



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Mar Athanasius College,  
Kothamangalam

- Name of the Head of the institution **Dr. Manju Kurian**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **04852822512**
- Alternate phone No. **9447212512**
- Mobile No. (Principal) **9447816609**
- Registered e-mail ID (Principal) **principal@macollege.in,  
mac@macollege.in**
- Address **Mar Athanasius College  
(Autonomous), M.A. College P.O,  
Kothamangalam, Ernakulam  
district, Kerala 686666**
- City/Town **Kothamangalam**
- State/UT **Kerala**
- Pin Code **686666**

##### 2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **09/03/2016**
- Type of Institution **Co-education**

- Location **Rural**
- Financial Status **UGC 2f and 12(B)**
- Name of the IQAC Co-ordinator/Director **Dr. Binu Varghese**
- Phone No. **09495997447**
- Mobile No: **iqac@macollege.in**
- IQAC e-mail ID **iqac@macollege.in**

**3.Website address (Web link of the AQAR (Previous Academic Year)**

[https://www.macollege.ac.in/UserFiles/MACollege/file/iqac/AQAR\\_2021-22.pdf](https://www.macollege.ac.in/UserFiles/MACollege/file/iqac/AQAR_2021-22.pdf)

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

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.macollege.ac.in/UserFiles/MACollege/file/Academic%20calendar%2022-23%20.pdf>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>85</b>	<b>2002</b>	<b>01/10/2002</b>	<b>31/12/2009</b>
<b>Cycle 2</b>	<b>A+</b>	<b>3.22</b>	<b>2010</b>	<b>28/03/2010</b>	<b>27/03/2015</b>
<b>Cycle 3</b>	<b>A+</b>	<b>3.52</b>	<b>2017</b>	<b>22/02/2017</b>	<b>21/02/2024</b>

**6.Date of Establishment of IQAC**

**03/07/2006**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>Institution- Mar Athanasius</b>	<b>Autonomy</b>	<b>UGC</b>	<b>09/03/2016</b>	<b>20 lakhs per year</b>

College				
Institution- Mar Athanasius College	RUSA	MHRD	14/02/2019	5 Crores
Institution- Mar Athanasius College	College with Potential for Excellence (Second Phase)	UGC	07/02/2014	1.5 Crore
Institution- Mar Athanasius College	College with Potential for Excellence (First Phase)	UGC	15/10/2010	1 Crore
Institution- Mar Athanasius College	UNNAT BHARAT ABHIYAN SCHEME	MHRD	03/06/2019	50,000/-
Institution- Mar Athanasius College	PARAMARSH	UGC	03/06/2019	30 lakhs
Institution- Mar Athanasius College	Khelo India Programme	Ministry of Youth Affairs and Sports through Sports Authority of India	04/06/2018	18 lakhs
Institution- Mar Athanasius College	DBT-STAR COLLEGE SCHEME	DBT	22/03/2019	82 lakhs

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

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

**9.No. of IQAC meetings held during the year**      **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?      **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report      [View File](#)

**10.Did IQAC receive funding from any funding agency to support its activities during the year?**      **Yes**

- If yes, mention the amount      **30000**

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

1. Maintaining State- of -Art Infrastructure and Infrastructure Augmentation: Through strategic investments in infrastructure, the college has not only expanded its physical footprint but also elevated the quality of facilities across various domains. The Internal Quality Assurance Cell (IQAC) plays a pivotal role in ensuring that our institution continues to meet and exceed the standards of educational excellence. 2. Digital Literacy and Technology Upgradation: Our commitment to inclusive education is underscored by significant advancements in providing facilities for Divyangjan. Elevators, wheelchairs, ramps, the Kibo X S Device, and the JAWS screen reader are integral investments, ensuring every student can fully engage in learning.

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

Plan of Action	Achievements/Outcomes
<p><b>A. CO-CURRICULAR PROGRAMMES ALL DEPARTMENTS SUBMITTED PROPOSALS FOR CONDUCTING SEMINARS/WEBINARS/WORKSHOPS</b></p>	<p>1. Workshop on Resume Preparation on 15-12-2022 and 16-12-2022 by Mr. Alex Mathew, Regional Manager and Chief Trainer, T-Horizon. 2. Class on the Importance of Aptitude Test by Mr. Mohanan Valiathan, Director, (Academics) IBS and the former Assistant Manager at State Bank of India on 26 July 2022. 3. Class on Personal Branding by Mr. Bimal Nair, Technology enabled marketing expert on 19 July 2022</p>
<p><b>B. LANGUAGE AND COMMUNICATION SKILLS</b></p>	<p>1. Bhasha Varacharanam (Celebration of Language Week) from November 2-10, 2022</p>
<p><b>C. OUTREACH PROGRAMMES TO COMMEMORATE INTERNATIONAL DAYS OF SOCIAL IMPORTANCE</b></p>	<p>1. WORLD ENVIRONMENT DAY CELEBRATION-June 1-5, 2022- to get AN AWARENESS ABOUT THE NECESSITY OF NURTURING AND CARING OUR NATURE 2. NATIONAL WEBINAR ON YOGA: A MULTI DISCIPLINARY APPROACH IN CONNECTION WITH INTERNATIONAL DAY OF YOGA 2022-FOSTERS A GREATER UNDERSTANDING OF THE DIVERSE ADVANTAGES THAT YOGA OFFERS, MOTIVATING PARTICIPANTS TO ADOPT YOGA AS A MEANS TO IMPROVE THEIR PHYSICAL, MENTAL, AND EMOTIONAL WELL-BEING, BOTH IN THEIR PERSONAL LIVES AND WITHIN THEIR PROFESSIONAL ENDEAVORS</p>
<p><b>D. OUTREACH PROGRAMMES TO GET ENVIRONMENTAL AND SOCIAL CONSCIOUSNESS</b></p>	<p>1. Astronomy Club Inauguration (Sky Watch) by Dr. N. Shaji Adjunct Faculty of Department of Physics, CUSAT on 22 February 2023.</p>
<p><b>E. ORIENTATION PROGRAMMES FOR</b></p>	<p>1. Faculty enrichment programme</p>

FACULTY AND STUDENTS	on 'implementation of NEP in Higher Educational Institutions' on 25 May 2023 by Padma Bhushan Prof. Dr. B.N. Suresh, Chancellor, IIST, Thiruvananthapuram. 2. IQAC organizes 2 Day interactive session on 'NAAC accreditation procedures and SSR preparation' by Dr. K. M. Johnson, Principal, Bharata Mata College, Thrikkakara on 11 and 12 April 2023.
F. SKILL DEVELOPMENT INITIATIVES	Life skills 1. How to Plan for Startups: Legal and Ethical Steps by Mr. Jeswin Pallisery, CEO of Sportas Organic on 12 April 2023. 2. CPR training programme by Federal Bank Hormis Memorial Foundation on March 7 2023.

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
<b>Academic Council</b>	<b>20/10/2023</b>

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

- Year

**Part A****Data of the Institution**

<b>1.Name of the Institution</b>	Mar Athanasius College, Kothamangalam
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• Designation	Principal
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<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
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<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>No</b>	
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<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<b>30000</b>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
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<b>13. Was the AQAR placed before the statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
Academic Council	20/10/2023
<b>14. Was the institutional data submitted to AISHE ?</b>	Yes
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
2022-2023	19/03/2024
<b>15. Multidisciplinary / interdisciplinary</b>	
The college regularly updates its syllabi and curriculum by	

seeking input from industry members to maintain a strong focus on interdisciplinary and multidisciplinary aspects. The IQAC (Internal Quality Assurance Cell) plays a pivotal role in promoting research publications of both students and faculty, ensuring the dissemination of multidisciplinary and interdisciplinary knowledge. Moreover, the IQAC actively encourages departments and clubs to enhance students' learning experience through various interdisciplinary activities. Collaborative workshops, seminars, and competitions are frequently organized by departments or clubs, fostering a culture of cooperation. An international Conference on ' Science and Technology of Advanced Materials (STAM 23) is organized under the auspices of science departments on April 18-20, 2023. The conference serves as a platform to enhance the research aptitude as well as the scientific temper of the students, the faculty of the college, and the delegates. Around 20 faculty and 30 students of the college have presented their research works in the conference. The Nature Club takes an active role in nurturing love and care for the environment among students, and the Science Forum of our college fosters a sense of scientific enthusiasm. We offer open courses in various disciplines for all undergraduate programs, highlighting the interdisciplinary nature of our teaching-learning system.

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

The college has registered with the National Academic Depository and Digilocker. The college has created a Digi locker ID and ABC ID for the 2021 admission Undergraduate and 2022 admission Postgraduate students, thereby initiating the Academic Bank of Credits.

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

The College has realized the importance of skill development and has introduced a number of courses that impart skill development among students. Capacity development and skill enhancement activities focussed on soft skills, language and communication skills, life skills (yoga, physical fitness, health, and hygiene), and awareness of recent trends in technology are being regularly organized. The institution conducted 42 value-added and nine certificate courses. In addition, the institution regularly organizes various programs to inculcate ethical, constitutional, and universal human values of truth, righteous conduct, peace, love, nonviolence, and citizenship.

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

The appropriate integration of the Indian knowledge system into our college was achieved through approaches encompassing teaching in Indian languages and incorporating Indian culture. To promote effective integration, we employ Multilingual Education: Our undergraduate curriculum offers Hindi and Malayalam as additional languages. Providing study materials, lectures, and assessments in regional languages like Malayalam enhances comprehension and engagement. Curriculum Design: Developed a curriculum that reflects India's rich cultural heritage, history, and contributions to various fields. We have offered an open course in Hindi 'Communicative Hindi', and another one in History, 'Environmental History in Indian Context', and the students to gain a comprehensive understanding of India's intellectual legacy. Cultural Events and Activities: Organize cultural events, festivals, and activities celebrating Indian heritage. The ethnic show competition, 'Palama' organized by IQAC in collaboration with the Malayalam department on 01/11/2022, enriches and intellectually stimulates faculty and students and contributes to their personal growth, literary knowledge, and appreciation for the rich literary heritage of the language and culture. The college organized various activities such as ayurvedic medical camps, training on Oushadha kanji preparation, awareness seminars, and ethnic day celebrations. It also maintained a scientifically managed herbal garden to preserve and promote the ancient Indian traditional knowledge and culture. The College organized a seminar on Vedic Mathematics to raise awareness about our traditional mathematical knowledge system and its contributions to students of the present generation.

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

The College shifted to an Outcome-Based Education (OBE) system during the academic year 2020 by incorporating Program Outcome (POs), Program Specific Outcome (PSOs), and Course Outcomes (COs) in the syllabi. A question bank software, QnSmarti, with CO mapping provisions, was purchased and implemented by the Examination Cell of the College. The software has provisions for generating OBE-based question papers. The College is planning to implement an OBE-based examination from 2024-2025 admissions under the FYUGP envisioned in NEP 2020.

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

1. The college has institutionalized all the core services of 'G Suite for Education,' particularly Google Classroom. All the teaching staff and students were given a domain email address. Students receive additional notes, reference materials,

assignments, and recorded classes through Google Classrooms. 3. All the statutory/nonstatutory meetings of the college were conducted in hybrid mode to ensure the smooth conduct of the program. 4. The college launched an official YouTube channel, 'MAC Insight, for live streaming various events hosted by the college and making recorded lectures available to students. 5. The college facilitated teachers and students to register for online certificate courses offered by 'NPTEL' the local Chapter of the college and encouraged them to take the examination. 7. The college also facilitated teachers and students to register for online certificate courses in diverse disciplines offered by 'Coursera'. The College has been promoting online education since the Covid-19 pandemic, and 86 students have completed certificate programs in various online platforms since 2018. During this period, the faculty attended 5 FDP programs online. The college also organized faculty development programs on the Moodle platform and is working on developing a customized institutional Moodle to enable distance learning in the near future.

## Extended Profile

### 1.Programme

1.1 33

Number of programmes offered during the year:

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

### 2.Student

2.1 2083

Total number of students during the year:

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

2.2 714

Number of outgoing / final year students during the year:

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

2.3

643

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

830

Number of courses in all programmes during the year:

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

3.2

125

Number of full-time teachers during the year:



<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>33</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>2083</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>714</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>643</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>830</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	125
Number of full-time teachers during the year:	

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

3.3	125
Number of sanctioned posts for the year:	

#### 4. Institution

4.1	257
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	77
Total number of Classrooms and Seminar halls	

4.3	201
Total number of computers on campus for academic purposes	

4.4	1132.45
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.

Mar Athanasius College (Autonomous), Kothamangalam ensures that all its courses are designed to meet the developmental needs at regional, local, national, and global levels. Each department has meticulously prepared Programme Specific and Course Outcomes, aligning them with the relevant objectives. Additionally, every course offered in the programs comes with its own set of course objectives that clearly outline the

specific aims of the course.

To address global perspectives on environmental issues, the college has introduced a common course called "Environmental Studies and Human Rights" in the 5th semester of the Undergraduate (UG) program. This course covers environmental concerns and delves into constitutional rights reserved for citizens, providing a nationalistic viewpoint on rights and duties. Furthermore, each UG program offers four courses on Malayalam as a second language, aiding students in understanding local and regional cultures, literary movements, and linguistic nuances.

The core courses specific to each UG and Postgraduate (PG) program enable students to grasp the global and national developmental needs within their respective disciplines. For PG programs, the focus of the program outcomes is on achieving academic mastery in the discipline, its practical application, acquisition of teaching skills, and more.

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

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	No File Uploaded
Any additional information	No File Uploaded

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

734

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

0

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	No File Uploaded

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

33

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 College adopts a comprehensive approach to addressing

crucial issues such as professional ethics, gender, human values, environment, and sustainability. This is achieved through both curricular and extracurricular activities, aiming to cultivate socially conscious individuals who appreciate their environment and uphold ethical and cultural sensitivities. In the current syllabus, there are 199 courses centered on professional ethics, 96 courses addressing environmental sustainability, 110 courses promoting human values, and 55 courses emphasizing gender issues. Particularly, 184 courses exclusively focus on professional ethics, 41 courses solely target environmental sustainability, 29 courses concentrate only on enhancing human values, and 4 courses specifically address gender-related topics.

The college curriculum aligns with the opportunities presented by the National Educational Policy and its Sustainable Development Goals. It encompasses 192 courses geared towards fostering local employment and another set of 192 courses designed to cultivate critical life skills such as financial literacy, digital literacy, and healthcare awareness. Additionally, 48 courses delve into constitutional values of justice, covering aspects like the rule of law, human rights, and the functioning of democracy. Furthermore, 33 courses specifically address the needs of socio-economically disadvantaged groups, while 76 courses emphasize multidisciplinary and holistic education. Lastly, 38 courses focus on promoting Indian languages.

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

34

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

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

1070

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

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

774

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4 - Feedback System**

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.macollege.ac.in/IQAC/Feedback">https://www.macollege.ac.in/IQAC/Feedback</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	No File Uploaded

<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://naac.macollege.ac.in/folder-file/115/1.4.1_DVV.pdf">https://naac.macollege.ac.in/folder-file/115/1.4.1_DVV.pdf</a>
Any additional information	No File Uploaded

## 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

2083

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)

612

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.

#### Assessing the learning levels of students

The students' socio-economic backgrounds and the marks they obtained in qualifying examinations are analyzed.

Entry-level tests are conducted for the newly admitted students to understand their learning levels.

Special programs to cater to differential learning needs Slow learners

The college has conducted a Scholar Support Program (SSP) of the Higher Education Department of Kerala to bridge the knowledge gap among students.

Remedial coaching classes are given to socially and academically backward students. Communication and life skill development programs are conducted in the College to enhance the ability of the students.

A book bank facility is provided in the College library. Individual attention and personal mentoring are given to slow learners.

Advanced Learners

Advanced learners are identified, and ample opportunities are made available to interact with scholar-teachers under the Walk with Scholar Program (WWS) with the support of the Kerala State Higher Education Departments.

Advanced learners are given challenging assignments than the rest. Students select a topic of current relevance from their curriculum and prepare assignments using modern learning tools.

Encouraged to take classes for the rest of the students under teacher's supervision: Teaching ability is identified, and those who exhibit teaching skills are advised to go for the teaching profession.

Catering for students with special needs

The College offers JAWS software, an assistive technology in the library for visually impaired students.

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
01/11/2022	2083	125

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 Centric methods**

A student-centered approach is followed as a method of teaching-learning. The students get enough opportunity to interact among themselves and with the teachers to enhance the learning processes. The College is conducting several co-curricular and extra-curricular activities to acquire life skills as envisioned in its vision and mission.

The following activities have been undertaken to enhance life skills effectively.

**Interaction with eminent scholars:** The college actively encouraged the students to interact with the scholars and get clarified with the relevant topics during the webinar/seminar/lecture series conducted during the last five years.

**Quiz Competitions:** Quiz competitions enable the students to be continuous learners in the subjects. It enhances knowledge acquisition and develops healthy competition among students in disseminating knowledge. It also helps the students to update their knowledge of the subject. Every year, the college's quiz club conducts a screening test to select eligible candidates for attending the inter-collegiate quiz competitions.

**Debates and Group Discussions:** Debates and group discussions are conducted on topics of current relevance. **Seminars, Symposia, Workshops, and Exhibitions:** National/ State level seminars/workshops are conducted by all Departments annually.

**Industrial Visit:** The Entrepreneurial Development Club of the College undertakes an industrial visit every year as part of their curriculum to develop the students' entrepreneurial skills. It is highly beneficial to the students to know the latest developments in the field of entrepreneurship.

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**

#### ICT-enabled teaching and learning

The College customized the G Suit facility and motivated all the faculty and students to make use of it. All the teaching faculty and students are given unique email IDs. 16 classrooms are equipped with interactive panels, 10 with smart boards, and 36 classrooms with DLP projectors. Training sessions are given to teachers to develop audio and video content. The College provides a dedicated YouTube platform.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://naac.macollege.ac.in/folder-file/44/ICT_ENABLED_TEACHING_AND_LEARNING.pdf">https://naac.macollege.ac.in/folder-file/44/ICT_ENABLED_TEACHING_AND_LEARNING.pdf</a>
Upload any additional information	No File Uploaded

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

**2.3.3.1 - Number of mentors**

125

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

The college strictly adheres to the academic calendar in conducting in-semester examinations, continuous evaluation, publishing results, redressing grievances, and timely submission of the internal marks in the college web portal. The college also takes the initiative to conduct the end-semester examination in strict compliance with the academic calendar.

An academic calendar is prepared by the academic committee six months before the beginning of the academic year and gets approved by the Academic Council. The calendar provides the total available working days in the semester for all curricular and co-curricular activities. All teachers prepare a course teaching plan before the commencement of semester classes.

The teaching plan contains course objectives, module wise course outcomes, knowledge level, the method of content delivery and number of hours allotted for the completion of the topic. A student representative maintains a class log register, and he/she enters the details of each and every class engaged by the teachers and gets it signed by the concerned teacher. The same will be discussed in the class committee and course committee to review the timely and effective completion of the syllabi.

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

125

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	No File Uploaded

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

56

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)

1055.4

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

31.8

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

62

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

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

Mar Athanasios College (Autonomous) has a separate technical wing and specially recruited skilled staff for software development and maintenance. It employs the indigenously developed 'Examination Management Software' (EMS) for its academic evaluation system. The technical team constantly upgrades the system for improved security, efficiency, accuracy, and user-friendliness. This system enables

- IT- integration in evaluation. This includes question paper generation from a specially designed software-regulated question bank, mark entry, generating e-hall tickets, using barcodes in answer sheets, and online publication of results.
- Automation. This enables online submission of applications and online payment of fees for various programmes.
- System-based application processing
- Automated admission process
- Online entry of marks for continuous internal assessment
- Online registration for semester examinations
- Online issue of hall-tickets

- Introduction of pseudo-coding system on answer scripts in the place of register numbers
- Notional registration
- Online submission of applications for improvement-examinations, supplementary-examinations, revaluations and challenge valuations
- Online payment of examination fees and course fees
- Printing of all semester mark cards
- Online submission of applications for claiming grace marks
- Automated award of grace marks
- Automated generation of various certificates for students like backlog certificates, transcripts, and provisional certificates

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

### Communication of Programme Outcomes and Course Outcomes:

All stakeholders of the College are informed of the Programme Outcomes and Program Specific Outcomes of all UG and PG programs via various channels. This will make it easier for parents, instructors, and students to understand their respective roles and duties in order to achieve the same. Parents, employers, prospective students, and other well-wishers of our college can be aware of the influence of our college in shaping the next generation.

### Steps taken to communicate POs and PSOs:

- POs and PSOs are displayed in the main corridors and entrances of our College.
- POs are displayed in common areas, including seminar halls.
- Annual Quality Assurance Report of the College and Auditoriums.

- The concept of POs and PSOs is explained during induction programs of new batches.
- At the beginning of every course, a faculty member explainsthe COs of that particular course.
- COs are written in the faculty's course diary to remind them of the expected outcomes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

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

- **Classroom Discussions and Activities:** Encourage faculty to have classroom discussions and activities that explicitly link the topics covered to the Course Outcomes. This reinforces the connection between learning objectives and course content.
- **Student Portfolios:** Implement student portfolios where students can showcase their work and achievements related to specific Course Outcomes. This provides a holistic view of their progress.
- **Faculty Development Programs:** Motivate faculty members to attend faculty development programs to train instructors on effectively communicating and integrating Program Outcomes and Course Outcomes into their teaching methods.
- **Feedback Mechanism:** The college has a feedback mechanism that allows students to provide their input on the learning process and the attainment of outcomes through surveys and student IQAC group discussions.
- **Experiential Learning Opportunities:** The college offers experiential learning opportunities, such as internshipprojects or fieldwork, that align with specific Course Outcomes. This helps students to apply their knowledge in real-world contexts.
- **Parent-Teacher Meetings:** The college organizes regular parent-teacher meetings to discuss students' progress toward the Program Outcomes and Course Outcomes. This fosters a collaborative approach in supporting students' learning journey.

- **Peer Mentoring:** The college implemented a peer mentoring program where senior students can mentor and guide juniors on achieving Course Outcomes and adapting to college life.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://macollege.in/UserFiles/2_6_2_AdditionalInformation_Evaluation_compressed.pdf">http://macollege.in/UserFiles/2_6_2_AdditionalInformation_Evaluation_compressed.pdf</a>

### 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

566

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://naac.macollege.ac.in/2023/item/408?items///262-pass-percentage-of-students-excluding-backlog-students-data-for-the-latest-completed-academic-year">https://naac.macollege.ac.in/2023/item/408?items///262-pass-percentage-of-students-excluding-backlog-students-data-for-the-latest-completed-academic-year</a>

### 2.7 - Student Satisfaction Survey

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

[http://macollege.in/UserFiles/Student%20Satisfaction%20Survey%20\(SSS\)%202022-2023\\_Report.pdf](http://macollege.in/UserFiles/Student%20Satisfaction%20Survey%20(SSS)%202022-2023_Report.pdf)

## 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 research policy of the college is uploaded on the institutional website which serve as an overall framework within which research activities are carried out in the college. Research committee, Research advisory committee and Research ethics committee are functioning to make sure the research activities are carried out as per the research policy. The research facilities of the college were updated and maintenance of the sophisticated instruments was done as required.

#### Research Committee

The Research Advisory Committee and Research Ethics Committee evaluate and scrutinize the innovation, novelty, relevance, and ethical constraints of the proposals submitted by the faculty and students. The Research Committee of the College consists of members of the faculty from the Arts, Humanities, and Science departments, with the Principal as the Chairperson. The Committee evaluates the proposals prepared by the staff members, and if found eligible, they are forwarded to the concerned funding agency for consideration. In addition to the Research Committee, there are subject Research Committees in the five Research Centers. Each Committee includes the Principal as the Chairperson, one external subject expert, the Head of the Department, and Research Guides.

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://macollege.ac.in/UserFiles/MACollege/file/Policies/New/research%20policy.pdf">https://macollege.ac.in/UserFiles/MACollege/file/Policies/New/research%20policy.pdf</a>
Any additional information	No File Uploaded

### 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)

3

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)

23.77

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	Nil
List of research projects during the year	<a href="#">View File</a>

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

14

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://serb.gov.in/">https://serb.gov.in/</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.

The College strives to foster an innovative culture, preserve the Indian traditional Knowledge System, and abide by Intellectual Property Rights. The College established an Institutions' Innovation Council (IIC) and Entrepreneurship Development Club (EDC) to instill an entrepreneurial mindset

among the students. EDC is registered with the District Industries Centre, Ernakulam, Government of Kerala, and IIC is registered with the Ministry of Education's Innovation Cell, Government of India. EDC provides a dynamic platform for aspiring entrepreneurs to explore and develop innovative ideas.

Through initiatives such as 1) Yoga training to gain insight into ancient Indian techniques for well-being and stress management, 2) a medicinal plant garden that is properly labeled and tagged to educate students about the rich biodiversity of indigenous plants and their therapeutic properties, promoting environmental stewardship and sustainable living, and safe agricultural procedure training, the college endeavours to instill a deep appreciation for traditional knowledge and practices among its students 3) traditional Bamboo crafts a hands-on training was given to foster a deeper appreciation for indigenous crafts but also promotes environmental consciousness and entrepreneurship among the student community. 4) ' Nakshatra vana' ( tress associated with the Birth star ) was nurtured on campus to make people aware of Indian traditional astrology. 27 species of plants with proper labeling maintained in the campus.5) M.P Varghese Tree Park consists of endangered and endemic species of trees to be conserved.

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

3

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

B. Any 3 of the above

**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**

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**

2

File Description	Documents
URL to the research page on HEI website	<a href="https://macollege.ac.in/Research/Research-@-MAC">https://macollege.ac.in/Research/Research-@-MAC</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**

23

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

13

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

### 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

62

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

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

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

5

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)****0.2**

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

**3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year****1.62 Lakhs**

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

**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

**Pain and palliative care activities**

The students of NSS, NCC, and other clubs and forums extended socially responsible activities to inculcate human and moral values: 1. Allopathy and Ayurveda medical camps, 2. Construction of houses, 3. Fundraising for heart patients, 4. Palliative care

training, 5. Cleaning of Government Primary Health Centers, Government Ayurvedic Hospital, and Government Taluk Hospital, 6. Clothes distribution drive to palliative care unit, 7. Food kit distribution during Onam and Christmas celebrations, 8. Hair donation camp, 9. Renovation of the primary health center, 10. Conducted a visit to a rehabilitation center, and 11. Collection and distribution of food to the destitute.

#### Public School cleaning drives

The NSS and NCC students are involved in civic partnership in society by undertaking the renovation of the following public places. 1. Government Town UP School, Kothamangalam, 2. Government UP School, Palamattom, 3. St. Joseph High School Velielchal, 4. Government Tribal UP School, Idamalayar, 5. Government HS Poika, 6. Government LP School, Kottapady, 7. LP School, Thrikkariyoor, 8. Government UP School, Asamanoor, 9. MSM UP School, Mulavoor, 10. Anganavadi at Nellikuzhy, 11. St. Thomas L P School, Nadukani, 12. Government LP School, Thrikkariyoor, 13. MS LP School, Oonjappara, 14. GMHSS, Cheruvattor, 15. Athanickal UP School, Muthamkuzhy, and 16. Government Tribal School, Pinavoorkkudy.

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

#### 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

1

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

#### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated



**programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

**23**

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**

**1320**

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**

**24**

File Description	Documents
Copies of documents highlighting collaboration	<b>No File Uploaded</b>
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)**

**24**

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	No File Uploaded

## 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.

#### 1. Teaching Learning Infrastructure Classrooms

42 Undergraduate and 35 Postgraduate classrooms are sufficiently spacious and ventilated. Well-equipped with necessary amenities like electric lights, fan, speaker, white/ blackboards, chairs, desks, benches, etc. All Postgraduate classrooms are fully furnished. All final-year Undergraduate and Postgraduate classrooms have broadband connectivity. All language departments are provided with portable speakers as teaching aids.

#### Laboratories

The college has 22 science labs. All are full-fledged labs in tune with the new curriculum's modern specifications and requirements. They have the necessary instruments, proper lighting facilities, and washing points. Each lab is furnished with ceramic floor tiles and granite table tops and is fitted with exhaust fans, fume cupboards, first aid boxes, and fire extinguishers. In addition, there are five research laboratories to carry out research. The college also has seven computer labs.

#### 2. ICT - Enabled Facilities

18 interactive panels and 10 smartboards

36 DLP/LCD projectors were installed in the classrooms

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.)

#### Facilities for Cultural and sports activities

One air-conditioned seminar hall (M.P. Varghese Library Seminar Hall) has a 107-seat capacity and state-of-the-art facilities. One seminar hall (Room No. 327) with 40 seating capacity and ICT facilities. A Non-resident Students' Centre (air-conditioned) has a seating capacity of 200. A multi-purpose stadium cum auditorium (Baselios Paulose Indoor Stadium) having an area of 10,000 sq. ft. with a capacity to accommodate more than a thousand students. 4. LMS-Google Classroom The college has customised the G Suite for learning management since 2019.

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

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

77

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)

378.44

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)

#### OPAC:

Six Online Public Access Catalogues (OPAC) terminals are available for staff and students for catalogue search. Title, Author and Keyword searches are possible in this software. Library users can reserve, renew and recommend the books using this facility. Electronic Resource Management Package for e-journals: In addition to the print journals, the library subscribes to the electronic resources under the N-LIST (National Library and Information Services Infrastructure for Scholarly Content) programme of the UGC.

#### INFONET.

By utilising this facility, we can access more than 3000 full-text journals and 97000 electronic books. The N-LIST programme includes full-text e-resources from the American Institute of Physics (USA), American Physical Society (USA), Cambridge University Press (UK), Oxford University Press (UK), Royal Society of Chemistry (UK), H.W. Wilson, JSTOR etc. In-house/Remote access to e-publications: In-house/ remote access to electronic databases is provided to authorised users by giving them login IDs and passwords.

#### Library Automation:

M.P. Varghese College Library is the first ever library in Kerala to have complete automation. Every aspect of library functioning is managed by KOHA. Essential library functions like book selection, accessioning, cataloguing, classification, search, retrieval, circulation, membership management, etc., are

controlled by KOHA. Members can search, reserve, review and recommend books in the OPAC terminals (6) provided in the library. A secured Wi-Fi internet facility is also available in the library.

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

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

4.31

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

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

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

131

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

#### Stand-alone facility

A server room with two Dell Power Edge R410 (300 GB) servers and one Dell Power Vault NX3100 (1 TB) server are installed to enable intranet and internet facility in the College. A D-link KVM 440 PS2/USB 8 port Combo KVM Switch was provided for the local remote management of PCs through the intranet. All departments, computer labs, offices, seminar halls, and final-year classrooms have OFC cable connectivity.

Wi-Fi facility: The entire campus is Wi-Fi enabled (150 mbps).

#### Licensed software:

FortiGuard security software was purchased and installed on the server to enable comprehensive intranet security. Genuine and licensed software is also installed in all newly purchased Desktop, Laptop, and Netbook PCs. In addition, a number of licensed antivirus software is also being installed on computers.

Number of nodes/ computers with Internet facility: 201

A sufficient number of desktop PCs and laptops/netbooks (201 Nos.).

A Network Resource Centre (NRC) with 30 terminals.

An Academic Technology Centre (ATC) with 48 terminals.

Broadband connectivity in all the PG and final year UG classrooms.

Teachers have a password-protected login facility on the college website to upload teacher notes, e-books, and other articles.

Students can access the college website to download study materials using passwords.

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
2083	201

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

B. Any three of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

**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)**

171.23

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

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

The College is committed to provide a safe, comfortable, and conducive learning environment for all students, faculty, and staff. The repair and maintenance policy of the College outlines the principles and guidelines for the regular maintenance of physical and academic support facilities within the college. The following arrangements have been made by the College to maintain and utilize physical and academic support amenities such as a laboratory, library, sports complex, computers, classrooms, etc.

**The College Library:**

A qualified UGC librarian, two permanent full-time and five full-time staff members are allocated to maintain the decorum of the library.

**Laboratory:**

12 permanent full-time staff and nine contract full-time laboratory assistants are appointed to look after and upkeep the laboratory facilities.

**Sports:**

In addition to two permanent full-time faculty, four athletic coaches, one swimming coach, and one pole vault coach are serving to support the sports students.

**Computers:**

Two computer supporting staff are providing technical assistance



to the faculty and students in ICT.

#### Classrooms:

Regular cleaning and maintenance of classrooms are carried out by the supporting staff.

#### Electrical:

A retired Electrical engineer and an electrician oversee the electrical infrastructure and ensure an uninterrupted power supply.

#### Audio-visual:

A technical staff provides necessary support in recording, live streaming, and audio-visual assistance.

#### College Canteen:

Sufficient cooks, cleaning, and supporting staff facilitate the smooth functioning of the canteen.

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

631

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

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

19

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

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

A. All of the above

File Description	Documents
Link to Institutional website	<a href="https://macollege.ac.in/Activity">https://macollege.ac.in/Activity</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

998

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

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines**

A. All of the above

**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**

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

73

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

20

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

175

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

#### Active Student Council

Every year, the College conducts a college council election as per the direction of Mahatma Gandhi University, Kottayam. A parliamentary election system is employed by a senior faculty member acting as the Returning Officer. A Student Parliament is formed each year, comprising two class representatives from each class (one male and one female). This Student Parliament, through its internal election process, selects the members of the College Student Union for the academic year.

The council is governed by the Chairman, Vice-chairman, General Secretary, Student Editor, two University Union Councilors (UUC), Arts Club Secretary, and two lady representatives. In addition, each batch has two representatives, one from boys and girls. The parliamentary system is followed in the selection of the office bearers. The students of the college elect two University Union Councilors in order to represent the college in

the Mahatma Gandhi University academic and administrative bodies. They act as a link between the University and the college. The Students' Council conducts various activities, which include art competitions, youth festivals, arts day, and college day, which enhances the culturalharmony of the college.

Student representation in academic bodies:

Class Committee

Course Committee

Examination Grievance Committee

Student representation in administrative bodies:

Internal Quality Assurance Cell (IQAC)

Career Guidance & Placement Cell

Grievance Redressal Cell

Women Cell/ Gender Sensitization Club Disaster Management Cell

Road safety club

Anti-Drugs Club/Anti-narcotic Cell

Anti-ragging Committee

Internal Complaint Committee (ICC)

Institution Innovation Council and EDC

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

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

11

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 College has a registered and active alumni association. Since its formation in 2002, regular annual meetings have been held on the second Saturday of February every year. The executive committee of the alumni association is the apex body that decides its activities. Alumni play a pivotal role in the in the sucess and growth of the institution, During the academic year 2022-2023 , Alumni meetings were conducted and it was a platform for networking, knowledge sharing and was an oppurchunity for the alumni to connect with their classmates. Financial contributions from the Alumni members are supporting the distribution of Student scholarships, Infrastructure improvements and other initiatives.

Alumni talks areorganised by various departments( Department of Bio Sciences, Dept. of Chemistry, BCom Taxation, Dept of Physics, Dept of Economics and the Department of Statistics)to empower students and provide students with oppurchunities to learn from the experiences and expertise of successful graduates. The talks on varioustopics, including career advice, industry trends, entrepreneurship, and personal development inspired and motivated our students, more over the alumni talks facilitated mentorship oppurchunities and gave chances to navigate the academic and professional journey of the students.

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

<b>5.4.2 - Alumni's financial contribution during the year</b>	E. <2 Lakhs
File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	
<p>The vision and mission of the college are to provide quality education that is in tune with the objectives of the nation's higher education policy. Most students are first-generation learners, and the College is committed to overcome the lack of opportunities and backwardness. The college upholds social, secular, and democratic values, giving students from different strata of society, irrespective of caste and creed, opportunities to unite and form a unity in diversity.</p> <p>The College is a minority institution managed by the Mar Athanasius College Association, a charitable society. Its Governing Body and the Executive Committee are the Apex Bodies that decide the vision, mission, and objectives. The Secretary administers the activities approved by the apex bodies.</p> <p>The College adheres to the regulations and guidelines of the UGC, State Government, and affiliating University. Student admission is transparent and follows the Government's reservation policy. The appointment and career advancement of the permanent staff adheres to the UGC regulations and guidelines. The College takes the initiative to appoint qualified and meritorious temporary staff in the self-financing departments. In addition, quality education is imparted to the student community by creating state-of-the-art infrastructure, ICT-enabled teaching and learning environment, instituting scholarships and freeships under the able leadership of the College Management.</p>	

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

#### Decentralization and participation

The Principal is responsible for administration and overall discipline, makes necessary arrangements for Page 79/107 15-03-2024 12:34:16 Self Study Report of MAR ATHANASIVS COLLEGE (AUTONOMOUS) student admission and discharge, official communication, and acts as the Drawing and Disbursing Officer. The Controller of Examinations conducts internal and external examinations. The IQAC coordinates academic, extension, research, and other activities and helps to implement policies taken by the College Council and the Management. IQAC also evaluates and ensures that the policies are properly executed.

The College Council advises the Principal in all internal administrative affairs of the College. The Head of Departments is responsible for the appointment of class teachers, distribution of workload, maintenance of discipline, and convenes department and PTA meetings. The teachers are entrusted with effective curriculum transactions, mentoring, remedial teaching, internships, etc. The charge of various clubs and forums is delegated to teachers and other staff members. The elected Student Council acts as a liaison between the student community and the Principal by giving suggestions.

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	Nil

#### 6.2 - Strategy Development and Deployment



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

The College management is a congregation of 360 shareholders and 38 Christian churches belonging to religious minorities in central Kerala, an area with tribal concentration. The General Body elects members to prepare the vision, mission, and general institutional plans in tune with the government's Higher Education Policy.

The management prepares development plans in consultation with eminent academicians, stakeholders, and beneficiaries. The Institutional Development Plan (IDP) consists of governance, financial, research, human resource management, networking, collaborations, and physical and digital components that focus on achieving the vision and mission.

The College initiated a new development plan in 2016, with autonomy, and formulated policies for research, ethics, ICT, etc. The College added two research centers and four new academic programs. 19 research guides and 38 scholars engage in research. The faculty published 151 research papers and 59 books/book chapters. The College conducted six International Conferences and four Nobel Laureate Lecture Series to facilitate student interaction.

A new men's hostel for 200 lakhs and the third floor of the ladies' hostel was constructed. A floor area of 2983.83 square meters was also created to widen the learning space. A lift facility, sufficient ramps and rails, JAWS, and KIBO software are also provided to accommodate Divyangjan. 18 interactive panels and 201 computers are available for students. RFID has been introduced in the library. QnSmarti and Kris Inventa Software are purchased and installed as a part of the smart campus initiative. The institution renovated its administrative office, Indoor Stadium, and Students' Centre.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
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.

At present, the institution has 231 staff members. Since 2016, 16 permanent teachers and 10 non teaching staff have been appointed. As envisioned in the institution's IDP and policies, the college maintains a green landscape with tree cover, energy-efficient equipment, and solar power plants.

The college appoints a sufficient number of staff to ensure its efficient functioning. The staff receives regular training sessions to attain professional ethics and human values. Five teachers participated in Faculty Development Programmes (FDP), and 25 were awarded Ph.D. A total of 346 short-term faculty development programs were attended by the faculty.

The College placed 150-200 in 2019, 100-150 band in 2020, 86th position in 2021, 56th in 2022, and 87th in 2023 in the NIRF College ranking. For the Swachhtha initiative, the college received the 'One District One Green Champion Award' in 2021 and an A grade in Phase I in 2023.

The institution strives to impart quality education and to achieve academic excellence by imbibing the NEP 2020 framework. The administrative bodies decided to implement NEP from the next academic year with cross-institutional synergy, research collaboration, industry integration, alumni network, civic partnership, integrated partnership, and introducing modularisation of curricula to enable multiple entry/ exit options.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://macollege.ac.in/Explore-Mac/Organogram">https://macollege.ac.in/Explore-Mac/Organogram</a>
Upload any additional information	No File Uploaded
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) Document	<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

College welfare measures for teaching and non-teaching staff

Co-operative Store

Co-operative Credit Society

Staff Association for teaching and Non-teaching staff

Separate dining hall for staff in the canteen

Multi-gymnasium and indoor/outdoor game facility

Post office facility inside the campus

Well-furnished staff rooms

Incentive for research publication

Vehicle Parking Facility

Vehicle charging point T

The College management gives salary advances to the teaching/non-teaching staff.

The College Management also extends financial support to the staff to meet the contingencies.

ATM

Daycare facility

Higher Secondary School on the campus

Free wifi

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

**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	No File Uploaded

**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.)**

25

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

#### Regular Internal and External Audits:

The college conducts both internal and external financial audits regularly. External audits associated with government funds involve a specialized team from the Office of Deputy Director of Collegiate Education, Ernakulam, ensuring procedural formalities, document verification, and compliance checks. The team provides comments during an exit meeting, enhancing transparency and accountability. The College management has an internal mechanism to audit and monitor the cheques and vouchers on a regular basis.

#### Utilization of Funds:

Funds from various sources, such as RUSA and autonomy grants, undergo external verification by specialized auditors. Periodical checks are conducted on TDS compliance, PD, PTA fund utilization, scholarship disbursements, receipts, payments, financial statements, and statutory compliance.

Own fund utilization is audited annually by a Chartered Accountant (M/S O Thomas & Co), including an examination of government funds spending, compliance, and adherence to standards. Separate audits for PTA Funds, Hostel fees, and Self-Financing Section are also performed by the same Chartered Accountant.

#### Department and Club Activity Audits:

Individual departments and clubs undergo financial audits conducted by an internal team comprising teachers from the respective entities. Transactions are processed through the

Public Finance Management System (PFMS) for enhanced transparency.

#### Authorization of Expenditure:

Grants received for academic, curricular, co-curricular, and extracurricular engagements are authorized through certificates attested and audited by the institutional Chartered Accountant.

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)

326.8

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

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

Mar Athanasius College relies on diverse funding sources, including Central and State Government institutions, International agencies, stakeholders, philanthropists, and the Mar Athanasius College Association.

The College provides regular financial and progress reports to RUSA, ensuring transparency and accountability. The College participates in the UGC General Development/Infrastructure/Student Support, progression, and Exchange/Paramarsh scheme and submits timely proposals to enhance its quality and infrastructure. UGC sanctioned an amount of rupees 168.7 lakhs during 2018-2023. Grants are utilized for faculty and student development, infrastructure improvement, and research facilities. The college continually evaluates the

impact of the grant on the quality of education.

The College applies for grants from the Department of Biotechnology (DBT) and Department of Science and Technology (DST) for infrastructure and research. 65.59 lakhs of rupees were received from DBT under the STAR College Scheme. The DST sanctioned a major research project worth rupees 23 lakhs in 2022-2023. Funds are allocated for scientific research, laboratory development, and staff-student support. Compliance with DBT/DST guidelines is closely monitored, and progress reports are submitted periodically.

The College supports students in applying for Khelo India, Sports Authority of India, and Kerala Sports Council scholarships for excellence in sports. The Kerala Sports Council awarded students 125 lakh rupees as scholarships during 2018-2023. Khelo India awarded students 42.7 lakh rupees during 2018-2023. Scholarships are provided to student-athletes to facilitate their sports and academic endeavours.

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)

### 1. Maintaining State- of -Art Infrastructure and Infrastructure Augmentation:

Through strategic investments in infrastructure, the college has not only expanded its physical footprint but also elevated the quality of facilities across various domains. The Internal Quality Assurance Cell (IQAC) plays a pivotal role in ensuring that our institution continues to meet and exceed the standards of educational excellence.

### 2. Digital Literacy and Technology Upgradation:

Our commitment to inclusive education is underscored by significant advancements in providing facilities for Divyangjan. Elevators, wheelchairs, ramps, the Kibo X S Device, and the JAWS screen reader are integral investments, ensuring every student can fully engage in the learning process. The Kibo X S Device facilitates the conversion of hard copies into audio files, while the JAWS screen reader caters to the visually impaired, exemplifying our dedication to leveraging technology for inclusivity.

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

#### 1. Remedial Coaching and Mentoring:

IQAC has insisted all the departments of the college to conduct an Entry-level Test soon after the student is admitted to the college. Based on the marks obtained in the Entry-level Test, students are classified into three categories, namely slow Learners, fast Learners, and advanced learners. Remedial coaching is given to slow learners to address specific academic deficiencies after the regular class hours from 3.30 pm to 4.30 pm. These sessions focused on revisiting foundational concepts, providing additional study materials, and offering extra practice opportunities.

The IQAC has also internalized a mentoring system in the institution. All the faculty members are assigned with a small group of mentees (not exceeding 20). All the mentees are required to meet their mentors at least twice a month. The mentoring system in college serves as a valuable support mechanism for students that goes beyond academic assistance, addressing the holistic development of students. Mentors provide individualized student support, addressing their unique needs, concerns, and goals.

#### 2. Result Analysis:

Result analysis serves as a valuable tool for IQAC in assessing



the effectiveness of the teaching-learning process. IQAC has made it compulsory for all the teaching departments of the college to conduct department-level result analysis as soon as semester results are declared. Significant deviations in results are analyzed, and the reasons for the variations are sought. Students whose results are consistently poor are further contacted, and rigorous remedial coaching is recommended.

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)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
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

The College has taken adequate steps to promote education and ensure women's empowerment through gender equity. Gender sensitivity is an inherent value in the cultural ethos of the

College and all its stakeholders, as evidenced by the following facilities.

The institution has constituted an Internal Complaints Committee (ICC).

A gender Sensitisation Club

Installed CCTV cameras and provided 24 x 7 security personnel to enhance safety and security on the campus.

Permanent women counsellor

Two women's hostels to accommodate 200 students with teacher wardens and resident matrons appointed on a regular basis.

Ensuring female faculty members accompany female students when they participate in field visits, competitions, or tours.

One waiting hall and three restrooms with the required facilities are provided in the quadrangle.

Since 2011, women have been given prime responsibility as Principals. Of the four deans appointed, three are ladies. Most of the members of the college councils were females, with the highest majority in 2023-2024. 25 out of 28 Heads of the Departments are females (89%).

17 courses purely addressing gender equity.

Out of 1977 students, 1287 are females (65 %).

Out of 102 non-teaching staff, 46 are females (45 %) 107 out of 129 teaching staff are females (83 %)

Several gender sensitization programs conducted during 2022-2023

Celebration of International Women's Day Separate dining area in the College Canteen

Above 50% enrollment of women in NSS and NCC

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**

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

#### Solid waste management

Introduced a proper waste management system inside the campus. A sufficient number of waste bins properly labeled as plastic/ paper/ food was placed in the college corridor. All the students were asked to use the corresponding waste disposal bins such that the plastic, food and paper wastes go to the red, blue and green bins respectively. The collected plastic wastes were shredded using a plastic shredding machine and stored for tar roads. Biodegradable food waste goes to the blue-coloured bin and is transported to the biogas plant in the campus. Paper waste collected in the green-coloured bin is processed in the Incinerator for proper waste management.

An MoU was signed with Clean Kerala Company, Govt of Kerala, and an income was generated by the proper waste disposal in agreement with Clean Kerala Company.

#### Biomedical waste management

A Concrete pit was constructed for the proper waste disposal from the Biochemistry, Microbiology, and Biotechnology labs.

#### Waste recycling system

A sewage treatment plant in the St. Mary's Women's Hostel premises.

Hazardous chemicals and radioactive waste management

An MoU was signed with Kerala Enviro Infrastructure Limited for the disposal of toxic and dangerous waste generated in the science laboratories.

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	<a href="#">View File</a>

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

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

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment:</b>  <b>Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms</b>  <b>Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities:</b>  <b>accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

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).

With an aim to provide an inclusive environment, such as tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities, the College engages the local, regional, and cultural ethos of its stakeholders in all manner. The students of the college are always encouraged to participate in all the programs conducted inside and outside the campus irrespective of gender, caste, creed, and class. Participative engagement of students and staff is always ensured by the management for holistic development. It ensures a culture of human values and ethos among everybody without any discrimination. By conducting academic programs such as International, National, State, and Regional level seminars, conferences, workshops, symposia etc., the college ensures interaction between members from different States and cultures.

To avoid digital divide among the students mobile phones are distributed to the students. The college makes efforts to break the barriers of regional and linguistic disparities by conducting field visits, study tours, institutional visits, internships, village exposure camps, etc. In addition, the following activities were also conducted to ensure the aforementioned objectives: (1) Celebration of ethnic Days, (2) Onam Celebration, (3) Christmas Celebration, (4) Ek Bharat Sreshta Bharat, (5) Celebration of Hindi Day, and (6) Malayalam Bhasha Varacharanam.

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 regularly conducts sensitization programs for students and employers on constitutional obligations such as values, rights, duties, and responsibilities.

All National and International Days are commemorated.

Display boards on constitutional obligations, fundamental rights, and duties are established.

Human Values Pain and palliative activities

Cleaning of Government Primary Health Centers and Schools

Flood Relief activities and post-flood surveys

Students attended an orientation on 'The Maintenance and Welfare of Parents and Senior Citizens Act 2007.'

NCC cadets cleaned the statue of Mahatma Gandhi.

Human rights and duties A survey on human rights was conducted on World Human Rights Day

A one-day seminar on Human Rights was conducted with the financial support of RUSA

The College organized a talk on Human Rights under the 'Almashine.'

The College's induction cell organized a talk on students' rights and duties.

A two-day seminar on 'Human rights' was organized by the Department of Chemistry with the financial support of the DBT-STAR College Scheme.

A seminar on 'Public Properties Protection' in collaboration with the Legal Service Society.

A course on 'Human rights' is included in the curriculum of Undergraduate programs.

NCC organized a webinar on 75 years of Indian democracy

A webinar on 'Know your civil rights' organized by the Department of Mathematics

The NCC cadets took the Puneet Sankalp pledge on the online platform.

The NCC cadets observed Surgical Strike Day.

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

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

**A. All of the above**



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

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

The College regularly conducts sensitization programs for students and employers on constitutional obligations such as values, rights, duties, and responsibilities.

All National and International Days are commemorated.

Display boards on constitutional obligations, fundamental rights, and duties are established.

'Be vocal about local' pledge was taken by NCC cadets.

'Har Khar Tiranga' was celebrated to commemorate the 75th Independence Day.

A webinar on 'An analysis of Indo- China Border tensions and its ramifications in International Politics' organised by the NCC.

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

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the

prescribed format of NAAC

## 1. Fostering empirical learning among the academic fraternity and other stakeholders

### The Context

- The College is dedicated to fostering an empirical learning attitude, secular understanding, and research culture. This promotes academic activities that contribute to knowledge advancement and dissemination, societal development, and industrial collaboration as envisioned in its research policy.

### The Practice

- The College practices purchasing and maintaining sophisticated instruments and equipment. The college collected lakhs from various scientific organizations such as RUSA, DBT, DST, KSCSTE, Student projects, etc.

### Evidence of Success

- The faculty received rupees 23.76/- lakhs for research. The teaching faculty and students, utilizing the facilities available in the institution without spending a large amount, published several research papers and books/book chapters

## 2. Lifestyle consciousness in everyday life for environmental protection

- The College is committed to fostering environmental sustainability and promoting a culture of environmental responsibility among all stakeholders, as per its green policy.

### Practice

- The College creates and maintains an illustrious landscape inside the Great Quadrangle with many endangered and medicinal plants
- Students prepared a handbook on medicinal plants, 'Jeevajalakam.'
- The College signed MoUs with Clean Kerala Company of the Govt. of Kerala and Kerala Enviro Infrastructure Pvt. Ltd.

to dispose of plastic, toxic, and hazardous wastes.

#### Evidence of Success

- Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Digital Education, Ministry of Education, Government of India awarded an A grade to the institution during 2022-2023 in Phase I according to National Rural Institutions Sustainability Grading

File Description	Documents
Best practices in the Institutional website	<a href="https://www.macollege.ac.in/IQAC/Best-Practices">https://www.macollege.ac.in/IQAC/Best-Practices</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

#### Holistic development of students in physical education

The college chose 'Holistic development of students in physical education,' an inner discipline essential for holistic development and healthy and structured lives, as the institution's distinctiveness. In addition, due to its proximity to high altitude and being in the lap of high ranges, the college has a tradition of more interest in sports and games. The college's management, with a vision of having Olympians from this remote part, encourages its students to engage in sports and games actively. Slowly and gradually, the college started to bag prizes at university and state events. After receiving financial assistance from the state and central Government agencies, we marched towards attaining national and international medals. Gradually, sports and games became a part of the culture of the college.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

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

- Submission of SSR for NAAC reaccreditation
- Effective utilisation of RUSA - Second instalment
- Establishing new research centres in Commerce and Botany
- Sapthathi Celebration of Mar Athanasius College Association
- Celebration of National Days
- Preparation for NEP implementation
- Community Outreach Programmes
- Completion of RUSA Boys' Hostel
- Construction of North wing (third floor)
- Conduct International/National Seminars/State level seminars
- Admit students from outside Kerala
- Recruiting qualified teaching and non-teaching staff
- Science Orientation
- Submission of Research project proposals
- Strengthening Campus placement
- Environment conservation activities
- Conduct Greenaudit
- Excel in sports and games
- Augmentation of solar power generation facility