



# **YEARLY STATUS REPORT - 2021-2022**

## **Part A**

### **Data of the Institution**

#### **1. Name of the Institution**

**The Madura College**

- Name of the Head of the institution

**Dr. J. Suresh**

- Designation

**Principal**

- Does the institution function from its own campus?

**Yes**

- Phone No. of the Principal

**04522673354**

- Alternate phone No.

**9363233228**

- Mobile No. (Principal)

**9442039011**

- Registered e-mail ID (Principal)

**principal@maduracollege.edu.in**

- Address

**Vidya Nagar, T.P.K. Road**

- City/Town

**Madurai**

- State/UT

**Tamilnadu**

- Pin Code

**625011**

#### **2. Institutional status**

- Autonomous Status (Provide the date of conferment of Autonomy)

**01/06/1978**

- Type of Institution

**Co-education**

- Location

**Urban**

- Financial Status **UGC 2f and 12(B)**
- Name of the IQAC Co-ordinator/Director **Dr. I. Sahul Hamid**
- Phone No. **04522673354**
- Mobile No: **9942795484**
- IQAC e-mail ID **iqac@maduracollege.edu.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <https://www.maduracollege.edu.in/AQAR%202020-21.pdf>

**4. Was the Academic Calendar prepared for that year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.maduracollege.edu.in/academic-cal-20.php>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>80-85%</b>	<b>2002</b>	<b>21/03/2003</b>	<b>20/03/2008</b>
<b>Cycle 2</b>	<b>A</b>	<b>3.32</b>	<b>2010</b>	<b>28/03/2010</b>	<b>27/03/2015</b>
<b>Cycle 3</b>	<b>A</b>	<b>3.15</b>	<b>2017</b>	<b>30/10/2017</b>	<b>29/10/2022</b>

**6. Date of Establishment of IQAC** **20/06/2003**

**7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>Institution</b>	<b>Autonomy</b>	<b>UGC</b>	<b>01/06/2016</b>	<b>0</b>
<b>Institution</b>	<b>RUSA</b>	<b>UGC</b>	<b>01/06/2018</b>	<b>0</b>

**8. Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

**9.No. of IQAC meetings held during the year**      **6**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?      **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

**10.Did IQAC receive funding from any funding agency to support its activities during the year?**      **No**

- If yes, mention the amount

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

Introduction of multi-disciplinary and inter-disciplinary courses within the curriculum across all programmes.

Introduction of self-study and add-on courses for the benefit of advanced learners.

Installation of 25kW solar power plant.

Establishment of Miyawaki Forest - an ultra-dense bio-diverse pocket forest in collaboration with Rotary Club of Madurai West.

Firewalled centralized wi-fi internet facility with content filtering provided to students in the east corridor of the college.

**12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

Plan of Action	Achievements/Outcomes
<p>To finalize the course design for implementation of inter-disciplinary / multi-disciplinary courses in all programmes.</p>	<p>Inter-Disciplinary Courses for UG programmes during V semester and Multi-Disciplinary Courses for PG programmes during III semester were introduced from the academic year 2022-23 (Passed in the Academic Council held on 20-07-2022).</p>
<p>To identify peer institutions for cluster formation for sharing of expertise and infrastructure.</p>	<p>Formulation of methodology under progress and deferred to forthcoming year.</p>
<p>To moot collaboration among such cluster institutions for student exchange and faculty exchange.</p>	<p>Formulation of methodology under progress and deferred to forthcoming year.</p>
<p>To offer Life skills / entrepreneurship development courses in blended mode for the benefit of all UG students.</p>	<p>A Certificate Course on "Life Skills" was offered to all final year UG students during 2021-22. A total of 611 students completed the course. A Certificate Course on "Entrepreneurial Development and Start-Up" was offered to students during 2021-22. A total of 39 students completed the course.</p>
<p>To offer elective courses across cluster institutions (to be formed) for students to opt electives from across institutions that are on offer.</p>	<p>Formulation of methodology under progress and deferred to forthcoming year.</p>
<p>To formalize an institutional plan towards implementation of National Education Policy - 2020.</p>	<p>The college organized a one day workshop on National Education Policy - 2020 on 11-03-2022. Dr. Ilango Ramanujan, Former Member Syndicate, Bharathidasan University delivered a keynote address on the topic National Education Policy - 2020. All the staff members were divided into six groups to discuss the</p>

	<p>various themes related to NEP-2020. After discussion, the group leaders presented the outcome of the discussion with their team members. A draft policy (subject to directions from Govt. of Tamilnadu) was formulated.</p>
<p>To organize faculty development programmes on recent themes in pedagogy / stress management / student counselling for the benefit of teachers.</p>	<p>A total of 3 workshops on themes like "What Makes a Good Teacher?", Ethics in Teaching and Research and COVID-19 &amp; its Impact on Human Health" were organized for the benefit of Teaching Staff.</p>
<p>To organize professional development programmes for the benefit of non-teaching staff.</p>	<p>One day Enrichment programme for Non-Teaching Staff on "Importance of Health in Today's Life Style" was organized on 11-12-2021.</p>
<p>To organize research methodology workshop for the benefit of research scholars.</p>	<p>Proposed to conduct in the forthcoming academic year.</p>
<p>To organize seminars on current themes at department level.</p>	<p>A total of 8 programmes were organised for the benefit of students.</p>
<p>To organize guest lecture programmes on themes related to career orientation / motivation at department level.</p>	<p>A total of 57 programmes were organised for the benefit of students.</p>
<p>To subscribe for DELNET and NDLI club through Harvey Library.</p>	<p>The college has subscribed for DELNET on 20-01-2022. The college registered for NDLI club and organized an "Awareness programme on National Digital Library on 18-03-2022.</p>
<p>To create outdoor Wi-Fi zones (with firewall and content filtering) for students.</p>	<p>Firewalled outdoor wi-fi facility with content filtering has been setup in the east corridor of the campus.</p>

<p>To provide all departments with fiber broadband facility.</p>	<p>A total of 15 fiber internet connections (75 MBPS) was procured and provided to all departments.</p>
<p>To install solar power plant to the tune of 25% of the total power consumption.</p>	<ul style="list-style-type: none"> <li>• A 25 KW solar power plant with grid connectivity was installed on 02-02-2022. Bi-directional net meter with TANGDCO is under process.</li> <li>• Another 50 KW solar power plant was proposed.</li> </ul>
<p>To install sewage treatment plant for recycling waste.</p>	<p>Deferred to the next plan period.</p>
<p>To encourage departments / Cells to sign MoUs with organizations towards Academics and Student Support activities.</p>	<p>A total of 9 MoUs were signed during 2021-22 for carrying out academic and student support activities in collaboration with external agencies.</p>
<p>To create awareness among students about MOOC courses and to organize Registration Drives. Also, to encourage students to opt for credit transfer.</p>	<p>One student availed credit transfer from SWAYAM course against NME. Efforts shall be taken to enhance the number of students taking up MOOC courses for availing credit transfer.</p>
<p>To encourage departments to enhance uptake of internship / field projects by students. Students opting for internship shall be considered for exemption from submission against one of the components of internal assessment. It is also suggested that students projects shall be made mandatory for all programmes.</p>	<p>A total of 473 students have undergone internship / field projects during the academic year 2021-22 from various departments.</p>
<p>To automate attainment calculation for OBE based on "Manual of outcome attainment".</p>	<p>The draft manual of outcome attainment is passed in the Academic Council held on 20-07-2022. Automation of the same is under process.</p>
<p>To Conduct Academic and Administrative Audit.</p>	<p>Academic and Administrative Audit was conducted on</p>

	23-10-2021. Dr. M.G. Sethuraman, Professor of Chemistry, The Gandhigram Rural Institute, Gandhigram, Dindigul and Dr. B. Vanitha, Former Registrar, Bharathiar University, Coimbatore were the external auditors. The report of the audit was forwarded to the Principal for necessary course correction.
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To apply for NIRF-2022.	The college applied for NIRF-2022 and was placed in the band of 151-200.

**13. Was the AQAR placed before the statutory body?** Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	30/12/2022

**14. Was the institutional data submitted to AISHE ?** Yes

- Year

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	The Madura College
• Name of the Head of the institution	Dr. J. Suresh
• Designation	Principal
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<p><b>13. Was the AQAR placed before the statutory body?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
<p>Name of the statutory body</p>	<p>Date of meeting(s)</p>
<p><b>Governing Body</b></p>	<p><b>30/12/2022</b></p>
<p><b>14. Was the institutional data submitted to AISHE ?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Year</li> </ul>	

Year	Date of Submission
2021-22	18/01/2023

### 15. Multidisciplinary / interdisciplinary

The Madura College, as a premier educational institution, has always adapted to changes and has been a forerunner with regards to innovation based on changing needs in the field of education. In the era of industrial revolution 4.0, synergy among various disciplines will lead to innovation and the crossdisciplinary understanding of the problems of society. It is with this motive, that the college has made it mandatory for students of all undergraduate and postgraduate programmes to take up at least one Interdisciplinary/ multidisciplinary course during their period of study. An interdisciplinary culture will lead to interdisciplinary projects and interdisciplinary research, which in turn would lead to multidisciplinary solutions to the problems of the society, which is the ultimate goal of the initiative. The following list shows the departments offering various Multidisciplinary and Interdisciplinary courses. 1. Forestry and Economic Botany 2. Polymer, Nano and fundamental mathematics 3. Insurance, Actuarial statistics and Economy 4. Internet of things 5. Dimensions of Economics 6. Green studies 7. Stochastic process and point group of molecules 8. Forensic science 9. Material science 10. Econometrics and cost analysis 11. Nattupuraviyal 12. Computer aided Drug design 13. Molecular Biology 14. Solid state chemistry 15. Behavioural application and Technology 16. ECommerce applications and Management 17. Health Economics 18. Cultural studied in feminism 19. Bio applications in artificial Inteligence 20. Operation research and Web technology 21. Bio-economics 22. Nanoscience and nanotechnology 23. Oppilakkiyam 24. Biodiversity and conservation Biology 25. Astrobiology

### 16. Academic bank of credits (ABC):

Student centric learning is at the heart of every higher educational institution striving to transform the society by marking their footprint in every aspect of the society. Each student is unique and has diverse needs from the educational institution. It is with this motive that the National Education Policy 2020 envisions multiple entry and multiple exit for students in higher educational institutions. The core curriculum offered by the educational institutions is enriched when augmented by courses catering to specific needs of the individual student. Swayam and MOOC courses offer flexibility to students to design their programme of study. The college has permitted

students to transfer credits earned from Swayam against elective courses offered by the college. The college proposes to take up Academic Bank of Credits in a phased manner subject to directions from the Government of Tamilnadu.

#### **17.Skill development:**

The Madura College understands the impact that industry 4.0 will have on society. knowledge workers and skilled workers are the two categories of human resource that will drive economic value. It is with this motive that skill development in students has been given utmost care by the college. Each student takes up at least four skill based elective courses during their period of study. A course on soft skills is made mandatory and is offered under Part - II English language study during the fourth semester in all undergraduate programmes. Certificate course on life skills is offered to all undergraduate programmes during their final year of study. Extension activities under Part - V has been made mandatory to all undergraduate programmes to develop the social skills and community awareness of the students. The Government of Tamilnadu under its 'Naan Mudhalvan' scheme proposes to offer at least three courses on communication skills, information literacy skills and training on job-oriented skills. The college also plans to introduce vocational training into the curriculum in future.

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

Students of all undergraduate programmes take up a language of study of their choice. The languages offered are Tamil, Sanskrit and Hindi. During language study, in addition to learning the language, the students learn the rich culture and heritage of our country along with the traditional knowledge system it encompasses. The college organizes several programs on the traditional Indian system for the benefit of students. Field visits are organized to archaeological sites around Madurai, one of the oldest cities in India with a continuous history of more than 3000 years, to introduce the students to the rich heritage of the place they belong to. Curriculum also includes courses on Indian Knowledge System like Archaeology, wherever necessary.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Learning Outcome Based Curricular Framework (LOCF) was identified as a quality mandate by the UGC. The college decided to adopt the Outcome Based Education for all UG programmes from 2020 and PG programmes from 2021. The curriculum for the said programmes were

passed in the respective Board of studies and passed in the Academic Council and has been adopted. The Graduate Attributes defined by the University Grants Commission was taken as the national standard and adopted. The college framed the programme outcomes based on the graduate attributes and based on the vision and mission of the college. The Programme Specific Outcomes were defined by the departments, based on the graduate attributes defined by UGC and based on the programme outcomes defined by the institution. The course designer, while designing the curriculum, defined the course outcomes and the level of attainment of the course outcomes in K-levels defined by the Revised Bloom's Taxonomy. The course designer, also maps the course outcomes against the programme outcomes and programme specific outcomes, to see if the course outcomes are in line with the desired programme outcomes. The evaluation of the student is done for each course outcome and level of attainment (K-level) in Revised Bloom's Taxonomy. The programme attainment is calculated using the course attainment. The teaching learning process, now effectively captures the desired outcomes and the instruction is designed accordingly, as reflected in the course plan and pedagogy. Evidence for success could be gauged atleast 3 years after the student has graduated as envisioned in the Programme Educational Objectives.

## **20.Distance education/online education:**

The Madura College understands that the future of learning lies in creating a rich repository of educational resources and to make it available online. The college intends to create its own YouTube channel with classroom lectures / recorded videos on educational content for the general public. The college is also open to offering courses in a blended mode, where students listen to lectures from MOOC courses and student centric activities like tutorials, problem solving sessions and doubt clearing sessions could be offered by the teachers in person. Several workshops have been organized for the benefit of teachers on themes related to online educational resource creation.

## **Extended Profile**

### **1.Programme**

1.1

36

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

## 2.Student

2.1 3505

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 1154

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 3317

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

## 3.Academic

3.1 814

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 205

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1 36

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1 3505

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

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Number of outgoing / final year students during the year:

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Institutional Data in Prescribed Format	<a href="#">View File</a>

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Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1 814

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	205
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	203
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	998
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	99
Total number of Classrooms and Seminar halls	
4.3	311
Total number of computers on campus for academic purposes	
4.4	374.91024
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## 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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Madura College, is a pioneering institution in the field of education. The college has adopted to ever changing educational needs of students with focus on local, regional and global developmental needs. The college implemented CBCS in 2008 to enhance focus on skill development with focus on student centric learning. Outcome Based Education was implemented for all undergraduate programs from the academic year 2020-21 and for

postgraduate programs from the academic year 2021-22.

The curriculum is developed in accordance with the regulations of UGC and the Tamilnadu State Council for Higher Education with a focus on the 21st century skills required for a student graduating from the institution. Along with foundational literacies, outcome based curriculum framework also focuses on developing the competencies of students in areas like critical thinking, collaboration, communication and creativity. The curriculum also focuses on imparting life skills to make the learner a lifelong learner, a basic quality for a 21st century graduate. Graduate attributes defined by the UGC is taken as the national standard for the design of Programme Outcomes and Programme Specific Outcomes. Course Outcomes are written to focus on one or more of the defined Programme Outcomes in line with the Graduate Attributes and the Vision and Mission of the college.

Think global but act local - is the motto with which the curriculum is framed. The curriculum is framed in line with global competencies and developmental needs and is adapted to local and national needs.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

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

35

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

719

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

130

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

36

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The Madura College has adopted a four-pronged approach for

integrating cross cutting issues related to professional ethics, gender, human values, environment and sustainability into the curriculum.

Deeksharambh, the Student Induction Programme under the aegis of UGC quality mandate is conducted at the start of every academic session to the inductees of both undergraduate and postgraduate programmes. In addition to familiarizing the inductees with the college, interaction with eminent persons on themes like values, psychology, lateral thinking are also organized. There are also sessions on yoga, meditation and physical fitness. The heart of the Student Induction Programme is the sessions with the mentors on universal human values.

Mandatory Courses offered under Part-IV of the curriculum provides scope for students to learn about issues concerning society and humanity. Mandatory courses 'Value education and Professional Ethics' and 'Environmental and Gender Studies' are offered to students of all UG programmes.

Part-V envisages the student to mandatorily take up social service as part of the curriculum. The students choose amongst NSS, NCC, YRC and Physical Education for their Part-V credit. Part-V includes field work in addition to theory as a part of societal learning thereby inculcating ethics and values.

Discipline Specific Courses: The departments also incorporate cross-cutting issues related to professional ethics, gender, environment, sustainability and human values into their curricula as deemed fit by the respective Board of Studies.

Value-added courses addressing cross-cutting issues are offered to students. The college has introduced course content on 'Research methodology and research ethics' for all post-graduate programmes.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	No File Uploaded

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

63

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

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

4702

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

871

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.maduracollege.edu.in/curriculum-feed-igac.php">https://www.maduracollege.edu.in/curriculum-feed-igac.php</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.maduracollege.edu.in/curriculum-feed-igac.php">https://www.maduracollege.edu.in/curriculum-feed-igac.php</a>
Any additional information	<a href="#">View File</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment of Students**

**2.1.1.1 - Number of students admitted (year-wise) during the year**

**1437**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)**

**845**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

At the Entry level, due to differences in geographical factors like rural-urban divide in addition to socioeconomic factors and factors like differences in medium of study, bridging students for gaps owing to the stated differences is paramount for setting a level playing ground from which the foundations of graduate education could be set.

The college has adopted Content and Language Integrated Learning (CLIL) for its Part- II English language curriculum, where the students learn english from subject content and vice versa. The CLIL model curriculum, developed by Tamilnadu State Council for Higher Education, was adopted and introduced for Part-II English from the academic year 2020-21.

The students were also assessed on domain specific knowledge through an Entry Level Test conducted by the respective departments. Based on the assessment the students are classified as slow learners and advanced learners. The slow learners are offered a short Bridge Course running for about 1 or 2 days immediately after the student induction program.

During progression, slow learners are offered special Remedial Coaching for specific courses based on student needs as assessed by the respective course teachers.

Advanced learners, are given provision to earn Extra Credits by taking certificate courses, add-on courses, diploma programmes offered by the college or by way of credit transfer from MOOC platforms like Swayam. Self-Study content and Self-Study courses have been introduced for the benefit of advanced learners from Regulation 2020 in undergraduate programmes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	3505	205

File Description	Documents
Upload any additional information	<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:

The college has introduced a student-centric approach at all levels of the teaching learning process vide. course design, teaching, learning and evaluation in addition to active department clubs and peer-to-peer learning.

Course design is done keeping student centric pedagogy in mind. The course plan is well-defined and passed along with the curriculum. Practical courses focusing on experimentation and project work are included in the curriculum as needed.

Training programs are organized for teachers on emerging trends in student-centric teaching-learning processes like blended learning, active learning strategies and flipped classrooms. Practical sessions, Tutorial, problem solving sessions, in-class quizzes, virtual labs and talking dictionaries are used as tools for student-centric learning. Students are taken for field visits relevant to their curriculum.

The course teachers are given the freedom to choose assessment methods as they deem fit from time to time. Quiz, student seminar, group discussion, chart making, working-model / demo-model creation, viva-voce and other student-centric assessment tools have been incorporated.

Department clubs organize competitions like paper presentation, model making, rangoli (on curricular topics), quiz and dumb charades that can serve as sparks and ignite the minds of the students. Peer study circles are where students of the class sit together and share their knowledge and ideas on subject areas to the peer group.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

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

The college follows an exhaustive course design principle in which the curriculum, the pedagogy, references, course plan, assessment structure and blueprint are planned during the design of the course with a detailed list of Open Educational Resources or online resources and the pedagogy. This enables the teachers to plan an appropriate ICT tool for the given pedagogy. Teachers also use open educational resources for their classroom lectures either for demonstration or as tools for blended learning. Students are also encouraged to use open educational resources for the purpose of self-learning.

Tools like Google forms, quizizz and plickers support the teaching-learning process by being good everyday assessment tools at the hands of the teacher. Learning Management Systems like Canvas, Edmodo and Google classroom support teachers in organising activities of the class in addition to acting as an assessment tool.

Workshops were organised to train the teachers on use of ICT tools. Courses focusing on use of plickers, quizizz and canvas were organized for the faculty to enable teachers to adapt to the changing needs of the classroom. Faculty recharge programmes were organized for the use of educational media creation tools like OBS studio, Screencastify and use of live collaboration tools like google meet and zoom. Teachers were also trained on video editing tools like openshot.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://www.maduracollege.edu.in/student-report.php">https://www.maduracollege.edu.in/student-report.php</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

169

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academics is an exercise that requires careful planning and meticulous execution. The schedule of all academic activities like start / end of the academic session, fee payment, schedule of internal test, deadlines for submission of exam applications, scheduled mentor-mentee meetings, dates for conduct of meetings of various statutory committees and cultural events are planned and printed in the academic calendar.

The College Council meets before the start of every academic year to prepare the academic calendar for the year. The College Council also meets every month, or as and when there is a need, on account of circulars / directions from the government or higher educational agencies. During the meeting of the College Council, necessary measures for course correction are discussed and adopted for adherence to the academic calendar.

Each department meets at the start of the academic year to plan activities of the department like seminar, guest lectures, Parents-Teachers Association meetings, club activities, purchases and other department specific activities are meticulously planned and taken up for execution.

The academic calendar is published on the institutional website. A handbook of instructions for students along with the college calendar is published every year as a ready reckoner for both the faculty and students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

205

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

125

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1726

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

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

21

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

219

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The Examinations Section of The Madura College is automated right from student entry to exit. The automation is done using

- ROVAN EMS (Examination Management System)
- ROVAN IMS (Institutional Management System)

While student interaction happens through the cloud based IMS,

internal processes happen in the EMS. The cloud based IMS has the following features for students.

- Online application form for students
- Online exam fee payment
- Hall-ticket download
- Internal mark entry view for students
- Approval of marks for CIA by students
- Submission of exam related grievances
- Feedback on question papers

The IMS has the following features for teachers

- Entry of Internal marks by teachers
- View of result of students

The entire internal operations of exam section is handled by the Examination Management System (EMS). All the pre-examination work is carried out in the pre-examination module which includes the following features

- Student master records
- Faculty master records
- Programme/Course master records
- Examinations master records
- Question paper stock

All work related to the examination like exam application reconciliation, time table preparation, hall-ticket generation, allotment of examination, hall allotment, are done using the examination module. The post examination module takes care of all post-examination work like result preparation, reports for awards committee, moderation, mark statement preparation, communication to the university and claim form for exam related work.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Outcome Based Educational framework is being followed for all academic programmes. For undergraduate programmes, the graduate attributes defined by University Grants Commission in its note on Learning Outcome based Curricular Framework (LOCF) has been taken as the national standard for a graduate.

The programme outcomes for various programmes of our college have been written in line with the vision and mission of the college and the graduate attributes defined by UGC. The departments design the Programme Educational Objectives and Programme Specific Outcomes based on the Programme Outcomes defined for the particular programme. Each course teacher, who designs the course content, defines the course outcomes in line with the programme outcomes and the vision and mission of the college. Each individual course outcome is mapped against programme outcomes indicating the level of correlation between the course outcome and the programme outcomes. The programme outcomes, programme educational objectives, course outcomes for each course, along with the mapping indicating the correlation between the course outcomes and the programme outcomes is passed by the respective boards of studies of the individual departments and by the Academic council of the college, which is then approved by the Governing Body.

The Programme Outcomes / Programme Specific Outcomes along with the Programme Educational Objectives are displayed in the College website and is readily available for reference of all students and staff members.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The programme outcomes for the various programmes of our college have been written in line with the vision and mission of the

college and the graduate attributes defined by UGC. The departments design the Programme Educational Objectives and Programmes Specific Outcomes based on the Programme Outcomes defined for the particular programme. Each course teacher, who designs the course content, defines the course outcomes in line with the programme outcomes and the vision and mission of the college. Each individual course outcome is mapped against programme outcomes indicating the level of correlation between the course outcome and the programme outcomes. The programme outcomes, Programme Educational Objectives, Course Outcomes for each course along with the mapping indicating the correlation between the course outcomes and the programme outcomes is passed by the respective boards of studies of the individual departments and by the Academic council of the college, which is then approved by the Governing Body.

All question papers are set indicating the course outcome and the knowledge level as in Revised Bloom's Taxonomy against each question. Marks secured by the students against a given question is considered against the particular course outcome indicated.

The manual for calculation of outcome attainment is passed in the Academic Council (held on 20-07-2022) and attainment mapping is being implemented in a phased manner.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1026

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.maduracollege.edu.in/annual-report-page.php">https://www.maduracollege.edu.in/annual-report-page.php</a>

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink**

<https://www.maduracollege.edu.in/studet-satisfaction-survey-igac.php>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

A total of 9 departments (Aided) out of 11 eligible departments are recognized as research centres by the affiliating university. A total of 53 faculty of our college are recognized as research supervisors by Madurai Kamaraj University. A total number of 70 research scholars enrolled during 2017-22. The number of funded research projects and the quantity of publications imply research impetus in the institution.

#### Research Committee

The Research Committee has been set up with the principal as the chairperson. Members to the committee are nominated by the principal on the basis of their contribution to research. The committee meets at least twice in a year.

#### Research Policy

A comprehensive policy for promotion of research has been drafted by the Research Committee, hereafter referred to as the research policy. The research policy of the college has been

placed in and approved by the governing body of the college. The research policy is the guiding document on all aspects related to research in the college.

### Research facilities

Mobilization of funds for research facilities has been primarily through funded research projects. In addition, research facilities have also been established through funds received from DST-FIST and UGC-Autonomy grant. Computational facilities with necessary software has been provided to all departments with Fiber optic internet connectivity. The College has subscribed to N-LIST and DELNET to provide access to scholarly articles and e-book access to Faculty members, PG students and research scholars.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.maduracollege.edu.in/rpr-page-new.php">https://www.maduracollege.edu.in/rpr-page-new.php</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.36

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

24.79132

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

8

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

### 3.2.3 - Number of teachers recognised as research guides

52

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

## 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

### Centres for research

A total of 9 departments of our college have been recognized as formal centres of research by Madurai Kamaraj University and a total of 53 teachers have been recognized as research

supervisors.

#### Entrepreneurship Development Cell

The Madura College has signed an MoU and implemented the entrepreneurship cluster development programme with ICT Academy. The Madura college has also registered itself as a spoke institution of the EDII (Department of MSME, Government of Tamilnadu) hub of MKU, established to create entrepreneurship culture in higher educational institutions in the state. We have created the Rural Entrepreneurship Development Cell and has organized workshops on Rural Entrepreneurship Development in association with MGNCRE, Ministry of Education, Government of India.

#### Community Orientation

As a higher educational institution, we are aware that engagement of students with the community would lead to grassroot innovation. It is with this motive that all UG students take a community oriented extension programme as part of the curriculum under Part-V. In addition, the college has adopted five villages under UBA scheme of Government of India. The scheme involves a survey and attending gramsabha meetings to understand the problems faced by the community.

#### Incubation

Even though incubation is at its infancy, we are proud that one startup has been incubated in our campus. A group of students who devised and implemented a software assisted intervention for collection of students feedback during their period of study went on to incorporate a private limited company which implemented Vidyaan, the students portal of our college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

44

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

10

File Description	Documents
URL to the research page on HEI website	<a href="https://www.maduracollege.edu.in/phd-scholars.php">https://www.maduracollege.edu.in/phd-scholars.php</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

90

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

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

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/book-publication.php">https://www.maduracollege.edu.in/book-publication.php</a>

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

#### 3.4.5.1 - Total number of Citations in Scopus during the year

168

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

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

#### 3.4.6.1 - h-index of Scopus during the year

12

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 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.36

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Emotionally intelligent citizens who are passionate about whatever they do are sure to excel not only in their own domains but also in whatever they do. They can excel in teamwork and can also motivate others in their team to outperform by their interpersonal skills and leadership qualities. Empathy and higher-order social skills are learnt only through structured interaction with the society. It is with this motive that extension activities are offered mandatorily as part of the curriculum through Part-V.

The college offers NSS, NCC, YRC and Physical Education as Part-V. The college has also adopted five villages as part of its commitment to national development through UBA. It helps our students to understand the dynamics of our society and understand Social issues prevalent in the neighbourhood community. This helps students to come with out of the box solutions to the problems insociety.

Students are sensitized to various social issues by organizing a wide variety of programmes addressing these issues. Students takeup community work as part of their Part-V.The college, through the students have also supported the district administration, the panchayats of the adopted villages, the Corporation of Madurai, district police and other law enforcement agencies for various community programs organized by

these agencies. The college also celebrates days of national importance to inculcate civic sense, an intangible attribute of its students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/extension-new.php">https://www.maduracollege.edu.in/extension-new.php</a>

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

5

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

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

40

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

674

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

155

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

Spacious classrooms and laboratories with high ceilings is one of the unique features of our college. 14 different blocks house 94 classrooms, 24 laboratories, 5 seminar halls, library and common computational facilities. Twelve blocks have been constructed in G+1 architecture with large verandah space, one in G architecture and one in G+2 architecture. The more than

adequate spacing between blocks has ensured that there is no crowding of spaces during arrival, dispersal and during breaks.

Classes have been earmarked for each year of students of every programme. All classrooms have adequate lighting and ventilation. Students move from their classes only during electives offered by departments other than their programme of study and for language of study opted by the students. Time-table for science laboratories and computer laboratories, which are shared to ensure optimal utilization of resources, are scheduled to prevent overlap with adequate time in-between for preparation.

Each and every department is provided with computers along with fiber broadband internet connection which provide high speed internet access to students and teachers. All corridors and all laboratories are provided with WiFi facility powered by M/S Jio Infocomm Ltd with a limited data limit of 30 MB/day per student.

Each and every department is provided with LCD projector facilities in addition to five common seminar halls with LCD projector, broadband internet and audio visual facilities.

Affiliation was granted for all programmes after ensuring adequacy of classroom and laboratory infrastructure by a committee constituted for the purpose by the affiliating university.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

The Madura College believes in all-round development of the students. Sports and cultural activities play a major part in shaping well-rounded citizens who are not only fit and healthy but also appreciate art and mental well being. Our college boasts of a huge 43 acre campus with large grounds and sports complexes.

Facilities for cultural activities

The college has two multipurpose halls with audio visual aids that are being used by students for the cultural activities. The open air Auditorium of the college is used to conduct all college functions, cultural festivals and PULARI and ANDHIPOOKAL, the annual cultural fests of the college. The Madura College Cultural Academy coordinates the cultural events of the college.

#### Yoga

Regular yoga classes are conducted for the benefit of general public which includes interested staff and students of our college. In addition, special programmes are organised during Student Induction Program and yoga day. The college has an association with RK Yoga centre for coordinating the yoga programmes of our college.

#### Sports

The college has three large cricket/ football grounds in addition to badminton courts, volleyball courts, a basketball court and a facility for indoor games like carrom, chess, table tennis etc. The Madura College Tennis Academy boasts of 4 synthetic tennis courts of international standards which can host international tournaments. The Department of Physical education, represented by the Director of Physical education coordinates all the sports activities of the college.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

75

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

87.8583

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Harvey library has a rich collection of 85000 volumes of books pertaining to various disciplines catering to the academic needs of students and faculty.

#### Library Automation

We have been using Autolib, an Integrated Library Management System, since 2003 to automate various library functions such as:

- Book purchase
- Maintaining Bibliographic databases
- Maintaining member database
- Maintaining record of gate entry
- Issue -return
- Online title search (OPAC)
- Remote access to catalogue

We have a local server and two terminals in a LAN, one for issue and return of books and the other terminal for OPAC - Online

Public Access Catalogue.

Information Resource Center:

Information Resource Centre caters to the information needs of the users by facilitating access to online resources and e-resources, like e-books, NPTEL study materials, Audio books, e-books. Online journals are made available through subscription to NLIST and DELNET. Our college holds a club membership in NDLI. Uninterrupted internet access facility is provided for accessing both paid and free online educational and learning materials available online.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**2.39899**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

##### 4.2.4.1 - Number of teachers and students using the library per day during the year

77

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Each and every department in the college is provided with computers along with internet facility in addition to access to the centralized facility. The college encourages the use of open source operating system and open source software for enhanced cyber security and periodic updates.

The college provided internet facility to all departments using legacy ADSL with routed LAN prior to 2017. Wi-Fi facility powered by jio infocomm was set up in 2018 with a limited daily usage limit of 30 MB/day per user. Students and faculty can login with their mobile numbers and the OTP sent to their mobile numbers. Due to the usage limit restriction in the Wi-Fi facility powered by Jio Infocomm, the college set up a centralised fibre internet facility @50 Mbps at the Harvey library (the central library of our college) powered by ACT Fiber net in 2019. The bandwidth of the central facility was enhanced to 75Mbps in 2020. In the academic year 2021-22, each department is provided with an individual 75 Mbps fibre internet connection.

With connectivity comes its own challenges, the cybersecurity.

Regular Operating System and software updates are an essential part of ensuring cyber security. Hence the college has encouraged the use of open source linux platforms with long term support for most systems. Firewall and web content filtering are configured at the router level to prevent access to inappropriate content in addition to providing internet security software wherever necessary.

The college has an IT policy for utilization and upgradation of IT facilities in the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3505	311

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus **A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 4.3.4 - Institution has facilities for e-content development: **C. Any two of the above** **Facilities available for e-content development** **Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

287.05195

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

The Madura College, being a premier higher educational institution of over 130 years, understands the need for optimal utilization and proper maintenance of physical resources.

The finance committee of the college prepares the budget for each financial year and allocates funds under various heads of accounts like including purchase of new equipment, books, subscription to e-resources, software, computers, internet facility, student support facilities, maintenance of existing resources, AMCs for preventive maintenance, periodic servicing of large equipments, repairs and provision for contingent expenditure. Allotment of funds is done based on requirement analysis and based on request from the departments.

All purchases, repairs and maintenance are carried out as per Standard Operating Procedures (SOP) evolved for the same. Several committees have been constituted to verify and scrutinize the purchase, utilization and maintenance of physical facilities.

The caretaker of the college looks after maintenance of common facilities of the college including classrooms, laboratory space, toilets, seminar halls, corridor etc., The electrical supervisor takes care of the electrical safety and maintenance of all electrical facilities of the college. Lab assistants take care of proper utilization and maintenance of equipments under the custody of the respective departments. The library assistant ensures proper utilization and maintenance of books and other library facilities.

The Madura College understands that maintenance and proper utilization of physical resources is a collective responsibility of all stakeholders of the institution and organizes awareness programme to all stakeholders on aspects related to proper utilization and maintenance of physical facilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

952

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

76

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	<a href="https://www.maduracollege.edu.in/capcity-building.php">https://www.maduracollege.edu.in/capcity-building.php</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

**2567**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students'**      **A. All of the above**

**grievances Timely redressal of grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2 - Student Progression**

**5.2.1 - Number of outgoing students who got placement during the year**

140

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2.2 - Number of outgoing students progressing to higher education**

173

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

**5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**

**5.2.3.1 - 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**

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

10

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college values the opinion of all stakeholders. It is with this motive that the opinion and feedback of students are given utmost importance in decision making. The college has an active Students' Council, the representative council of students.

The Students' Council is a body of representatives from all programmes offered by the college. The members are nominated by the respective departments. The members elect the office bearers democratically by the process of election. The primary aim of the council is to identify and help solve problems encountered by the students of the college. The students' council can communicate its suggestions and opinions to the college administration on matters concerning the students as part of the participative management initiative of the institution. The students' council helps the college administration in organizing events in the campus by volunteering support and in event management.

The Students' Council is responsible for:

- organizing the college assembly.
- bringing students' achievements in various spheres to the

notice of the administration.

- bringing students' grievances to the notice of the administration and help resolve the same.
- for bringing out the college magazine to showcase the artistic talents of the students.
- help the administration in maintaining discipline during the conduct of functions and events in the campus.

Student-teacher meetings are organized to collect their feedback on curriculum. Also student representatives are inducted into the Board of Studies of all departments to ensure that students opinion are considered while implementing changes in curriculum.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/stdnt.council.php">https://www.maduracollege.edu.in/stdnt.council.php</a>

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

89

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Madura College Alumni Association [erstwhile Madura College Old Boys' Association (since 1945) up to 2010-11, Old Students Association up to 2014-15 and then on as Madura College Alumni Association(unregistered)] is a registered body under The Tamil Nadu Societies Registration Act, 1975 by the Office of The Registrar, Madurai South, Madurai. The registration number is SRG / Madurai South / 164 / 2022 with the following objectives

- To promote camaraderie among past students of The Madura College.
- To continue to have contacts with the students leaving The Madura College after completion of their educational course.
- To motivate the old students to think about their college and participate in its in development.
- To conduct Seminars and Conferences, on any matters of general importance.
- To exchange information and experience among former students of The Madura College.
- To promote interaction of the alumni with current students.
- To raise funds for the association.
- To extend financial assistance to the college on its own or by establishing a separate Trust for that purpose.

The following are the significant contribution of the Alumni Association during the recent years.

- Tennis Court
- Stone Benches
- Construction of Mini Auditorium
- Renovation of Cycle Stand
- 100 Tree Saplings were planted in the College premises
- An Overhead Projector
- Donation to College for Buildings purposes
- Guest Lectures and mentoring sessions by alumni for the benefit of current students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/alumni.php">https://www.maduracollege.edu.in/alumni.p hp</a>

**5.4.2 - Alumni's financial contribution during the year**                      A. ? 15 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision and Mission of the institution defines the distinctive characteristic features and the core values of the Institution addressing to the needs of the society and is in tune with the objectives of the higher education policies of the Nation. Effectiveness of leadership can be gauged by the efforts taken in planning and implementation of various policies and schemes aimed at the development of the institution. The Principal, as the head of the institution, oversees all the planning and deployment of activities of the college. The Principal delegates his authority to the Deans, Controller of Examinations, Heads of Departments, Superintendent of Examinations and Co-ordinators to enable decentralized and participative administration. The various statutory committees, constituted according to the guidelines, support the principal in the administration of the college. The non-statutory committees are formed by the principal to perform various activities of the college. The IQAC, setup as per guidelines, frame draft policies, perspective plan, strategic plan, action plan and other planning documents aimed at achieving internal benchmarks/targets. The planning documents/policies are approved at appropriate bodies and taken up for action. The Deans, CoE, Heads of Departments, Co-ordinators of various committees act as executives in deploying the plans. The various committees meet as per mandate, discuss & incorporate the suggestions of members. The entire process of planning and deployment is done democratically taking all stakeholder feedback into consideration as a reflection on the effective leadership.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

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

The institution defines decentralization as working through delegation of authority. To cater the smooth functioning of the

college, major decisions are taken after the democratic deliberations in the College Council. The administrative and academic responsibilities are decentralized to provide effective educational leadership for effective implementation & monitoring of various policies, regulations & guidelines at various levels. Decentralized systems of governance are advocated and practiced in the college by designating and involving committees to look after various issues and facilitate a better chance for taking part in the governance. Participative management is further ensured by various bodies like the Finance Committee, College Committee, Academic Council, Board of Studies, Awards Committee, IQAC, College Council, Examination Cell and Women's Cell etc. At a functional level, the cells are working hand-in-hand with administration. The institution also encourages the participation of stake-holders, values their opinions and contributions with appropriate advisory and corrective methods which paves the way for a synergetic stride towards executing the vision and mission of the institution.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/planofact-iqac.php">https://www.maduracollege.edu.in/planofact-iqac.php</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The perspective plan of the college is shaped by the United Nations Sustainable Development Goals (SDGs) - 2015, which all nations strive to achieve by 2030. The strategic plans are devised once in five years based on the perspective plan. The annual action plan of the college is defined from the strategic plan. Efforts are taken to ensure successful deployment of the action plan. The perspective plan, strategic plan and action plans are approved by statutory committees and deployed. The plan documents, deployment documents and Action taken reports are displayed in the institutional website at the link <https://www.maduracollege.edu.in/planofact-iqac.php>

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	<a href="https://www.maduracollege.edu.in/planofact-igac.php">https://www.maduracollege.edu.in/planofact-igac.php</a>
Upload any additional information	No File Uploaded

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

The college is governed by The Madura College Board (MCB). The College Committee oversees appointments, policy decisions and general management affairs of the college.

The College Council advises the Principal in the day-to-day functioning of the college. The Finance committee of the college ensures fair utilization of funds by monitoring the utilization of department/intuitions' budget. The Deans (Administration, Academics, Planning and Development) have administrative, academic, programmatic and managerial responsibilities of the college.

The Academic council constituted as per norms is responsible for taking all academic decisions. The Board of Studies is constituted as per the UGC norms with the Head of the Department (HoD) as chairman. The head of the department is responsible for the administration of academic departments. The administrative office is under the supervision of the Office Superintendent.

Various committees help the administration in various activities of the college. In total, the administration and functioning of the college is planned and executed collectively by stakeholders of the college.

The key to effective functioning of all academic / administrative bodies lie in effective adherence to policies. The college has well-defined policies for all academic and administrative tasks and standard operating procedures for its functioning. The policy documents are displayed in the institutional website for easy access to all stakeholders.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.maduracollege.edu.in/organogram.php">https://www.maduracollege.edu.in/organogram.php</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/policy-procedure.php">https://www.maduracollege.edu.in/policy-procedure.php</a>

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**      **A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution effectively implements the welfare schemes for the teaching and Non-teaching staff. The College makes arrangements for availing all the government schemes such as Gratuity, Pension, Commutation of Pension, Maternity Leave, Medical Facility, Leave for Overseas Project or Conference, Health Fund Scheme, Permission to attend FDP such as Orientation programmes and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching staff. The staff appointed by the management are provided with ESI and Provident Fund benefits. The college provides incentive in the form of salary hike for completing their Ph.D. degree. To cater to the financial needs, credit facility by way of cooperative loan from the wholly self-funded co-operative credit and thrift society is extended. Faculty

Development Cell is dedicated towards enriching the teaching-learning environment by organizing enrichment programmes towards opening newer avenues in the betterment of teaching learning process. The college has organised Health Camp (Eye Check-up), Covid - 19 Vaccination camp through Health and Fitness Cell for the benefit of its staff. Seed Money Scheme is also implemented in order to promote research and innovation amongst faculty members by providing financial support.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

Finance committee is a statutory committee setup as per UGC regulations for Autonomous colleges. The Finance committee meets twice a year as per norms and approves the budget/revised budget. The financial planning is approved by the Governing Body. The purchase committee has been constituted at the department/institutional level to scrutinize purchases as per SoP. Quarterly internal financial audit is conducted by M/s Manian and Rao Chartered Accountants, Madurai.

The statutory audit is conducted by M/s. R. Seshan Chartered Accountants, Madurai. Besides, the office of Regional Joint Director of Collegiate Education conducts annual audit of the salary and other government related accounts. Similarly, audit by the Accountant General is also done for the funds released by Government, UGC and Government agencies. The Madura College Co-operative society accounts are audited by the auditors of the apex Co-operative body.

The accounts are regularly audited as per statutory regulations and whenever there audit objection, systematic follow-up actions are initiated with the funding agencies to resolve the audit objection. As on date, there is no remarkable audit objection.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

10

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

The Madura College, as a premier educational institution in Tamilnadu, understands the need for mobilization resources for the incremental development of the institution. The institution has the following policy for mobilization of resources.

The College, being an autonomous institution recognized u/s 12(b) and 2(f) of the UGC Act, is eligible to tap funding from Government and Government agencies. The College administration is encouraged to send proposals to Government schemes for which the college is eligible.

All faculty members are encouraged to apply for research projects from Government and Private bodies, as per terms and conditions specified by the funding agency.

The college is open to creating shared resources through joint ventures/clusters which are beneficial to both the third party and the college.

The college encourages sharing of expertise / research infrastructure / available with the institution with the permission of the Principal. The revenue generated must be used for regular maintenance / repair of the research facility / purchase of consumable for the operation of the resource without affecting the utilization of the resource by the stakeholders of the institution.

Endowments shall be instituted for award of scholarships / prizes / organizing seminars with aid from philanthropists. Interest earned from endowments shall be spent only for the

purpose for which the endowment was instituted.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC has contributed significantly for institutionalizing the quality assurance processes as visible from the following quality initiatives undertaken during 2021-22.

- Implementation of multi-disciplinary and inter-disciplinary courses across all programmes.
- Installation of firewalled centralized wi-fi internet facility with content filtering provided to students in the east corridor of the college.
- Installation of 25kW solar power plant with grid connectivity.
- Installation of Spirulina Cultivation, Vermi-composting pits and Glass house facilities.
- Conduct of energy, green and environment audit and taking adequate corrective measures.

**Practice I: Implementation of Multidisciplinary / Interdisciplinary courses across all programmes**

The college is introducing multidisciplinary and interdisciplinary courses across all programmes from the academic year 2022-23. The list of courses and the departments collaborating in organizing the courses have been finalized, curriculum designed and passed in boards of studies of all the departments concerned.

**Practice II: Installation of 25kW solar power plant**

A 25 kW solar power plant has been installed in the institution

sourcing 6.9% of the energy requirement locally as indicated in the Energy Audit report of our college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The teaching - learning process is at the heart of every academic institution. The IQAC reviews the teaching - learning process, structures & methodologies at periodic intervals as envisioned below.

The college collects feedback on curriculum and teachers after the publication of results in each semester. The curricular feedback is analysed and disseminated to the departments to incorporate the feedback into the curriculum during subsequent revision of curriculum. Feedback on teachers is shared with individual teachers for self - introspection and course correction.

Student Satisfaction Survey is collected every year from final year students to assess the overall teaching - learning process in the institution.

Annual Internal Review is conducted to take stock of the performance of each department in terms of teaching - learning process, evaluation, results (outcome), research and overall contribution of the department.

The college conducts external peer team review of the performance of the institution in aspects related to teaching-learning process, research, co-curricular, extra-curricular, extension and student support activities. Academic and Administrative Audit (AAA) and Library Audit are conducted with external peer team to assess the effectiveness of implementation of policies and procedures of the college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/audits.php">https://www.maduracollege.edu.in/audits.php</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**B. Any 3 of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.maduracollege.edu.in/annual-report-page.php">https://www.maduracollege.edu.in/annual-report-page.php</a>
Upload e-copies of accreditations and certification	<b>No File Uploaded</b>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

#### **SENSITIZATION:**

The Madura College is committed to provide a safe and congenial atmosphere to all stakeholders without any gender bias. Topics related to Gender Studies has been introduced as a part of the curriculum. Co-curricular activities like workshops, seminars, guest lectures, street plays, poster exhibitions, vocational training are organized through Women's cell, NSS and NCC.

## FACILITIES FOR WOMEN IN CAMPUS:

### (i) Safety and Security

- Boundary wall with barbed galvanized iron wire
- Deployment of Security personnel
- CCTV surveillance
- Internal complaints committee for redressal of grievances and for prevention of sexual harassment.
- Fire extinguishers at strategic points.
- Adequate lighting facility
- Mock drills, workshops and awareness programs on Disaster Management
- Incinerators for proper disposal of sanitary napkins.
- Adherence to Code of conduct by the students is ensured by the discipline committee.

### (ii) Nursing Care

Dispensary with a full-time nurse

### (iii) Counselling

Mentors are the first point of contact for students to discuss academic and personal issues for counselling and guidance. Students requiring professional counselling services are referred to the Students' Counselling Cell / medical counsellor for further evaluation and treatment. The college is associated with Dr. Dheep, Founder, TOPKIDS Youth / Child Guidance and Counselling Centre, Madurai to offer counselling and allied services to students.

### (iv) Common rooms

- Ladies lounge
- Burka change room for Muslim girls.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/facilities-women.php">https://www.maduracollege.edu.in/facilities-women.php</a>

7.1.2 - The Institution has facilities for

A. Any 4 or All of the above

**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**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<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 a maximum of 200 words)

**Solid waste management:**

The college facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. The college has been declared as a plastic free zone by the college administration. The college is taking continual efforts to repair and upgrade existing physical infrastructure including equipments, computers and peripherals instead of buying new ones to reduce the generation of waste. Waste segregation bins have been installed at prominent locations and students have been sensitized on the appropriate bins for various wastes. The college uses vermicomposting technique to manage organic waste generated in the campus.

**Liquid waste management:**

Liquid waste generated in the campus is sent to the sewers. The rain water from the terrace of the college is used to recharge ground water with rain water harvesting system installed at all buildings.

**E-Waste management:**

Electronic gadgets are repaired for minor defects by our lab technicians to ensure its optimum utilization. Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students for projects.

**Waste recycling:**

Waste water generated by RO Plant is used to recharge the open well in the campus. Waste water generated from hand-wash points and canteen is used for gardening.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<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
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 7.1.6 - Quality audits on environment and energy 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
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</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**

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

**assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<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).

Our college prayer signifies our commitment towards the development of society with traditional values and inclusive environment.

The admission procedure of the college, adhering to reservation policy of Govt. of Tamilnadu, enables students from various socio-economic backgrounds to join the institution. About 80% of the students admitted to the college are from socio-economically disadvantaged sections of the society.

Students from rural background, whose medium of instruction is Tamil are bridged using CLIL (Content and Language Integrated Learning) in Part-II English language study.

The college takes care of the logistics of supporting the students through Government scholarships. In addition, the college has instituted several endowments for offering scholarships to meritorious and socio-economically disadvantaged students. College also provides fee waiver to all differently abled students.

The College has conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic, and other diversities. The college organizes cultural events to celebrate the cultural diversity of our country. Students from all the departments with

various socio-economic and cultural backgrounds participate in these events and represent the culture of the region.

Several departments organize field visit and study tours to various parts of Tamil Nadu by which the faculty and students are exposed to the different cultures.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

The college sees the need for inculcating values in its students. The Student Induction Programme (Deeksharambh) is organized under the aegis of UGC quality mandate. As part of the Student Induction Programme, mentoring on universal human values by the mentors is undertaken.

Courses on 'Value education and Professional ethics' and 'Environmental and Gender studies' are offered as part of the curriculum for all UG students for inculcating values and ethics.

All students mandatorily take up community work in the society as part of their Part - V curriculum which inculcates empathy and societal values in the students. The college has adopted five villages under the Unnat Bharat Abhiyan scheme of the Ministry of Education, Government of India as part of the campus to society initiative of the college. A mock election was conducted at Vadivelkarai, one of the adopted villages under the Unnat Bharat Abhiyan scheme as part of the electoral literacy programme of the college.

The college has a stated code of conduct for faculty and students and adherence to the same is ensured. The college celebrates events of national importance like the Independence day, Republic day with fervour. Such celebrations inculcate the sense of pride and constitutional values in students to develop them into dutiful and responsible citizens.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized**

**A. All of the above**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The Madura College has the healthy exercise of memorializing / celebrating national, international days and important festivals. The important days are mentioned in the college calendar and appropriate activities are organized by the clubs/cells concerned. The following commemorative days and events were celebrated / observed during 2021-22.

- Independence Day Celebrations
- Teacher's Day Celebrations

- Mahakavi Bharathiyar Memorial Centenary Celebration (Through Online)
- World Brotherhood day
- E. V. Ramasamy Naicker birthday as Social Justice Day
- Mahatma Gandhi Jeyanthi Celebration
- Youth Awakening Day
- Vigilance Awareness Week - 2021
- Subramanyam Chandrasekhar Birthday - Celebration
- Library Week Celebrations
- Indian Constitution Day
- World AIDS Day
- National Science Day and First Bioforum Annual Conference on Biological Sciences
- Social Justice Day
- National Voters Day - Awareness regarding voting
- Republic Day Celebrations
- U.Ve.Saminathaiyar 168th Birthday Celebration
- Women's Day Celebrations
- World Mother Tongue Day Celebration
- Science day celebration and Commemoration of Einstein's Birthday and Stephen Hawkings's death anniversary

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Best Practice I:

#### Title of the practice

Wholesome Welfare Schemes

#### Objectives

To provide wholesome welfare schemes for staff and students

aimed at enhancing productivity of outcomes.

#### Context

- Synergy among various stakeholders is essential for any educational institution to realize its goals of becoming a world class educational institution.
- Welfare schemes help the institution to achieve a sense of oneness among various stakeholders.
- Welfare schemes focused not only on financial security, but also on empowering the staff with newage skills for personal and professional development.

#### Best Practice II:

##### Title of the practice

##### Holistic Education

##### The context

- In the context of holistic education, the focus is on the total development and well-being of the individual rather than on academic achievement. Teachers and educators aim to create a supportive learning environment that encourages students to explore their interest, develop their skills and discover their passion. They also work to foster relationship among students, and between students and teachers based on mutual respect, trust, and cooperation.
- Holistic education often incorporates experiential learning such as field trips, service learning, and hands-on projects which help students to connect their classroom learning to real-world experiences and to develop a deeper understanding of their place in the global context.
- Synergy among various disciplines will lead to innovation and cross-disciplinary understanding of the problems of the society. An interdisciplinary culture will lead to inter-disciplinary projects and inter-disciplinary research which in-turn would lead to multi-disciplinary solution to problems of the society.

Weblink:<https://www.maduracollege.edu.in/home-distinc-ws.php>

File Description	Documents
Best practices in the Institutional website	<a href="https://www.maduracollege.edu.in/home-distinct.php">https://www.maduracollege.edu.in/home-distinct.php</a>
Any other relevant information	Nil

### 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)

Multidisciplinary and Interdisciplinary courses have become a popular trend in modern education. These courses bring together multiple subjects to provide a comprehensive and integrated learning experience.

The Madura College offers courses to enrich students' knowledge and enhance interdisciplinary and multidisciplinary learning opportunities. Department clusters have been formed to determine the content and titles of multidisciplinary and interdisciplinary courses. Multidisciplinary courses are offered to post graduate students, while undergraduate students are offered with interdisciplinary courses.

These courses provide students with a unique and valuable learning experience, as they are exposed to different perspectives and approaches to solving problems. Additionally, these courses help students to develop critical thinking and problem-solving skills, as they must integrate and apply knowledge from multiple disciplines.

The list of Multidisciplinary and Interdisciplinary courses offered are:

## 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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Madura College, is a pioneering institution in the field of education. The college has adopted to ever changing educational needs of students with focus on local, regional and global developmental needs. The college implemented CBCS in 2008 to enhance focus on skill development with focus on student centric learning. Outcome Based Education was implemented for all undergraduate programs from the academic year 2020-21 and for postgraduate programs from the academic year 2021-22.

The curriculum is developed in accordance with the regulations of UGC and the Tamilnadu State Council for Higher Education with a focus on the 21st century skills required for a student graduating from the institution. Along with foundational literacies, outcome based curriculum framework also focuses on developing the competencies of students in areas like critical thinking, collaboration, communication and creativity. The curriculum also focuses on imparting life skills to make the learner a lifelong learner, a basic quality for a 21st century graduate. Graduate attributes defined by the UGC is taken as the national standard for the design of Programme Outcomes and Programme Specific Outcomes. Course Outcomes are written to focus on one or more of the defined Programme Outcomes in line with the Graduate Attributes and the Vision and Mission of the college.

Think global but act local - is the motto with which the curriculum is framed. The curriculum is framed in line with global competencies and developmental needs and is adapted to local and national needs.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

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

35

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

719

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

130

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

36

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The Madura College has adopted a four-pronged approach for integrating cross cutting issues related to professional ethics, gender, human values, environment and sustainability into the curriculum.

Deeksharambh, the Student Induction Programme under the aegis of UGC quality mandate is conducted at the start of every academic session to the inductees of both undergraduate and postgraduate programmes. In addition to familiarizing the inductees with the college, interaction with eminent persons on themes like values, psychology, lateral thinking are also organized. There are also sessions on yoga, meditation and physical fitness. The heart of the Student Induction Programme is the sessions with the mentors on universal human values.

Mandatory Courses offered under Part-IV of the curriculum provides scope for students to learn about issues concerning society and humanity. Mandatory courses'Value education and

Professional Ethics' and 'Environmental and Gender Studies' are offered to students of all UG programmes.

Part-V envisages the student to mandatorily take up social service as part of the curriculum. The students choose amongst NSS, NCC, YRC and Physical Education for their Part-V credit. Part-V includes field work in addition to theory as a part of societal learning thereby inculcating ethics and values.

**Discipline Specific Courses:** The departments also incorporate cross-cutting issues related to professional ethics, gender, environment, sustainability and human values into their curricula as deemed fit by the respective Board of Studies.

Value-added courses addressing cross-cutting issues are offered to students. The college has introduced course content on 'Research methodology and research ethics' for all post-graduate programmes.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	No File Uploaded

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

63

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

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

4702

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.3.4 - Number of students undertaking field work/projects/ internships / student projects**

871

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.maduracollege.edu.in/curriculum-feed-igac.php">https://www.maduracollege.edu.in/curriculum-feed-igac.php</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.maduracollege.edu.in/curriculum-feed-igac.php">https://www.maduracollege.edu.in/curriculum-feed-igac.php</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

1437

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

845

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

At the Entry level, due to differences in geographical factors like rural-urban divide in addition to socioeconomic factors and factors like differences in medium of study, bridging students for gaps owing to the stated differences is paramount for setting a level playing ground from which the foundations of graduate education could be set.

The college has adopted Content and Language Integrated

Learning (CLIL) for its Part- II English language curriculum, where the students learn english from subject content and vice versa. The CLIL model curriculum, developed by Tamilnadu State Council for Higher Education, was adopted and introduced for Part-II English from the academic year 2020-21.

The students were also assessed on domain specific knowledge through an Entry Level Test conducted by the respective departments. Based on the assessment the students are classified as slow learners and advanced learners. The slow learners are offered a short Bridge Course running for about 1 or 2 days immediately after the student induction program.

During progression, slow learners are offered special Remedial Coaching for specific courses based on student needs as assessed by the respective course teachers.

Advanced learners, are given provision to earn Extra Credits by taking certificate courses, add-on courses, diploma programmes offered by the college or by way of credit transfer from MOOC platforms like Swayam. Self-Study content and Self-Study courses have been introduced for the benefit of advanced learners from Regulation 2020 in undergraduate programmes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	3505	205

File Description	Documents
Upload any additional information	<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:

The college has introduced a student-centric approach at all levels of the teaching learning process vide. course design, teaching, learning and evaluation in addition to active department clubs and peer-to-peer learning.

Course design is done keeping student centric pedagogy in mind. The course plan is well-defined and passed along with the curriculum. Practical courses focusing on experimentation and project work are included in the curriculum as needed.

Training programs are organized for teachers on emerging trends in student-centric teaching-learning processes like blended learning, active learning strategies and flipped classrooms. Practical sessions, Tutorial, problem solving sessions, in-class quizzes, virtual labs and talking dictionaries are used as tools for student-centric learning. Students are taken for field visits relevant to their curriculum.

The course teachers are given the freedom to choose assessment methods as they deem fit from time to time. Quiz, student seminar, group discussion, chart making, working-model / demo-model creation, viva-voce and other student-centric assessment tools have been incorporated.

Department clubs organize competitions like paper presentation, model making, rangoli (on curricular topics), quiz and dumb charades that can serve as sparks and ignite the minds of the students. Peer study circles are where students of the class sit together and share their knowledge and ideas on subject areas to the peer group.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The college follows an exhaustive course design principle in which the curriculum, the pedagogy, references, course plan, assessment structure and blueprint are planned during the

design of the course with a detailed list of Open Educational Resources or online resources and the pedagogy. This enables the teachers to plan an appropriate ICT tool for the given pedagogy. Teachers also use open educational resources for their classroom lectures either for demonstration or as tools for blended learning. Students are also encouraged to use open educational resources for the purpose of self-learning.

Tools like Google forms, quizizz and plickers support the teaching-learning process by being good everyday assessment tools at the hands of the teacher. Learning Management Systems like Canvas, Edmodo and Google classroom support teachers in organising activities of the class in addition to acting as an assessment tool.

Workshops were organised to train the teachers on use of ICT tools. Courses focusing on use of plickers, quizizz and canvas were organized for the faculty to enable teachers to adapt to the changing needs of the classroom. Faculty recharge programmes were organized for the use of educational media creation tools like OBS studio, Screencastify and use of live collaboration tools like google meet and zoom. Teachers were also trained on video editing tools like openshot.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://www.maduracollege.edu.in/student-report.php">https://www.maduracollege.edu.in/student-report.php</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

169

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academics is an exercise that requires careful planning and meticulous execution. The schedule of all academic activities like start / end of the academic session, fee payment, schedule of internal test, deadlines for submission of exam applications, scheduled mentor-mentee meetings, dates for conduct of meetings of various statutory committees and cultural events are planned and printed in the academic calendar.

The College Council meets before the start of every academic year to prepare the academic calendar for the year. The College Council also meets every month, or as and when there is a need, on account of circulars / directions from the government or higher educational agencies. During the meeting of the College Council, necessary measures for course correction are discussed and adopted for adherence to the academic calendar.

Each department meets at the start of the academic year to plan activities of the department like seminar, guest lectures, Parents-Teachers Association meetings, club activities, purchases and other department specific activities are meticulously planned and taken up for execution.

The academic calendar is published on the institutional website. A handbook of instructions for students along with the college calendar is published every year as a ready reckoner for both the faculty and students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

205

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

125

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1726

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

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

21

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**

219

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The Examinations Section of The Madura College is automated right from student entry to exit. The automation is done using

- ROVAN EMS (Examination Management System)
- ROVAN IMS (Institutional Management System)

While student interaction happens through the cloud based IMS, internal processes happen in the EMS. The cloud based IMS has the following features for students.

- Online application form for students
- Online exam fee payment
- Hall-ticket download
- Internal mark entry view for students
- Approval of marks for CIA by students

- Submission of exam related grievances
- Feedback on question papers

The IMS has the following features for teachers

- Entry of Internal marks by teachers
- View of result of students

The entire internal operations of exam section is handled by the Examination Management System (EMS). All the pre-examination work is carried out in the pre-examination module which includes the following features

- Student master records
- Faculty master records
- Programme/Course master records
- Examinations master records
- Question paper stock

All work related to the examination like exam application reconciliation, time table preparation, hall-ticket generation, allotment of examination, hall allotment, are done using the examination module. The post examination module takes care of all post-examination work like result preparation, reports for awards committee, moderation, mark statement preparation, communication to the university and claim form for exam related work.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Outcome Based Educational framework is being followed for all academic programmes. For undergraduate programmes, the graduate attributes defined by University Grants Commission in its note on Learning Outcome based Curricular Framework (LOCF) has been taken as the national standard for a graduate.

The programme outcomes for various programmes of our college have been written in line with the vision and mission of the college and the graduate attributes defined by UGC. The departments design the Programme Educational Objectives and Programme Specific Outcomes based on the Programme Outcomes defined for the particular programme. Each course teacher, who designs the course content, defines the course outcomes in line with the programme outcomes and the vision and mission of the college. Each individual course outcome is mapped against programme outcomes indicating the level of correlation between the course outcome and the programme outcomes. The programme outcomes, programme educational objectives, course outcomes for each course, along with the mapping indicating the correlation between the course outcomes and the programme outcomes is passed by the respective boards of studies of the individual departments and by the Academic council of the college, which is then approved by the Governing Body.

The Programme Outcomes / Programme Specific Outcomes along with the Programme Educational Objectives are displayed in the College website and is readily available for reference of all students and staff members.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	Nil

#### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The programme outcomes for the various programmes of our college have been written in line with the vision and mission of the college and the graduate attributes defined by UGC. The departments design the Programme Educational Objectives and Programmes Specific Outcomes based on the Programme Outcomes defined for the particular programme. Each course teacher, who designs the course content, defines the course outcomes in line with the programme outcomes and the vision and mission of the college. Each individual course outcome is

mapped against programme outcomes indicating the level of correlation between the course outcome and the programme outcomes. The programme outcomes, Programme Educational Objectives, Course Outcomes for each course along with the mapping indicating the correlation between the course outcomes and the programme outcomes is passed by the respective boards of studies of the individual departments and by the Academic council of the college, which is then approved by the Governing Body.

All question papers are set indicating the course outcome and the knowledge level as in Revised Bloom's Taxonomy against each question. Marks secured by the students against a given question is considered against the particular course outcome indicated.

The manual for calculation of outcome attainment is passed in the Academic Council (held on 20-07-2022) and attainment mapping is being implemented in a phased manner.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1026

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.maduracollege.edu.in/annual-report-page.php">https://www.maduracollege.edu.in/annual-report-page.php</a>

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink**

<https://www.maduracollege.edu.in/studet-satisfaction-survey-igac.php>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

A total of 9 departments (Aided) out of 11 eligible departments are recognized as research centres by the affiliating university. A total of 53 faculty of our college are recognized as research supervisors by Madurai Kamaraj University. A total number of 70 research scholars enrolled during 2017-22. The number of funded research projects and the quantity of publications imply research impetus in the institution.

#### Research Committee

The Research Committee has been set up with the principal as the chairperson. Members to the committee are nominated by the principal on the basis of their contribution to research. The committee meets at least twice in a year.

#### Research Policy

A comprehensive policy for promotion of research has been drafted by the Research Committee, hereafter referred to as the research policy. The research policy of the college has been placed in and approved by the governing body of the college. The research policy is the guiding document on all aspects related to research in the college.

#### Research facilities

Mobilization of funds for research facilities has been primarily through funded research projects. In addition, research facilities have also been established through funds received from DST-FIST and UGC-Autonomy grant. Computational

facilities with necessary software has been provided to all departments with Fiber optic internet connectivity. The College has subscribed to N-LIST and DELNET to provide access to scholarly articles and e-book access to Faculty members, PG students and research scholars.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.maduracollege.edu.in/rpr-page-new.php">https://www.maduracollege.edu.in/rpr-page-new.php</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.36

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

24.79132

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

8

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

52

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

#### Centres for research

A total of 9 departments of our college have been recognized as formal centres of research by Madurai Kamaraj University and a total of 53 teachers have been recognized as research supervisors.

#### Entrepreneurship Development Cell

The Madura College has signed an MoU and implemented the entrepreneurship cluster development programme with ICT Academy. The Madura college has also registered itself as a spoke institution of the EDII (Department of MSME, Government of Tamilnadu) hub of MKU, established to create entrepreneurship culture in higher educational institutions in the state. We have created the Rural Entrepreneurship Development Cell and has organized workshops on Rural Entrepreneurship Development in association with MGNCRE, Ministry of Education, Government of India.

## Community Orientation

As a higher educational institution, we are aware that engagement of students with the community would lead to grassroot innovation. It is with this motive that all UG students take a community oriented extension programme as part of the curriculum under Part-V. In addition, the college has adopted five villages under UBA scheme of Government of India. The scheme involves a survey and attending gramsabha meetings to understand the problems faced by the community.

## Incubation

Even though incubation is at its infancy, we are proud that one startup has been incubated in our campus. A group of students who devised and implemented a software assisted intervention for collection of students feedback during their period of study went on to incorporate a private limited company which implemented Vidyaan, the students portal of our college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

44

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through**

A. All of the above

**the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

10

File Description	Documents
URL to the research page on HEI website	<a href="https://www.maduracollege.edu.in/phd-scholars.php">https://www.maduracollege.edu.in/phd-scholars.php</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

90

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

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

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/book-publication.php">https://www.maduracollege.edu.in/book-publication.php</a>

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

#### 3.4.5.1 - Total number of Citations in Scopus during the year

168

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

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

#### 3.4.6.1 - h-index of Scopus during the year

12

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

<b>3.5 - Consultancy</b>	
<b>3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)</b>	
2.36	
File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year</b>	
0	
File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded
<b>3.6 - Extension Activities</b>	
3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year	
Emotionally intelligent citizens who are passionate about whatever they do are sure to excel not only in their own domains but also in whatever they do. They can excel in	

teamwork and can also motivate others in their team to outperform by their interpersonal skills and leadership qualities. Empathy and higher-order social skills are learnt only through structured interaction with the society. It is with this motive that extension activities are offered mandatorily as part of the curriculum through Part-V.

The college offers NSS, NCC, YRC and Physical Education as Part-V. The college has also adopted five villages as part of its commitment to national development through UBA. It helps our students to understand the dynamics of our society and understand Social issues prevalent in the neighbourhood community. This helps students to come with out of the box solutions to the problems insociety.

Students are sensitized to various social issues by organizing a wide variety of programmes addressing these issues. Students takeup community work as part of their Part-V. The college, through the students have also supported the district administration, the panchayats of the adopted villages, the Corporation of Madurai, district police and other law enforcement agencies for various community programs organized by these agencies. The college also celebrates days of national importance to inculcate civic sense, an intangible attribute of its students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/extension-new.php">https://www.maduracollege.edu.in/extension-new.php</a>

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

5

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

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

40

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**

674

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7 - Collaboration**

**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

155

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only**

## functional MoUs with ongoing activities to be considered)

10

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

Spacious classrooms and laboratories with high ceilings is one of the unique features of our college. 14 different blocks house 94 classrooms, 24 laboratories, 5 seminar halls, library and common computational facilities. Twelve blocks have been constructed in G+1 architecture with large verandah space, one in G architecture and one in G+2 architecture. The more than adequate spacing between blocks has ensured that there is no crowding of spaces during arrival, dispersal and during breaks.

Classes have been earmarked for each year of students of every programme. All classrooms have adequate lighting and ventilation. Students move from their classes only during electives offered by departments other than their programme of study and for language of study opted by the students. Time-table for science laboratories and computer laboratories, which are shared to ensure optimal utilization of resources, are scheduled to prevent overlap with adequate time in-between for preparation.

Each and every department is provided with computers along with fiber broadband internet connection which provide high speed internet access to students and teachers. All corridors and all laboratories are provided with WiFi facility powered

by M/S Jio Infocomm Ltd with a limited data limit of 30 MB/day per student.

Each and every department is provided with LCD projector facilities in addition to five common seminar halls with LCD projector, broadband internet and audio visual facilities.

Affiliation was granted for all programmes after ensuring adequacy of classroom and laboratory infrastructure by a committee constituted for the purpose by the affiliating university.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

The Madura College believes in all-round development of the students. Sports and cultural activities play a major part in shaping well-rounded citizens who are not only fit and healthy but also appreciate art and mental well being. Our college boasts of a huge 43 acre campus with large grounds and sports complexes.

#### Facilities for cultural activities

The college has two multipurpose halls with audio visual aids that are being used by students for the cultural activities. The open air Auditorium of the college is used to conduct all college functions, cultural festivals and PULARI and ANDHIPOOKAL, the annual cultural fests of the college. The Madura College Cultural Academy coordinates the cultural events of the college.

#### Yoga

Regular yoga classes are conducted for the benefit of general public which includes interested staff and students of our college. In addition, special programmes are organised during Student Induction Program and yoga day. The college has an association with RK Yoga centre for coordinating the yoga

programmes of our college.

### Sports

The college has three large cricket/ football grounds in addition to badminton courts, volleyball courts, a basketball court and a facility for indoor games like carrom, chess, table tennis etc. The Madura College Tennis Academy boasts of 4 synthetic tennis courts of international standards which can host international tournaments. The Department of Physical education, represented by the Director of Physical education coordinates all the sports activities of the college.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

75

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

87.8583

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Harvey library has a rich collection of 85000 volumes of books pertaining to various disciplines catering to the academic needs of students and faculty.

#### Library Automation

We have been using Autolib, an Integrated Library Management System, since 2003 to automate various library functions such as:

- Book purchase
- Maintaining Bibliographic databases
- Maintaining member database
- Maintaining record of gate entry
- Issue -return
- Online title search (OPAC)
- Remote access to catalogue

We have a local server and two terminals in a LAN, one for issue and return of books and the other terminal for OPAC - Online Public Access Catalogue.

#### Information Resource Center:

Information Resource Centre caters to the information needs of the users by facilitating access to online resources and e-resources, like e-books, NPTEL study materials, Audio books, e-books. Online journals are made available through subscription to NLIST and DELNET. Our college holds a club membership in NDLI. Uninterrupted internet access facility is provided for accessing both paid and free online educational and learning materials available online.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**2.39899**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**77**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Each and every department in the college is provided with computers along with internet facility in addition to access to the centralized facility. The college encourages the use of open source operating system and open source software for enhanced cyber security and periodic updates.

The college provided internet facility to all departments using legacy ADSL with routed LAN prior to 2017. Wi-Fi facility powered by jio infocomm was set up in 2018 with a limited daily usage limit of 30 MB/day per user. Students and faculty can login with their mobile numbers and the OTP sent to their mobile numbers. Due to the usage limit restriction in the Wi-Fi facility powered by Jio Infocomm, the college set up a centralised fibre internet facility @50 Mbps at the Harvey library (the central library of our college) powered by ACT Fiber net in 2019. The bandwidth of the central facility was enhanced to 75Mbps in 2020. In the academic year 2021-22, each department is provided with an individual 75 Mbps fibre internet connection.

With connectivity comes its own challenges, the cybersecurity. Regular Operating System and software updates are an essential part of ensuring cyber security. Hence the college has encouraged the use of open source linux platforms with long term support for most systems. Firewall and web content filtering are configured at the router level to prevent access to inappropriate content in addition to providing internet security software wherever necessary.

The college has an IT policy for utilization and upgradation of IT facilities in the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3505	311

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

C. Any two of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

287.05195

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

The Madura College, being a premier higher educational institution of over 130 years, understands the need for optimal utilization and proper maintenance of physical resources.

The finance committee of the college prepares the budget for each financial year and allocates funds under various heads of accounts like including purchase of new equipment, books, subscription to e-resources, software, computers, internet facility, student support facilities, maintenance of existing resources, AMCs for preventive maintenance, periodic servicing of large equipments, repairs and provision for contingent expenditure. Allotment of funds is done based on requirement analysis and based on request from the departments.

All purchases, repairs and maintenance are carried out as per Standard Operating Procedures (SOP) evolved for the same. Several committees have been constituted to verify and scrutinize the purchase, utilization and maintenance of physical facilities.

The caretaker of the college looks after maintenance of common facilities of the college including classrooms, laboratory space, toilets, seminar halls, corridor etc., The electrical supervisor takes care of the electrical safety and maintenance of all electrical facilities of the college. Lab assistants take care of proper utilization and maintenance of equipments under the custody of the respective departments.

The library assistant ensures proper utilization and maintenance of books and other library facilities.

The Madura College understands that maintenance and proper utilization of physical resources is a collective responsibility of all stakeholders of the institution and organizes awareness programme to all stakeholders on aspects related to proper utilization and maintenance of physical facilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

952

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

76

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 5.1.3 - The following Capacity Development and Skill Enhancement

A. All of the above

**activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

File Description	Documents
Link to Institutional website	<a href="https://www.maduracollege.edu.in/capcity-building.php">https://www.maduracollege.edu.in/capcity-building.php</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

2567

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

140

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of outgoing students progressing to higher education

173

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

#### 5.2.3.1 - 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

2

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

10

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college values the opinion of all stakeholders. It is with this motive that the opinion and feedback of students are given utmost importance in decision making. The college has an active Students' Council, the representative council of students.

The Students' Council is a body of representatives from all programmes offered by the college. The members are nominated by the respective departments. The members elect the office bearers democratically by the process of election. The primary aim of the council is to identify and help solve problems encountered by the students of the college. The students' council can communicate its suggestions and opinions to the college administration on matters concerning the students as part of the participative management initiative of the institution. The students' council helps the college administration in organizing events in the campus by volunteering support and in event management.

The Students' Council is responsible for:

- organizing the college assembly.
- bringing students' achievements in various spheres to the notice of the administration.

- bringing students' grievances to the notice of the administration and help resolve the same.
- for bringing out the college magazine to showcase the artistic talents of the students.
- help the administration in maintaining discipline during the conduct of functions and events in the campus.

Student-teacher meetings are organized to collect their feedback on curriculum. Also student representatives are inducted into the Board of Studies of all departments to ensure that students opinion are considered while implementing changes in curriculum.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/stdnt.council.php">https://www.maduracollege.edu.in/stdnt.council.php</a>

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

89

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Madura College Alumni Association [erstwhile Madura College Old Boys' Association (since 1945) up to 2010-11, Old Students Association up to 2014-15 and then on as Madura College Alumni Association(unregistered)] is a registered body under The Tamil Nadu Societies Registration Act, 1975 by the Office of The Registrar, Madurai South, Madurai. The

registration number is SRG / Madurai South / 164 / 2022 with the following objectives

- To promote camaraderie among past students of The Madura College.
- To continue to have contacts with the students leaving The Madura College after completion of their educational course.
- To motivate the old students to think about their college and participate in its in development.
- To conduct Seminars and Conferences, on any matters of general importance.
- To exchange information and experience among former students of The Madura College.
- To promote interaction of the alumni with current students.
- To raise funds for the association.
- To extend financial assistance to the college on its own or by establishing a separate Trust for that purpose.

The following are the significant contribution of the Alumni Association during the recent years.

- Tennis Court
- Stone Benches
- Construction of Mini Auditorium
- Renovation of Cycle Stand
- 100 Tree Saplings were planted in the College premises
- An Overhead Projector
- Donation to College for Buildings purposes
- Guest Lectures and mentoring sessions by alumni for the benefit of current students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/alumni.php">https://www.maduracollege.edu.in/alumni.php</a>

<b>5.4.2 - Alumni's financial contribution during the year</b>	<b>A. ? 15 Lakhs</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision and Mission of the institution defines the distinctive characteristic features and the core values of the Institution addressing to the needs of the society and is in tune with the objectives of the higher education policies of the Nation. Effectiveness of leadership can be gauged by the efforts taken in planning and implementation of various policies and schemes aimed at the development of the institution. The Principal, as the head of the institution, oversees all the planning and deployment of activities of the college. The Principal delegates his authority to the Deans, Controller of Examinations, Heads of Departments, Superintendent of Examinations and Co-ordinators to enable decentralized and participative administration. The various statutory committees, constituted according to the guidelines, support the principal in the administration of the college. The non-statutory committees are formed by the principal to perform various activities of the college. The IQAC, setup as per guidelines, frame draft policies, perspective plan, strategic plan, action plan and other planning documents aimed at achieving internal benchmarks/targets. The planning documents/policies are approved at appropriate bodies and taken up for action. The Deans, CoE, Heads of Departments, Co-ordinators of various committees act as executives in deploying the plans. The various committees meet as per mandate, discuss & incorporate the suggestions of members. The entire process of planning and deployment is done democratically taking all stakeholder feedback into consideration as a reflection on the effective leadership.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

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

The institution defines decentralization as working through delegation of authority. To cater the smooth functioning of the college, major decisions are taken after the democratic deliberations in the College Council. The administrative and academic responsibilities are decentralized to provide effective educational leadership for effective implementation & monitoring of various policies, regulations & guidelines at various levels. Decentralized systems of governance are advocated and practiced in the college by designating and involving committees to look after various issues and facilitate a better chance for taking part in the governance. Participative management is further ensured by various bodies like the Finance Committee, College Committee, Academic Council, Board of Studies, Awards Committee, IQAC, College Council, Examination Cell and Women's Cell etc. At a functional level, the cells are working hand-in-hand with administration. The institution also encourages the participation of stake-holders, values their opinions and contributions with appropriate advisory and corrective methods which paves the way for a synergetic stride towards executing the vision and mission of the institution.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/planofact-igac.php">https://www.maduracollege.edu.in/planofact-igac.php</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and

implemented

The perspective plan of the college is shaped by the United Nations Sustainable Development Goals (SDGs) - 2015, which all nations strive to achieve by 2030. The strategic plans are devised once in five years based on the perspective plan. The annual action plan of the college is defined from the strategic plan. Efforts are taken to ensure successful deployment of the action plan. The perspective plan, strategic plan and action plans are approved by statutory committees and deployed. The plan documents, deployment documents and Action taken reports are displayed in the institutional website at the link <https://www.maduracollege.edu.in/planofact-iqac.php>

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	<a href="https://www.maduracollege.edu.in/planofact-iqac.php">https://www.maduracollege.edu.in/planofact-iqac.php</a>
Upload any additional information	No File Uploaded

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

The college is governed by The Madura College Board (MCB). The College Committee oversees appointments, policy decisions and general management affairs of the college.

The College Council advises the Principal in the day-to-day functioning of the college. The Finance committee of the college ensures fair utilization of funds by monitoring the utilization of department/intuitions' budget. The Deans (Administration, Academics, Planning and Development) have administrative, academic, programmatic and managerial responsibilities of the college.

The Academic council constituted as per norms is responsible for taking all academic decisions. The Board of Studies is constituted as per the UGC norms with the Head of the Department (HoD) as chairman. The head of the department is responsible for the administration of academic departments.

The administrative office is under the supervision of the Office Superintendent.

Various committees help the administration in various activities of the college. In total, the administration and functioning of the college is planned and executed collectively by stakeholders of the college.

The key to effective functioning of all academic / administrative bodies lie in effective adherence to policies. The college has well-defined policies for all academic and administrative tasks and standard operating procedures for its functioning. The policy documents are displayed in the institutional website for easy access to all stakeholders.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.maduracollege.edu.in/organogram.php">https://www.maduracollege.edu.in/organogram.php</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/policy-procedure.php">https://www.maduracollege.edu.in/policy-procedure.php</a>

<b>6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

and avenues for their career development/ progression

The institution effectively implements the welfare schemes for the teaching and Non-teaching staff. The College makes arrangements for availing all the government schemes such as Gratuity, Pension, Commutation of Pension, Maternity Leave, Medical Facility, Leave for Overseas Project or Conference, Health Fund Scheme, Permission to attend FDP such as Orientation programmes and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching staff. The staff appointed by the management are provided with ESI and Provident Fund benefits. The college provides incentive in the form of salary hike for completing their Ph.D. degree. To cater to the financial needs, credit facility by way of cooperative loan from the wholly self-funded co-operative credit and thrift society is extended. Faculty Development Cell is dedicated towards enriching the teaching-learning environment by organizing enrichment programmes towards opening newer avenues in the betterment of teaching learning process. The college has organised Health Camp (Eye Check-up), Covid - 19 Vaccination camp through Health and Fitness Cell for the benefit of its staff. Seed Money Scheme is also implemented in order to promote research and innovation amongst faculty members by providing financial support.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year**

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

73

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Finance committee is a statutory committee setup as per UGC regulations for Autonomous colleges. The Finance committee meets twice a year as per norms and approves the budget/revised budget. The financial planning is approved by

the Governing Body. The purchase committee has been constituted at the department/institutional level to scrutinize purchases as per SoP. Quarterly internal financial audit is conducted by M/s Manian and Rao Chartered Accountants, Madurai.

The statutory audit is conducted by M/s. R. Seshan Chartered Accountants, Madurai. Besides, the office of Regional Joint Director of Collegiate Education conducts annual audit of the salary and other government related accounts. Similarly, audit by the Accountant General is also done for the funds released by Government, UGC and Government agencies. The Madura College Co-operative society accounts are audited by the auditors of the apex Co-operative body.

The accounts are regularly audited as per statutory regulations and whenever there audit objection, systematic follow-up actions are initiated with the funding agencies to resolve the audit objection. As on date, there is no remarkable audit objection.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### **6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

10

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

The Madura College, as a premier educational institution in Tamilnadu, understands the need for mobilization resources for the incremental development of the institution. The institution has the following policy for mobilization of resources.

The College, being an autonomous institution recognized u/s 12(b) and 2(f) of the UGC Act, is eligible to tap funding from Government and Government agencies. The College administration is encouraged to send proposals to Government schemes for which the college is eligible.

All faculty members are encouraged to apply for research projects from Government and Private bodies, as per terms and conditions specified by the funding agency.

The college is open to creating shared resources through joint ventures/clusters which are beneficial to both the third party and the college.

The college encourages sharing of expertise / research infrastructure / available with the institution with the permission of the Principal. The revenue generated must be used for regular maintenance / repair of the research facility / purchase of consumable for the operation of the resource without affecting the utilization of the resource by the stakeholders of the institution.

Endowments shall be instituted for award of scholarships / prizes / organizing seminars with aid from philanthropists. Interest earned from endowments shall be spent only for the purpose for which the endowment was instituted.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality

and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC has contributed significantly for institutionalizing the quality assurance processes as visible from the following quality initiatives undertaken during 2021-22.

- Implementation of multi-disciplinary and inter-disciplinary courses across all programmes.
- Installation of firewalled centralized wi-fi internet facility with content filtering provided to students in the east corridor of the college.
- Installation of 25kW solar power plant with grid connectivity.
- Installation of Spirulina Cultivation, Vermi-composting pits and Glass house facilities.
- Conduct of energy, green and environment audit and taking adequate corrective measures.

**Practice I: Implementation of Multidisciplinary / Interdisciplinary courses across all programmes**

The college is introducing multidisciplinary and interdisciplinary courses across all programmes from the academic year 2022-23. The list of courses and the departments collaborating in organizing the courses have been finalized, curriculum designed and passed in boards of studies of all the departments concerned.

**Practice II: Installation of 25kW solar power plant**

A 25 kW solar power plant has been installed in the institution sourcing 6.9% of the energy requirement locally as indicated in the Energy Audit report of our college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The teaching - learning process is at the heart of every academic institution. The IQAC reviews the teaching -

learning process, structures & methodologies at periodic intervals as envisioned below.

The college collects feedback on curriculum and teachers after the publication of results in each semester. The curricular feedback is analysed and disseminated to the departments to incorporate the feedback into the curriculum during subsequent revision of curriculum. Feedback on teachers is shared with individual teachers for self - introspection and course correction.

Student Satisfaction Survey is collected every year from final year students to assess the overall teaching - learning process in the institution.

Annual Internal Review is conducted to take stock of the performance of each department in terms of teaching - learning process, evaluation, results (outcome), research and overall contribution of the department.

The college conducts external peer team review of the performance of the institution in aspects related to teaching-learning process, research, co-curricular, extra-curricular, extension and student support activities. Academic and Administrative Audit (AAA) and Library Audit are conducted with external peer team to assess the effectiveness of implementation of policies and procedures of the college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/audits.php">https://www.maduracollege.edu.in/audits.php</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

**B. Any 3 of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.maduracollege.edu.in/annual-report-page.php">https://www.maduracollege.edu.in/annual-report-page.php</a>
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

#### SENSITIZATION:

The Madura College is committed to provide a safe and congenial atmosphere to all stakeholders without any gender bias. Topics related to Gender Studies has been introduced as a part of the curriculum. Co-curricular activities like workshops, seminars, guest lectures, street plays, poster exhibitions, vocational training are organized through Women's cell, NSS and NCC.

#### FACILITIES FOR WOMEN IN CAMPUS:

##### (i) Safety and Security

- Boundary wall with barbed galvanized iron wire
- Deployment of Security personnel
- CCTV surveillance
- Internal complaints committee for redressal of grievances and for prevention of sexual harassment.
- Fire extinguishers at strategic points.
- Adequate lighting facility
- Mock drills, workshops and awareness programs on Disaster Management
- Incinerators for proper disposal of sanitary napkins.
- Adherence to Code of conduct by the students is ensured

by the discipline committee.

(ii) Nursing Care

Dispensary with a full-time nurse

(iii) Counselling

Mentors are the first point of contact for students to discuss academic and personal issues for counselling and guidance. Students requiring professional counselling services are referred to the Students' Counselling Cell / medical counsellor for further evaluation and treatment. The college is associated with Dr. Dheep, Founder, TOPKIDS Youth / Child Guidance and Counselling Centre, Madurai to offer counselling and allied services to students.

(iv) Common rooms

- Ladies lounge
- Burka change room for Muslim girls.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/facilities-women.php">https://www.maduracollege.edu.in/facilities-women.php</a>

**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
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<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 a maximum of 200 words)

#### Solid waste management:

The college facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. The college has been declared as a plastic free zone by the college administration. The college is taking continual efforts to repair and upgrade existing physical infrastructure including equipments, computers and peripherals instead of buying new ones to reduce the generation of waste. Waste segregation bins have been installed at prominent locations and students have been sensitized on the appropriate bins for various wastes. The college uses vermicomposting technique to manage organic waste generated in the campus.

#### Liquid waste management:

Liquid waste generated in the campus is sent to the sewers. The rain water from the terrace of the college is used to recharge ground water with rain water harvesting system installed at all buildings.

#### E-Waste management:

Electronic gadgets are repaired for minor defects by our lab technicians to ensure its optimum utilization. Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students for projects.

#### Waste recycling:

Waste water generated by RO Plant is used to recharge the open well in the campus. Waste water generated from hand-wash points and canteen is used for gardening.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<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>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <b>1. Restricted entry of automobiles</b> <b>2. Use of bicycles/ Battery-powered vehicles</b> <b>3. Pedestrian-friendly pathways</b> <b>4. Ban on use of plastic</b> <b>5. Landscaping</b>	<b>A. Any 4 or All of the above</b>

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**7.1.6 - Quality audits on environment and energy undertaken by the institution**

**7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</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.**

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

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<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).

Our college prayer signifies our commitment towards the development of society with traditional values and inclusive environment.

The admission procedure of the college, adhering to reservation policy of Govt. of Tamilnadu, enables students from various socio-economic backgrounds to join the institution. About 80% of the students admitted to the college are from socio-economically disadvantaged sections of the society.

Students from rural background, whose medium of instruction is Tamil are bridged using CLIL (Content and Language Integrated Learning) in Part-II English language study.

The college takes care of the logistics of supporting the students through Government scholarships. In addition, the college has instituted several endowments for offering scholarships to meritorious and socio-economically disadvantaged students. College also provides fee waiver to all differently abled students.

The College has conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic, and other diversities. The college organizes cultural events to celebrate the cultural diversity of our country. Students from all the

departments with various socio-economic and cultural backgrounds participate in these events and represent the culture of the region.

Several departments organize field visit and study tours to various parts of Tamil Nadu by which the faculty and students are exposed to the different cultures.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

The college sees the need for inculcating values in its students. The Student Induction Programme (Deeksharambh) is organized under the aegis of UGC quality mandate. As part of the Student Induction Programme, mentoring on universal human values by the mentors is undertaken.

Courses on 'Value education and Professional ethics' and 'Environmental and Gender studies' are offered as part of the curriculum for all UG students for inculcating values and ethics.

All students mandatorily take up community work in the society as part of their Part - V curriculum which inculcates empathy and societal values in the students. The college has adopted five villages under the Unnat Bharat Abhiyan scheme of the Ministry of Education, Government of India as part of the campus to society initiative of the college. A mock election was conducted at Vadivelkarai, one of the adopted villages under the Unnat Bharat Abhiyan scheme as part of the electoral literacy programme of the college.

The college has a stated code of conduct for faculty and students and adherence to the same is ensured. The college celebrates events of national importance like the Independence day, Republic day with fervour. Such celebrations inculcate the sense of pride and constitutional values in students to develop them into dutiful and responsible citizens.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized**

A. All of the above

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The Madura College has the healthy exercise of memorializing / celebrating national, international days and important festivals. The important days are mentioned in the college calendar and appropriate activities are organized by the clubs/cells concerned. The following commemorative days and

events were celebrated / observed during 2021-22.

- Independence Day Celebrations
- Teacher's Day Celebrations
- Mahakavi Bharathiyar Memorial Centenary Celebration (Through Online)
- World Brotherhood day
- E. V. Ramasamy Naicker birthday as Social Justice Day
- Mahatma Gandhi Jeyanthi Celebration
- Youth Awakening Day
- Vigilance Awareness Week - 2021
- Subramanyam Chandrasekhar Birthday - Celebration
- Library Week Celebrations
- Indian Constitution Day
- World AIDS Day
- National Science Day and First Bioforum Annual Conference on Biological Sciences
- Social Justice Day
- National Voters Day - Awareness regarding voting
- Republic Day Celebrations
- U.Ve.Saminathaiyar 168th Birthday Celebration
- Women's Day Celebrations
- World Mother Tongue Day Celebration
- Science day celebration and Commemoration of Einstein's Birthday and Stephen Hawkings's death anniversary

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Best Practice I:

Title of the practice

Wholesome Welfare Schemes

## Objectives

To provide wholesome welfare schemes for staff and students aimed at enhancing productivity of outcomes.

## Context

- Synergy among various stakeholders is essential for any educational institution to realize its goals of becoming a world class educational institution.
- Welfare schemes help the institution to achieve a sense of oneness among various stakeholders.
- Welfare schemes focused not only on financial security, but also on empowering the staff with newage skills for personal and professional development.

## Best Practice II:

### Title of the practice

### Holistic Education

### The context

- In the context of holistic education, the focus is on the total development and well-being of the individual rather than on academic achievement. Teachers and educators aim to create a supportive learning environment that encourages students to explore their interest, develop their skills and discover their passion. They also work to foster relationship among students, and between students and teachers based on mutual respect, trust, and cooperation.
- Holistic education often incorporates experiential learning such as field trips, service learning, and hands-on projects which help students to connect their classroom learning to real-world experiences and to develop a deeper understanding of their place in the global context.
- Synergy among various disciplines will lead to innovation and cross-disciplinary understanding of the problems of the society. An interdisciplinary culture will lead to inter-disciplinary projects and inter-disciplinary research which in-turn would lead to multi-disciplinary solution to problems of the society.

Weblink:<https://www.maduracollege.edu.in/home-distinc-ws.php>

File Description	Documents
Best practices in the Institutional website	<a href="https://www.maduracollege.edu.in/home-distinct.php">https://www.maduracollege.edu.in/home-distinct.php</a>
Any other relevant information	Nil

### 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)

Multidisciplinary and Interdisciplinary courses have become a popular trend in modern education. These courses bring together multiple subjects to provide a comprehensive and integrated learning experience.

The Madura College offers courses to enrich students' knowledge and enhance interdisciplinary and multidisciplinary learning opportunities. Department clusters have been formed to determine the content and titles of multidisciplinary and interdisciplinary courses. Multidisciplinary courses are offered to post graduate students, while undergraduate students are offered with interdisciplinary courses.

These courses provide students with a unique and valuable learning experience, as they are exposed to different perspectives and approaches to solving problems. Additionally, these courses help students to develop critical thinking and problem-solving skills, as they must integrate and apply knowledge from multiple disciplines.

The list of Multidisciplinary and Interdisciplinary courses offered are:

File Description	Documents
Appropriate link in the institutional website	<a href="https://www.maduracollege.edu.in/home-distinct.php">https://www.maduracollege.edu.in/home-distinct.php</a>
Any other relevant information	No File Uploaded

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

- To implement Inter-Disciplinary / Multi-Disciplinary Courses across all programmes from the AY 2022-23.
- To enhance the Solar power capacity from 25kW to 75 kW.
- To construct a multipurpose auditorium with Lecture capturing features like PTZ camera, Video mixing / Audio mixing equipment, etc.
- To computerize the Outcome Attainment calculation based on Manual for Outcome Attainment passed in the Academic Council held on 20-07-2022.
- To submit SSR for fourth cycle re-accreditation.