SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

MAR ATHANASIUS COLLEGE (AUTONOMOUS)

MAR ATHANASIUS COLLEGE (AUTONOMOUS), KOTHAMANGALAM
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Mar Athanasius College (Autonomous), is a religious minority institution managed by the Mar Athanasius College Association, a charitable society registered under the Cochin Registration of Literary, Scientific, and Charitable Societies Act II of 1088. Since its inception in 1955, with intermediate classes having only 127 students and 16 teachers, the College has been imparting quality higher education for over six decades. The Undergraduate programs commenced in 1957-58 and Postgraduate programs in 1965-66. There are 15 Undergraduate (including two B. Voc.), one integrated M. Sc. program, 17 postgraduate programs, and five research centers. There are 1,977 students, 129 teachers, and 102 non-teaching support staff.

The University Grants Commission (UGC) conferred Autonomy to the College in 2016. The College was the first in Kerala to be accredited with ‘A Grade’ (Institutional score-85) by the National Assessment and Accreditation Council (NAAC) in 2002. It was reaccredited with ‘A Grade’ (GPA of 3.22) in 2010 and ‘A+ Grade’ (GPA of 3.52) in 2017. The college was ranked in the 87th, 56th, and 86th positions in the National Institutional Ranking Framework (NIRF) for colleges in 2023, 2022, and 2021, respectively.

The College was given the status of College with Potential for Excellence (CPE) of UGC from 2009 to 2019. One of the 17 colleges in India received 5 Crores under the Rashtriya Uchchatar Shiksha Abhiyan (RUSA) scheme in 2018. The College was selected by the Department of Science and Technology (DST) under the FIST program in 2011, the Department of Biotechnology (DBT) under the STAR College Scheme in 2019, and the Paramarsh Scheme of UGC in 2019.

The College received the ‘One District One Green Champion Award’ of the Mahatma Gandhi National Council of Rural Education (MGNCRE) in 2021.

The College is recognized by the Sports Authority of India (SAI) and by Khelo India as its center in athletics. The College has won the Best Sports Performance Trophy of the *Malayala Manorama* Daily for the academic years 2019-20 and 2021-2022. The College strives continuously to maintain standards and work hard to improve the quality of Education.

Vision

To build up the community of people with character and integrity, courage and tenacity to promote the good and fight the evil and provide justice and fair play to all.

Mission

We are committed to prepare our students for life by imparting knowledge which focuses on academic competence, social skills and moral values.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strengths identified

1. Supportive management
2. Academic autonomy
3. Ranked consistently among the best 100 colleges in NIRF ranking
4. RUSA support
5. NAAC Reaccreditation with an A+ grade (Third cycle with 3.52 CGPA)
6. College with Potential for Excellence (CPE)-Phase I and II
7. 68 years of legacy
8. FIST support from DST
9. UGC Paramarsh Scheme
10. Financial support from DBT
11. Good Teaching-learning Infrastructure
12. Competent teaching faculty (58% Ph D holders)
13. Library with more than 72,000 books
14. Well-equipped laboratories
15. Sophisticated Instrumentation Centre
16. Wi-Fi campus
17. Eco-friendly/Green and secure campus
18. Over 70000 Alumni
19. National and International level recognition in Sports
20. Hostel facilities for boys and girls

Institutional Weakness

Weaknesses identified

1. Majority of the students are first-generation learners.
2. Economically backward students
3. Under utilization of library resources
4. Conveyance difficulty for students
5. No staff quarters
6. Under utilization of alumni opportunities

Institutional Opportunity

Opportunities explored/identified

1. Implementation of National Education Policy 2020
2. Collaboration with top QS ranking institutions
3. More Add-on courses / Certificate courses/Value-added courses based on current opportunities.
4. Advanced skill-oriented programs
5. Imparting value education/ethics
6. Up-gradation of ICT Technologies
7. Organize more International and national seminars/lectures
8. Community extension programs
9. Consultancy services
10. Utilization of green energy
11. Introduction of new online MOOC courses by faculty in platforms like SWAYAM and NPTEL.

Institutional Challenge

Challenges Perceived

1. Rigid regulation of affiliating University
2. Migration of students to foreign Universities
3. Inconsistency in the state Government policies
4. Professional colleges in the proximity

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

To prepare the students as envisioned in the NEP 2020, the institution prepares its curriculum and syllabi, which enables the students to take the challenges and possibilities of the time. Along with the curricular activities, the students are given training in multi-disciplinary and multifaceted education. The curriculum and syllabi of the College are designed to achieve the vision, mission, objectives, and graduate attributes.

The College takes the initiative to revise the course syllabi to incorporate contemporary requirements such as employability, entrepreneurship, and skill development. Efforts are also made to integrate cross-cutting issues relevant to professional ethics, gender, human values, environment and sustainability, and other value frameworks enshrined in the Sustainable Development Goals.

Postgraduate Outcomes one, two, and three address the relevant local, regional, national, and global needs. They focus on achieving academic mastery in the discipline, its practical application, and acquiring teaching and life skills. Undergraduate Outcomes four, five, and six address employment skills and entrepreneurship, awareness of socio-cultural and environmental issues, a sense of ethics, self-discipline, and sustainability, which are also in tune with the aforementioned developmental needs.

The language courses for UG programs emphasize developing practical communication skills to prepare

competent students for advanced studies. Electives and projects in the UG and PG give adequate opportunities for students to acquire and impart the necessary skills to meet contemporary challenges. An Environmental Studies and Human Rights course in the Undergraduate program addresses critical environmental issues.

The institute offers 15 undergraduate programs, 16 postgraduate programs, and one integrated program focusing on employability, entrepreneurship, and skill development, with 735 courses. Since gaining autonomy, 517 courses related to these areas have been added across undergraduate and postgraduate programs. Additionally, 54 certificate and add-on courses have been included to enhance students' skills. In 2020, four career-oriented courses, M. Sc. Integrated Programme in Basic Sciences-Biology (Aided), M Sc Data Analytics (Aided), B Voc Data Analytics & Machine Learning (Unaided), and B Voc Business Accounting & Taxation (Unaided) were introduced. The institute employs an active curriculum feedback system and is transitioning to Outcome-Based Education (OBE) in line with the National Education Policy (NEP) 2020.

Teaching-learning and Evaluation

The college has a fair, transparent, and inclusive admission process that aligns with the Government and University guidelines. It has an independent admission portal. All relevant information is published on the College website from time to time. An average of 87.09% of students enrolled during the last five years. During the last five years, 79.66% of seats were filled against reservation categories (SC, ST, OBC, etc.). Special attempts are made to fill the stray reserved seats through repeated newspaper notifications.

The institution's teaching-learning process addresses the learners' backgrounds, abilities, and attributes. The learning levels of newly admitted students are analyzed on qualification, an entry-level test, and socio-economic data. Bridge courses are conducted to fill the knowledge gaps and to mobilize first-year students' learning capabilities and evaluation. Advanced learners are identified, and ample opportunities are made available to interact with scholarly-teachers of their choice. Divyangjan students are identified, and assistive technology and scribe support are given.

The student-full-time teacher ratio for the last year is 16:1. Student-centric learning methods are followed, such as interaction with eminent scholars, peer teaching, personality training programs, etc. The college adopts mentor-mentee schemes to address academic and other issues. The teachers have been using different learning management systems and e-resources.

The College publishes an academic calendar and adheres to it. There is a transparent staff selection procedure as per the norms to ensure quality, adequacy, and availability. The college ensures 100% teacher availability. 58% of the teachers are Ph.D. degree holders. The average teaching experience for the latest year is 8.44 years. 63.93% of full-time teachers have worked in the institution for five years.

The College is committed to maintaining a fair, transparent, and efficient examination system that aligns with academic integrity, the college's autonomy, and the guidelines set forth by relevant statutory bodies. The examination system has a student grievance mechanism. The College is taking all measures to publish the results on time. The College purchased and institutionalized an examination and question bank management software to increase the efficiency and effectiveness of the evaluation process.

Research, Innovations and Extension

The College keeps up the spirit of the Research Policy by adhering to its vision, mission, objectives, and development policy to support the research and consultancy. The College made available several sophisticated instruments for research and consultation, such as UV-visible spectrophotometer, X-ray diffractometer, Atomic Absorption Spectrophotometer, etc., in the Sophisticated Instrumentation Centre, DST FIST Lab, and other research laboratories. The college spent 64.93 lakh on equipment purchases from 2018 to 2023.

The Research Advisory and Ethics Committee evaluates and scrutinizes the proposals' innovation, novelty, relevance, and ethical constraints. A total of 63.49 lakhs was awarded as seed money to conduct research for 27 teachers during 2018-2023. Five teachers received financial support under the FDP. Ten faculty members received 40.34 lakhs for research projects.

There are five research centres, of which Mathematics and Commerce were recognized during 2018-2023. The University recognized 14 teachers as research guides and 23 students for Ph.D. In the last five years, 152 papers were published in the UGC CARE-listed journals and 59 books/book chapters. An amount of 1.6 lakhs was generated from consultancy.

The College carried out several extension activities to address the social issues and holistic development of the community. The students of different forums extended their social responsibility by undertaking pain and palliative care activities. The students conducted medical camps, constructed houses for the homeless, cleaned Government hospitals and clinics, etc. Civic partnership was ensured by cleaning and renovating 16 Government school premises. The students are involved in sustainable green initiative activities to instill environmental consciousness by participating in Swachh Bharath Abhiyan, Puneet Sagar Abhiyan, Plogging, and Afforestation programs.

Two major floods occurred in Kerala during 2018 and 2019. The faculty and students of the college donated 10 lakh rupees to the Chief Minister's flood relief fund. In addition, the management, faculty, and students also distributed clothes and food kit materials worth ten lakhs to the flood-affected areas of Wayanad and Malappuram districts where governmental machinery could not reach out.

The College established 98 MoUs/linkages/collaborations during 2018-2023. 18 internships, 64 collaborative research projects, and 16 training programs were carried out by utilizing this facility.

Infrastructure and Learning Resources

Adequate infrastructure facilities are important for the effective and efficient conduct of curricular, co-curricular, and extracurricular activities. The College makes all efforts to augment the infrastructure to keep pace with the institution's academic development.

42 Undergraduate and 34 Postgraduate Classrooms are spacious, ventilated, and equipped with electric lights, fans, speakers, white/ blackboards, chairs, desks, benches, broadband connectivity, etc. All language departments are provided with portable speakers as teaching aids. There are 10 smart boards, 18 interactive panels, and 36 DLP/LCD projectors. The college has 22 science labs, functioning in tune with the new curriculum's modern specifications and requirements under the science departments.

Six OPAC terminals are available for staff and students to search the catalog, reserve, renew, and recommend books. In addition to the print journals, the library subscribes to the electronic resources under the N-LIST program of the UGC-INFONET. With this, we can access over 3000 full-text journals and 97000 electronic books. In-house/ remote access to electronic databases is provided to authorized users by giving them login IDs and passwords. In addition to books and journals, RFID has been introduced in the library.

The College has seven computer labs: the ATC (48 computers), NRC (30 computers), Data Analytics (20 computers), Chemistry lab (10 computers), Physics lab (9 computers), and Language lab (29 computers). All the departments have sufficient desktop PCs and laptops/netbooks. The total number of computers is 201. All departments, computer labs, offices, seminar halls, and final-year classrooms have OFC cable connectivity.

A men’s hostel and the third floor of the ladies' hostel were 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. QnSmarti and Kris Inventa Software were purchased and installed as part of the smart campus initiative. The institution renovated its administrative office, Indoor Stadium, and Students’ Centre.

The College regularly maintains and periodically replenishes its infrastructure on a daily basis. 566.3 lakh was spent on infrastructure maintenance during 2018-2023.

Student Support and Progression

The College made all efforts to provide necessary assistance to students, to enable them to acquire knowledge and to facilitate their holistic development and progression.

Since 2018, 52% of students have benefited from scholarships and freeships from the institution, government, and non-government bodies. 190.99 lakhs of rupees were made available to students as sports scholarships. 52 students benefitted from the faculty scholarship, and the alumni association financially supported 26 students.

The college's career guidance cell is constituted to open new avenues in science and technology, literature, management studies, etc. The Student Counsellor is in charge of the Career Guidance Cell and effectively guides the students to appear for competitive examinations. A separate and fully furnished counselling room was constructed to ensure confidence and privacy for the students to approach the Counsellor.

120 capacity development and skill enhancement activities were organized during 2018-2023. A well-structured grievance redressal mechanism functions in the college as per the UGC norms. 59.11% of students were placed/progressed to higher studies during the last five years. 133 students qualified in national-level

examinations. During the last five years, 391 students have been awarded for outstanding performance in sports or cultural activities at university, state, national, or international level events**.**

A Student Council is formed each year, comprising two class representatives from each class (one male and one female). The Council is governed by the Chairman, Vice-Chairman, General Secretary, Student Editor, two University Union Councilors, Arts Club Secretary, and two lady representatives. The Students' Council conducts various activities like art competitions, youth festivals, arts day, and college day, which enhance the cultural harmony of the campus. Students are actively involved in all the statutory and non-statutory committees.

The All India Inter University Football Championship and South Zone Football Championship were organized in 2021-2022. From 2018 to 2023, the College organized 27 sports events and 61 Cultural/Academic events.

The College has a strong alumni base, which arranges regular meetings to help the institution grow by participating different academic and administrative bodies.

Governance, Leadership and Management

The vision and mission of the college are to provide quality education in tune with the objectives of the nation's higher education policy. It tries to overcome the lack of opportunities and backwardness of the local students and uphold social, secular, and democratic values, irrespective of caste and creed. The College adheres to all regulating bodies. Student admission is transparent and follows the Government's reservation policy.

The institution's academic and administrative units are governed by participation and transparency. The management delegates the responsibility to the Principal in administration and overall discipline. The College Council, Governing Body, Academic Council, Board of Studies, IQAC, PTA, Controller of Examinations, and other statutory bodies support the Principal in implementing policies taken by the Management. The Head of Departments is responsible for the appointment of class teachers, workload distribution, conduct of internal evaluation, etc. The teachers are entrusted with effective curriculum transactions, mentoring, remedial teaching, internships, etc., and are in charge of different clubs and forums. All the curricular and co-curricular activities are assisted by the non-teaching staff headed by the Principal. The elected Student Council acts as a bridge between the student community and the Principal.

The management has established processes and procedures for mobilizing resources, planning, and allocating them. The institution's income and expenditures are subject to regular internal and external audits. The College mobilized 500 lakhs from RUSA, 424.99 lakhs from UGC/DST/DBT, and 862.52 lakhs generated from both philanthropists and shareholders during 2018-2023.

Efforts are made to maintain teaching quality by recruiting staff with professional competencies and desirable qualifications. Regular feedback, student appraisals, and confidential reports are collected to analyze the staff's performance.

IQAC has been actively involved in assessing and co-ordinating syllabus re-structuring, teaching-learning, evaluation, availing student scholarships, integrating IT in admission and evaluation processes, etc. The IQAC conducted national-level workshops and curriculum restructuring seminars to implement NEP in the college in the next academic year. Over the past five years, the IQAC has extended its support to five neighbouring institutions to get NAAC accreditation with the financial support of the UGC-Paramarsh Scheme.

Four of them are accredited by NAAC.

Institutional Values and Best Practices

The College takes adequate steps to impart education among the students to 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 in administrative, curricular, co-curricular, and extra-curricular activities.
The College is committed to environmental sustainability and responsibility among all stakeholders. It prioritizes the preservation of green spaces on campus, nurturing medicinal plants, and landscaping practices that conserve biodiversity.

The college envisions open accessibility and equal opportunity to all without impartiality. To inculcate human values and professional ethics, the College organizes awareness programs as per the guidelines of the UGC, the State, and the University. The College conducts programs to alleviate cultural, regional, and linguistic disparities. The institution publishes a code of conduct for students, teachers, and administrators on the college website, handbook, notice boards, etc. Annual awareness programs are organized.
Fostering empirical learning among the academic fraternity and other stakeholders is one of the best practices. This promotes academic activities that contribute to knowledge advancement, dissemination, and industrial collaboration as envisioned in its research policy. This aims to inculcate quality research that contributes to academic excellence and social impact and to facilitate consultancy services with the stakeholders.

The second best practice is lifestyle consciousness in everyday life for environmental protection. The College is committed to fostering environmental sustainabililty and responsibility to promote healthy lifestyle consciousness among all stakeholders. The College creates and maintains an illustrious landscape. A medicinal plant garden, Miyawaki forest, tree park, and rare and endangered plant (RET) garden are also nurtured on campus.

The college chose ‘Holistic development of students in physical education,’ an inner discipline essential for students’ holistic development and healthy and structured lives, and is projected to be the institution's distinctiveness. The College provides a platform, adequate infrastructure, and professional training for the selected students to excel in sports, enabling them to participate in various intercollegiate, state-level, national, and international events. The college has created Olympians and internationals by providing the best trainers and coaches, incentives, and student scholarships.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	MAR ATHANASIUS COLLEGE (AUTONOMOUS)
Address	Mar Athanasius College (Autonomous), Kothamangalam College P.O., Kothamangalam, Kerala, India 686 666
City	Kothamangalam
State	Kerala
Pin	686666
Website	www.macollege.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Manju Kurian	0485-2822512	9446884663	0485-2822512	iqac@macollege.in
IQAC / CIQA coordinator	Binu Varghese	0485-2822378	9447212512	0485-2822512	iqac@macollege.in

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	Yes Minority Status.pdf
If Yes, Specify minority status	
Religious	Yes
Linguistic	
Any Other	

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	13-07-1955
Date of grant of 'Autonomy' to the College by UGC	09-03-2016

University to which the college is affiliated		
State	**University name**	**Document**
Kerala	Mahatma Gandhi University	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC	23-09-2009	View Document
12B of UGC	23-09-2009	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Mar Athanasius College (Autonomous), Kothamangalam College P.O., Kothamangalam, Kerala, India 686 666	Semi-urban	61.77	31771.84

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BA,English,	36	Plus Two	English	50	50
UG	BA,Economics,	36	Plus Two	English	50	49
UG	BA,Hindi,	36	Plus Two	English	38	8
UG	BA,History,	36	Plus Two	English	50	42
UG	BA,Sociology,	36	Plus Two	English	50	50
UG	BCom,Commerce,Finance and Taxation	36	Plus Two	English	66	66
UG	BSc,Botany,	36	Plus Two	English	40	23
UG	BSc,Chemistry,	36	Plus Two	English	40	25
UG	BSc,Mathematics,	36	Plus Two	English	40	20
UG	BSc,Physics,	36	Plus Two	English	40	17
UG	BSc,Statistics,	36	Plus Two	English	40	26
UG	BSc,Zoology,	36	Plus Two	English	45	26
UG	BVoc,B Voc In Business Accounting And Taxation,	36	Plus Two	English	38	23
UG	BVoc,B Voc In Data Analytics And Machine Learning,	36	Plus Two	English	30	14
UG	BCom,Commerce Self Fi	36	Plus Two	English	50	45

	nancing,Taxation					
PG	MA,English,	24	Degree	English	19	18
PG	MA,Economics,	24	Degree	English	19	18
PG	MCom,Commerce,Finance and Taxation	24	Degree	English	19	18
PG	MSc,Botany,	24	Degree	English	13	12
PG	MSc,Chemistry,	24	Degree	English	13	13
PG	MSc,Mathematics,	24	Degree	English	19	16
PG	MSc,Physics,	24	Degree	English	15	14
PG	MSc,Statistics,	24	Degree	English	23	12
PG	MSc,Zoology,	24	Degree	English	19	13
PG	MA,M A Sociology,	24	Degree	English	25	19
PG	MCom,M Com Marketing And International Business,	24	Degree	English	25	9
PG	MSc,M Sc Actuarial Science,	24	Degree	English	19	11
PG	MSc,M Sc Biochemistry,	24	Degree	English	25	5
PG	MSc,M Sc Biotechnology,	24	Degree	English	25	9
PG	MSc,M Sc Microbiology,	24	Degree	English	25	25

PG	MSc,M Sc Bioinformatics,	24	Degree	English	20	0
PG	MSc,M Sc Integrated Programme In Basic Sciences Biology,	60	Plus Two	English	19	0
PG	MSc,M Sc Data Analytics,	24	Degree	English	15	13
Doctoral (Ph.D)	PhD or DPhil ,Economics,	36	Postgraduation	English	12	9
Doctoral (Ph.D)	PhD or DPhil ,Commerce,	36	Postgraduation	English	8	6
Doctoral (Ph.D)	PhD or DPhil ,Chemistry,	36	Postgraduation	English	32	4
Doctoral (Ph.D)	PhD or DPhil ,Mathematics ,	36	Postgraduation	English	12	10
Doctoral (Ph.D)	PhD or DPhil,Physics,	36	Postgraduation	English	22	9

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	3				11				58			
Recruited	1	2	0	3	3	8	0	11	14	42	0	56
Yet to Recruit	0				0				2			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				57			
Recruited	0	0	0	0	0	0	0	0	4	53	0	57
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				35
Recruited	24	11	0	35
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				67
Recruited	32	35	0	67
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	2	0	3	7	0	10	31	0	54
M.Phil.	0	0	0	0	0	0	2	2	0	4
PG	0	0	0	0	1	0	2	9	0	12
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	6	0	7
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	44	0	46
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	1	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	0	0	1
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	587	4	0	0	591
	Female	863	3	0	0	866
	Others	0	0	0	0	0
PG	Male	88	1	0	0	89
	Female	388	5	0	0	393
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	10	0	0	0	10
	Female	28	0	0	0	28
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	39	43	31	26
	Female	43	51	59	48
	Others	0	0	0	0
ST	Male	6	13	10	6
	Female	5	9	9	10
	Others	0	0	0	0
OBC	Male	112	93	80	59
	Female	288	291	238	187
	Others	0	0	0	0
General	Male	100	98	113	87
	Female	207	228	244	216
	Others	0	0	0	0
Others	Male	9	3	3	2
	Female	9	6	8	14
	Others	0	0	0	0
Total		818	835	795	655

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Botany	View Document
B Voc In Business Accounting And Taxation	View Document
B Voc In Data Analytics And Machine Learning	View Document
Chemistry	View Document
Commerce	View Document
Commerce Self Financing	View Document
Economics	View Document
English	View Document
Hindi	View Document
History	View Document
M A Sociology	View Document
Mathematics	View Document
M Com Marketing And International Business	View Document
M Sc Actuarial Science	View Document
M Sc Biochemistry	View Document
M Sc Bioinformatics	View Document
M Sc Biotechnology	View Document
M Sc Data Analytics	View Document
M Sc Integrated Programme In Basic Sciences Biology	View Document
M Sc Microbiology	View Document
Physics	View Document
Sociology	View Document
Statistics	View Document
Zoology	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The College is committed to preparing our students for life by imparting knowledge that focuses on

	academic competence, social skills, and moral values in compliance with the institutional vision and mission. The autonomy granted by UGC in curriculum planning and implementation opens immense opportunities to explore new avenues in multidisciplinary education. The Higher Education Council, Govt. of Kerala, and the Mahatma Gandhi University, Kottayam, have prepared draft guidelines to implement NEP during the year 2024-2025. Faculty members of the College attended Four Year Undergraduate Program (FYUGP) workshops organized by the affiliating University in connection with the curriculum and syllabi restructuring during the academic year. The faculty members contributed to designing the curriculum and syllabi of various Multi-Disciplinary Courses (MDC), Ability Enhancement Courses (AEC), Skill Enhancement Courses (SEC), Value Added Courses (VAC), and Major and Minor courses during the FYUGP workshops. Two national seminars, a webinar, one-day workshops for each program, etc., are being organized by the college to prepare the faculty for NEP implementation.
2. Academic bank of credits (ABC):	The college has registered with the National Academic Depository (NAD) and Academic Bank of Credits, created a Digilocker account, and taken steps to create Digilocker IDs for the students.
3. 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.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	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.
5. 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.
6. Distance education/online education:	The College has been promoting online education since the Covid 19 pandemic period, and 86 students have completed certificate programs in various online platforms since 2018. 5 FDP programs were attended by the faculty in online mode during the period. 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.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	A registered electoral literacy club has been functioning in the college since 2 November 2022.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes. The College appointed Sri. Bince Mathew, Assistant Professor, Department of History, as the ELC Nodal Officer, and Edwin Davis, II BA History, as the student coordinator. Yes. The ELC is functional and representative in character.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of	The election authorities conducted an electoral enrolment drive and election awareness class on the inaugural day. NCC cadets participate as security personnel in all the elections conducted by the Central and State Election Commissions. The cadets extended all physical help to the needy voters (aged, disabled, etc.) in the polling station as requested by

ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	the election officials. Two NCC Cadets, Edwin Davis and Nandhu R.B., were given training by the election authorities on the SVEEP mobile application for electoral roll enrollment. Sri. Bince Mathew, Assistant Professor, Department of History, attended the ELC Nodal officer's meeting on 14 December 2022 at the District Collectorate Office, Ernakulam. Anu Antochan and Ahana Akbar (I B A History) attended a quiz competition organized by the Election Commission as part of the election awareness on 7 January 2023 at the District Collectorate, Ernakulam.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	An online survey on electoral literacy was conducted among students of the College in September 2023 to identify the unregistered voters and analyze their general attitudes toward electoral procedures. 917 students participated in the survey, and a report was prepared and submitted to the election authorities of the Kothamangalam Assembly constituency. The college's Electoral Literacy Club organized an awareness program on electoral literacy on 19 September 2023. Sessions on the SVEEP application and its functionality, duties, rights, responsibilities, and obligations of voters, and the importance of voter identity cards were offered during the program.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	Out of 970 students who participated in the survey conducted by the ELC, 653 students are yet to be enrolled as voters in the electoral roll. Electoral Literacy Club of the College organized a mass campaign for enrolling students in the voter's list on 8 December 2023 in collaboration with the State Election Commission. The Election Commission conducted a familiarization program to acquaint the students with the electronic voting machine and VVPAT on 24 January 2024 in the College.

Extended Profile

1 Students

1.1

Number of students on rolls year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2071	1999	1866	1730	1816

File Description	Document
Institutional data in the prescribed format (data	View Document

1.2

Number of final year outgoing students year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
714	673	650	637	696

File Description	Document
Institutional data in the prescribed format (data	View Document

2 Teachers

2.1

Number of full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
125	117	115	122	122

File Description	Document
Institutional data in the prescribed format	View Document
Certified list of full time teachers	View Document

2.2

Total number of full time teachers worked/working in the institution (without repeat count) during last five years:

Response: 122

File Description	Document
Provide Links for any other relevant document	View Document
Institutional data in the prescribed format	View Document

3 Institution

3.1

Total expenditure excluding salary year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
1132.45	876.30	580.55	1001.47	853.54

File Description	Document
Provide Links for any other relevant document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1

Curricula developed and implemented have relevance to the local, regional, national, and global developmental needs, which is reflected in the Programme outcomes (POs) and Course Outcomes(COs) of the Programmes offered by the institution

Response:

The College is dedicated to develop our students for achieving life-skills by imparting knowledge that focuses on academic competence, social skills, and moral values, as stated in the institutional mission. The College complies with the dictum ‘Knowledge is Power’ while developing the course contents. The college offers 16 postgraduate programs, 15 undergraduate programs, and one integrated program across various disciplines to meet the unique developmental demands of the local, regional, national, and global arenas and ultimately fulfill the college's vision, mission, objectives, and graduation attributes.

Integrated Postgraduate and Postgraduate Program Outcomes (POs) viz.,

PO1. Create, apply, and disseminate knowledge through research leading to innovation,

PO2. Think critically, explore and exploit opportunities and possibilities positively,

PO4. Lead a sustainable life; reflects the relevant local, regional, national, and global needs are attained during the course of the study. These program outcomes also emphasize on gaining practical application of the discipline, acquiring teaching and life skills, and obtaining academic mastery in it.

Program Outcomes (POs) for Undergraduate Studies

PO 4. Attain skills for employment in their program related professions,

PO 5. Acquire awareness on socio-historical-cultural, human rights and environmental issues,

PO 6. Develop entrepreneurship and leadership abilities; address employment and entrepreneurship skills, awareness of socio-cultural and environmental issues, sense of ethics, self-discipline, and sustainability, which are in tune with the aforementioned developmental needs.

The Board of Studies of different disciplines carefully drafts the Program Specific Outcomes (PSOs) and Course Outcomes (COs), which center on specific objectives that students might achieve by studying the relevant topics that are outlined in the syllabus.

The core courses in both Undergraduate and Postgraduate programs provide students with a deep understanding of the developmental needs across global, national, regional, and local contexts within their respective fields. In Undergraduate programs, language courses emphasize not only the fundamental

concepts within the discipline but also the development of practical communication skills essential for advanced studies. English, as a core course, serves to familiarize students with the global dissemination and acquisition of knowledge. Moreover, Undergraduate programs include Malayalam/Hindi courses as secondary languages, enabling students to explore local and regional cultures, literary movements, and linguistic nuances in greater depth. The elective courses offered in both Undergraduate (UG) and Postgraduate (PG) programs provide ample opportunities for students to develop and apply essential skills needed to tackle modern-day challenges. Additionally, project work in these programs offers further avenues for students to enhance their skills and address real-world issues. In the UG program, the "Environmental Studies and Human Rights" course in the fifth semester explores environmental issues from global, national, regional, and local perspectives. This course not only addresses environmental challenges but also examines constitutional rights afforded to citizens, offering a patriotic outlook on rights and responsibilities.

Furthermore, the POs, PSOs, and COs of undergraduate, postgraduate and integrated postgraduate programs align with the objectives outlined in the National Education Policy (NEP), fostering holistic development and preparing students for the dynamic demands of the future.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.1.2

The programmes offered by the institution focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements

Response:

The 735 courses offered across 15 Undergraduate programs, 16 Postgraduate programs, and one integrated program are deeply concentrated on providing employability, entrepreneurship, and skill development. Each course is meticulously designed, taking into account various skills and opportunities, ensuring clear mapping for the comprehensive understanding of students. The college introduced 517 new courses related to employability, entrepreneurship, and skills since the implementation of Autonomy. Currently, 684 courses focus on skill development as outlined in the Program Outcomes (POs); 364 courses target skills including employablity, while 147 courses focus on skills including entrepreneurship. Notably, 350 courses are dedicated solely to skill development, two courses focusing only on entrepreneurship, and 36 courses thrust only on enhancing employability.

The syllabus of each program is designed by the respective Board of Studies, which includes experts from industry and academia. Additionally, the College regularly gathers input on curricula and syllabi from academic experts, employers, teachers, alumni, and students. Subsequently, the Board of Studies meticulously assesses the need for integrating modules or topics related to employability, entrepreneurship, and skill development into the syllabi.

With a vision to offer high-quality courses emphasizing employability, entrepreneurship, and skill development, the college consistently reviews its syllabus through feedback system and introduces new value-added and certificate courses. During the last five academic years, ten certificate courses and forty-four value added courses have been incorporated into the curriculum to foster students' employability, entrepreneurship, and life skills. Additionally, students were encouraged to enroll in various online courses, providing them with the opportunity to gain valuable knowledge and skills from expert instructors, enhance their academic understanding, and broaden their career prospects through recognized certifications, all promoted by the college. Over the past five years, 236 students have successfully completed 77 certificate courses via Coursera, while 11 students have completed 9 different courses through the NPTEL-SWAYAM platform.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years

Response: 60.68

1.2.1.1 **Number of new courses introduced during the last five years:**

Response: 517

1.2.1.2 **Consolidated number of courses offered by the institution across all Programmes (without repeat count) during the last five years :**

Response: 852

File Description	Document
Subsequent Academic Council meeting extracts endorsing the decision of BOS	View Document
Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses	View Document
Institutional data in the prescribed format (data template)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum

Response:

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.

In order to cite some examples, the Undergraduate programs feature a dedicated course named "Environmental Studies and Human Rights" that focuses on environmental protection and human rights concerns. In the field of biotechnology and its environmental applications, the Department of Biotechnology offers a course called "Environmental Biotechnology." It covers the role of biotechnology in degrading recalcitrant compounds through biological agents and introduces alternate green energy sources and technologies. The Department of English plays a significant role in tackling socio-cultural and environmental matters by offering five crucial common courses for all UG programs. For instance, the courses, "Issues that Matter," explores contemporary topics such as war, indigenous cultures, environmental protection, and refugee crisis whereas “Illuminations," aims to instill positive human values in students. Another course titled "Literature and/as Identity," addresses the challenges faced by marginalized communities, including tribal people, Dalits, and women. The Department of Malayalam contributes to addressing Ethics, Gender, and Human Values through common courses like "Katha Sahithyam," "Kavitha," "Drishya Kala Sahithyam," and "Malayalam Gadhyarachanakal." These courses utilize poems, stories, and critical essays to illuminate these important matters.

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, 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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years.

Response: 140

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format (data template)	View Document
Evidence of course completion, like course completion certificate etc	View Document

1.3.3

Percentage of programmes that have components of field projects / research projects / internships during the last five years.

Response: 100

1.3.3.1 **Total Number of programmes that have components of field projects / research projects / internships (without repeat count) during the last five years**

Response: 33

1.3.3.2 **Total Number of programmes offered (without repeat count) during the last five years**

Response: 33

File Description	Document
Sample Internship completion letter provided by host institutions	View Document
Sample Evaluated project report/field work report submitted by the students	View Document
Provide the relevant information in institutional website as part of public disclosure	View Document
Program and course contents having element of field projects / research projects / internships as approved by BOS	View Document
Institutional data in the prescribed format (data template)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

1.4 Feedback System

1.4.1

Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc., and Feedback processes of the institution may be classified as follows:

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution’s website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 86.52

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
818	835	802	655	696

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
991	991	939	737	741

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	View Document
Institutional data in the prescribed format (data template)	View Document
Final admission list as published by the HEI and endorsed by the competent authority	View Document
Document relating to sanction of intake as approved by competent authority	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 81.27

2.1.2.1 **Number of actual students admitted from the reserved categories in the first year of the programme year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
187	160	188	203	199

2.1.2.2 **Number of seats earmarked for reserved category as per GoI/State Govt. rule year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
202	202	236	256	257

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	View Document
Institutional data in the prescribed format (data template)	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of the letter issued by the State govt. or Central Government Indicating the reserved categories(SC, ST, OBC, Divyangjan, etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any	View Document

2.2 Catering to Student Diversity

2.2.1

The institution assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student

Response:

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. This serves the dual purpose of meeting course requirements for internal assessments and develop research interest among students.
- Made to lead group discussions: Group discussions are conducted in the classroom under the leadership of advanced learners. Apart from the training, the advanced learners serve as models to other students.
- 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. Exceptional PG students are given opportunities to take classes in the presence of a teacher.
- Motivated to read current journals and present information thus collected before a selected audience. Advanced learners are provided with extra reading materials and are encouraged to gather information from various reference materials and websites. Class teachers often encourage discussions during free hours.
- Students are given chances to participate in the seminars, workshops, and symposia conducted by other Colleges and Universities.
- The Quiz Club of the College conducts a screening test for the selection of eligible candidates for participating in competitions
- Encouraged to present papers in National and State level seminars, and two of our students bagged the best paper/poster award.

Catering for students with special needs

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

- KIBO Screen Teller software, used to enhance access to printed digital and handwritten information through audio, is available in the College library and can be accessed by the needy.
- Scribe support is given to differently-abled students for writing examinations on request.
- Extra time up to a maximum of 30 minutes is given to deserving students for examinations.

File Description	Document
Upload Any additional information	View Document

2.2.2

Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 16.57

File Description	Document
List showing the number of students in each of the programs for the latest completed academic year across all semesters	View Document
Certified list of full time teachers along with the departmental affiliation in the latest completed academic year.	View Document

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 experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

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.
- Field Studies and Report Writing: The students are given ample opportunity to delve deep into the various aspects of the ecosystem. The students have to record their observations in a field diary, and finally, they have to submit details of the field study. Zoology, Botany, Microbiology, Biotechnology, History, and Biochemistry departments undertake field study as part of their curriculum. The students are able to enhance their observation power and writing skills.
- 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.
- Community Survey: Socio-economic surveys were regularly conducted by the students under the leadership of the NSS of the College. The students got first-hand knowledge about the local community.
- Peer Teaching: Peer teaching enables the students to clarify their doubts regarding the curricular aspects. The students get the benefit of developing their knowledge by sharing it with others. The teachers of the post-graduate departments encourage the students to carry out peer teaching during the zero hours.
- Personality Development Training Programs: To equip the students to face the growing challenges of higher education, the College organized personality development training programs in collaboration with various agencies.

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	Document
Upload any additional information	View Document

2.3.2

The institution adopts effective Mentor-Mentee Schemes to address academics and student-psychological issues

Response:

Mentor-Mentee Scheme

The College offers a dynamic learning environment to improve the academic performance of our students. The mentoring policy of our College helps to bridge the gap between the skills possessed by the students and the skills required to ensure their academic excellence. The mentoring system focussed on our students' abilities, aspirations, strengths, and weaknesses. The system offers psychological support during the crucial stages of their personal, academic and intellectual development.

Number of students year-wise during the last five years.

Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number	2049	2003	1871	1734	1824

Number of full-time teachers year-wise during the last five years

Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number	125	117	115	122	122

Addressing student psychological issues

The College realised the significance of student counselling and took a leading step by appointing a full-time student counsellor to nurture and support the students and solve their problems. A separate and fully furnished counselling room was constructed to ensure confidence and privacy for the students to approach the Counsellor at any time. The Counsellor maintains an up-to-date confidential record to monitor the effectiveness of the psychological approach. The Counsellor also visits all classes at regular intervals every month and caters to the needs of the students.

File Description	Document
Upload any additional information	View Document
List of Active mentors	View Document

2.3.3

Preparation and adherence of Academic Calendar and Teaching plans by the institution

Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution.

Response:

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	Document
Upload any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers appointed against the number of sanctioned posts year wise during the last five years

Response: 100

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
125	117	115	122	122

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts).	View Document
Provide the relevant information in institutional website as part of public disclosure	View Document
Institutional data in the prescribed format (data template merged with 2.4.3 and 2.4.4)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with Ph.D./D.Sc. / D.Litt./ L.L.D during the last five years

Response: 36.89

2.4.2.1 **Number of full time teachers with *Ph.D./D.Sc. / D.Litt./ L.L.D* during the last five years**

Response: 45

File Description	Document
List of faculty having Ph.D./D.Sc. / D.Litt./ L.L.D along with particulars of the degree awarding university, subject and the year of award per academic year.	View Document
Institutional data in the prescribed format (data template merged with 3.2.3 and 3.4.2)	View Document
Copies of Ph.D./D.Sc. / D.Litt./ L.L.D awarded by UGC recognized universities	View Document

2.4.3

Average teaching experience of full time teachers (Data to be provided only for the latest completed academic year, in number of years)

Response: 8.44

2.4.3.1 **Total teaching experience of full-time teachers as of latest completed academic year**

Response: 1055

File Description	Document
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.4)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.4

Percentage of full time teachers working in the institution throughout during the last five years

Response: 63.93

2.4.4.1 **Number of full time teachers worked in the institution throughout during the last five years:**

Response: 78

File Description	Document
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.3)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms

2.5.1

Average number of days from the date of last semester-end/ year- end examination till the last date of declaration of results during the last five years

Response: 34

2.5.1.1 ***Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years***

2022-23	2021-22	2020-21	2019-20	2018-19
31	37	35	43	24

File Description	Document
Result Sheet with date of publication	View Document
Institutional data in the prescribed format (data template)	View Document
Exam timetable released by the Controller of Examination	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5.2

Percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 4.27

2.5.2.1 **Number of complaints/grievances about evaluation year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
62	84	31	54	63

2.5.2.2 **Number of students appeared in the examination conducted by the institution year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1639	1334	1313	1263	1343

File Description	Document
List of students who have applied for re-valuation/re-totaling program wise certified by the Controller of Examinations year-wise for the assessment period.	View Document

2.5.3

IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA)/Formative Assessment have brought in considerable improvement in

Examination Management System (EMS) of the Institution

Describe the examination reforms with reference to the following within a minimum of 500 words

- **Examination procedures**
- **Processes integrating IT**
- **Continuous internal assessment system**

Response:

The Office of the Controller of Examinations is responsible for the conduct of the In-Semester Assessment (ISA) and End-Semester Assessment (ESA) of the College. The examinations are conducted in accordance with the Examination Manual approved by the Academic Council and Governing Council of the College.

IT Integration

Kris Inventa - The College purchased Kris Inventa, a software platform to manage all the examination-related data. The comprehensive Enterprise Resource Planning (ERP) system provides an online portal that students can access to apply for examinations and view formative and summative assessment results. The software also enables mark entry, tabulation, awarding grace marks, and generating ESA mark sheets and provisional degree certificates.

QnSmarti - A question bank software, ' QnSmarti' of IPSR Solutions Limited, was purchased and customized to prepare questions for the End Semester Examinations of all the UG and PG programs.

The significant features of 'QnSmarti':-

- Concept of Revision Year to accommodate syllabus revisions.
- Advanced provisions for the Controller of Examination and faculty to find Question Bank Health.
- Provisions for automatically ruling out topic repetition in a question paper.
- Fully featured configurable history/repetition policy.
- Question papers can be configured and generated as per examination requirements.
- Multiple layers of randomness and distribution in accordance with the blueprint in the question paper ensure transparency and coverage of the entire syllabus.
- Heuristic Model for Question Paper Generation.
- Teachers (Examiner) - Option to add Course Outcomes along with the questions.
- Once the required questions are added to the question bank, the teacher can download the questions in an Excel file and map them to relevant Course Outcomes along with the strength against the attainment scale.
- The nature of the Question (theory/application/case study) and importance level can also be set.
- Standardization and validation: Bloom's taxonomy and difficulty levels ensure that all the question papers generated will adhere to basic standards.
- Support for OBE: The OBE-enabled version supports the mapping of outcomes.

The procedure of examination

The examination calendar is published at the beginning of the academic year, and ISA and ESA are conducted accordingly. Theory and practical courses are assessed periodically and the students are given feedback on the marks obtained in the formative evaluation. At the end of the semester, the consolidated internal assessment marks are uploaded to the college web portal. The final summative examination carries 20 % of the total marks from the internal assessment. The college conducts the summative examination at the end of each semester, and grades are offered.

File Description	Document
Upload any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution

Response:

The curriculum and syllabi of the College are designed to achieve the vision, mission, and objectives, specifically explained as the college's learning outcomes (program outcomes and course outcomes). It was introduced into the postgraduate syllabi in 2020 and undergraduate syllabi in 2021 syllabus revision.

The program outcomes, program-specific outcomes, and course outcomes of all UG and PG programs are communicated to all stakeholders of the college through different means. This will help students, teachers, and parents identify their roles and responsibilities for attaining the same. Prospective students, parents, employers, and well-wishers can be made aware of the role played by the college in moulding future generations.

The POs and PSOs are displayed on the college website and are displayed in the main corridors and common spaces of the college. The concept of POs and PSOs is explained during induction programs of new batches. At the beginning of every course, a faculty member explains the COs of that particular course. COs are written in the course diary of the faculty to remind them of the expected outcomes.

The college purchased and customized QnSmarti, a web-based software, to incorporate outcome-based education into the curriculum. The following are the specific options added to the software to enable

OBE.

Teachers (Examiner) - Option to add Course Outcomes along with the questions.

Once the required questions are added to the question bank, the teacher can download the questions in an Excel file and map them to relevant Course Outcomes along with the strength against the attainment scale.

The nature of the question (theory/application/case study) and importance level can also be set.

Standardization and validation: Bloom's taxonomy and difficulty levels ensure that all the question papers generated will adhere to basic standards.

Support for OBE: The OBE-enabled version supports the mapping of outcomes.

The curriculum framework of the affiliating university does not permit the college to implement the OBE as envisioned in the National Education Policy 2020. The Kerala State Higher Education Council decided to implement the National Education Policy 2020 in Kerala from the 2024-2025 academic year onwards. The college has made all efforts and is ready to implement outcome-based education as the Government gives sanction.

File Description	Document
Upload POs and COs for all courses (exemplars from Glossary)	View Document
Upload any additional information	View Document
Provide links as Additional Information	View Document

2.6.2

Pass percentage of students (excluding backlog students) (Data for the latest completed academic year)

Response: 80.67

2.6.2.1 **Total number of final year students who passed the examination conducted by Institution during the latest completed academic year:**

Response: 576

File Description	Document
Institutional data in the prescribed format (data template)	View Document
Certified report from the COE indicating the pass percentage of students of the final year (final semester) eligible for the degree program-wise / year wise	View Document
Annual report of Controller of Examinations (COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.39

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

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

Response:

The College keeps up the spirit of the Research Policy by adhering to its vision, mission, objectives, and development policy to support the research and consultancy. Several sophisticated instruments for research such as a UV-visible spectrophotometer (Perkin Elmer), X-ray diffractometer (Rigaku), Atomic Absorption Spectrophotometer (Perkin Elmer), Gas Chromatograph (Perkin Elmer), High-Performance Liquid Chromatography (Waters), Total Organic Carbon Analyser (Schimadzu), Impedance Analyser (Agilent), Gel Documentation, Stereomicroscope (Leica), Pressure Reactor, Digital Photoelectric Colorimeter, Air Oven, Muffle Furnace, Temperature Programmed Desorption Reactor, Microwave oven, Rotory Shaker, Surface Area Analyzer, etc. are available in the Sophisticated Instrumentation Centre, DST FIST Lab and other research laboratories. The college spent 64.93 lakh on equipment purchases from 2018 to 2023.

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	Document
Upload any additional information	View Document

3.1.2

The institution provides seed money to its teachers for research

Response: 3.62

3.1.2.1 **Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
3.0	0.62	0	0	0

File Description	Document
Sanction letters of seed money to the teachers is mandatory	View Document
List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise	View Document
Institutional data in the prescribed format (data template)	View Document
Audited Income-Expenditure statement highlighting the expenditure towards seed money endorsed by the Finance Officer	View Document

3.1.3

Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years

Response: 4.1

3.1.3.1 **Number of teachers who received national/international fellowship /financial support by various agencies, for advanced studies / research; year-wise during the last five years**

Response: 5

File Description	Document
List of teachers who have received the awards along with nature of award, the awarding agency etc.	View Document
Institutional data in the prescribed format (data template)	View Document
E-copies of the award letters of the teachers	View Document

3.2 Resource Mobilization for Research

3.2.1

Total Grants research funding received by the institution and its faculties through Government

and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)

Response: 12.50

File Description	Document
List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount	View Document
Institutional data in the prescribed format (data template is merged with 3.2.2)	View Document
Copies of the letters of award for research, endowments, Chairs sponsored by non-government sources	View Document

3.2.2

Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

Response: 0.01

3.2.2.1 **Number of research projects funded by government and non-government agencies during the last five years.**

Response: 01

File Description	Document
List of project titles with details of Principal Investigator, amount sanctioned and sanctioning agency etc	View Document
Institutional data in the prescribed format (data template merged with 3.2.1)	View Document
Copies of the grant award letters for research projects sponsored by government agencies	View Document

3.2.3

Percentage of teachers recognised as research guides as in the latest completed academic year

Response: 11.2

3.2.3.1 **Number of teachers recognised as research guides as in the latest completed academic year:**

Response: 14

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document
Institutional data in the prescribed format (data template merged with 2.4.2 and 3.4.2)	View Document

3.3 Innovation Ecosystem

3.3.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

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 mentorship programs, training sessions, workshops, and seminars, the EDC nurtures the entrepreneurial spirit, equipping students with the skills and knowledge needed for startups and technical and legal assistance with which they can excel in the business world.

The College takes pride in actively engaging its students in various aspects of the Indian knowledge system, fostering a holistic educational experience. 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.

The college conducted an Intellectual Property Rights (IPR) certificate course to familiarize students with the different aspects of IPR and its legal obligations. In addition to this, the college conducts periodic

seminars/symposiums for the students to gain adequate contemporary knowledge on IPR-related matters.

File Description	Document
Upload any additional information	View Document

3.4 Research Publications and Awards

3.4.1

The Institution ensures implementation of its stated Code of Ethics for research.

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

1. **Inclusion of research ethics in the research methodology course work**
2. **Presence of institutional Ethics committee (Animal, Chemical, Bio-ethics etc.)**
3. **Plagiarism check through software**
4. **Research Advisory Committee**

Response: B. Any 3 of the above

File Description	Document
Copy of the syllabus of the research methodology course work to indicate if research ethics is included	View Document
Constitution of the ethics committee and its proceedings as approved by the appropriate body	View Document
Constitution of research advisory committee and its proceedings as approved by the appropriate body.	View Document
Bills of purchase of licensed plagiarism check software in the name of the HEI	View Document

3.4.2

Number of candidates registered for Ph.D per teacher during the last five years

Response: 1.64

3.4.2.1 **Number of candidates registered for Ph.D during the last 5 years:**

Response: 23

File Description	Document
Ph.D. registration letters/Joining reports of candidates.	View Document
Letter from the university indicating name of the Ph.D. student with title of the doctoral study and the name of the guide.	View Document
Institutional data in the prescribed format (data template merged with 2.4.2 and 3.2.3)	View Document

3.4.3

Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Response: 0.64

3.4.3.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Response: 78

File Description	Document
Institutional data in the prescribed format (data template)	View Document
Link to the uploaded papers, the first page/full paper (with author and affiliation details) on the institutional website	View Document
Links to the paper published in journals listed in UGC CARE list	View Document

3.4.4

Number of books and chapters in edited volumes published per teacher during the last five years

Response: 0.48

3.4.4.1 **Total Number of books and chapters in edited volumes published during the last five years**

Response: 59

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format (data template)	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document

3.4.5

Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science

Response: 6.76

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.6

Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution

Response: 13.5

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document

3.5 Consultancy

3.5.1

Revenue generated from consultancy and corporate training during the last five years

Response: 1.6

3.5.1.1 **Total Amount generated from consultancy and corporate training year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0.084	0.14	0.57	0	0.81

File Description	Document
Letter from the beneficiary of the consultancy along with details of the consultancy fee	View Document
Institutional data in the prescribed format (data template)	View Document
CA certified copy of statement of accounts as attested by head of the institution	View Document
Audited statements of accounts indicating the revenue generated through corporate training/consultancy.	View Document

3.6 Extension Activities

3.6.1

Outcomes of extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years (Showcase at least four case studies to the peer team)

Describe the impact of extension activities in sensitising students to social issues and holistic development with four case studies within a maximum of 500 words

Response:

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 Scool, 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 Nellikkuzhy, 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.

Flood relief activities

Two major floods occurred in Kerala during 2018 and 2019. The management, faculty, and students of the college actively extended social support by donating 10 lakh rupees to the Chief Minister's flood relief fund. In addition, the management, faculty, and students also distributed clothes and food kit materials worth ten lakhs to the flood-affected areas where governmental machinery could not reach out. The clubs and forums of the college also undertake cleaning flood relief camps, helping hand in hand with the Chendamangalam handloom unit, conducting flood surveys, and cleaning flood-affected houses.

Green initiatives

The students involved in sustainable green initiative activities to instill environmental consciousness in the community, like 1. Puneet Sagar Abhiyan, 2. Plogging at Fort Kochi, 3. Check dam construction, 4. Rejuvenating biodiversity plot at Thattekkad, 5. Street cleaning drive and afforestation at Punneckad, 6. House visit and awareness on solid waste management, 7. Awareness campaign on sanitation behavior, and 8. Initiative to develop a biodiversity park at a special school.

Awards and recognition

The College was conferred with a ‘District Green Champion Certificate’ instituted by the Mahatma Gandhi National Council of Rural Education (MGNCRE) in recognition of implementing the Swachhta action plan in 2021.

Mahatma Gandhi National Council of Rural Education (MGNCRE) awarded an A grade to the institution during 2022-2023 in Phase I according to National Rural Institutions Sustainability Grading (NRISG) on the following parameters. (a) Green cover on campus (A+), (b) Surface water harvesting (A), (c) Rooftop water harvesting (A), (d) Rooftop solar system (B+), and (e) Waste management (A).

The Mahatma Gandhi University awarded the Best NSS Unit, Outstanding NSS Program Officer, and Outstanding NSS Volunteer during 2018-2019.

File Description	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

3.6.2

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years

Response: 87

3.6.2.1 **Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years.**

2022-23	2021-22	2020-21	2019-20	2018-19
23	18	7	21	18

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format (data template)	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document

3.7 Collaboration

3.7.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

Response: 37

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format (data template)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for

1. **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
2. **ICT – enabled facilities such as smart class, LMS etc.**
3. **Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.**

Response:

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.

Tutorial Spaces

- Tutorial classes are conducted in the respective classrooms.

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.

Science Labs	Computer Labs	Research Labs
B Sc. Chemistry lab M Sc. Organic & Inorganic lab M Sc. Physical chemistry lab	Academic Technology Centre Network Resource Centre Data Analytics lab	Sophisticated Instrumentation Centre DST FIST lab Chemistry research Lab

B Sc. Physics lab	Computational Chemistry lab	Physics research lab
M Sc. Physics lab	Language lab	Zoology research lab
M Sc. Electronics lab	Physics lab	
M Sc. Spectroscopy lab	Digital Library	
B Sc. Zoology lab		
M Sc. Zoology Previous lab		
M Sc. Zoology Final lab		
B Sc. Botany lab		
M Sc Botany Previous lab		
M Sc Botany Final lab		
Phytochemistry lab		
Biochemistry lab		
Bacteriology lab		
Molecular Biology Lab		
Tissue Culture lab		
Inoculation room		
Mycology and Virology lab		
Enzymology lab		
M Sc Integrated Biology Lab		

Computing Equipment

- The entire campus is Wi-Fi enabled with high-speed internet connectivity (150 mbps).
- Seven computer labs - Academic Technology Centre (48 computers), Network Resource Centre (30 computers), Data Analytics (20 computers), Chemistry lab (10 computers), and Physics lab (9 computers).
- The Department of English has a language laboratory (29 computers) meant to enhance the language and communication skills of the students.
- The library is computerized and can be accessed through OPAC (6 terminals).

2. ICT - Enabled Facilities

- 18 interactive panels and 10 smartboards
- 36 DLP/LCD projectors were installed in the classrooms

3. 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	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

4.1.2

Percentage of expenditure excluding salary, for infrastructure development and augmentation year wise during the last five years

Response: 8.16

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
247.57	11.89	25.31	62.21	15.80

File Description	Document
Institutional data in the prescribed format (data template is merged with 4.2.2 and 4.4.1)	View Document
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

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. The library is also the first in the state to provide an internet facility to a college campus. Since 1996, e-mail and web browsing facilities have been offered to college staff and students.

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.

Printers for public access: 1 Nos.

Internet bandwidth/speed: 8mbps Institutional Repository: Yes

Content Management System: Yes

Resource sharing networks / Consortia:

The College is registered under the N-LIST (National Library & Information Services Infrastructure for Scholarly Content) of the UGC – INFONET. The college has been subscribing to N-LIST e-resources since 2010. This facility allows authorised users to access e-resources and download required articles. DrilBIT plagiarism checker and databases like Delnet and J Gate are also available in the library.

The library plays a vital role in supporting the teaching and learning process by providing relevant information resources and associated services. Staff and students are given instructions to identify and locate the required information from the vast resources of knowledge. The library encourages the members to contact the library staff if they need any help in using the library resources effectively.

In order to make the library differently-abled friendly, a lift facility is available in the library. In addition , JAWS and KIBO are made available.

User Orientation and awareness

User orientation is given to the newly joined staff and students at the beginning of every academic year. A formal training session is organised to introduce them to various resources and services available in the library. Giving general instructions on the functioning of the library, training in OPAC and providing web searching tips, etc., are the salient features of the orientation programme. The members are taken around the library to familiarise themselves with the layout and book stacks.

File Description	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

4.2.2

Percentage of expenditure for purchase of books/ e-books and subscription to journals/e-journals year wise during the last five years

Response: 0.28

4.2.2.1 **Expenditure for purchase of books / e-books and subscription to journals/e-journals year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
4.31	0.08	1.87	1.71	4.38

File Description	Document
Institutional data in the prescribed format (data template merged with 4.1.2 and 4.4.1)	View Document
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for purchase of books/ e-books and subscription to journals/e-journals should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

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	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

4.3.2

Student - Computer ratio (Data for the latest completed academic year)

Response: 11.97

4.3.2.1 **Number of computers available for students' usage during the latest completed academic year:**

Response: 173

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.3.3

Institution has dedicated audio visual centre, mixing equipment, editing facility, media studio, lecture capturing system(LCS) and related hardware and software for e-content development

Response:

The institution has an audiovisual recording facility with a Canon DSLR Camera (EOS 80D), Nikon DSLR Camera (D7500), Conferencing Webcam (Peoplelink WHD 12X), Tripod (Manfrotto), and Interactive Panel (17-inch with Windows and Android OS).

The College, in collaboration with the Kerala State Higher Education Council, organized a Capacity building workshop on MOOCs, MOODLE, OER, and E-content development in 2019, and 17 short learning objects were prepared by utilizing this facility.

The College purchased the following equipment and instruments to enhance the existing facilities available in the institution.

1 Mac Studio: Apple M2 Max with 12-core CPU, 30-core GPU, 512GB SSD storage, 32GB unified memory, with AppleCare+ (1no).
2 Apple Magic keyboard (1no)
3 Apple Magic mouse (1no)
4 27”2K monitors – Samsung (27a600u)(2 nos)
5 Belkin F4u092BT- Type C Dock - Multi Media-HDMI, LAN, SD Card reader (1 no)
6 Vention CHTBB USBC/USB 3.0 HUB (1 no)
7 Manhattan MH207805 HDMI Splitter 1:4, 4K 4-Port HDMI Splitter, 4K@60Hz, AC Powered (1 no)

8 Manhattan 323192 High-Speed HDMI Cable With Ethernet Channel – 1 m

9. Manhattan MH 355353 Premium High-Speed HDMI Cable with Ethernet, HEC, ARC, 3D, 4K@60Hz UHD,
10 Manhattan MH 323260 High-Speed HDMI Cable With Ethernet Channel – 15m (1 no)
11 Focusrite Scarlett 18i20 (1 no)
12 ProTools Studio 1-Year Subscription software download with updates + support for a year- Edu Institution Pricing (1no)
13 iLok (1 no)
14 FINALCUTSTUDIO (1 no)
15 Blackmagicdesign DaVinci Resolve Studio (1 no)
16 Adobe Premier: direct purchase from Adobe Store
17 Samsung 43" UHD 4K TELEVISION (2 nos)
18 Presonus Monitor Station V2 (1 no)
19 Belden 8 core snake cable (30 m)
20 Behringer HA 400 (1 no)
21 Beyerdynamic DT 770 Pro 250 Olums (1 no)
22 Samson BT4 Mic Stand (2 nos)
23 AKG Perception 420
24 Audio Technica AT2020 (1no)
25 Zoom H5
26 Headphones – Sennheiser HD 206 (4 nos)
27 Yamaha HS8 pair
28 Rode Wireless Go II Dual Channel

29 Panasonic Lumix G85 4k Mirrorless Camera With 12-60 Lens (1no)
30 Panasonic Lumix G Lens 25mm (1no)
31 SanDisk Extreme Pro SD UHS 128GB Card (1no)
32 Panasonic Lumix G85 additional Battery (1no)
33 DSLR Tripod (1no)
34 Chroma Screen
35 Digitek Light Stand 9ft (2nos)
36 Digitek Ring Light 12" (1no)
37 Belkin Power Extension 6 Socket (2no)
38 Furman M 8x2 Power Conditioner (1no)
39 Numeric 3kv Online UPS with Battery [12 V 100AH *6 Nos]
40 Cable and Connectors, Wallmount Plates, Wallmount Sockets, Neutrik Pins, Belden Mic Cables,Belden Line Cables

File Description	Document
Provide the link for additional information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years

Response: 1.69

4.4.1.1 ***Expenditure incurred on maintenance of physical facilities and academic support facilities of DDE and total expenditure excluding salary, year - wise, over the last five years (INR in lakhs)***

2022-23	2021-22	2020-21	2019-20	2018-19
2.88	32.03	13.44	22.81	3.85

File Description	Document
Institutional data in the prescribed format (data template merged with 4.1.2 and 4.2.2)	View Document
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for maintenance of physical facilities and academic support facilities should be clearly highlighted)	View Document

4.4.2

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

Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities within a maximum of 500 words

Response:

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 assitance 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.

Landscape and Tree cover: Eight daily wagers nurture an illustrious garden and tree cover in the campus by properly carrying out the pruning, weeding, manuring, watering, training, potting/re-potting, etc.

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	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 52.1

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
631	767	967	1263	1312

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	View Document
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	View Document
Upload policy document of the HEI for award of scholarship and freeships.	View Document
Institutional data in the prescribed format (data template)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.2

Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations during the last five years

Response:

Career Guidance Cell

To open new avenues in the realm of Science and Technology, Literature, Management Studies, etc., a

career guidance cell has been constituted on the campus. Display Boards have been fixed for projecting notices, brochures, job sites, etc., to disseminate the message rapidly, widely and effectively. The reference books for various competitive examinations like CAT, MAT, NET, JRF/AL, UGC, JRF, SLET, and Civil Service have been kept separately in the library. The Student Counsellor is in charge of the Career Guidance Cell and effectively guides the students to appear for competitive examinations.

Student Counsellor

The College realised the significance of student counselling and took a leading step by appointing a full-time student counsellor to support the students to solve their problems. A separate and fully furnished counselling room was constructed so as to ensure confidence and privacy for the students to approach the Counsellor at any time. The Counsellor maintains an up-to-date confidential record to monitor the effectiveness of the psychological approach. The Counsellor also visits all classes at regular intervals every month and caters to the needs of the students.

Placement Cell

The world is now in a transitional period where more people seek private-sector jobs than government jobs. To facilitate the growing needs and aspirations of the students, a Placement Cell is functioning in the library building.

File Description	Document
Upload any additional information	View Document

5.1.3

Following capacity development and skills enhancement activities are organised for improving students' capability

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)**
4. **Awareness of trends in technology**

Response: A. All of the above

File Description	Document
Report with photographs on programmes conducted for awareness of trends in technology	View Document
Report with photographs on programmes/activities conducted to enhance soft skills, Language & communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Institutional data in the prescribed format (data template)	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

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

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Annual report of the committee monitoring the activities and number of grievances	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 58.43

5.2.1.1 **Number of outgoing students placed and progressed to higher education during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
330	377	425	450	387

File Description	Document
Institutional data in the prescribed format (data template)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/ national/ international level examinations out of the graduated students during the last five years

(eg: NET/SLET/ Civil Services/State government examinations etc.)

Response: 1.22

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.) year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
16	11	12	02	00

File Description	Document
List of students qualified year wise with details of examination and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format (data template)	View Document

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/cultural activities at University / state /national / international Level events during the last five years

Response: 99

5.3.1.1 **Number of awards/medals for outstanding performance in sports/cultural activities at University / state / national / international level events (award for a team event should be counted as one) year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
36	37	09	05	12

File Description	Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format (data template)	View Document

5.3.2

Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution.

Describe the Student Council activity and students' role in academic & administrative bodies within a maximum of 500 words

Response:

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 cultural

harmony 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

Activities of the Students Council

Following their election, the College Student Council receives mentorship and guidance from the Dean of Student Affairs and a Staff Advisor. These mentors assist in coordinating programs and overseeing the organization of arts and sports competitions.

The Council of Class Representatives convenes on a regular basis to discuss and communicate students' thoughts, preferences, and issues with the teaching staff and the college administration.

The Student Council convenes once a month to strategize and plan upcoming activities. The Principal and faculty members observe these meetings.

The Student Council organizes various activities like

- College Union and Arts Club Inauguration
- College Arts Festival
- Literary Competitions like poster making, essay writing, story writing, etc.
- Teachers’ Day
- Freshers’ day
- Inter-religious festivals like Onam, Christmas, Ramzan, Holi, etc.
- Celebrating National or International days of importance.
- Annual Inter-Departmental Sports Fest
- Sports Day
- Ethnic Day
- Council organizes flash mobs and public awareness rallies on national and social issues.
- The Student Council takes the lead in preparing the College squad for University Youth Festivals.

File Description	Document
Upload any additional information	View Document

5.3.3

The institution conducts / organizes following activities:

1. **Sports competitions/events**
2. **Cultural competitions/events**
3. **Technical fest/Academic fest**
4. **Any other events through Active clubs and forums**

Response: A. All four of the above

File Description	Document
Report on Sports, Cultural competitions/events, Technical/academic fests, Any other events through active clubs and forums along with photographs appropriately dated and captioned (whichever is applicable)	View Document
List of students participated in different events year wise signed by the head of the Institution	View Document
Institutional data in the prescribed format (data template)	View Document
Copy of circular/brochure indicating such kind of activities.	View Document

5.4 Alumni Engagement

5.4.1

Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution through registered Alumni association:

Response: 1.67

5.4.1.1 **Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution year wise through registered Alumni association:**

2022-23	2021-22	2020-21	2019-20	2018-19
1.3	0	0	0.12	0.25

File Description	Document
List of alumnus/alumni with the amount contributed year-wise	View Document
Annual audited statements of accounts of the HEI highlighting the Alumni contribution duly certified by the Chartered Accountant/Finance Officer	View Document

5.4.2

Alumni contributes and engages significantly to the development of institution through academic and other support system

Describe the alumni contributions and engagements within a maximum of 500 words

Response:

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.

The College is bestowed with a robust alumni base that has proved its mettle in Sports, Arts and Literature, Science and Technology, Academics, and Social Leadership, which has increased its visibility and public acceptance.

Sports: Anilda Thomas and Gopi T represented India in the Rio Olympics 2016. Two students represented India in the World Military Games held at Korea in Volleyball 2016. In addition, our students represented India in Commonwealth Asian Track and Field Game held at Indonesia 2017, World Military Games held at Korea in 2015, Junior SAF Athletic Meet held at Ranchi 2013, Asian Grant Prix Series held at Pune 2013, Commonwealth Chess Championship held at Chennai in 2013, World Police games in Long Jump, Asian Track and Field Meet held at China in 2012, World Arm Wrestling Championship held at Spain in 2012, Commonwealth Game held at Delhi, 2010, South Asian Federation Games held at Dhaka 2009, Asian Indoor Games held at Hanoi, Vietnam, in November 2009, and International Meet held at Incheon, South Korea, 2008.

Art and Literature: Kerala state award winner for best cinematography Madhu Neelakantan, National awardee for best film editing B. Ajith Kumar, The winner of the Kerala state film award for best story Mr. Kamal, writers like Ajay P. Mangattu, Famous Science writer, scriptwriter and novelist Jeevan Job Thomas, Cine artist Ramzan Mohammed, Adri Joe, Late. Kalabhavan Abi, Script writer Adarsh Sukumaran are some of our alumni.

Representation in Rajyasabha and Loksabha: Ex. M P Francis George, Deen Kuriakose M P from Idukki, Mathew Kuzhalnadan MLA from Muvattupuzha, and Antony John MLA are the College's alumni.

Alumni Contribution: A total of 1 lakh rupees was contributed by alumni during 2018-2023. In addition, 26 alumni scholarships were also awarded during the period.

The College ensures alumni participation through:

- Retired Teachers Forum
- Retired Non-teaching Staff Forum
- Registered Alumni Association with annual meetings and get-togethers
- Almashine
- Alumni Scholarship
- Alumni in Board of Studies
- Alumni in Sports
- Alumni representation in IQAC
- Regular department-level alumni get-togethers

File Description	Document
Provide the link for additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

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.

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.

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.

Initiatives for NEP implementation

The College presently offers 18 programs in science, six in humanities, five in commerce, and three in language to impart the multidisciplinary and interdisciplinary education envisioned in the NEP 2020. The autonomy granted by UGC in curriculum planning and implementation opens immense opportunities to explore new avenues in multidisciplinary education. The College decided to implement NEP from the academic year 2024-2025. The affiliating university and college have organized workshops concerning curriculum and syllabi restructuring.

Resource Mobilisation

The College relies on diverse funding sources and received grants from RUSA (500 lakhs), UGC (168.7 lakhs), DBT (65.59 lakhs), DST (23 lakhs), Kerala Sports Council (125 lakhs), and Khelo India (42.7 lakhs). The Association spent 862.52 lakhs, generated from philanthropists and other sources.

Decentralization and participation

The Principal is responsible for administration and overall discipline, makes necessary arrangements for

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	Document
Upload any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies are effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

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. The teaching-learning environment could enable 59% of

first-generation learners to progress to higher studies/placement.

The College mobilized 500 lakhs from RUSA, 424.99 lakhs from UGC/DST/DBT, and 862.52 lakhs generated from philanthropists as envisaged in the IDP. 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.

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 Swachchtha 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	Document
Upload any additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide the link for additional information	View Document

6.2.2

Institution implements e-governance in its operations. e-governance is implemented covering the following areas of operations:

1. **Administration including complaint management**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examinations**

Response: C. Any 2 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Institution performance appraisal system

The institution has a structured performance appraisal system for the teaching and non-teaching staff. The Manager (Secretary of the Mar Athanasius College Association) regularly interacts with students, staff, and other stakeholders and accepts suggestions and recommendations. In addition, the heads of the departments submit periodical assessment reports to the Principal. Teachers in charge of various Clubs/Forums/Cells also submit evaluative reports of various activities to the Principal. The Principal evaluates and communicates the reports to the Management for further action. A regular comprehensive evaluation of the performance of teachers by students is being practiced in the College. Student appraisals of teachers are carried out annually, and the appraisal report cards are communicated to the staff. Evaluations by alumni, academic experts, and parents on courses taught, infrastructure, library facilities, and teaching efficiency are also in place.

A confidential report about the faculty and staff was also submitted to the Principal by the Heads of the Departments for the consideration of promotion/career advancement. The Executive Committee of College Management discusses the appraisal reports and suggests measures based on the feedback received from the students and Department Heads.

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
- 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	Document
Upload any additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format (data template)	View Document

6.3.3

Percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDPs)/ Management Development Programmes (MDPs) during the last five years

Response: 32.61

6.3.3.1 **Total number of teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ *Management Development Programs (MDP)* during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
25	90	35	32	14

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format (data template)	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds other than salary and fees and the optimal utilisation of resources

Describe the resource mobilisation policy and procedures of the Institution within a maximum of 500 words

Response:

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 actively seeks RUSA (Rashtriya Uchchatar Shiksha Abhiyan)/PM USHA (Pradhan Mantri Uchchatar Shiksha Abhiyan) grants through competitive applications. All RUSA-funded projects and initiatives adhere to the guidelines set by the funding agency. The RUSA sanctioned rupees 500 lakhs for the infrastructure and general development of the College during 2018-2023. 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 maintains robust connections with alumni through a registered alumni association and mobilizes scholarship funds. Scholarships are awarded to meritorious students based on academic achievements and financial need. Selection criteria and the disbursement process are transparent as per the college's scholarship policy.

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.

The College encourages the active involvement of parents and teachers in mobilizing financial resources to meet infrastructural needs and contingencies.

The College Association provides financial contributions to support the institution's day-to-day operations. Funds from philanthropists and management are allocated for infrastructure development, maintenance, and expansion. In addition to infrastructure augmentation and maintenance, the College Association gives free accommodation and food to students with sports talents and spent 253.51 lakhs during the assessment period. The College maintains a transparent financial reporting system and ensures that management contributions are used efficiently and as intended. The college prioritizes transparency and accountability by regularly providing financial and progress reports to these funding agencies.

File Description	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

6.4.2

Funds / Grants received from government bodies, non-government bodies, and philanthropists during the last five years (not covered in Criterion III and V)

Response: 305.48

6.4.2.1 **Total Grants received from government/non-government bodies, philanthropists year wise during last five years *(not covered in Criterion III and V)* (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
78.33	0.40	19.98	70.77	136

File Description	Document
Institutional data in the prescribed format (data template)	View Document
Copy of the sanction letters received from government/ non government bodies and philanthropists	View Document
Annual audited statements of accounts highlighting the grants received	View Document

6.4.3

Institution regularly conducts internal and external financial audits regularly

Enumerate the various internal and external financial audits carried out during the last five years with the mechanism for settling audit objections within a maximum of 500 words

Response:

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.

Independent Third-Party Audits:

The college ensures that financial statements and books of accounts are maintained at the highest professional accounting standards. Independent third-party audits provide an objective and unbiased opinion on the fairness and adherence to accounting standards.

Through these meticulous financial auditing practices, the college ensures transparency, compliance, and effective utilization of funds, fostering a culture of accountability and sound financial management. The commitment to professional standards and external scrutiny contributes to the overall integrity and reliability of the college's financial operations.

Handling of Audit Objections:

The college's approach to handling audit objections is aligned with audit best practices, ensuring compliance with regulatory standards and fostering an environment of financial accountability. The Office of 'The Deputy Director of Collegiate Education' raises audit objections concerning the spending of amounts under various heads. Subsequently, the identified audit objections were subjected to a thorough clarification process. The Junior Superintendent of the office, along with the relevant accountants, actively engages in clarifying the positions under scrutiny. This includes providing detailed explanations, documentary evidence, and any relevant information to substantiate the college's standpoint. In cases where the clarification provided by the college was deemed unsatisfactory, a systematic remission process was initiated. Remissions are sought, indicating the acknowledgment of the

discrepancy and the commitment to rectify the identified issues. As part of the resolution protocol, the college expresses a commitment to reimburse any amounts deemed necessary by the audit authorities. Through this process, the college adheres to established audit standards and protocols.

File Description	Document
Upload any additional information	View Document

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) has contributed significantly for institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching-learning process, structures & methodologies of operations and learning outcomes, at periodic intervals

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of –

- **Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)**
- **Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)**

Describe two practices institutionalized as a result of IQAC initiatives within a maximum of 500 words

Response:

Over the past five years, our college has remained unwavering in its commitment to providing a conducive and enriching environment for the teaching-learning process.

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.

In 2015, our built-up area was 19,390.08 sq. mts., a figure that has impressively expanded to 31,771.84 sq. mts. today. This growth includes the construction of a new men's hostel, expansion of the ladies' hostel, and the addition of 2983.83 sq. mts. of learning space. Renovations and upgrades, championed by the IQAC, have transformed the Students' Centre into a world-class conference venue and revitalized the indoor stadium, embodying our commitment to excellence in every facet of campus life.

Recognizing the pivotal role of a robust library in academic success, the IQAC has significantly enriched our library resources. The college library now proudly houses 72,204 books, 38 journals, 52 periodicals, 210,164 e-books, and subscribes to 60,000 e-journals. This substantial investment, including the acquisition of 2,519 new books in the last five years, empowers students and faculty with a diverse array of learning materials, reinforcing our dedication to academic 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.

In the realm of e-Governance, our transition to paperless administration through ERP software Kris Inventa has streamlined various administrative processes. From admissions to student information management, attendance recording, exam reports, and communication, this technology integration has brought efficiency and transparency. Tools like Linways and Qn Smart contribute to academic management by efficiently handling the question bank, examinations, and academic records. DeQ, an accreditation software, supports the documentation required for accreditation processes, ensuring compliance with standards.

In financial management, the adoption of the latest version of Tally ensures accurate record-keeping and compliance with financial regulations. The establishment of a new college website and YouTube channel aligns with contemporary trends, enhancing our online presence and communication.

In summary, our college's holistic approach, encompassing infrastructure development, and technological integration, reflects a commitment to providing a comprehensive and high-quality educational experience.

File Description	Document
Upload any additional information	View Document

6.5.2

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Describe any two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC within a maximum of 500 words each.

Response:

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 monitored the effectiveness of these interventions through periodic assessments and feedback from both students and mentors. After the first internal examination, the student's progress is evaluated.

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. Mentors inspire students to apply for various research projects, scholarships, paper presentations, and competitive examinations and help them attain their academic and professional aspirations. Mentors suggest suitable MOOC courses, certificate programs, and other soft skills training sessions that can help the mentees become more industry-ready. Mentors play a crucial role in helping students explore career paths, set career goals, and make informed decisions about their future. They may provide insights into various industries, offer advice on internships and job opportunities, and assist with resume building and interview preparation. Apart from academic assistance, mentoring also offers emotional support, especially to the freshers joining the college or students who are struggling in their transition from school to college life or with the change in the medium of instruction.

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. The second round of result analysis is conducted twice a year in the Academic Council of the College. The results of the college are consolidated department-wise and analyzed. Heads of the Departments are requested to explain the results to the Academic Council. Centralized Result Analysis helps to examine the trends in the pass rates of students and make year-wise comparisons. Result analysis also allows IQAC to assess the performance of faculty members in terms of student outcomes. This information is useful for the management in designing faculty development programs aimed at enhancing teaching skills, incorporating innovative pedagogies, and staying abreast of emerging trends in education.

File Description	Document
Upload any additional information	View Document

6.5.3

Institution has adopted the following for Quality assurance*:*

1. **Academic and Administrative Audit (AAA) and follow up action taken**
2. **Conferences, Seminars, Workshops on quality conducted**
3. **Collaborative quality initiatives with other institution(s)**
4. **Orientation programme on quality issues for teachers and students**
5. **Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc**
6. **Any other quality audit recognized by state, national or international agencies**

Response: A. Any 5 or more of the above

File Description	Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

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 2018-2023
- Celebration of International Women’s Day
- Separate dining area in the College Canteen
- Above 50% enrollment of women in NSS and NCC

File Description	Document
Upload any additional information	View Document

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures
1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment
6. Wind mill or any other clean green energy

Response: A. Any 4 or more of the above

File Description	Document
Permission document for connecting to the grid from the Government/ Electricity authority	View Document
Geo-tagged photographs of the facilities.	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document

7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **e-Waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

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. Labeled garbage bins with proper color codes were distributed to all the classrooms, offices, departments, and labs to segregate waste and put the waste in appropriate bins.

NSS volunteers conducted the campaign for educating students reaching every department of the college. 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.

Waste collecting bins are placed in almost all nooks and corners of the campus, in the canteen, hostels, mess and washrooms to ensure proper waste disposal. Plastic waste goes to the red-coloured bin. 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	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geo-tagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or more of the above

File Description	Document
Green audit reports on water conservation by recognised bodies	View Document
Geo-tagged photographs of the facilities	View Document

7.1.5

Green campus initiatives include

Describe the Green campus initiative of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles , Pedestrian Friendly pathways , Ban on use of Plastic, landscaping with trees and plants etc in 500 words

Response:

Restricted entry of automobiles

- The College does not permit vehicle entry into the campus area. Separate vehicle parking facilities are provided to staff and students away from the main campus.

Battery powered vehicle

- The college owns an electric rickshaw as part of the institutional policy to promote environment-friendly vehicles and as an alternative to reducing fossil fuel usage. A charging point is made available to the staff and students for charging the electric-powered vehicles in the college premises.

Pedestrian friendly pathways

All the pathways in the main campus are tiled and well-maintained to ensure the easy mobility of students and staff from one wing of the building to the other.

Ban on single-use plastic

- The college campus is a single-use plastic-banned area, as per the notice circulated by The Secretary of the Mar Athanasius College Association on 18/12/2019. Carrying plastic bags, bottles, plates, and cups is prohibited. The college has initiated the circulation of 10,000 reusable cloth bags among students and shops in Kothamangalam Thaluk to replace plastic carry bags. Several plastic collection programs were conducted by the NSS and NCC units, and a plastic shredder is used to shred them. Waste bins are kept at different locations on the campus to collect plastic waste.

Landscaping with trees and plants

- The main campus is beautified with evergreen trees, palms, and ornamental plants.

Energy Conservation

The following measures are taken in the college to conserve energy:-

- All the instruments are regularly calibrated and serviced.
- UPS batteries are regularly serviced, and the damaged ones are replaced.

- A Steam Cooking System was installed in the Mar Athanasius Women's Hostel.
- Periodical awareness classes are being organized for the students in the classrooms and laboratories

Renewable energy:

- A bio-gas plant constructed at a cost of Rs. 90,000/- is functioning in the St. Mary's Ladies Hostel to recycle the organic waste from the canteen.
- Solar panels with a capacity of 120 kW are installed in the college.

Water harvesting:

- As a part of the eco-friendly drive, the college has set up a facility for rainwater harvesting at a cost of Rs. 270,934/-. The rainwater reservoir has a capacity of more than a million liters.

Efforts for Carbon neutrality:

- 100 different species of medicinal plants are growing in cement pots nurtured by the nature club students. The pots are kept on the campus to promote awareness among the students about the use of medicinal plants.
- A Miyawaki forest was nurtured on the campus in collaboration with the Kerala Forest Department.
- A RET (Rare, Endangered, and Threatened) species garden is maintained on the campus.
- A handbook on medicinal plants 'Jeevajalakam' was published by the students
- A tree park was established and named as 'M. P. Varghese Tree Park' is on the college campus to commemorate the late Prof. M.P. Varghese, former Secretary of Mar Athanasius College Association, Kothamangalam. The park aims to conserve the rare and endangered species of trees. Recently, different species of 'Nakshathra' plants have also been planted in the park.

File Description	Document
Policy document on the green campus/plastic free campus	View Document
Geo-tagged photographs/videos of the facilities	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.6

Quality audits on environment and energy are regularly undertaken by the institution

The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environmental audit**
2. **Energy audit**
3. **Clean and green campus recognitions/awards**
4. **Beyond the campus environmental promotion and sustainability activities**

Response: A. All of the above

File Description	Document
Report on environmental promotion and sustainability activities conducted beyond the campus with geo-tagged photographs with caption and date.	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document

7.1.7

The Institution has Differently-abled (Divyangjan) friendly, barrier free environment

Write description covering the various components of barrier free environment in your institution in maximum of 500 words

- **Built environment with Ramps/lifts for easy access to classrooms**
- **Divyangjan friendly washrooms**
- **Signage including tactile path, lights, display boards and signposts**
- **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- **Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response:

To make the College Divyangjan friendly, the following facilities are provided on the campus:

- Ramps in most of the buildings.
- Lift facilities in the main campus and library.
- Divyangjan-friendly washroom in the main campus.
- Wheelchair availability to physically disabled students.
- Display boards on the main corridors, an enabling unit.

- Human assistance for enquiry and information.
- Scribe facility for needy students to write the end-semester examinations.
- A learning space is provided in the library with the support of software such as Kibo and Jaws and Braille materials for visually challenged students.

Besides this, library staff assist visually challenged students in searching the net resources. They help the students use magnifying options like lens, zoom, and dock in various search engines for easy information retrieval.

File Description	Document
Upload any additional information	View Document

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and such other diversities (within 500 words).

Response:

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.

Participation of students in academic and non-academic activities from various schools, colleges, and universities inside and outside the state develops a harmonious and tolerant understanding of the different cultures and belief systems. To ensure inclusiveness of the socially and economically backward students in the campus, financial support is provided through scholarships and freeships. 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	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9

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

Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 500 words.

Response:

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.

Duties and responsibilities of citizens

- 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.

- ‘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	Document
Details of activities that inculcate values necessary to nurture students to become responsible citizens	View Document

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The institutional Code of Conduct principles are displayed on the website**
2. **There is a committee to monitor adherence to the institutional Code of Conduct principles**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Policy document on code of ethics.	View Document
Handbooks, manuals and brochures on human values and professional ethics	View Document
Document showing the Code of Conduct for students, teachers, governing body and administration as approved by the competent authority.	View Document
Constitution and proceedings of the monitoring committee.	View Document
Circulars and geo-tagged photographs with date and caption of the activities organized under this metric for teachers, students, administrators and other staff	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

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

Objectives
To inculcate scientific temper and secular thinking among the students, research scholars, and faculty.
To promote research culture among the academic fraternity.
To familiarize the students and teachers with handling sophisticated instruments.
To publish articles in reputed peer-reviewed journals and participation and presentation in conferences.
To extend science familiarization programs in the neighboring village student community.

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. This also aims to inculcate quality research that contributes to academic excellence and social impact and to facilitate consultancy services that engage the college with the stakeholders.

The Practice
The College is interested in popularizing scientific temper among stakeholders by adhering to the Nation’s scientific policy.

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. The College management is committed to constructing the infrastructure facilities to accommodate modern equipment and spent 566.30 lakhs on maintenance during 2018-2023. Students and scholars are encouraged to use the facilities to conduct frontline research.

The College organizes international and national conferences to interact with eminent academicians of international repute in science and humanities and to inculcate a scientific temper. Six international conferences were organized during 2018-2023.

Science popularization workshops/exhibitions/quizzes/debates/presentations etc., are conducted for the students of neighboring schools and colleges with the financial support of KSCSTE.

The College's Science Forum regularly conducts activities on National Science Day, Ozone Day, World Environment Day, etc., to inform the fraternity of the importance of science and logical thinking.

A research committee, research advisory committee, and ethics committee scrutinize all the stakeholders' research activities. The college motivates teachers and students to prepare and submit individual research project proposals. All science students are trained in different sophisticated instruments. The College also provides seed money to teachers to promote research in every discipline.

Evidence of Success
The student community undertook several Postgraduate research projects, Undergraduate research projects, and 98 MoU's/linkages during 2018-2023. 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 151 research papers and 59 books/book chapters. Students are encouraged to undergo certificate courses in modern analytical techniques.

Problems encountered and resources required
Heavy financial burdens recur on the maintenance and calibration of sophisticated instruments and the cost of chemicals and reagents.The burden of academics discourages faculty and students from extending research to the neighboring community.

2. Lifestyle consciousness in everyday life for environmental protection

Objectives
To nurture and promote the spirit of environmental consciousness.
To inculcate a sense of responsibility for environmental conservation.
To attain a green, sustainable, and supportive environment.
To inculcate healthy food habits and lifestyle.

The Context
The College is committed to fostering environmental sustainability and promoting a culture of environmental responsibility among all stakeholders, as per its green policy. This policy outlines the principles, guidelines, and initiatives to create and maintain an eco-friendly campus in alignment with the Nation's environmental regulations and global sustainability goals.

Practice

The College creates and maintains an illustrious landscape inside the Great Quadrangle with many endangered and medicinal plants. A medicinal plant garden, Miyawaki forest, tree park, and rare and endangered plant (RET) garden are also nurtured on campus to educate students about the importance of afforestation and conservation of biodiversity. 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.

The College initiated an organic vegetable farming project with financial support in collaboration with the Kerala Agriculture Department.

Biogas and wastewater treatment plants were installed on the campus with financial assistance from management.

The College signed an MoU with Gensolar Energy Private Limited to install a 120 KW grid-tied rooftop solar power plant. It also installed sensor taps, sensor lights, LED lights, and tubes.

The College promotes using nature-friendly materials instead of non-renewable plastic carry materials.

Celebrating international and national days of environmental significance and awareness programs on nature conservation.

The College has an energy management cell that coordinates its energy conservation awareness programs. Energy audits and green audits are conducted regularly.

Postgraduate and Undergraduate students are encouraged to carry out projects based on energy conservation.

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 (NRISG) on the following parameters. (a) Green cover on campus (A+), (b) Surface water harvesting (A), c) Rooftop water harvesting (A), (d) Rooftop solar system (B+), and (e) Waste management (A).

The College was also conferred with the prestigious ‘District Green Champion Award’ instituted by Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Digital Education, Ministry of Education, Government of India, in recognition of various activities and achievements in the fields of water conservation, cleanliness, and successful implementation of the Swachhata action plan during 2021.

Problems encountered and resources required
Through regular reminders of the need for environmental protection, stakeholders are using easily accessible, cost-effective materials. In-house centralized waste management mechanism for the entire campus (water, e-waste and solid)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

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.

The college provides a platform, adequate infrastructure, and professional training for the selected students to excel in sports, enabling them to participate in various intercollegiate, state-level, national, and international events. By providing the best trainers and coaches, incentives, and student scholarships, the college has created a generation of creative and active participants in all sports activities.

Infrastructure facilities

The infrastructural facilities consisted of a football field of 110x75 m, two volleyball courts (including wooden and mud), two basketball Courts (including wooden and concrete), three badminton Courts (wooden), a 320 m training track with two jumping pits, high jump mat and all throwing sectors with fencing and floodlit facility, multi-purpose indoor stadium (11,000 sq. ft.), indoor shooting range 30x20x4m, eight-lane swimming pool with the dimension of 50x25x2m, fitness center and weight training hall, cricket field, two cricket indoor nets, handball court, two hills for training, and boys and girls warm-up area.

Financial support

The College gives free accommodation and food to students with sports talents and spent 253.51 lakhs during 2018-2023. 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.

Coaches

Eight coaches are appointed by the college, and two by the Kerala Sports Council. The government also supports two full-time faculty members in the Department of Physical Education.

Awards/Recognitions

•The college has proven its mettle in sports events by winning the Best Sports Performance Trophy of the Malayala Manorama Daily for the Academic years 2019-2020 and 2021-2022.

Achievements in Athletics/Games

•The College Athletic Team won the men's and women's championships in the College Games organized by the Sports Council of Kerala in 2013 and 2021.

•In the Mahatma Gandhi University athletic meet, the college athletic team became champions in the men’s section in the years 2006, 2007, 2008, 2010, 2011, 2012, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021 and 2022 (fifteen times) and was runner up twice - in 2005, 2009 and 2015. The College also became the champion in the women's section in 2021 and runners-up in 2020 and 2022. The College athletic team also won the Championship for men in the College games organized by the Sports Council of Kerala in 2015 and 2017.

•The College won the University football championships in 1997, 1998, 2000, 2002, 2004, 2008, 2009, and 2012 (eight times) and was runners-up in 1996, 1999, 2001, 2005, 2011, 2013, 2015, 2017, and 2022 (nine times).

•The College was also the University champion in volleyball in 2007, 2011, 2012, and 2019, runners-up twice in 2008 and 2009, and second runner-up in 2010.

•The college won the University cross country championship in the men's section in 1995, 1999, 2007, 2010, 2016, 2017, 2018, 2019, 2020, 2021, and 2022 and was runner-up thrice in 2006, 2008, and 2009. The women's section won the University championship in 2022 and was runner-up in 2020 and 2021.

In the past five years, several students have won medals or trophies in international, national, state, and regional events.

Inernational participation

Anilda Thomas and Gopi T represented India in the Rio Olympics 2016. Two students represented India in the World Military games held at Korea in Volleyball 2016. In addition our students represented India in Commonwealth Asian track and Field Game held at Indonesia, 2017, World Military Games held at Korea in 2015, Junior SAF Athletic Meet held at Ranchi 2013, Asian Grant Prix Series held at Pune 2013, Common wealth Chess Championship held at Chennai in 2013, World Police games in Long Jump, Asian Track and Field Meet held at China in 2012, World Arm Wrestling Championship held at Spain in 2012, Commonwealth Game held at Delhi, 2010, South Asian Federation Games held at Dhaka 2009, Asian Indoor Games held at Hanoi, Vietnam, in November 2009, and International Meet held at Incheon, South Korea, 2008.

International achievements during 2018-2023
•One Gold, one Silver, and one Bronze medal and two participation in 2019-20
•Three Gold medals in 2021-22
•One gold and one Silver in 2022-23

National-level medals during 2018-2023
•Four Gold, three Silver and three Bronze medals in 2018-19
•11 Gold, six Silver and 17 Bronze medals in 2019-20
•Two Gold, seven Silver and one Bronze medals in 2020-21
•13 Gold and six Bronze medals in 2021-22
•Five Gold, five Silver and one Bronze medal in 2022-23

Financial Resources
•The Management spent rupees 47.04 lakhs in the years 2018-2019, 54.34 lakhs in the years 2019-2020, 20.91 lakhs in the years 2020-2021, 51.61 lakhs in the years 2021-2022, and 79.53 lakhs in the years 2022-2023 to enhance sports on the campus.
•Khelo India awarded rupees 11.74 lakhs in 2019-2020, 1.44 lakhs in 2020-2021, 2.80 lakhs in 2021-2022, and 26.71 lakhs in 2022-2023.
•Kerala Sports Council sanctioned rupees 52.18 lakhs in the years 2018-2019, 37.25 lakhs in the years 2019-2020, 15.30 lakhs in the years 2020-2021, 7.33 lakhs in the years 2021-2022, and 12.92 lakhs in the years 2022-2023.
•The Sports Authority of India also instituted various sports scholarships. Facilities, such as the indoor shooting range and swimming pool, were created with the support of UGC.
The saga of Mar Athanasius College is one of the never-ending journeys with new landmarks conquered in quick succession.

File Description	Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

NAAC third cycle recommendations and actions taken

Expedite the appointment of Principal: A regular permanent Principal (Prof. Dr. Manju Kurian) is appointed with effect from 9th January 2023.

Create a centre for research in more arts and science subjects: Two Research Centres, one in Mathematics, started in 2022 and one in Commerce in 2023, started functioning. Proposals for starting research centres in English and Botany have been submitted to the affiliating University in 2023.

Explore the possibility of starting a fine arts faculty and introduce new courses on travel and tourism, mass media, and insurance studies: Introduce four new job-oriented programmes, M. Sc. Integrated Programme in Basic Sciences - Biology, M. Sc. Data Analytics, B.Voc Data Analytics and Machine Learning, B.Voc Business Accounting and Taxation in the year 2020

Faculty should publish in more refereed international journals: 152 research papers have been published in peer-reviewed and refereed national and international journals and 59 book/book chapters.

Faculty should attempt major and minor research projects from external sources: Ten research projects and 40.34 lakhs as research funding received by the institution and its faculties through Government and non-government sources.

Streamline conditions for service of temporary / guest faculty: All efforts are made to appoint qualified and experienced faculty.

Alumni associations should be registered and utilised for the improvement of teaching: We have a registered alumni association (Reg. No. ER 115/2002) and rupees 104000/-amount received as scholarships for the students.

Create accommodation facilities for boys: A boys' hostel is constructed with the financial support of 150 lakhs from RUSA -Component 8

Strengthen career guidance and on-campus recruitment: 59% of students placed and progressed during 2018 – 2023.

Consider setting up a community college: Could not be materialised.

Concluding Remarks :

The institution restructured its curriculum and syllabi, which enabled the students to take on the challenges and possibilities of the time. The college's curriculum and syllabi are designed to achieve its vision, mission, objectives, and graduate attributes as envisioned in NEP. It offers 735 courses across 32 programs.

The college has a transparent online admission process. Entry-level tests and bridge courses are conducted for newcomers. Advanced learners are given ample opportunities. Assistive technology and scribe support are given to Divyangjan students. The student-full-time-teacher ratio is 16:1. 58% of the teachers are Ph.D. degree holders. It follows student-centric learning methods and adopts mentor-mentee schemes to address academic and other issues. The College publishes and adheres to an academic calendar, and has a transparent examination process and publishes the results on time.

The college spent 64.93 lakhs on equipment and 63.49 lakhs allocated as seed money for research. Ten teachers received 40.34 lakhs for research. Five research centres exist, two of which were recognized during the period. There are 14 research guides and 23 Ph.D students. 152 papers and 59 books/book chapters were published. There are 98 MoUs/linkages/collaborations, 18 internships, 64 collaborative research projects, and 16 training programs.

There are 77 classrooms, 10 of which are smart classrooms, 18 with interactive panels, 36 with projectors, seven computer labs, and 22 science labs. 566.3 lakh was spent on infrastructure maintenance during 2018-2023. The management has established processes and procedures for mobilizing resources, planning, and allocation. The College mobilized 1787.51 lakhs during 2018-2023.

52% of students received scholarships, including 190.99 lakhs of rupees in sports scholarships. 78 students benefited from the faculty and alumni.

A grievance redressal mechanism functions according to UGC norms. 59.11% of students were placed/progressed, 133 qualified in national-level examinations, and 391 won medals in sports/cultural activities.

IQAC has mentored five institutions for NAAC accreditation with the financial support of the UGC-Paramarsh Scheme.

The College takes adequate steps to impart education among the students to ensure women's empowerment and envisions open accessibility and equal opportunity. To create environmental consciousness, the students involved in Swachh Bharath Abhiyan, Puneet Sagar Abhiyan, Plogging, etc.

6.ANNEXURE

1.Metrics Level Deviations

<table>
<tr><td>Metric ID</td><td>Sub Questions and Answers before and after DVV Verification</td></tr>
<tr><td>1.4.1</td><td>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc., and Feedback processes of the institution may be classified as follows:

Answer before DVV Verification : A. Feedback collected, analysed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website
Answer After DVV Verification: C. Feedback collected and analysed
Remark : DVV has made changes as per supporting's shared by HEI and feedback has been collected and analyzed as per below link https://naac.macollege.ac.in/2023/item/404?items///141-structured-feedback-for-curriculum-and-its-transaction-is-regularly-obtained-from-stakeholders-like-students-teachers-employers-alumni-academic-peers-etc-and-feedback-processes-of-the-institution-may-be-classified-as-follows</td></tr>
<tr><td>2.1.1</td><td>Enrolment percentage

2.1.1.1. Number of seats filled year wise during last five years (Only first year admissions to be considered)
Answer before DVV Verification:
<table>
<tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr>
<tr><td>820</td><td>852</td><td>803</td><td>657</td><td>699</td></tr>
</table>
Answer After DVV Verification :
<table>
<tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr>
<tr><td>818</td><td>835</td><td>802</td><td>655</td><td>696</td></tr>
</table>
2.1.1.2. Number of sanctioned seats year wise during last five years
Answer before DVV Verification:
<table>
<tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr>
<tr><td>991</td><td>991</td><td>939</td><td>737</td><td>741</td></tr>
</table>
Answer After DVV Verification :
<table>
<tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr>
<tr><td>991</td><td>991</td><td>939</td><td>737</td><td>741</td></tr>
</table>
Remark : DVV has made changes as per the report shared by HEI</td></tr>
<tr><td>2.1.2</td><td>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</td></tr>
</table>

2.1.2.1. **Number of actual students admitted from the reserved categories in the first year of the programme year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
199	199	188	169	193

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
187	160	188	203	199

2.1.2.2. **Number of seats earmarked for reserved category as per GoI/State Govt. rule year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
257	255	236	221	221

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
202	202	236	256	257

Remark : DVV has made changes as per the report shared by HEI

2.5.1 **Average number of days from the date of last semester-end/ year- end examination till the last date of declaration of results during the last five years**

2.5.1.1. ***Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years***

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
31	37	35	43	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
31	37	35	43	24

Remark : DVV has made necessary changes as per prescribed format shared by HEI.

3.1.2 **The institution provides seed money to its teachers for research**

3.1.2.1. **Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
3.0	0.62	0	0	59.87

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
3.0	0.62	0	0	0

Remark : DVV has considered input value as "0" for 2018-19 as there is no appropriate supporting's shared for the AY 2018-19

3.2.1 **Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)**

Answer before DVV Verification :
Answer After DVV Verification :12.50

Remark : DVV has made necessary changes as per supporting documents shared by HEI and considered grants as per latest five years

3.2.2 **Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years**

3.2.2.1. **Number of research projects funded by government and non-government agencies during the last five years.**

Answer before DVV Verification : 10
Answer after DVV Verification: 01

Remark : DVV has made necessary changes

3.4.1 **The Institution ensures implementation of its stated Code of Ethics for research.**

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

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committee (Animal, Chemical, Bio-ethics etc.)
3. Plagiarism check through software
4. Research Advisory Committee

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. Any 3 of the above

Remark : DVV has selected 3 of above as we have not received Plagiarism check through software

3.4.3 **Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years**

3.4.3.1. **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Answer before DVV Verification : 152

Answer after DVV Verification: 78

Remark : DVV has made neecssary changes

3.7.1 **Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years**

Answer before DVV Verification :

Answer After DVV Verification :37

Remark : DVV has made changes as per prescribed format shared by HEI and values have been downgraded as those MOU less than 5 days.

4.1.2 **Percentage of expenditure excluding salary, for infrastructure development and augmentation year wise during the last five years**

4.1.2.1. **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
378.44	44.13	36.54	88.49	52.47

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
247.57	11.89	25.31	62.21	15.80

Remark : DVV has made neecssary changes .

4.4.1 **Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years**

4.4.1.1. ***Expenditure incurred on maintenance of physical facilities and academic support facilities of DDE and total expenditure excluding salary, year - wise, over the last five years (INR in lakhs)***

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
171.23	115.15	92.73	116.06	71.13

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
2.88	32.03	13.44	22.81	3.85

Remark : DVV has made necessary changes.

5.2.2 **Percentage of students qualifying in state/ national/ international level examinations out of the graduated students during the last five years**

(eg: NET/SLET/ Civil Services/State government examinations etc.)

5.2.2.1. **Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.) year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
23	25	35	26	24

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
16	11	12	02	00

Remark : DVV has made necessary changes.

5.3.1 **Number of awards/medals for outstanding performance in sports/cultural activities at University / state /national / international Level events during the last five years**

5.3.1.1. **Number of awards/medals for outstanding performance in sports/cultural activities at University / state / national / international level events (award for a team event should be counted as one) year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
175	141	13	41	21

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
36	37	09	05	12

Remark : DVV has made necessary changes.

6.2.2 **Institution implements e-governance in its operations. e-governance is implemented covering**

	the following areas of operations: 1. **Administration including complaint management** 2. **Finance and Accounts** 3. **Student Admission and Support** 4. **Examinations** Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above Remark : DVV has made changes as per the report shared by the HEI
6.4.2	**Funds / Grants received from government bodies, non-government bodies, and philanthropists during the last five years (not covered in Criterion III and V)** 6.4.2.1. **Total Grants received from government/non-government bodies, philanthropists year wise during last five years *(not covered in Criterion III and V)* (INR in Lakhs)** Answer before DVV Verification: 2022-23 | 2021-22 | 2020-21 | 2019-20 | 2018-19 327.24 | 158.63 | 128.18 | 461.2 | 291.61 Answer After DVV Verification : 2022-23 | 2021-22 | 2020-21 | 2019-20 | 2018-19 78.33 | 0.40 | 19.98 | 70.77 | 136 Remark : DVV has made changes as per audit report shared by HEI

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of students on rolls year wise during last five years** Answer before DVV Verification: 2022-23 | 2021-22 | 2020-21 | 2019-20 | 2018-19 2083 | 2035 | 1889 | 1751 | 1840 Answer After DVV Verification: 2022-23 | 2021-22 | 2020-21 | 2019-20 | 2018-19 2071 | 1999 | 1866 | 1730 | 1816
2.2	**Total number of full time teachers worked/working in the institution (without repeat count) during last five years:** Answer before DVV Verification : 78

Answer after DVV Verification : 122

3.1 **Total expenditure excluding salary year wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1132.45	895.16	580.55	975	796.76

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1132.45	876.30	580.55	1001.47	853.54