



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	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
<b>2.Institutional status</b>	
• 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				
<b>3. Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.maduracollege.edu.in/aqar-ssr-iqac.php">https://www.maduracollege.edu.in/aqar-ssr-iqac.php</a>				
<b>4. Was the Academic Calendar prepared for that year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.maduracollege.edu.in/academic-cal-20.php">https://www.maduracollege.edu.in/academic-cal-20.php</a>				
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	80-85%	2002	21/03/2003	20/03/2008
Cycle 2	A	3.32	2010	28/03/2010	27/03/2015
Cycle 3	A	3.15	2017	30/10/2017	29/10/2022
<b>6. Date of Establishment of IQAC</b>			20/06/2003		
<b>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.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Institution	Autonomy	UGC	01/06/2016	0	
Institution	RUSA	UGC	01/06/2018	0	
<b>8. Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10.Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<p><b>OBE IMPLEMENTATION:</b> Introduction of OBE for all PG programmes. The OBE syllabus for the first two semesters of all PG programmes passed in the BoS held on 22-04-2021 and passed by the Academic Council held on 17-06-2021. Also the cloud based mark entry system for OBE pattern is introduced.</p>	
<p>Introduced a course on Life Skills (Jeevan Kaushal) to all final year students under the aegis of UGC quality mandate. Also ADD-ON courses, Self-Learning Courses and many more value added courses have been introduced.</p>	
<p><b>PROMOTION OF RESEARCH:</b> Introduced the following schemes for teachers towards promotion of research. (i) Seed Money Scheme (SMS) for teachers. (ii) Institutional Research fee concession for teachers who pursue Ph.D. (iii) Reimbursement of registration fee for teachers who present research articles in National / International Conferences. (iv) Incentive for teachers towards research publications in UGC- CARE listed journals.</p>	
<p><b>GREEN CAMPUS INITIATIVES:</b> (i) Miyawaki Forest, an ultra-dense Bio-diverse packet forest, has been established using the technique developed by Japanese botanist Akira Miyawaki as a green campus initiative. (ii) Installation of Solar Panel is also in process. (iii)Green Audit 2020-21 has also been conducted.</p>	
<p><b>STUDENT SUPPORT:</b> (i) Developed student portal in the name of VIDYAAN in our college website enabling the students to interact with the mentors / college administration, submit feedback and register</p>	

grievances. (ii) Feedback on curriculum / Student Satisfaction Survey (SSS) for the AY 2020-21 was collected and analyzed through the online portal. (iii) Constituted a Divyangjan Welfare Committee and also conducted special programmes for the benefit of Divyanjan students.

**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
To extend OBE for PG programmes from the AY 2021-22.	PG first year syllabus under OBE passed in the BoS held on 22-04-2021 and passed by the Academic Council held on 17-06-2021.
To extend credit transfer from SWAYAM / NPTEL against all Elective Courses.	Passed in the Academic Council held on 17-06-2021.
To introduce a course on life skills (Jeevan Kaushal) to all final year students under the aegis of UGC quality mandate.	Passed in the BoS held on 22-04-2021 and passed by the AC held on 17-06-2021.
To introduce ADD-ON courses, Self-Learning Courses and many more value added courses	Passed in BoS of the respective departments held on 22-04-2021 and passed in Academic Council on 17-06-2021.
To encourage departments to offer atleast one inter-disciplinary course and one multi-disciplinary course.	Proposed to be introduced for final year students of AY 2022-23.
To promote internship training programmes for students. In this connection, the departments shall consider collaboration with industry.	(i) A total of 70 students have undergone internship in the industry. (ii) Departments have been encouraged to enhance collaboration with the industry.
To prepare manual of attainment for calculating course / programme outcomes under OBE.	Draft manual of attainment has been prepared.
The admission process for UG & PG programmes shall be fully automated.	ROVAN IMS was used during admission 2021-22.

To extend single window counselling process for admission to PG programmes as well.	Centralized rank list preparation was done using ROVAN IMS during admission 2021-22.
To have a common examination pattern for all PG programmes.	Passed in the BoS held on 22-04-2021 and passed by the AC held on 17-06-2021.
To introduce more student centric components in CIA for testing the outcome of students in PG programmes.	Weightage for test components in CIA has been reduced to 10 marks and that of for non-test components has been increased to 15 marks for all PG programmes under OBE (Passed in the BoS held on 22-04-2021 and passed by the AC held on 17-06-2021).
To introduce cloud based mark entry system for OBE pattern.	Cloud based mark entry system developed by ROVAN for OBE launched in February 2021.
To develop student portal in the college website enabling the students to interact with the mentors / college administration, submit feedback and register grievances.	The student portal in the name of "Vidyaan" developed and linked to the college website.
To conduct Student Induction Programme (SIP) through online mode.	(i) A 3-day Student Induction Programme 2021-22 for PG Students was conducted during 18-23, August 2021. (ii) A one week Student Induction Programme 2021-22 for UG Students was conducted during 6-13, September 2021.
To conduct capacity building and skill enhancement programmes for students.	A total of 4 capacity building programme were conduct during 2020-21.
To offer guidance / coaching for competitive exams and career counselling.	A total of 7 guidance / coaching for competitive exams and career counselling programme were offered to students during the AY 2020-21.

<p>To conduct campus placement drives.</p>	<p>(i) A campus drive was held on 19-03-2021. A total of 37 students got placement. (ii) Private Job Fair by Madurai District Administration &amp; District Employment and Training Department in association with Madura College was held on 23-01-2021.</p>
<p>To subscribe to NDLI club towards promotion of Digital Library access to students.</p>	<p>Registered as club in NDLI. (Reg. No: INTNNC4MG8YWMMF)</p>
<p>To setup a co-operative store to be run by students.</p>	<p>Proposal is under consideration.</p>
<p>To constitute a Divyangjan Welfare Committee and also to conduct special programmes for the benefit of Divyanjan students.</p>	<p>Divyangjan welfare committee was constituted and a special programme was organized for the benefit of differently abled students.</p>
<p>To review research policy and suggest amendments.</p>	<p>The research policy is reviewed and updated.</p>
<p>To create research ID's for all the faculty members of the College in recognized platforms like Google Scholar, Vidwan, Web of Science, Scopus and ORCID.</p>	<p>Research IDs were created for faculty members and updated in IRINS / Vidwan.</p>
<p>To create awareness among the faculty members in tapping funds (Research Projects) from various funding agencies.</p>	<p>Proposed to conduct in the forthcoming AY 2021-22.</p>
<p>To introduce the following schemes for teachers towards promotion of research. (i) Seed Money Scheme (SMS) for teachers. (ii) Institutional Research fee concession for teachers who pursue Ph.D. (iii) Reimbursement of registration fee for teachers who present research articles in National / International Conferences. (iv) Incentive for</p>	<p>Seed Money Scheme was introduced and an amount of Rs. 31,000/- was sanctioned to 3 beneficiaries. The rest of the schemes have also been initiated.</p>

teachers towards research publications in UGC- CARE listed journals.	
To bring out our college Research Journal SALSEARCH with ISSN number.	Research committee is entrusted with the task of bringing out the journal.
To organize webinars on research methodology for teachers / research scholars.	Proposed to conduct in the next AY.
To extend ERP to activities like (i) Admission (ii) OBE attainment calculation (iii) Student feedback collection and analysis (iv) Student grievance	ERP extended to the activities mentioned: (i) ROVAN IMS (2021-22) (ii) ROVAN IMS (February 2021) (iii) VIDYAAN (December 2020) (iv) VIDYAAN (December 2020)
External Academic & Administrative Audit which was planned to be held in the month of March 2020, postponed due to COVID pandemic, shall be conducted.	External AAA is deferred to the next Academic Year 2021-22.
External Peer Team Review for the AY 2019-20 shall be conducted.	External Peer Team Review was conducted on 07-12-2020.
To conduct Annual Internal Review for the AY 2020-21.	Due to COVID lockdown, the review was deferred to the next AY.
To conduct energy audit, environment audit and green audit for the AY 2020-21.	Green Audit was conducted. Energy Audit and Environment Audit is under progress.
To take efforts to reduce the carbon footprint of the institution. (i) Solar panel installation may be considered. (ii) Enhancing greenery in the campus. (iv) No Vehicle Day may be observed.	(i) Installation of solar plant is under consideration. (ii) An ultra-dense Bio-diverse packet forest has been developed using the technique developed by Japanese botanist Akira Miyawaki.
To take efforts to manage solid waste produced in the campus.	Vermi composting pit is proposed.

To take efforts for installing a sewage treatment plant in the campus for recycling water.	Under consideration.				
Replacement of lighting and electrical equipment shall be done only with energy saving options (5 star rated / LEDs).	All electrical lighting installations done with LED.				
Feedback on curriculum / Student Satisfaction Survey (SSS) for the AY 2020-21 shall be collected and analyzed through online portal.	Feedback collected and analysed using Vidyaan.				
<b>13. Was the AQAR placed before the statutory body?</b>	<b>No</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Nil	Nil
Name of the statutory body	Date of meeting(s)				
Nil	Nil				
<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Year</li> </ul>					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>01/06/2020</td> <td>25/02/2022</td> </tr> </tbody> </table>		Year	Date of Submission	01/06/2020	25/02/2022
Year	Date of Submission				
01/06/2020	25/02/2022				

## 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 3200

Total number of students during the year:

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

2.2 1067

Number of outgoing / final year students during the year:

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

2.3 3092

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**3.1 757

Number of courses in all programmes during the year:

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

3.2 207

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
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### 2. Student

2.1 3200

Total number of students during the year:

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

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### 3. Academic

3.1 757

Number of courses in all programmes during the year:

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

3.2	207
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	201
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	993
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	119
Total number of Classrooms and Seminar halls	
4.3	311
Total number of computers on campus for academic purposes	
4.4	260.86
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, among the very first colleges to be granted the status of autonomy in 1978, is a pioneering institution in the field of education. The college has always been among the early adopters of ever changing educational needs of students with focus on local, regional and global developmental needs. The college implemented the Choice Based Credit System in 2008 to enhance focus on skill development with focus on student centric learning.

Learning Outcome Based Curriculum Framework (LOCF) 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 University Grants Commission 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 University Grants Commission 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.

The curriculum is divided into five major parts encompassing the requirements of producing a graduate who is a dutiful citizen of the country, who can compete globally and can understand the needs of the local community.

**Part - I: First language (Tamil / Hindi / Sanskrit)**

The students are exposed literature in in the local language to understand our rich heritage, culture, society and traditions.

**Part - II: English**

The English curriculum is designed to enable the students to become global citizens who can communicate with an international audience.

**Part - III: Major / Allied / Electives**

Part III curriculum focuses on the student attaining domain knowledge and skills pertaining to their chosen field.

#### Part - IV: Mandatory Papers / Non-major electives

Mandatory papers covering aspects like Environmental studies, Value Education, Professional Ethics, Interdepartmental papers and Electives focussing on developing the skills of the student.

#### Part - V: Community Service

The aim of education is to create an all round personality who is aware of the local needs and problems faced by the local community. Education should develop responsible, law-abiding citizens who can develop solutions for the problems faced by the local community. In this regard, students should mandatorily take part in community service by enrolling themselves in NSS / NCC / YRC / Physical Education and undertaking the activities of the same. They also serve as platforms for developing leadership skills and other soft skills.

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

22

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

653

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

42

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 is an institution that believes in imparting**

values to the students as part of the curriculum. A 21st century graduate should possess a large number of interpersonal and intrapersonal skills. A 21st century graduate is expected to work harmoniously in collaboration with a team of members of different gender, race, religion and nationality with synergy and enhanced productivity. Mitigation of interpersonal conflicts with peers or identifying and mitigating conflicts with nature requires analytical skills since solutions may be non-conventional / non-conformal. We are in an era where environmental issues like climate change and global warming are looming large with unsustainable loss of vegetation and mass extinction of species around the globe. Basic needs of life like breathable air and potable drinking water are becoming scarce commodities.

It is with this idea that 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. Mentor teachers are trained on handling the mentoring sessions based on Deeksharambh : A Guide to Student Induction Programme which is based on Jeevan Vidya philosophy. During the sessions with mentors, students are motivated to learn universal human values based on self introspection using empathy as a tool. Themes covered include : Student aspirations and family expectations, gratitude, self and body, peer pressure, prosperity and relationships.

Mandatory Courses offered under Part - IV of the curriculum provides scope for students to learn about issues concerning society and humanity. The college offers two courses of three credits each during the first and the second semester for all undergraduate students.

Mandatory courses offered are :

1. Value education and Professional Ethics
2. Environmental and Gender Studies

Part - V envisages the student to mandatorily take up social service as part of the curriculum. The students choose amongst National Service Scheme, National Cadet Corps, Youth Red Cross 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.

Add on courses, Certificate courses and Diploma programmes addressing these cross cutting issues are also offered to students. The college has introduced an add-on course entitled Research Methodology and Research ethics, the first of its kind at postgraduate level in this part of the country 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	<a href="#">View File</a>

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

15

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

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

<b>718</b>	
File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.3.4 - Number of students undertaking field work/projects/ internships / student projects</b>	
<b>368</b>	
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
<b>1.4 - Feedback System</b>	
<b>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</b>	<b>A. All 4 of the above</b>
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>
<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>

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

1202

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)

993

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.

The Madura College, as an educational institution catering to the needs of students from diverse socio economic background is committed to the cause of the students by catering to their diversified needs. As a pioneering institution in the field of education, the college understands that the solutions are as diversified as the needs. The institution has assessed that learning disparity is visible at two stages.

1. Entry level
2. During Progression

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.

With the students entering the realm of higher education from a medium of instruction, other than english, in the range upward of 40%, the prime need is to bridge the language gap. A short bridge course was found to not help students to bridge this divide. It is with the motive to help both the students from Tamil medium of instruction and english medium of instruction that 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.

'CLIL is an approach in which a foreign language is used as a tool in the learning of a non-language subject in which both language and the subject have a joint role.' - Marsh, Coyle: 2006.

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 2 to 5 days immediately after the student induction program.

During progression of students, the college has adopted the continuous mode of assessment for all courses. The slow learners are offered special Remedial Coaching for specific courses based on student needs as assessed by the respective course teachers.

Advanced learners, as assessed through entry level test or by the

course teacher, are given provision to earn Extra Credits by taking certificate courses, add-on courses, diploma programmes offered by the college or by way credit transfer from MOOC platforms like Swayam. Self-Study content and Self-Study courses with mentoring from teachers has 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
31/05/2021	3200	207

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:

Student centred teaching learning process is at the heart of any 21st century higher educational institution. The college has introduced 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:

The college follows an exhaustive course design principle in which the curriculum, the pedagogy, external references, course plan, assessment structure, blueprint are planned during the design of the course with a clear statement of program outcomes, program educational objectives, course objectives and course outcomes With a student centric approach. The course plan States the pedagogy

for each of the course content. The pedagogy is chosen keeping student participation in the teaching learning process in mind. Practical courses focusing on experimentation and project work are included in the curriculum as needed.

#### Teaching learning process:

The college conducts frequent training programs for teachers on emerging trends in student centric teaching learning process like blended learning, active learning strategies and flipped classroom. Practical laboratory experiments and Language labs are used as tools for experiential learning. Tutorial, problem solving sessions, in class quizzes and other active learning strategies are used as tools for student centric learning. Students are given exposure to student centric online tools available like virtual labs and talking dictionaries. Students are taken for field visits for content relevant to their curriculum.

#### Evaluation:

The college has introduced Continuous Internal Assessment (CIA) for all programs. In addition, the college has continually reduced the weight for the test component of the internal assessment within the scope of directions from Tamilnadu State Council for higher education. 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 and demo model creation, viva-voce and other student centric assessment tools have been incorporated into the curriculum.

#### Clubs and Study Circles:

Departments clubs are functional and organize competitions like paper presentation, model making, rangoli (on curricular topics), quiz, 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. Peer to peer learning is one of the most effective methods by which learning can happen in students.

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

Lifelong learning is one of the stated Graduate Attributes of University Grants Commission and has been Incorporated by the college in its stated programme outcomes. The ability to learn, unlearn and relearn is an important skill for the 21st century graduate. Self learning and the motivation to self learn imbibe the quality of lifelong learning to the graduate. Open Educational Resources and MOOC courses are the tools for graduates in this direction.

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.

Information, media and technology are parts of digital literacy skills of the 21st century graduate. ICT enabling of the classrooms promotes real time communication between the teacher and the student thereby enabling real time assessment of the learning level of the student. Tools like Google forms, quizizz and plickers support the teaching learning process by being a 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.

Infrastructure and training are two aspects enabling use of ICT tools and online resources for teaching learning process. For

enabling optimal utilization of resources, each department is provided with LCD projectors (portable or fixed as required) on share and care basis. The college also has two smart classrooms with starboard facility. Each department is provided with 75Mbps fiber internet connection. Two seminar halls having a capacity of 80-150 cater to the needs of the teaching learning process.

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 for the use of educational media creation tools like OBS studio, Screencastify and use of live collaboration tools like google meet and zoom were organized for the faculty. Teachers were also trained on video editing tools like openshot.

Some of the ICT tools used by teachers in every day classroom situations include

- Interactive powerpoints
- Quizizz
- Google forms
- Google meet
- Zoom
- Edmodo
- Google classroom
- Canvas LMS

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/TLP.php">https://www.maduracollege.edu.in/TLP.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

207

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, 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 prepare department specific academic calendar in which dates for department meetings, seminar, guest lectures, Parents-Teachers Association meetings, club activities 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.

For the teaching learning process, the departments discuss the work allotment for teachers and the student time table / schedule of classes is prepared and circulated to the students by the respective departments. A detailed course plan including pedagogy and schedule has been designed along with the curriculum and

passed in the Board of Studies and Academic Council for adherence by the respective course teachers.

The college, including all the stakeholders, adhere to the schedules printed in the academic calendar. In the event of being unable to adhere to the calendar due to unforeseen circumstances, the College Council or the respective departments meet to prepare revised calendars as circumstances necessitate.

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

207

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

136

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)****1514**

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****Nil**

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****6**

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	<b>No File Uploaded</b>

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**

- 1. ROVAN EMS (Examination Management System)**
- 2. 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.

1. Online application form for students
2. Online exam fee payment
3. Hall-ticket download
4. Internal mark entry view for students
5. Approval of marks for CIA by students
6. Submission of exam related grievances
7. Feedback an question papers

The IMS has the following features for teachers

1. Entry of Internal marks by teachers
2. 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

1. Student master records
2. Faculty master records
3. Programme/Course master records
4. Examinations master records
5. 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 port-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

The college introduced Outcome Based Education for all undergraduate programmes from the Academic year 2020-21 and postgraduate programmes from the Academic year 2021-22. 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.

Graduate attributes:

Disciplinary Knowledge

Problem Solving and Analytical reasoning

Information and digital literacy

Communication skills

Moral and ethical awareness and reasoning

Research related skills

Cooperation / team work

Self-directed and lifelong learning

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 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 for all students and staff members. In addition, each copy of the syllabus for the individual courses contain the course outcomes and the correlation mapping with the programme outcomes and programme specific outcomes defined for that particular programme. The entire syllabus indicating the Course Outcomes is also displayed publicly in the institutional website for the reference of students, staff and general public, including academicians from other institutions. A session on Outcome Based Education is planned and conducted during the conduct of Student Induction Programme (Deeksharambh) for the benefit of newly inducted students to enable them to understand LOCF. Course teachers introduce the course outcomes for their respective courses to the students during the transaction of the curriculum.

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	<a href="https://www.maduracollege.edu.in/pro-time.php">https://www.maduracollege.edu.in/pro-time.php</a>

#### 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.

The course outcomes are mapped against programme outcomes on a 3 point scale with 1 indicating low correlation 3 indicating medium correlation and 9 indicating high correlation between the outcomes. Weights are assigned for each course based on cumulative points of mapping of course outcomes against programme outcomes. Course Outcomes are directly measured while program outcomes are derived from course attainments.

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 attainment for each course outcome is measured on a 3 point scale with 9 indicating high attainment, 3 Indicating medium attainment and 1 indicating low attainment. The average of attainments for all course outcomes gives the attainment for the course. Each student's programme outcome attainments are calculated by multiplying the weight for each programme outcome assigned for each course with the percentage marks scored in the course. Cumulative attainment will give the attainment for the entire programme.

The attainment of outcomes perceived by the student is assessed through a questionnaire prepared for this purpose. The course attainment for the class is computed by considering 80% of

attainment from direct assessment and 20% of attainment assessed qualitatively through feedback mechanism. Attainment of course outcomes for the entire class is derived by taking the attainment for each student. From the course outcome attainment, programme attainments are calculated by multiplying the attainment with the weight in programme outcome corresponding to the course outcome considered and dividing by 9. The programme outcomes attained are the cumulative attainments across all courses of the given programme.

The entire 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

1045

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	Nil

### 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

The Madura College is among the pioneering Autonomous institutions to have a distinctive focus on research in addition to core Academics. A total of 13 departments (Aided) out of 7 are recognized as research centres by the affiliating university. A total of 38 faculty of our college are recognized as Research Supervisors by Madurai Kamaraj University. A total number of 115 research scholars are working on their research work. The number of funded research projects and the quantity of publications speak volumes of the research impetus in the institution.

#### Research Advisory Committee

The Research Advisory Committee has been set up with the principal as the chairperson. Members to the committee are nominated by the principal. the committee meets at least twice in a year

- To suggest amendments to the existing research policy.
- To take cognizance of the research activities of the college.
- To suggest ways of improving the quality of research in the college.
- To organise programmes for faculty and Research scholars on themes like research ethics, research methodology, modern tools for research and other topics as deemed fit by the committee.
- To suggest new schemes / implement existing schemes approved by a competent authority related to promotion of research in the college.
- To Recommend teachers/ proposals for schemes / awards / prizes of the college.

#### Research Policy

A comprehensive policy for promotion of research has been drafted by the Research Advisory 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.php">https://www.maduracollege.edu.in/rpr-page.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)

0.31

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	<a href="#">View File</a>
Any additional information	No File Uploaded

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
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)

2.97

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

2

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/researchproj.php">https://www.maduracollege.edu.in/researchproj.php</a>
List of research projects during the year	<a href="#">View File</a>

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

38

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

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://www.icssr.org/">https://www.icssr.org/</a> , <a href="https://moef.gov.in/en/">https://moef.gov.in/en/</a>
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.

With the end of the information age, we are now entering the imagination age. It has been long hypothesized that in the 21st century, imagination will be the primary driver of economic value. Any higher educational institution will be failing in its duty if

it does not cater to the needs of this era.

#### Centres for research

Research is a formal, systematic and structured study in any field leading to the creation of new knowledge in the area of study. The tutelage of a younger mind under the able guidance of an experienced researcher at the heart of an academic institution can lead to unravelling the mysteries of the world around us and help us in the creation of new knowledge hitherto unknown or waiting to be discovered. A total of 7 departments of our college has been recognized as formal centres of research by Madurai Kamaraj University and a total of 38 teachers have been recognized as research supervisors.

#### Entrepreneurship Development Cell

Brilliant ideas, nurtured well has led to the creation of many Million Dollar startups. The Madura College has set up an entrepreneurship development cell which organizes special programs to develop and nurture the entrepreneurs in the students. 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 (Entrepreneurship Development and Innovation Institute, Department of MSME, Government of Tamilnadu) hub of Madurai Kamaraj University, established to create entrepreneurship culture in higher educational institutions in the state. The Madura College has created the Rural Entrepreneurship Development Cell and has organized workshops on Rural Entrepreneurship Development in association with Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India.

#### Community Orientation

As a higher education institution, we are aware that engagement of students with the community would lead to grassroot innovation. It is with this motive that all undergraduate students take a community oriented extension programme as part of the curriculum under Part - V. In addition, the college has adopted five villages under the Unnat Bharat Abhiyan scheme of Government of India. The scheme involves a survey and attending Gram Sabha meetings to

understand the problems faced by the community and mitigation of the same by interventions, technological or otherwise.

### 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

Nil

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**

**B. Any 3 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

4

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

156

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

39

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1IkKCfAuHuL-BBSpdhn3xTI_igfHOig8r/view?usp=sharing">https://drive.google.com/file/d/1IkKCfAuHuL-BBSpdhn3xTI_igfHOig8r/view?usp=sharing</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

502

File Description	Documents
Any additional information	<a href="#">View File</a>
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)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

### 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	No File Uploaded
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

The role of higher education in today's scenario is to produce well-rounded citizens who are not only strong in their cognitive domain but also strong in their affective and psychomotor domains. 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 National Service Scheme, National Cadet Corps, Youth Red Cross and Physical Education as part V. The college has also adopted five villages as part of its commitment to national development through Unnat Bharat Abhiyan. This helps our students to understand the dynamics of our society and understand social issues prevalent in the neighborhood community. This also helps students to come up with out of the box solutions to the problems in our society.

Students are sensitized to various social issues by organizing a wide variety of programmes addressing these issues. Students take up community work as part of their Part-V curriculum. 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://drive.google.com/file/d/1TynOaregIgzvKB_VAsJYE6FH9Y84K3/view?usp=sharing">https://drive.google.com/file/d/1TynOaregIgzvKB_VAsJYE6FH9Y84K3/view?usp=sharing</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

3

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

### 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)**

20

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**

556

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**

10

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)**

9

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. 17 different blocks house our 90 classrooms, 24 laboratories, 5 seminar halls, library and common computational facilities. Fourteen of the blocks have been constructed in G+1 architecture with large verandah space, two 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 four common seminar halls with LCD

projector, broadband internet and audio visual facilities.

A total sum of Rs. 2,44,358 was spent towards purchase of equipment and consumables for the laboratory, Rs. 1,43,752 towards providing internet connectivity, Rs. 51,790 towards upgrading of computational 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, the annual cultural fest of the college. The Madura College Cultural Academy coordinates the cultural events of the college.

#### Yoga

Regular yoga classes are conducted to all students in addition to special sessions organised during student induction program and yoga day. The college has entered into a memorandum of understanding 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	<a href="#">View File</a>
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)

14.31

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 various discipline to cater to the academics needs of students and faculty.

#### Library Automation

We have been using Autolib which is an Integrated Library Management System to automate the various library functions like book purchase, maintaining Bibliographic databases, member database, issue -return module, online title search (OPAC) etc.

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.

We have one system with a dot matrix printer for back office work like regular correspondence and preparing book orders, subscription orders etc

#### 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
<b>4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources</b>	<b>B. Any 3 of the above</b>
File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)</b>	
<b>0.059</b>	
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>
<b>4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)</b>	
<b>4.2.4.1 - Number of teachers and students using the library per day during the year</b>	
<b>41</b>	
File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

### 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

In this technological era, equitable access to information technology facilities like computers, internet, Wi-Fi access along with necessary software is an essential infrastructure in Institutions of Higher Learning. 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, he college set up 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
3200	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: 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)**

246.55

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

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.

While the college is taking adequate measures for mobilizing financial resources for the institution, the college also takes all efforts to ensure optimal utilization of funding based on requirement analysis.

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 a 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 departments. The library assistant ensures proper utilization and maintenance of books and other library facility.

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

896

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

10

File Description	Documents
Upload any additional information	No File Uploaded
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)**

**A. All of the above**

Awareness of Trends in Technology	
File Description	Documents
Link to Institutional website	<a href="https://www.maduracollege.edu.in/CDP.php">https://www.maduracollege.edu.in/CDP.php</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>	
1630	
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>
<b>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</b>	<b>A. All of the above</b>

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

111

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

256

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

10

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

1

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 which is the representative council of students.

Regular 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

The Students' Council is a body of representatives from all programmes offered by the college. The members are nominated by the department. The members elect the Office Bearers democratically by the process of Election. The Students' Council is a representative of the students of the institution. 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

1. Organizing the college assembly
2. Bringing students' achievements in various spheres to the notice of the administration.
3. Appointing and overseeing the activities of the Students Reporters for reporting on the activities in the college and for bringing out the "Online Students' Newsletter" of the college.
4. Bringing Students' grievances to the notice of the administration immediately and help resolve the same.
5. Appointing and overseeing the activities of the Students' Editorial board for bringing out the artistic talents of the students and for publishing the college magazine.
6. Help the administration in maintaining law and order during the conduct functions and events in the campus.

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

2

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 up to 2010-11, Old Students Association up to 2014-15) is a registered body under The Societies Registration Act, 1860 by the Office of the District Registrar, Madurai-1. The registration number is 2/1945 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 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 of The Madura College 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 Samplings 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	No File Uploaded
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/alumni.php">https://www.maduracollege.edu.in/alumni.php</a>

#### 5.4.2 - Alumni's financial contribution during the year

File Description	Documents
Upload any additional information	No File Uploaded

### 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. Both the vision and mission of the institution is in tune with the objectives of the Higher Education policies of the Nation. The academic and administrative planning and implementation reflects the institution's efforts in achieving its vision. The College has long term vision for both, academic and administration. The statutory and Non-Statutory bodies of the college is headed by its Secretary, consists of College Board Directors, members, Principal, Deans (Administration, Academics, and Planning and Development), CoE, HoDs, and convenors of various committees like Academic and Administrative Audit Cell, Academic Council, IQAC, etc. to maintain high standards to impart education. All the systems work together as a team aiming to be champions of organizational change. With the objective of inclusive growth, it tries to reach out and help socially and economically backward and differently-abled students, by constituting various measures in its operations.

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 in working through delegation of authority. To cater the smooth running 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, The College Committee, The Academic Council, Board of Studies, The Awards Committee, College Council, The Examination Cell, IQAC, AAA Committee, Attendance Committee, Audio-Visual/ICT Campus Discipline, Extension/Village Adoption Committee, External Affairs, Feedback and Student Progression Handbook Committee, Health and Fitness cell, Library Committee, Purchase Committee, Scholarship and Student Fund Committee, Sports and Games Committee, Time-table Cell, Website maintenance Committee, Women's Cell, etc. At Functional Levels, 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 synergetic stride towards executing vision and mission of the institution.

#### Case Study:

Decentralisation and participatory management as academic and administrative autonomies exist as imperative constructs to our institution's good governance approach. To highlight, a case study of designing the 'curriculum' is presented. Teachers, Students, Alumni, Industry and other stakeholders participate in decision making of curriculum designing and academic planning to ensure professional success of the students. The curriculum is designed

once in every three years. The faculty members of the departments prepare syllabi for various courses keeping in view the objectives of the college, interest of the stakeholders and national requirement for consideration and approval of the Academic Council. The framed syllabi will be scrutinised by the OBE Scrutiny committee headed by Academic Dean and will inform the corrections to the respective departments, in turn, it will be passed in Board of Studies. The BOS will suggest methodologies for innovative teaching and evaluation techniques, panel of names to the Academic Council for appointment of examiners and Coordinate research, teaching, extension and other academic activities in the department/college. The BoS for each department may consists of Chair person (HoD), two University Nominees, two subject experts, an Alumni, an industrial experts and Members of Faculty. After BoS, the contents of the syllabi shall be revised, updated and submitted to the Academic Council for approval. After the approval, designed curricula will be prescribed to every discipline for a minimum period to pursue skill development programme and to attain the level of proficiency expected. Teachers help in periodic review of the curriculum and decide about the implementation of new and value-added courses, as it is believed the curriculum is broad framework.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.maduracollege.edu.in/strategic_plan.php">https://www.maduracollege.edu.in/strategic_plan.php</a>

## 6.2 - Strategy Development and Deployment

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

**Student Support & Progression :** The college has the practice of successful strategic implementation of Student Support & Progression through an amalgamated team of staff and student council.

**Vidyaan** - a platform for students support (students get the details of application online application for examinations,

display of circulars & programme invitation). Updating the platform by the members of student's council and a team of staff.

Student council - members of the students elect office bearers and they acts as an intermediate agency between the administration and students.

Student support measures implemented as per strategic plan: mentoring, flexible curriculum design, credit transfer facility, extra credits scheme, diverse programmes for fast learners and slow learners, skill based activities, offering certificate courses, internship, entrepreneurship development, recreational activities (MCCA), guidance and counselling, training programmes, amenities (RO water, playground) , women cell, WiFi enabled campus, transparency in examination system, grievance redressal mechanism, MoU, 100% fee exemption for differently able students.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.maduracollege.edu.in/strategic_plan.php">https://www.maduracollege.edu.in/strategic_plan.php</a>
Upload any additional information	<a href="#">View File</a>

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 members of MCB select Board of Directors. The directors nominate the office bearers (President, Vice-president, secretary, joint-secretary, treasure) among them. The College committee is constituted by the president and the members of the committee are Board of Directors, university nominee, The Principal, two senior faculty members and an office superintendent. The College committee empowers the approval for appointments of staff, policy decisions, general management affairs of the college. The College council is formed by including all HoDs, Coordinators of Co-curricular activities, librarian as members under the chairmanship of The Principal. The College Council advices and helps the principal in taking decisions in day-today functioning of the college. The policies which have financial implications will be

presented to higher level committees. The finance committee of the college ensuring the fair utilization of funds through monitoring the utilization of department/intuitions' budget and consider audited accounts and approval. It also advices the other committees/departments on all financial matters. The Deans (Administration, Academics, planning & research) have administrative, academic, programmatic and managerial responsibilities of the college.

The Academics of the college is decided by the Academic council under the chairmanship of principla and the members are the nominees from university, management, and faculties of all the departments. It hold the responsibility of passing the resolutions passed in the various Board of Studies (BoS) of the college, The BoS is constituted as per the UGC norms. The Head of the Department (HoD) is responsible for the administration of academic Department and the administrative office is under the supervision of the office Superintendent.

In addition various committees including members of the faculty, staff and students help the administration in various activities of the college. The functionaries of various cells hold the responsibilities of extracurricular activities. In total the administration and functioning of the college is planned and executed by a key stakeholders of a college i.e, management, staff and students.

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	Nil

**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	No File Uploaded

### 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 faculties. The College makes arrangements for availing all the government schemes such as Gratuity, Pension, Commutation of Pension, Maternity Leave, Medical Facility, Leave on 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 self-financed staffs of the institution also receive Provident Fund, initiation and training programmes for the newly recruited staff, incentive in the form of salary hike for the staff of the self-financed stream for completing their Ph.D. degree. The college provides Wi-Fi facility to the staff inside the college campus. To cater to the financial needs, loans are given to the staff by the thrift society which is managed by the staff with the approval of the management. Faculty Enrichment Cell is organised and dedicated towards enriching the teaching-learning environment by opening newer avenues for inclusive understanding of a subject. It focuses on the overall academic development programs of the faculty members by organizing faculty development program, orientation courses and workshops. Besides these, the college has organised Passport mela, Health Camp (Eye Check-up), Covid - 19 Vaccination camp through Health and Fitness Cell. Seed Money Scheme is also implemented in order to promote research and innovation amongst faculty members by providing financial support to them.

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**

4

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.)**

146

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 purchased as per SoP. Quart yearly internal financial audit is conducted by M/s Manian and Rao Chartered Accountant

The statutory audit is conducted by M/s. Manian and Rao chartered accountants. 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)**

13

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

**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.

**Grants from Government / Government agencies / Private agencies:**

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. The Principal will nominate a member of the faculty as nodal officer for the scheme to be applied for. The nodal officer will identify a team of members for the preparation of proposal after discussion with the Principal. Necessary office assistance would be provided by the college administration for the preparation of proposal. When selected for presentation, the college would provide necessary travel support for the presentation.

**Research Projects:**

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.

**Joint ventures with Private agencies:**

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

**Sharing of expertise / Infrastructure / Other facilities:**

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. Proper care must be taken to ensure that the sharing of resource must not affect utilization of the resource by the stakeholders of the institution.

**Renting of grounds / Physical resources:**

The grounds / sports facilities / physical resources shall be rented for conduct of sports tournaments / examinations conducted by Government / Private institution with the permission of the Principal. Membership of walkers club could be extend to the general public. The revenue generated from renting of physical facility / grounds shall be utilized for maintenance of grounds / physical facilities.

**Endowments:**

Endowments shall be instituted for award of scholarships / prizes / organizing seminars with aid from philanthropists. Interest earned from endowments shall be spend 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 Institute was awarded 'A' Grade by NAAC in 2017. Since then, a number of quality initiatives and actions on the observations given by NAAC have been successfully implemented with the active involvement of IQAC. The quality initiatives that have been institutionalised as a result of IQAC are OBE and Vidyaan Portal during 2020 - 21.

1. Outcome Based Education is one of the best post-accreditation quality initiatives taken by IQAC. It is considered as a giant leap forward to improve the quality of higher education that helps Indian graduates to compete with their global counterparts. It is an educational approach that focuses on student-centred instruction model that focuses on measuring student performances through outcomes. It demands the students to actively engage in the learning process and demonstrate his/her skills through more challenging tasks and higher order of thinking. The OBE model measures the progress of graduates in three parameters, through: Program Outcomes (PO), Program Educational Outcomes (PEO), and Course Outcomes (CO). Assessments in this process will help and support students in overcoming their barriers to learn it means a lot in helping both teachers and students.
2. Vidyaan Portal: The second practice is the implementation of Vidyaan Portal where the students are given access to the website using their college mail address to prompt information and necessary updates that are made readily available to a large number of students and to direct students to educational resources for fun and learning. This allows to view their own timetable, payments, and academic results, and download college materials. This portal can also be used as a platform for communication between Student and Teachers/Mentors and College administration.

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 college has adopted Outcome Based Education for all UG programmes from 2020 and PG programmes from 2021.

The IQAC reviews the teaching - learning process, structures & methodologies at periodic intervals using a variety of tools.

The college collects feedback on curriculum and teachers after the publication of results in each semester. The curricular feedback is analysed and sent to the departments for further action. Feedback on teachers is shared with individual teachers for self - introspection and course correction.

Student satisfaction survey is collection from all final year students to assess the overall teaching - learning process in the institution.

Annual, department-wise 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 an 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.

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

**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	<a href="#">View File</a>
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. The college has introduced "Gender Studies" in the curriculum for all undergraduate programmes to sensitize students on gender sensibilities. The institution also promotes gender equity through co-curricular activities like workshops, seminars, guest lectures, street plays, poster exhibitions, vocational training through Women's cell, NSS and NCC. The institution organizes programmes on themes like Rights of Women, Legal framework available to women, Human rights, Health and other themes of relevance in association with NGOs and legal professionals.

#### Grievance redressal mechanism

Mentoring system is followed in the college to address issues faced by students and the mentors act as the first point of contact for students. The institution has constituted the the Students Grievance Redressal Committee, Students' Council with Adequate representation from Women, Anti-Ragging cell, Internal Complaints Committee for prevention of Sexual Harassment, Discipline committee as per directions from University Grants Commission / Government of Tamilnadu.

#### Facilities

The college takes safety and security of the stakeholders as its priority. The entire campus is under CCTV surveillance. Security personnel have been hired to patrol the campus. All stakeholders are issued identity cards to identify trespassing. Ladies lounge / restroom has been provided with first aid kit and sanitary napkins with incinerator facility. An internal students counselling cell with a women coordinator has been established to counsel students in need of counselling.

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

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

C. Any 2 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)

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 has taken a decision to avoid the use of disposable cups for drinking water and canteen use. The college is taking continual efforts to repair and upgrade existing physical infrastructure including equipments and computers and peripherals instead of buying new ones to reduce the generation of waste. Such actions have led to reduction in generation of waste.

Waste segregation bins have been installed at prominent locations

and students have been sensitized on the appropriate bins for various wastes. This ensures that solid waste is segregated at the source. It also ensures management / recycling of waste with minimum cost and labour. The college is proposing to install a vermicomposting pit for management of solid waste.

College organizes awareness programmes on e-waste and its environmental implications to the students. The college organizes special camps for collection of e-waste from stakeholders and the general public. The e-waste is handed over to waste collection centres for proper handling and disposal. Electronic gadgets are repaired for minor defects by Lab Assistants and Service personnel hired for this purpose. Reusable electronic components are removed and used by students for experiments and projects.

Waste water is properly collected and fed to the sewers. Waste water generated by RO Plant is used to recharge the open well in the campus. Waste water from sinks are used for gardening. The college is proposing to install a sewage treatment plant for liquid waste management and waste water recycling.

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**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<p><b>A. Any 4 or All of the above</b></p>										
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Any other relevant documents	<a href="#">View File</a>										
<p><b>7.1.6 - Quality audits on environment and energy undertaken by the institution</b></p>											
<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<p><b>A. Any 4 or all of the above</b></p>										
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Any other relevant information	<a href="#">View File</a>										

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>B. Any 3 of the above</b></p>										
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Any other relevant information	<a href="#">View File</a>										
<p>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).</p>											
<p><b>Our college prayer signifies our commitment towards the development of society with traditional values and inclusive environment.</b></p> <p><b>During admission, students are called for single window counselling, in accordance with the rank list prepared by the college for the admission process, adhering to the reservation policy of the Govt. of Tamilnadu enabling students, from various regional and ethnicity join the institution.</b></p> <p><b>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 since 80% of the students are from economically weaker sections of the society. College also provides fee waiver to all differently abled students.</b></p>											

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, socio-economic, 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 present the culture of the region. Such events create an understanding of our rich cultural diversity and promote tolerance and harmony. Cultural events are organized on different occasions like Independence day, Pulari (Annual Cultural day), Republic Day, Women's day etc. The national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Ghandhiji, Mahakavi Bharathiyar, U.Ve.Sa. among many others are observed with great fervour. NSS and NCC Units of our college participate in various programmes related to social issues organized by other colleges.

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. Example of one such visit is a trip organized by Tamil Department to Samanar hills Located in Keelakuyilkudi village which is around 12 km away from Madurai, a beautiful blend of nature with history which is declared as a protected monument by the Archaeological Survey of India portraying our culture.

In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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, as a value oriented educational institution sees the need for inculcating values of its students. The Student Induction Programme (Deeksharambh) is organized under the aegis of UGC quality mandate with the following objectives

- Creating a feeling of oneness with the institution on the inductees.
- Mentoring the inductees on Universal Human Values.
- Bringing out the creativity of inductees.
- Making the inductees understand their duties and responsibilities to their classmates, the institution, the society and the country at large.
- Supporting the inductees to make themselves realize the importance of team work and empathy.

As part of the Student Induction Programme, Mentoring on Universal Human Values by the mentors everyday on the six themes (as per the Deeksharambh handbook) is undertaken.

All Undergraduate students take two courses (a) Value education and Professional ethics and (b) Environmental and Gender studies as part of the curriculum.

All students mandatorily take up community work in the society as part of their Part - V curriculum which inculcates empathy and societal values to the students. The college has adopted five villages under the Unnat Bharat Abhyan scheme of the Ministry of Education, Government of India as part of the campus to society initiative of the college. A Model Election was conducted at Vadivelkarai, one of the adopted villages under the Unnat Bharat Abhyan 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 which help the students to develop into dutiful and responsible citizens of the Republic of India.

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

<p><b>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</b></p>	<p><b>A. All of the above</b></p>
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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	<b>No File Uploaded</b>

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.

**NATIONAL SCIENCE DAY:** It is celebrated by all science departments by organizing a seminar/conducting competition for students depicting the inventions & discoveries by various scientists

**INTERNATIONAL WOMEN'S DAY:** It is celebrated by the Madura college every year immensely inspite of being a co-educational institution. Women excelled in different fields are invited as guest speakers and also various cultural programmes and competitions are conducted throughout the day.

**NATIONAL HANDLOOM DAY:** This day is celebrated which commemorates Swadeshi Movement, one of the several movements in India's freedom struggle that took place in 1905. In order to support the weaver,

stalls are put up and staff and students procure to pay handloom sarees, towels, bedsheets etc.

**POOJA (NAVATHRI FESTIVAL):** All departments, library and office celebrate pooja festival (Saraswathi & Ayutha pooja) as a part of Navarathri celebrations, which is based on the concept of worshipping Goddess of knowledge, art and culture.

**WORLD MOTHER TONGUE DAY:**

Our college celebrates World Mother Tongue Day every year to inculcate the importance and to celebrate the rich culture and traditions of our land as brought out in the literature. Tamil, one of the oldest classical languages, having continuous spoken tradition of over 2000 years is celebrated on the day. Lectures are organized to emphasis the importance of learning in one's own mother tongue.

**U.VE.SA'S BIRTHDAY CELEBRATIONS:**

U.Ve. Swaminatha Iyer, fondly known as U.Ve.Sa. is celebrated as Tamil Thatha, meaning the Grand old man of Tamil language, is credited with bringing many forgotten works of classical Tamil language to light. Many palm leaf inscriptions of classical Tamil works were brought to print by U.Ve.Sa. The college takes pride in remembering the contribution of U.Ve.Sa by celebrating his birthday with fervour.

**REPUBLIC DAY CELEBRATIONS:**

The constitution of the Republic of India came into effect on 26th January 1950. As a mark of respect to the drafting committee and the constitution of India, the republic day is celebrated in the college. Flag hoisting is followed by a parade by NCC cadets as a part of Republic day celebrations of the College.

**INDEPENDENCE DAY CELEBRATIONS:**

India became independent on 15th August 1947. Independence day is celebrated every year to remember the freedom fighters who fought for our independence. Flag hoisting is followed by a parade by NCC cadets as a part of Independence day celebrations of the College.

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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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:

Content and language integrated learning (CLIL) in Part - II English language learning

#### OBJECTIVES OF THE PRACTICE:

- To develop the students' language skill in the language of instruction (English) for non-native speakers.
- To bridge students from medium of instruction other than English in their school education.
- To develop the intercultural understanding and also to improve social and interpersonal skills.
- To inculcate soft skills training as part of the curriculum.

#### THE CONTEXT:

The Madura College admits students from rural background, a majority of those who have completed their school education with Tamil as their medium of instruction. Since language learning is a long term process, bridging this divide with short term bridge courses was found to be not successful. Hence language learning in the context of usage by students would be beneficial to the students. It is with this motive that CLIL curriculum was included as Part - II English course from the academic year 2020-21.

#### THE PRACTICE:

A model curriculum based on CLIL was designed by Tamilnadu State

Council for Higher Education in association with British council. The college decided to adopt the same model curriculum and text book for use in Part - II English. The course curriculum was clearly stated and adopted with Outcome Based Education framework.

**EVIDENCE OF SUCCESS:**

The entire European Union has adopted CLIL with success. The syllabus prepared by TAMILNADU STATE COUNCIL FOR HIGHER EDUCATION (TNSCHE) in association with British council is expected to yield similar results here also. Two semester of the course has been completed so far. Success would be validated in the years to come. Initial appraisal from teachers indicate high levels of motivation among students from varying academic backgrounds.

Students take active interest in solving the activities designed for the context.

**PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

The dual-focus on content and language is challenging and hard to achieve.

**NOTES (OPTIONAL):**

CLIL inspire students to develop skills, including the ability to think critically, be creative, to communicate and collaborate. Besides, it has the advantage that multiple subjects can be taught in English, so that student's exposure to the language is greater than before and this implies their language attainment is faster. Also, being content focused, CLIL classes add an extra element to the class and engage students, which is mainly appreciated in situations where students are unenthusiastic about learning a language.

**BEST PRACTICE - II**

**TITLE OF THE PRACTICE:** Introduction of Outcome Based Educational framework.

**OBJECTIVES OF THE PRACTICE:**

- To quantify the expected outcomes from students in terms of their ability and level of attainment using Revised Bloom's taxonomy.
- To measure the attainments of the students against the

expected outcomes quantitatively.

- To evaluate the attainment of the class against the outcomes envisioned during the design of the curriculum.

#### THE CONTEXT:

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 PRACTICE:

- 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.

#### EVIDENCE OF SUCCESS:

The college has introduced Outcome Based Education for all UG programmes from 2020 and PG programmes from 2021. 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.

**PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

Outcome Based Education is a paradigm shift in education. Hence, all stakeholders are coming to terms with the change. Lack of quality software in this space for calculation of attainments is a challenge since the data crunch involved is mind boggling.

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	<a href="https://drive.google.com/file/d/1UMaCbsw1s_jofUlKnwK55XFtf2a9INqo-/view?usp=sharing">https://drive.google.com/file/d/1UMaCbsw1s_jofUlKnwK55XFtf2a9INqo-/view?usp=sharing</a>

**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)

Forest cover is being reduced at an alarming rate. Century old trees are being brought down in few hours. This loss is irreversible. In countries like India that are highly vulnerable to climate breakdown, forests are an integral element towards mitigation. Tree cover of almost 1.6 million hectares was lost between 2001 and 2018 in India - nearly four times the geographical area of Goa, according to a study released by the World Resources Institute. But there is a solution to bring back the lost green cover quickly. Miyawaki is a technique pioneered by the Japanese botanist Akira Miyawaki for urban afforestation. Under this technique various native species of plants are planted close to each other, which ensures their growth upwards is rapid by receiving sunlight from the top. The approach is supposed to ensure that plant growth is 10 times faster and the resulting plantation is 30 times denser than usual.

The Management of The Madura College jointly with Rotary Club (West) have planted 5500 samples of 110 varieties. The Rotary Club (West) trust contributed 3.5 lakh for this forest and supported the institution for the soil test, regulating the land, procuring the samples and planting it. The forest will be spread out on an area of one acre adjacent to TVS Block and act as green-lung for the region. It will help in promoting the local biodiversity to sustain by planting native species of flora which would also harbor the native fauna. Miyawaki forest is answer to cities which

are turning to concrete jungles. Small patch of forests in multiple locations within the city will act as carbon sink for the city.

Student engagement is also an important aspect of this project as workshops will be conducted to train them on soil amendment and the Miyawaki method of plantation. The maintenance and monitoring of the forest will also be done by the students and college staff.

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

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

- To finalize the course design for implementation of inter-disciplinary / multi-disciplinary courses in all programmes.
- To identify peer institutions for cluster formation for sharing of expertise and infrastructure.
- To moot collaboration among such cluster institutions for student exchange and faculty exchange.
- To offer Life skills / entrepreneurship development courses in blended mode for the benefit of all UG students.
- To offer elective courses across cluster institutions (to be formed) for students to opt electives from across institutions.
- To formalize an institutional plan towards implementation of National Education Policy - 2020
- To organize faculty development programmes on recent themes in pedagogy / stress management / student counselling for the benefit of teachers.
- To organize professional development programmes for the benefit of non-teaching staff.
- To organize research methodology workshop for the benefit of research scholars.
- To organize seminars on current themes at department level.
- To organize guest lecture programmes on themes related to career orientation / motivation at department level.
- To subscribe for DELNET and NDLI club through Harvey Library.
- To create outdoor Wi-Fi zones (with firewall and content

filtering) for students.

- To provide all departments with fiber broadband facility.
- To install solar power plant to the tune of 25% of the total power consumption.
- To install sewage treatment plant for recycling waste.
- To encourage departments / Cells to sign MoUs with organizations towards Academics and Student Support activities.
- To create awareness among students about MOOC courses and to organize Registration Drives. Also, to encourage students to opt for credit transfer.
- 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.
- To automate attainment calculation for OBE based on "Manual of outcome attainment".