment/Gym equipment.

**Computers:** Each Department having appropriate computer for their requirements with Internet and WIFI.

**Classrooms:** The University has various committees for maintenance and upkeep of infrastructure of class rooms.

In addition there are lab technicians in every department, persons for Regular maintenance of Computer Laboratory equipments, Regular cleaning, maintenance of the campus, campus directors of central offices of campuses for monitoring, Assistant registrar, sergeant, and electrician, Hostel monitoring committee.

File Description	Documents
Upload relevant supporting document	No File Uploaded
<b>STUDENT SUPPORT AND PROGRESSION</b>	
<b>5.1 - Student Support</b>	
<b>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)</b>	
733	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year</b>	
37	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>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</b>	A. All of the above
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases</b>	• All of the above

**Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

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

## 5.2 - Student Progression

**5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)**

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

44

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

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

226

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

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

13

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

### 5.3 - Student Participation and Activities

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

31

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

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

In accordance with the University Statutes the institution has a Student's council in place with representations from each class. The Council includes one male and one female student from each semester nominated by the concerned Deans of the School. Council always remains at the forefront in raising different issues with the University administration faced by the student community. The Council is divided into four major functional groups: (1) Hostel Committee (2) Cultural Committee (3) Sports Committee (4) Academic Affairs Committee (5) Editorial Committee and (6) Campus Improvement Committee. The Student Council under the aegis of Dean of Students is at the forefront of student developmental activities and grievance redressal mechanism of the University. The Council acts as a bridge between the students and the academic / administrative offices of the University. The Student Council organizes number of events which help students to participate in dialogue and deliberations with a number of dignitaries from within and outside of the country with the objective of overall development of students.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

0

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

**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

The University of Madras is the Academic gateway for many eminent leaders and scholars. Prominent alumni include an array of illustrious individuals including Nobel laureate C. V. Raman, Srinivasa Ramanujan, former presidents Sarvepalli Radhakrishnan, V. V. Giri, Neelam Sanjeeva Reddy, R. Venkataraman and A.P.J. Abdul Kalam, M.G. Ramachandran and CN Annadurai etc.

Madras University Alumni Association had been started in 1979. In 1998, Madras University Alumni Association was registered as a Society and now we are rejuvenating the alumni association in the year of 2021, under the leadership of Vice-Chancellor, Prof. Dr. S. Gowri, University of Madras.

The Alumni Association of the University of Madras continue to foster and enrich the relationship between alumni and their treasured academic roots.

To exemplify this, the Department of Commerce is running a dominant Alumni Association under the name "MUCAA" (Madras University Commerce Alumni Association" . Every year, the alumni meeting is organised in which the alumni members take part actively and share their ideas and plans for the progress of the students as well as for the growth of the Department. Many alumni members help our department students to get placed at their respective Organisations.

File Description	Documents
Upload relevant supporting document	No File Uploaded

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>A. ? 5Lakhs</b>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance	
<p>The governance of the university with His Excellency the Governor of Tamil Nadu as Chancellor at the helm followed by the Hon'ble Minister for Higher Education, government of Tamil Nadu, as the Pro-Chancellor. The Vice Chancellor as the principal Executive Officer is vested with authority and responsibilities well delineated in the statutes of the University of Madras.</p> <p>VisionAs a sesquicentennial institution and a stepladder in the field of higher education and research, the university has a multi-pronged vision of advancing knowledge through research, imparting higher education, inculcating socially relevant values with excellence in all pursuits.</p> <p>MissionTo impart quality higher education in consonance with our motto "learning promotes natural talent", we strive to develop citizens with knowledge, skill and character leading to societal transformation and national development. We aim at making our students, men and women, to offer their selfless service for the progress of the country and people.</p> <p>"Doctrina Vim Promovet Insitam" (Latin) - "Learning Promotes Natural Talent" is seen extensively in all the deeds of the university. In order to promote and extend, this gracious dictum, the University is disposing a bouquet of activities and most of them are learner-centric i.e. to expand the learning to the greatest segment of the learner-community.</p>	
File Description	Documents
Upload relevant supporting document	No File Uploaded
6.1.2 - The effective leadership is reflected in various institutional practices such as	



## decentralization and participative management

The university has clearly spelt out Mission and perspective plan. The structures, powers and functions of the various bodies are clearly stated. Attempt is being made to democratize the process of governance. The organizational structure is roughly divided into academic and administrative components.

The effective and transparent governance and administration starts with an efficient leadership which sets the values that promotes participative decision-making process with the aim of achieving the vision, mission and goals of the university and to create dynamic, contributing and conducive administrative customs. The decision making bodies in the university which are constituted by the formal and informal arrangements and the committed leaders of various statutory bodies of the university synchronize the academic and administrative planning and execution. All these practices of decentralization and participative management are ultimately aims at achieving its vision.

## Decentralization and Participative Management

The University of Madras has pioneered the process of decentralization of higher education.

The Syndicate of the University and the Vice Chancellor provide effective leadership to the university with the organizational hierarchy significantly de-centralized in its decision-making powers by providing both academic and financial autonomy. The faculty in the departments has absolute autonomy in the designing of the curriculum, conduct of programmes and evaluation of the same.

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

The vision and mission in consonance with its preserved tradition and also interweaving modernity is visible in all the institutional strategic planning. The planned vision to advance knowledge through short term and long term planning by linking the administrative and academic connection between the various

schools and centres and the mainstream administration of the university is evident in its planning and deployment.

The university undertakes both long term and short term planning to ensure that it progresses on its well laid out multipronged vision of quality in teaching and research, community and industry engagement, internationalization and human resource development. Based on an international pattern, there is a Planning and Development Board in the University, which serves as a think-tank and co-ordinates the overall planning of the University.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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.

University of Madras is the alma mater of almost all the state universities in south India. The core values of the University which are rooted in its policy guidelines, Acts and statutes are reflecting in the establishment of the administrative bodies. The Organizational structure of the institution covers The Senate, The Syndicate, The Academic Council, The Faculties, The Finance Committee, The Boards of Studies, His Excellency the Governor of Tamil Nadu is the Chancellor of the University. The Vice-Chancellor who is appointed for a term is the Principal Executive Officer. The Registrar of the University, who is the Secretary of the Syndicate, is the custodian of all the records and Chief Administrator of the university. Besides divergent measures and service rules are followed during selection and appointment of manpower. There is an open recruitment policy in the university. Due consideration is given to socio-economically backward citizens in the form of Communal Roaster. The university has rightly decided to recruit the posts of Assistant professors, Associate professors and Professors on a priority basis. There is no system of writing confidential reports on the employees. Only Performance Appraisal Reports are called for while considering incumbents for promotion.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**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

Quality in teaching is the essence for improving learner outcomes and achievements. The University of Madras has a well thought-out scheme to assess the performance of teaching staff members. It is vital that the advance of the faculty extend their inspiration and obligation to the institution. Consequently, the university has an ingenious performance appraisal system following The UGC Regulations.

The administrative system of the university have established a set of well-defined System for the Self appraisal, promotional criteria and welfare measures for both the teaching and non-teaching staff members to assure employee welfare. The university has structured an approach to appraise the performance of the teaching and non-teaching staff members which is carried out periodically.

There is an open recruitment policy in the university. Due consideration is given to socio-economically backward citizens in the form of Communal Roaster. The university has rightly decided to recruit the posts of Assistant professors, Associate professors and Professors on a priority basis. There is no system of writing confidential reports on the employees. Only Performance Appraisal Reports are called for while considering incumbents for promotion.

The administration system of the university has established a set

of divergent welfare measures to ensure employee welfare.

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

2

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

18

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)

53

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

The university is mobilizing funds from various external resources through participation/contribution/consultancy from individual Indians or non-resident Indians, Alumni Associations, public and family trusts, industrial / business houses,

cooperatives, professional associations, unions /association of employees, municipalities / panchayats, MP/MLA/Counselors' funds. The university has improved financially as not only it has attracted grants to its various departments from UGC, DST or State Government but is earning substantially from its distance education wing. The revenue from the distance education department, Institute of Distance Education was at the record during 2020. University budget is prepared on the lines of the model budget recommended by the UGC. There were also substantial grants in the form of research projects. The research activities of the University of Madras are primarily funded by the agencies such as UGC, DST, DBT, CSIR, ICSSR, ICHR, GOI, Government of Tamil Nadu, World Bank, UNDP, UNICEF, etc., Broadly, there are two types of funding: Schemes relating to the Departments/University and (ii) research projects to faculty members. The university has a precise system to scrutinize the deployment of available financial resources. Apposite utilization of financial resources is planned at the beginning of every financial year.

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)**

462.477

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

18.28

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

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

The institution has a mechanism for internal and external audit to ensure financial compliance. Audit mechanism in the institution is carried out at three levels to ascertain integrity, accuracy, consistency, transparency and compliance of the financial transactions. The details of the types of audits are enumerated below:

Three types of audit are being practiced in the University of Madras

1. Internal Audit - Day to day affairs and routine financial matters

2. Local Fund Audit - Post financial matters

3. AG Audit - Every 5 years relating to grants and government financial matters. Besides, Academic and Administrative Audit (AAA) has also been done.

Internal Audit: All bills/receipts and vouchers are audited yearly by an internal financial audit committee.

External Audit: As per the Government directive annual external audits are conducted regularly right from the inception of the university. A financial consultant and his team conduct the audit after the internal audit.

The accounts are regularly audited by the Local Audit Department of the Government of Tamil Nadu.

Besides this, Test Audit is done by the Accountant General of India. A.G. Audit is being conducted once in every five years. Academic and Administrative Audit (AAA) is conducted by inviting external subject expert in each discipline other than Madras University.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 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 of the university has been relentlessly and consistently striving to enhance the effectiveness of teaching - learning process within the institution. Practice 1: Academic Audit:

Another innovative system introduced by the IQAC is the academic audit of the examination and evaluation. An external expert in the rank of a Professor from another premier University is invited to review the materials and prepare a report in a prescribed format. The external expert gives his/her opinion about the syllabus and question paper standard in comparison with top universities in India and also his/her views about the valuation of the teachers. The IQAC Director/Co-coordinator consolidates such reports and forwards to the department with the approval of the University authorities.

Practice 2: Students' Feedback: One of the important activities of the Cell is to develop instruments to obtain feedback from the students. The complete feedbacks from the students are analyzed by the IQAC and subject -teacher wise scores are generated. With the approval of the university authorities the scores are intimated to the faculty members through the Heads of the Departments. The feedback system is an integral part the curricular and pedagogic review.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

A. Any 5 or all of the above

File Description	Documents
Upload the data template	No File Uploaded
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)

The administrative and academic system of the university has been persistently striving to augment the quality related measures through various enterprises which are reflected in almost all the activities of the institution and especially in the effectiveness of teaching - learning process within the institution. With this end as focus, quite a lot of reforms have been brought in sporadically to assimilate flexibility, quality, innovation, critical thinking, research course and agility with the existing teaching - learning process. The same is discussed with a few practices instituted as part of the quality enhancement measures in the last five years. As a testimony, the University of Madras is ranked NIRF 41 Rank in the year 2017, 18 Rank in the year 2018, 20 Rank in the year 2019, 20th in the year 2019, 21st in the year 2020 and 28th in the year 2021. As per the recommendations of the Third Cycle of the NAAC committee, the institution has made the following initiatives with regard to its administration and academic arena. Preparing Policy Note to submit the same to Government of Tamil Nadu for Budget session- Preparing proposal and progress report for the special programmes of the Government of Tamil Nadu, Planning Commission, recruitment initiative etc

File Description	Documents
Upload relevant supporting document	No File Uploaded

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

Gender inclusivity in the forms of gender equity and gender sensitization is accorded highest priority in the cultural philosophy of the University of Madras. The measures taken by the institution in this direction is in line with the principle of gender equality enshrined in the Indian constitution which advocates for positive bias in favor of gender equality and women



empowerment. Gender Equity & Sensitization in Curricular Activities are conducted. In a sesquicentennial institution with an illustrious tradition, the Department of Women's Studies seeks to highlight the role and contribution of women in the Higher Education sector as well as society at large. The curriculum of the academic programmes from this department covers various gender specific areas. In the last 5 years, a total of 46 programmes at national /international/regional levels on a range of women-oriented titles were conducted through the department of Women's Studies. Gender Specific Services: The University gives at most importance to safety and security of its learners and employees. The university has very effective counselling procedure and separate common room for boys and girls as it believes in the overall well-being of its learners. Safety and Security, Gender Equity promotion programmes are organized by the institution.

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

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

The institution has appropriate mechanism for disposal of solid, liquid, biomedical, e-waste and hazardous wastes that are degradable and non-degradable. It also has an effective waste recycling system. The solid waste generated on campus is segregated into wet, dry, garden, sanitary and E-waste. Dry waste mainly comprising of plastic, paper and metal waste is disposed of through an authorized external agency Tamilnadu State Pollution Control Board (TSPCB) which in turn will procedurally segregate and recycle them. Liquid Waste Management- Sewage, laboratory, laundry, hostel and canteen effluent waste is treated using Sewage Treatment Plant (STP) having a capacity of 120 KLD. 85 KLD of Reverse Osmosis (RO) processed water will be used for beautifying the landscape and garden. Waste Recycling System. The Dry waste generated like papers and hard bound sheets are used by School of Architecture as raw material for their studio works, Portfolios and for preparing basic furniture for structures from waste. E-waste Management-All departments ensure to optimally utilize electronic resources available. Technical department will ensure to reuse electronic resource where ever possible. Equipment which cannot be reused even after repair are dismantled and sent to recycle units through and external agency involved in e- waste collection. Radiation Safety Officers: Institution has a Radiation Safety Officer.

File Description	Documents
Upload relevant supporting document	No File Uploaded

<b>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</b>	A. Any 4 or all of the above
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File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### **7.1.5 - Green campus initiatives include**

<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <b>1. Restricted entry of automobiles</b>	A. Any 4 or All of the above
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<p><b>2. Use of bicycles/ Battery-powered vehicles</b></p> <p><b>3. Pedestrian-friendly pathways</b></p> <p><b>4. Ban on use of plastic</b></p> <p><b>5. Landscaping</b></p>	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <p><b>1. Green audit</b></p> <p><b>2. Energy audit</b></p> <p><b>3. Environment audit</b></p> <p><b>4. Clean and green campus recognitions/awards</b></p> <p><b>5. Beyond the campus environmental promotional activities</b></p>	<p><b>A. Any 4 or all of the above</b></p>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<p><b>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.</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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)

University of Madras has an extensive range of diversities across the students and staff members. The stakeholders of the institution hail from diverse, socio-economic backgrounds, states, regions, localities, linguistic and cultural backgrounds. The institution has numerous practices to ensure inclusion of diverse groups to create a sense of representation and belongingness in them. Activities are conducted on the campus to ensure inclusivity of diverse population. The robust institutional health of the University of Madras is based on a three branched strategy of Expansion, Inclusion and Excellence. The University has registered an increase in student strength in addition to the growing numbers in the Distance Education Stream. The policies of Inclusion at the University of Madras have brought underprivileged and marginalized sections into the educational mainstream. Reservations in doctoral admissions, fee exemption for physically challenged, fee concession for women in the IDE admission have resulted in women outnumbering men in University admission. The University's commitment to Excellence is evident in the number of high impact publications, cutting edge research and increased placement rates. In order to sensitize the students to be socially responsive to the needs of the underprivileged sections of the society, NSS club engages them in social immersion, programmes and activities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The peace, harmony and discipline on the campus are appreciated, and are conducive to Academic work and career aspirations. Activities conducted for promotion of universal Values and Ethics: Food Safety Awareness, Yoga workshop to School Students, Sanitation and Hygiene in Rural India - campus cleaning, classroom cleaning, Library Cleaning, Orphanages Cleaning, Food Safety Awareness, Massive Tree Plantation Programme Organising Forest Department, Nilalgal-NGO, Exnora International NSS Co-coordinator 60 Programme Officers of affiliated Colleges students 13,000 ii) Activities Smokeless Bogi - Awareness Organising Department of Health, Govt. of Tamil Nadu Corporation of Chennai

NSS Co-ordinator 9 programme officers of affiliated Colleges students 900. NSS of the University received Indira Gandhi 2011 Award. NSS Unit of the University of Madras has conducted several environment awareness campaigns and has conducted tree plantation drive on our campuses. Students have participated in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year. Extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year.

**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**

All of the above

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**

Our University is a happening place full of activities in all domains throughout the year in order to maintain harmony and healthy work atmosphere and to make the learners aware of the national pride and rich cultural heritage. To this effect, the University makes conscious efforts to celebrate important national, religious and regional festivals. The Independence day and the Republic day hold a special place in national pride. These days are celebrated with full enthusiasm and spirit at the head quarters, regional centres and learner support centres. These involve flag hoisting and cultural events wherein the faculty, staff and learners participate. On these National festivals, the University invites and honors freedom fighter/Army officials. Similarly, the religious festivals of different religions are celebrated with same energy and participation. The celebrations on Holi, Deepawali, Pongal and Christmas hold

special place. Of late, the celebrations on the international Yoga day have also become an important event in the University calendar. Yoga Day is celebrated in the Campus in the early morning between 6 am to 8 am. Academic activities like quizzes, debates and declamation contests et. On the occasion of Gandhi Jayanti week eminent scholars are invited to deliver extension lectures.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 7.2 - Best Practices

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

### Title

**Financial Freedom and Flexibility to the Students of the University**

### Objectives of the Practice

- To extend financial support to the students for the all-round development.

### Context

To support the vast diversity of its students to bestow them with the required financial support.

### The Practice

- **Free Education:**

Scheme is for the learners of the university departments and its affiliated colleges.

- **Flexibility in Fee:**

The course fee structure is low and within the reach of ordinary students.

- **Financial Support:**

Concessions, scholarships, Bank loans, and complete fee waiver for poor students, grants from the central and state governments and private funding agencies, Fellowships and contingency grants for research scholars

- Earn While You Learn Scheme

Provides financial assistance as well as work experience.

- Endowments

200 endowments for the benefit of the learner community.

Evidence of Success

- Part time employment for 1813 students and non-stipendiary research scholars
- Financial support for Research scholars. Fee concession and the exemption for SC/ST students, the university Research fellowships (URF), Madras University Merit Scholarships and other endowment scholarships.
- Free Education Scheme provides a complete fee waiver for the poorest students and transgenders. The tuition fee as well as the examination fee is the least across the state of Tamilnadu.

Problems Encountered- Resources Required

Shortage of financial support

### 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)

"QUEST FOR EXCELLENCE"

Promoting research and academic innovation is the thrust of the university.

- QS World University Rankings 2023
- The NIRF ranking of the university under university category is within 20 (2018-2021)

Some of the exemplifiers of the research and innovation:

- Fully automated Academic Library to provide access to 3.5 lakhs of its documents through its OPAC along with its Web OPAC.
- By uploading more than 13 thousands digitized theses, the University is placed in the first position contributing to the e-shodhsindhu ETDs reservoir.
- The Entrepreneurship and Career Hub
- Thulir2021 Programme - Early start up (innovation and incubation)
- Academic And Administrative Reforms to Stimulate - Research
- Research funds sanctioned and received from various agencies, industry and other organizations
- Special Status conferred by Central/ State Government - UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC -SAPII UGC , HRDC Grants, Sports Development, SAP-VIII, SAP-DRS-II, SAP-DRS-I, DST-FIST, RUSA, Dr.MGR, Dr.MGR Centenary Centre Social Development Studies
- Research and Development: 53 research fellowships have been created for 29 science departments under the DST-PURSE.
- Research based Extension activities encompass: Environment Information System Centre (ENVIS)
- University Students Advisory Bureau (USAB)

The USAB of the University offers counsel, career guidance and placement services to graduates and postgraduates of the University and affiliated colleges.

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

#### Progressing towards further excellence

The University of Madras has touched new heights and by no means rested on its glory. The quality sustenance and enrichment measures outlined in this SSR are the upshot of the collective, constant and devoted efforts of each and every member of the extensive family- the stakeholders of the University of Madras. Our aspiration as for all time is to build an extended, comprehensive and excellence guaranteed higher education system. The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year. Capacity building for faculty to prepare proposals to launch online courses and MOOCs through SWAYAM . To



create an institution wise framework for online teaching and learning. Preparation of the final round of NAAC accreditation.

NAAC