



SELF STUDY REPORT

FOR

5th CYCLE OF ACCREDITATION

MAR IVANIOS COLLEGE (AUTONOMOUS)

**MAR IVANIOS VIDYA NAGAR NALANCHIRA P. O. THIRUVANANTHAPURAM
695015**

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Mar Ivanios College owes its existence to the far-sighted vision of the Servant of God Archbishop Geevarghese Mar Ivanios of Trivandrum. Started in 1949 as a College affiliated to the erstwhile University of Travancore, it stands affiliated to the University of Kerala since 1957 and currently runs under the patronage of Basilio Cardinal Cleemis Catholicos, Major Archbishop of Trivandrum, with Rev Fr Vincy Varghese as Principal. The College, which had a humble beginning with 145 students 75 years ago, currently has more than 3000 students on rolls, offering 18 Degree Programmes in 15 disciplines, which also include career and skill-oriented programmes along with the traditional basic science and arts programmes. There are also 9 PG programmes, and in its endeavour to achieve excellence in academics, the Institution has established Research Centres in 6 PG Departments, and awaiting approval for the next in Statistics.

Mar Ivanios College is the first Institution in the University of Kerala to receive accreditation from the National Assessment and Accreditation Council (NAAC) in 1999, and was re-assessed and re-accredited with 'A+' Grade in the fourth Cycle in 2019. It is the first Private College affiliated to the University of Kerala to receive the status of CPE (College with Potential for Excellence) from the UGC. DST recognised the college through FIST support three times - in 2008, 2010 and 2017. In 2009 the ISRO selected the college for conducting laboratory courses for IIST for 4 years. In 2011 DBT conferred the college with the award of 'Star College' and the same has been re-awarded in 2023. The College had been accredited as a Cambridge University Business English Certificate Training cum Examination Centre and certified by the Cambridge University as a Preparation Centre for all Cambridge University ESOL Examinations.

The college was conferred with Autonomy status by the UGC from June 2014 among the first group of autonomous colleges from the state and has been functioning smoothly and successfully as an autonomous college for the last 10 years. The college also bagged a position among the first 50 in the NIRF ranking (Colleges) for the last six consecutive years, getting 45th rank in NIRF 2023. Mar Ivanios College is also a Mentor College selected under UGC PARAMARSH and NAAC MARGADARSHAN Schemes and is the only college in the University of Kerala with this honour. So far the college has been officially mentoring 11 colleges under these schemes, and also offering NAAC Accreditation services to more than 35 colleges, which include 6 colleges in the North East India region. The college has also registered under the Study in India Programme (SIP) of the MoE. Govt of India, in our effort to open up avenues for global education.

The college also is a Learner Support Centre of Indira Gandhi National Open University (IGNOU) since 2000 with currently 12302 students, and of the Sree Narayana Guru Open University, Kerala, since 2022, with a student strength of 510. The college is also an official exam centre of various national level competitive exams like CA Foundation, NBHM, JEST, ISRO, etc.

In its selfless and pioneering service for the nation, the college has expressed its willingness in official format to be upgraded to a Deemed to be University. As part of its constant efforts for quality maintenance and improvement, this Self Study Report is prepared as per NAAC format.

Vision

Mar Ivanios College (Autonomous) functions with the noble motto from the Bible “VERITAS VOS LIBERABIT” (Truth shall liberate you). Liberation, in its various forms and strata, is what human beings aim at both at personal level and at societal level. The pathway to liberation is attainment of Truth. Truth encompasses all pursuit for wisdom and knowledge. The College stands for the search for the ultimate truth, through various means of scientific, moral and spiritual knowledge.

Synchronous with the motto, the college has taken as its vision "To be an internationally recognized institution of excellence in higher education, inculcating the values of truth and charity, for the protection and promotion of human dignity and of a cultural heritage, through teaching, research, and extension services offered to society". To live together in harmony, at human level and in harmony with the rich biodiversity and the nature, is a strong pillar of education and charity symbolizes everything that contributes to the commitment of one for the good of others and the nature at large, with its rich biodiversity of flora and fauna. In short, Mar Ivanios College (Autonomous) aims to impart the search for knowledge, in the broad pursuit of truth, and the selfless commitment of one for the welfare of the whole universe. We believe in the rich Indian tradition of "**Vasudhaiva Kutumbakam**". We believe that attainment of truth and charity can do away with all bigotries and divisions and can create one family of humans and the living and non-living organisms of the nature.

Mission

In order to achieve the vision, the college has set the following Mission:

1. To produce intellectually trained, morally upright, socially committed, spiritually inspired and ecologically conscious young men and women, irrespective of caste, creed, gender or nationality
2. To create a vibrant academic community known for its innovation, intellectual rigour and social commitment through internationally validated teaching-learning, research, co-curricular and outreach processes in the faculties of Arts, Science and Commerce
3. To ensure the academic, social, and spiritual development of students who belong to the Malankara Syrian Catholic Church into responsible citizens of India and the world, thus actualizing the dreams of the Venerable Founding Fathers.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- A pioneer institution situated in the capital city of Kerala with a rich legacy and tradition of excellence in higher education for 75 years.
- A college founded and managed by an efficient, experienced, and visionary management which is the Malankara Syrian Catholic Major Archdiocese of Trivandrum and the college is the flagship institution of the entire church.
- A reputed and sought after autonomous college with solidly and strongly established systems of academics, examinations, administration, research, extension, etc.
- The college has a cross cultural academic environment, complemented with countless opportunities for co-curricular activities and provide ambience conducive for education with no loss of working days.
- It has a very laudable pass percentage, student-teacher ratio, extra-curricular performance, graduation outcome, student placement etc., with our students topping the sports, literary, arts and cultural events of the University/State.

- The college has a long tradition of grooming many international/national sports persons and gives adequate priority to sports.
- The college tops and excels in research among the Arts and Science colleges across the country, as is evidenced from the NIRF ranking for the last 6 years. A strong research culture is evident in the number of research publications, projects, patents, collaboration/linkages, consultancy, invited talks, PhD awardees, independent research laboratories, major instrumentation/ infrastructure facilities, collaboration with institutes of national importance, international exposure of faculty, etc.
- Constant association in academics, research, and internship with major National institutions like ISRO, IIST, CSIR-NIST, ICAR, DST, IISER, RGCB, etc,
- A reputation built over 7 decades, the profile of alumni who adorn excellent walks of life across the world, academic profile of the faculty, demand ratio and the potential of students are also our strengths.
- ICT enabled lecture halls, library, computer labs, modern science laboratories, AC seminar halls and auditorium, Wi-fi-enabled campus, offer facilities for student community.
- Orientation for freshers, add-on/skill oriented/ certificate courses, Business English centre of Cambridge University, performance in FLAIR, ASAP, WWS and SSP programmes also are our achievements.
- The college provides numerous avenues for extension and outreach activities. 3 wings of the NCC, and 2 units of the NSS are vibrant and highly active in the college.
- The major segments of academic, administrative, admission and examination related exercises are fully e-governed. The automated office of the CoE has ensured the quality of the student evaluation and on time publication of results.
- Grievance redressal mechanisms and full-time counselling services are also successful activities of the campus.
- Comprehensive Green protocols have been successfully implemented.
- The college has been able to start more skill-based programmes like BSc Physics with machine learning, MSc Statistics with specialization in data analytics, etc. during the assessment period.
- The college has offered mentoring in quality maintenance and accreditation matters to more than 35 colleges across the country, including 6 colleges in the North East India region.
- UGC has identified the college eligible for upgradation to be a Deemed to be University status.
- The college completed the first cycle of autonomy most successfully and the UGC Committee for the Extension of autonomous status to the college unanimously recommended extension of autonomy till 2027.

Institutional Weakness

A few weaknesses of the college would include:

- Shortage of adequate number of choice based inter-disciplinary courses, dual degrees and twinning programmes for UG/PG students.
- Having not been able to start PG programmes in disciplines like Botany, Biotechnology, Economics, Journalism, etc.
- Having not been able to offer coaching for international tests like TOEFL, IELTS, GRE, GMAT, etc.
- Limited research publication and conference participation by PG students,
- Limited number of global level research projects won by the faculty due to various constraints.
- Not many students from other states and foreign countries.
- Faculty not adequately equipped enough for offering consultancy and corporate training in own and allied disciplines.
- The diminishing number of highly experienced and senior faculty at Associate Professor and Professor

level due to retirements.

- Have not been able to achieve 100% PhD faculty as envisioned in the recent years.
- Faculty retention issues in the self-finance section of the college, as faculty may move to more stable and permanent positions.
- Further expansion of solar energy initiatives could have been undertaken.

Institutional Opportunity

- Being a Christian minority institution committed to whole person education and service learning, the college could take a lead role in integrating value-based education, extension activities, and community service into the syllabus to mould students fulfilling the vision of the college.
- The Cardinal Cleemis Centre for Innovation and Entrepreneurship (b-hub) established in the Vidyanagar campus provide technical expertise for startup activities for students, teachers, and researchers thereby transforming technology into products.
- As there are leading Engineering, Training, Physiotherapy and Law colleges and an ITI in the campus run by the same management, the students of our college could have more interdisciplinary and cross subject courses and trainings.
- Students can utilize, for their projects and internship, the research facilities and libraries at the reputed institutions in the city like VSSC, IIST, IISER, NCESS, NIIST(CSIR), CDS, CDIT, RGCB, JNTBGRI, CTCRI etc, using the close association of Mar Ivanios College with these institutions.
- The institution can grow further to the level of a Deemed to be University because of the strength of the faculty, infrastructure, the quality of education and the moral values being practiced. The college has already been shortlisted for the same.
- In the model of the successful BCom (Accounts & Audit) programme introduced by the college to cater specially to students interested in CA programmes, the College has the potential to start similar skill and job oriented /programmes,
- As Kerala is a major tourist hub, and by policy tourism is a manjor industry, and the college being in the capital city, the dept of Tourism and many other departments could offer the best of services due to college's strategic location (International Airport, Vizhinjam International Port, Global tourist destinations like Kovalam, Varkala, Kanyakumari, etc.).
- The college has a large pool of reputed alumni who are placed at various prominent positions across the globe. With the support of alumni and corporate network the college can enhance placements globally.
- College can strengthen research with more MoUs for collaborative research and teaching with highly reputed institutions at national and international level.
- The research proficiency of the college can be adapted for development of rural infrastructure and needs of the poor.

Institutional Challenge

The major challenges encountered by the college are:

- Attracting international faculty members for permanent/temporary teaching assignments.
- The current disproportionate faculty pattern (Professors: Associate Professors: Assistant professors) due to the ban on appointments in the first decade of the century.
- A good number of faculty on contract needs to be appointed every year on an annual contract basis as the Government does not allow permanent faculty for anything less than 16 hours of teaching a week.
- Bridging the marked gap between slow learners and advanced learners. The college has students from various levels of academic capabilities and also various motivational levels.
- Unable to exercise the full potentials of autonomy as envisaged by the UGC due to various restrictions by the Government/ affiliating University. Mainly, difficulty in starting new programmes, either in aided or unaided streams or even to increase the number of seats as per demand and facilities.
- Community out-reach activity has not been achieved as envisioned due to the limited time.
- Balancing the academic schedule between theoretical learning and practical training.
- Organising and getting the participation for competent and mandatory teacher training suited to the current learning and technological environment/advancement of students;
- Lack of adequate funding for infrastructure development from various sources.
- To get back to academic normalcy and schedule after the pandemic and post pandemic affected academic environment.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Having its beginnings in small numbers, Mar Ivanios College (Autonomous) today towers as a reputed institution of higher learning in the capital city of Kerala with currently 3200 UG/PG students, 136 PhD scholars and 149 faculty members on its rolls. The college runs 18 UG and 9 PG programmes and 6 PG departments (English, Commerce, Mathematics, Physics, Chemistry, Zoology) are approved research departments. The application for the research department of Statistics is under process and almost nearing finalisation. The statutory bodies of Boards of Studies (15 number) and Academic Council have been constituted and meet on a regular basis for the preparation and revision/upgradation of curriculum. The Governing Council which meets twice a year approves/ratifies the decision taken in the other bodies which include various administrative policies outlined. Out of a total of 849 courses which are offered across all programmes, 353 (41.58%) have been new courses introduced during the last five years. The College recognizes the need for aligning students with the transformative pace of development of India and every effort is made to harmonize the trajectory of innovative courses and programs with the national, civilizational, cultural trajectories and development policies to develop motivated, patriotic and self-reliant citizens who will carry forward the pace of progress of the nation. The programmes are designed with a focus on employability, entrepreneurship, and skill development. The emphasis on employability is evident through industry partnerships, and integration of soft skills training. It is a matter of great pride that the BCom (Accounts&Audit) programme started in 2018 as part of the autonomy, has so far helped to qualify the following number of students: 85 in CA Foundation, 34 in CA Group I and 19 in CA Inter, which is to the best of our knowledge above the national averages. A dissertation in the final semester for all the programmes allows students to apply learned tools, conduct systematic studies and present structured project reports, providing practical problem-solving experience. The program aims to equip students with critical thinking, problem-solving, and forecasting skills, reflecting a paradigm shift in the job market's emphasis on employability skills over high academic achievements. The curriculum across various programs highlights the importance of gender, environmental sustainability, human values and professional ethics as per NEP 2020 and overall, the curriculum aims to instil ethical values, environmental responsibility and awareness of social issues

in students. It is worth mentioning that a course on environment studies is offered for all UG students, which involves also a field study and practical assignment. In order to augment the curricular structure, the students of the college undertake adequate number of certificate/value added courses/Diploma Programmes, majority of which are offered by the faculty of the college themselves. In its effort to continuously update the curriculum with the most relevant content, structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc., and Feedback is analysed, action taken, communicated to the relevant bodies and summary of the feedback is posted on the college website.

Teaching-learning and Evaluation

Mar Ivanios College (Autonomous) has a very effective and systematic teaching- learning process catering to the students of varying and differential learning levels. The college has a very systematic and completely online application process. The enrolment percentage is very high, with more than 96% in overall category. There are a good percentage of applicants for the reservation category seats also and such seats, if any vacant, are filled by other eligible communities/categories as per the policy of the Government. The academic aptitude and competence of the students, based on learning levels, are precisely identified at the time of admission itself and are suitably addressed throughout on the basis of clearly chalked out plans. The student-teacher ratio is satisfactory and 100% of the teacher posts are filled. The faculty adopt various student centric methods for enhancing learning experience on the basis of Bloom's taxonomy, and these rest on two principles: 'learning through doing' and 'learning how to learn' thus helping in the holistic development of the students. Perceiving the paramount importance of mentoring, the college adopts a very systematic and productive mentoring scheme. There are four modes of mentoring made available, namely academic mentoring, mentoring by staff advisors, structured mentor – mentee system of the College and psycho – social mentoring. Two full time professional counsellors are working in the college and this shows the importance the college gives for student grooming, mentoring and counselling. During the pandemic lockdown times, telephonic and online counselling were made available for students which benefitted many students. An academic calendar is prepared for odd and even semesters at the beginning of the year and this includes important dates related to organizing teaching-learning and evaluation processes. The calendar is made known and available to students through website/handbook and is strictly adhered to. All the faculty members of the college possess qualifications as per UGC norms and more than 57% of them are PhD holders and a sizeable number are pursuing research leading to PhD. Many teachers also possess post-doc research experience from universities abroad. The results of the final semester UG/PG students are published within 20 days of the completion of the last of the exams. IT reforms have been successfully implemented into the examination system ever since the college became autonomous 10 years back and every step, from the application process to the downloading of mark lists, is made online. Boards of Studies (BoS) of all departments have formulated programme specific (PSO) and course specific outcomes (CSO), which have been incorporated within the syllabi and are available on the website. The college has a commendable pass percentage of more than 80% on an average. Ever since the college became autonomous 10 years back, the college has the unique track record of not losing any class day due to any unnecessary reasons or agitations, which shows the paramount importance given to teaching learning in the college and how the student community have imbibed the same.

Research, Innovations and Extension

Mar Ivanios College has a very unique top rated and high impact research culture among the Arts and Science colleges in the country, something which has been continuously been recognized in the NAAC and NIRF

processes. The Institution has a comprehensive research policy which points out the guidelines for Research Ethics, Publication, Funding and financial Management, Intellectual Property Rights, Data Protection and Management, Collaboration, research journals of the college etc. The research activities of the college are streamlined under the aegis of Research Advisory Council (RAC) and the Research and Development Cell (RDC) which act as a facilitator for all research activities. From the 6 approved research centres a total of 44 PhDs were awarded during the last 5 years. A total number of 577 publications, 10 existing patents, discovery of 8 new species of earthworm, discovery of 10 new materials for technology applications, number of research laboratories, organizing many international and national conferences, collaborative research with international universities like Massachusetts General Hospital and many national institutions, three Ivano journals of research, the unique facility for animal experiments and animal house are some of the major highlights of research showcasing of the college. One of the former faculty members was placed in the top 2% of Scientists consecutively for the last three years published by Stanford University. The college undertakes effective consultancy projects and provide lab skill trainings as part of such projects. In its efforts to promote research culture among the faculty, the college provides seed money to teachers through a systematic application and screening process. The institution and its faculties through Government and non-government sources have received about 2.4 crore rupees for research projects during the last five years. It is noteworthy that about 34% of the faculty are research guides. The College has taken intensive steps to bring about a culture of Entrepreneurship/incubation and innovation inside the campus, mainly through the Innovation and Entrepreneurship Development Cell (IEDC). The IPR cell established under KSCSTE aims to coordinate the high-end research activities leading to patenting and technology transfer. The institution has a stated Code of Ethics for research, the implementation of which is successfully and systematically ensured. The institution encourages involvement of teachers, students and other staff with the neighbourhood community for their inclusive development and sustained community development through various extension activities undertaken under the auspices of National Service Scheme, NCC unit, Nature club, Media club etc. About 170 of such activities have been completed in the last five years. Specially to be mentioned are the Covid care activities which were undertaken during the pandemic period. Our NSS Unit is one of the best run units of the University of Kerala having two separate units with boys and girls. The total number enrolled in every year is above 100 which comes to 5% of the total student strength of the college. The college is privileged to be one of the few colleges which have three wings of NCC namely Army, Navy and Air force. Various extension activities and outreach programmes are regularly conducted by the NCC cadets. The college has about 36 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.

Infrastructure and Learning Resources

Mar Ivanios College is blessed to have highly adequate land, buildings, and infrastructure, much of which are in the state-of-the-art quality. The college is in the urban area of the capital city of Kerala, with high connectivity to all parts of the state and easy access to various modes of transport. Located in the Mar Ivanios Vidya Nagar Educational Complex that houses 12 educational institutions in a total area of 180 acres, 26 acres are earmarked for the college. The institution has eight separate blocks with a built-up area of 27158.62 m² to cater to UG/PG/PhD programmes (excluding hostel and staff residential facilities). In short, the college has 88 class rooms, 50 ceiling mounted LCD projectors, 10 smart class rooms out of which 8 with interactive smart boards, 4 Academic halls (150 capacity), 1 Auditorium (1500 capacity), 1 mini auditorium, and 6 Computer labs. Out of the total expenditure excluding salary, more than 35% is set apart for infrastructure development and more than 40% for infrastructure maintenance. Differently abled friendly facilities, like lifts, accessible toilets, ramps, wheelchairs, etc are provided. The college periodically updates its IT facilities and provides sufficient bandwidth for internet connection. It is worth mentioning that the college is one of the first in the

state to have established a computer centre as early as 1985, with the support of the Travancore Royal family. Currently, the college is equipped with 266 desktops in various departments, sections, and laboratories, and also almost all the 149 faculty have personal/official laptops for academic use. The college has a rich developed library with a fine balance of rare archaic collections and new additions. MIC library has 74 years of rich tradition, covering an area of 10424 sq. ft. It adheres to green energy and environmental protocols (ISO/IEC17020:2012 standards, audited on 06.03.2023). Its collection comprises 74259 printed books, 130 Journals/magazines, e-journals, e-books, and academic and research databases. It is a practice that retired teachers and alumni donate books to the library. Noteworthy special collections in the library encompass rare books on Science and Religion, the Indian Independence Movement, Indian Culture, Tradition, and Tourism, among others. The library meticulously preserves photos, manuscripts, and rare documents dating back to the college's inception. Inclusivity is a priority, with the library offering support to students with various disabilities. The library holds institutional membership in Kerala University Library(KUL), facilitating off-campus access to INFED-eShodhsindhu and Knimbus Digital Library (ID 1201242). Additionally, the college library is a member of N-LIST and DELNET. The librarian of the college is a mentor to the libraries of various of our mentee colleges. The college also has a cricket field/football ground which is also used for track and field events, two basketball courts, a volleyball court, net facility for cricket coaching, and a gym for recreational facilities. Our playgrounds are frequently made use of by the Govt/University for state level competitions and selections. The college has very systematic and established systems and procedures for maintaining and utilizing physical and academic support facilities – laboratory, library, sports complex, computers, classrooms etc. The Principal, the Bursar, the Heads of Departments, the faculty, the Office Superintendent, the Lab attendants, the security, the librarians, Computer centre staff, IT administrator, et al are all systematically involved in the maintenance of the infrastructure.

Student Support and Progression

Mar Ivanios College functions under a firm conviction that students form the major stake holder in HEIs and all efforts are hence made in order to cater to their support and progression. Because of its highly impactful student support mechanism, the college has always been kept close to their heart by thousands of students and alumni. The college assesses the students based on their economic and financial situations too, and scholarships and free ships, by Government/private, are being awarded for the needy students. Currently more than 50% of the students benefit through this process. More than two third of the students of the college are in the aided stream and their fee structure is highly subsidized by the Government. Students from Lakshadweep and wards of defence personnel are admitted specially. The college has a very active and effective Career Training and Placement Cell which organizes various career guidance and training programmes and placement drives. Over the last 5 year period, a good number of students have been trained and many got campus placed through drives. Approximately more than 80% of the graduating students get placed or proceed to higher education. Many students also qualify in state and national level examinations. Scores, if not hundreds, of students have joined reputed universities/ institutions abroad for higher studies over the last 5 year period. Individual faculty advisers and faculty members offer career counselling and guidance to students on a regular basis both in the class rooms and through individual sessions. The college regularly conducts soft skill and language skill training and awareness programmes for trends in technology. Yoga and physical fitness programmes also are given adequate importance. The institution has a very strong policy of zero tolerance to harassment of any type including sexual harassment and ragging. Every year institutional wide awareness is conducted for students in class rooms by the faculty of the nearby sister law college. Various mandatory student grievance committees are functional in the college and there are mechanisms for online/offline submission of grievances. Mar Ivanios College consistently and consecutively stands top both in cultural and sports events at University and Inter University levels, bagging the victory trophy. Over a 5-year period, 801 awards/prizes for outstanding

performance in sports/cultural activities at University / state /national / international Level have been won by our students. The students of the institution regularly exercise their democratic rights to choose their representatives and to actively contribute to policy making. The College Union elections are held annually under the parliamentary mode, as per Lyngdoh committee report. The Union spearheads multiple socio-cultural activities that foster a vibrant campus atmosphere and facilitate organic, multipronged growth of students. Mar Ivanios College is blessed with a robust alumni network that has contributed immensely to the development and sustained excellence of the institution. AMICOS, the official alumni association, has both a central chapter and various regional chapters in many parts of the world. The rich galaxy of luminaries from all walks of life adorn the portals of AMICOS group. It is worth mentioning that AMICOS displayed its commitment to social welfare by conducting COVID-19 vaccination drives within the campus in association with KIMS Health care and also contributed to the COVID Relief Fund of the College COVID Cell in order to support economically disadvantaged students during the pandemic and/or lockdown.

Governance, Leadership and Management

The 75-year-old college has a very able and efficient governance structure. Established and managed by the Malankara Catholic archdiocese of Trivandrum, the college remains the pride and treasure of the entire church as well as of the general society. The college has now become a pioneer HEI aspiring from CPE to CE, and from Autonomy status to that of University. The Managing Council, the Governing body, the College Council and the IQAC and all statutory bodies chalk out plans for the smooth and conducive functioning of the College with a common goal. Faculty members, both permanent and contract, are appointed by competent committees as per UGC/Govt regulations in a meritorious manner. Principal/IQAC Coordinator regularly participate in leadership training programmes. The faculty take lead role in all the functioning of the college, curricular, cocurricular, disciplinary, cultural, sports, student activities, etc. All the faculty are members of the relevant BoS and thus take part in the curriculum design and revision process in a periodic manner. The college has a very effective College Council, in which all Heads of Departments, and 5 elected representatives of the faculty are members. All important decisions for the day to day running of the college are taken in the Council meetings, which are usually held once a month. The institution's Strategic Plan ensures the attainment of major objectives. Initially outlined as 'Vision 2020' in 2010, this plan underwent revisions to adapt to evolving higher education contexts. Since gaining autonomy in 2014, our focus has been on introducing new undergraduate (UG) and postgraduate (PG) programs in line with local and global needs. We are happy to note that e-governance has been implemented in all aspects, including administration, finance, admissions, and examinations. The college has a dedicated ERP, with student, faculty and parent login facilities. The institution has employed self-appraisal mechanism for teaching faculty, and has numerous welfare measures for the entire staff. The college has a highly active and vibrant IQAC in which all the faculty members are involved as members of Faculty Quality Circles formed on the basis of the NAAC criteria. The IQAC has efficiently organized many workshops and hands- on training sessions for the staff consistently. To mention a few, when digital platforms became the need of the hour, programmes such as FDPs in ICT tools for online teaching, Online Training on Video Creator and Editor, Moodle Workshop for teachers were organized. Classes on office etiquette, letter-writing, rules of administration, e-office procedures, PFMS etc were also conducted for the non-teaching staff to train them to carry out their tasks with ease. The IQAC organizes and coordinates the CAS Promotion screening committees for the teachers of the college and more than about 60 such sessions have been conducted in the last 5 years. Under the auspices of the IQAC, mentoring of colleges for NAAC Accreditation also was undertaken and so far we have extended services to more than 35 colleges across the country, including 6 colleges in the North East India. The Staff Co-operative society offers financial assistance to staff through different loan schemes and they also provide incentives to children of the staff members who excel in education. Teachers on a regular basis undergo FDPs and MDPs and a good proportion of teachers were given

financial assistance to attend conferences and workshops. .

Institutional Values and Best Practices

Mar Ivanios College practices a value-based approach in all of its functioning, and best practices are undertaken to excel in the process. We believe that Gender Equity is a continuous engagement entailing timely and phased interventions and we are committed to uphold the ideals of equality as the apex policy priority in all our development objectives. Two third of the student and faculty are women and all efforts are being taken by the college to ensure the gender equity and equality. Our efforts at empowering women and enabling gender equity aligns with the best practices that promulgated through various legislations and international conventions. The institution has various sources of alternative energy including solar panels. Almost all the electric bulbs are power efficient/LED ones. The college strictly adheres to the green protocol issued by the Government and takes all adequate measures for management of all types of wastes. The degradable (organic) and non-degradable (inorganic) waste management in the college involves collection, separation, treatment, recycling, and disposal. The waste generated is properly segregated at the source itself. Three colour dust bins are placed in different sites. The uses of plastic are strictly restricted/discouraged and promote use of tiffin boxes, steel water bottles, steel tumblers and washable plates in the campus. Water conservation facilities are available in the college through rain water harvesting, tanks, open well recharge, distribution system in the campus, etc. Our institution is extremely concerned with keeping a green campus and being environmentally friendly, which ensures that pure oxygen is available throughout the whole campus. The campus has been made greener by adequate trees, fruit gardens, medicinal garden, and plant conservatory improving carbon neutrality factor, enriching biodiversity by conserving species of birds and small animals, and providing a pleasant environment for students to learn and understand the values for a green environment. Some of the previous asbestos roofings have been replaced by GI sheets to eliminate health hazards. Quality audits on environment and energy are regularly undertaken by the institution. Mar Ivanios College has always been sensitive to the needs of differently-abled students and caters to their various needs most efficiently. The college is actively engaged in fostering a positive and inclusive environment that goes beyond academic pursuits to focus on the holistic development of its students and staff. The institution believes in instilling ethical, cultural, and spiritual values to mould the youth into noble individuals who are morally responsible and socially conscious. We believe in a pluralistic society in which no human barriers are set. The college is open to different cultures, languages, religions, regions, etc. and takes pride in its all inclusive environment. The staff and students on a regular basis are sensitised on the Constitutional obligations and rights. The main two best practices being implemented by the college are (i) Science Facilitation Centre and (ii) Green Initiatives under “MIC-Prithvi” enriching biodiversity. “The Multi-Dimensional Ivanian” (MDI) is a holistic philosophy through which the college moulds students who are not only academically proficient but also creative, physically fit, and ethical. The approach, codified and implemented in 2018, is rooted in the vision of the founder of the college as encapsulated in the college motto, “Veritas Vos Liberabit” (Truth shall liberate you), and is driven by the college’s focus on the holistic development of students.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	MAR IVANIOS COLLEGE (AUTONOMOUS)
Address	Mar Ivanios Vidya Nagar Nalanchira P. O. Thiruvananthapuram
City	THIRUVANANTHAPURAM
State	Kerala
Pin	695015
Website	www.mic.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Fr. Vincy Varghese	0471-2531053	9447205190	-	info@mic.ac.in
IQAC / CIQA coordinator	Deepthy Alex	0471-9496369311	9847172375	-	iqac@mic.ac.in

Status of the Institution	
Institution Status	Private and Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

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

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	01-08-1949
Date of grant of 'Autonomy' to the College by UGC	13-06-2014

University to which the college is affiliated		
State	University name	Document
Kerala	University of Kerala	View Document

State	University name	Document
Kerala	University of Kerala	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	01-07-1956	View Document
12B of UGC	01-07-1956	View Document

Under Section	Date	View Document
2f of UGC	01-07-1956	View Document
12B of UGC	01-07-1956	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				

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)?	Yes
If yes, date of recognition?	02-09-2004
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Department of Science and Technology
Date of recognition	29-09-2018

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Mar Ivanios Vidya Nagar Nalanchira P. O. Thiruvananthapuram	Urban	25	27158.62

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	Pass in Plus Two	English	72	72
UG	BA,English Unaided,English and Communicative English	36	Pass in Plus Two	English	56	56
UG	BA,English Unaided,	36	Pass in Plus Two	English	60	57
UG	BA,Economics,	36	Pass in Plus Two	English	75	75
UG	BA,Journalism,Journalism	36	Pass in Plus Two and	English	63	63

	and Mass Communication		clearing entrance exam conducted by the college			
UG	BCom,Commerce,	36	Pass in Plus Two	English	76	76
UG	BSc,Physics, Physics with Machine Learning	36	Pass in Plus Two with Physics as one subject	English	30	26
UG	BSc,Physics,	36	Pass in Plus Two with Physics as one subject	English	54	54
UG	BSc,Chemistry,	36	Pass in Plus Two with chemistry as one subject	English	56	56
UG	BSc,Botany,	36	Pass in Plus Two with biology as one subject	English	44	42
UG	BSc,Biotechnology,Botany and Biotechnology	36	Pass in Plus Two with biology as one subject	English	37	37
UG	BSc,Zoology ,	36	Pass in Plus Two with biology as one subject	English	47	47
UG	BSc,Computer Science,Computer Science	36	Pass in Plus Two	English	39	39
UG	BCom,Commerce Unaided,	36	Pass in Plus Two	English	68	68
UG	BCom,Commerce Unaid	36	Pass in Plus Two and	English	50	49

	ed,Accounts and Audit		clearing entrance exam conducted by the college			
UG	BA,Economics Unaided,Analytical Economics	36	Pass in Plus Two	English	60	42
UG	BSc,Mathematics And Statistics,Statistics	36	Pass in Plus Two with mathematics as one subject	English	50	24
UG	BSc,Mathematics And Statistics,Mathematics	36	Pass in Plus Two with mathematics as one subject	English	61	61
PG	MA,English,	24	BA English or any graduation with English courses	English	31	31
PG	MCom,Commerce,	24	BCom or BBA or BBS or BBM	English	28	28
PG	MSc,Mathematics,	24	BSc Mathematics or Statistics or graduation in any vocational programmes approved by the University of Kerala	English	26	26
PG	MSc,Physics,	24	BSc Physics or graduation in any vocational courses	English	20	20

			approved by the University of Kerala			
PG	MSc,Chemistry,	24	BSc Chemistry or graduation in any vocation programmes approved by University of Kerala	English	18	18
PG	MSc,Zoology,	24	BSc Zoology or graduation in any vocational programmes approved by University of Kerala	English	18	18
PG	MTTM,Tourism,	24	Graduation in any discipline including Engineering and clearing the entrance examination by the college	English	20	20
PG	MA,Malayalam, Malayalam with media studies	24	BA Malayalam or Malayalam and Mass Communication or JMC or any degree with Malayalam as additional language	English	21	21
PG	MSc,Mathematics And Statistics,Statisti	24	BSc Mathematics or Statistics	English	13	13

	cs with Specialization in Data Analytics		or graduation in any vocational programmes approved by the University of Kerala			
Doctoral (Ph.D)	PhD or DPhil, English,	60	PG in English	English	14	14
Doctoral (Ph.D)	PhD or DPhil, Commerce,	60	PG in Commerce	English	24	24
Doctoral (Ph.D)	PhD or DPhil, Mathematics,	60	PG in Mathematics	English	9	9
Doctoral (Ph.D)	PhD or DPhil, Physics,	60	PG in Physics	English	22	22
Doctoral (Ph.D)	PhD or DPhil, Chemistry,	60	PG in Chemistry	English	12	12
Doctoral (Ph.D)	PhD or DPhil, Zoology,	60	PG in Zoology	English	9	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	0				1				102			
Recruited	0	0	0	0	0	1	0	1	35	67	0	102
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	1				9				36			
Recruited	1	0	0	1	8	1	0	9	36	0	0	36
Yet to Recruit	0				0				0			

Non-Teaching Staff						
	Male		Female		Others	Total
Sanctioned by the UGC /University State Government						31
Recruited	22		9		0	31
Yet to Recruit						0
Sanctioned by the Management/Society or Other Authorized Bodies						37
Recruited	19		18		0	37
Yet to Recruit						0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				10
Recruited	1	0	0	1
Yet to Recruit				9
Sanctioned by the Management/Society or Other Authorized Bodies				5
Recruited	4	1	0	5
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	1	0	23	42	0	66
M.Phil.	0	0	0	0	0	0	0	5	0	5
PG	0	0	0	0	0	0	10	13	0	23
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	7	1	0	5	10	0	24
M.Phil.	0	0	0	1	0	0	1	3	0	5
PG	0	0	0	0	0	0	2	11	0	13
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
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
		11	5	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	1077	8	1	0	1086
	Female	1606	18	0	0	1624
	Others	0	0	0	0	0
PG	Male	108	0	0	0	108
	Female	379	3	0	0	382
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	20	0	0	0	20
	Female	77	0	0	0	77
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	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	64	53	69	44
	Female	46	69	64	66
	Others	0	0	0	0
ST	Male	8	8	4	7
	Female	1	4	5	8
	Others	0	0	0	0
OBC	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
General	Male	142	112	123	140
	Female	401	433	406	353
	Others	0	0	0	0
Others	Male	188	226	192	139
	Female	213	231	293	194
	Others	0	0	0	0
Total		1063	1136	1156	951

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Biotechnology	View Document
Botany	View Document
Chemistry	View Document
Commerce	View Document
Commerce Unaided	View Document
Computer Science	View Document
Economics	View Document
Economics Unaided	View Document
English	View Document
English Unaided	View Document
Journalism	View Document
Malayalam	View Document
Mathematics	View Document
Mathematics And Statistics	View Document
Physics	View Document
Tourism	View Document
Zoology	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>Mar Ivanios College (Autonomous) is well-poised to introduce multidisciplinary/interdisciplinary programmes, as per the provisions and requirements of the National Educational Policy, subject to the guidelines of the University of Kerala. The college already offers programmes with multidisciplinary orientation such as BSc Physics with Machine Learning, MA Malayalam with Media Studies, and MSc Statistics with Specialization in Data Analytics. The sheer range of subjects available at MIC across the aided and self-financing streams — including journalism, computer science, biotechnology and tourism in addition to the core subjects from Sciences, Humanities, and Social Sciences — would enable it to offer many innovative combinations of</p>
-----------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>Major and Minor specializations. The college has proposed new vocational programmes related to Design and IT/Computer Science in which there are provisions for incorporating courses from different disciplines. The college has also proposes to introduce multidisciplinary skill courses under NSQF Aligned Courses of Sector Skill Council, aligned to Skill India programme, which gives a list of more than 1000 multidisciplinary courses. The college is all in preparation for introducing Four Year UG programmes under NEP 2020 which makes room available for Multidisciplinary and Skill Enhancement courses.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>The college is prepared to implement this innovative step as and when the parent University permits the same. The ABC system offers transparency and flexibility for students, permitting them to acquire credits from multiple institutions as per their choice and convenience in order to finish their Programme. The challenges raised by the ABC are chiefly administrative as the credits gained by students from the college will need to be diligently entered into the MHRD database and credits earned from other institutions will have to be verified. MIC's large number of efficient, computer literate-teaching and non-teaching staff will enable it to adopt the ABC system effectively. The college has already registered itself in the National Academic Depository (NAD) and is getting ready to make the mark lists/transcripts of students available on the depository so that as per the templates given by the NAD. A Nodal Officer has already been appointed by the college for the same.</p>
<p>3. Skill development:</p>	<p>One of the pillars of education, as per globally accepted norms, is 'learning to do'. The establishment of the Mar Ivanios Centre for Professional Studies and Industrial Linkage" (MICPSIL), which manages all aspects of skill training and industry collaborations is a sign of the college's commitment to skill training. MICPSIL administers 40 add-on courses offered by the faculty members of the college, covering subjects as diverse as soft skills, foreign languages, financial accounting and python programming. The two diploma courses, on Pharmaceutical Chemistry and Computer Applications, are worthy of special mention. As mentioned above, the college has also applied for multidisciplinary skill courses under NSQF Aligned</p>

	<p>Courses of Sector Skill Council. With the advent of schemes under NEP 2020 more number of Skill Enhancement Courses (SEC) will be introduced by all departments and programmes.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Indian knowledge systems are included in a wide variety of courses. Ancient administrative practices, such as Kautilya's Arthashastra, form part of the Public Administration courses. BA Analytical Economics program includes a course on "Indian Heritage and Culture", covering the Indian traditions from Vedic period onwards. The college offers courses in the following Indian languages: Hindi, Malayalam, and Tamil. Indian aesthetic theories (Bharata Muni's Rasa theory, Dhvani, Alamkara etc) and Indian linguistic theories (the contributions of Panini and Patanjali, Kaaraka theory etc) form part of the curriculum of BA English and MA Malayalam students. Courses in Tamil cover Sangam poetry and Silappatikaram. The poetry of such ancient poets as Kaberidas, Tulsidas and Meera Bhai are covered in the Hindi courses. The NCC cadets of the Army, Navy & Airforce and NSS volunteers are trained in Yoga and the college intends to extend this to the whole student community. Indian knowledge systems will be given a greater thrust in curriculum when the syllabi are revised as part of the introduction of the NEP.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The University of Kerala has implemented OBE based curriculum for more than 3 years now and we have also introduced the same. Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) are given in the curriculum of various programmes and the same is communicated to students through various means including publishing on the website. Various components of these outcomes are mapped into the curriculum. The college adopts various mechanisms to measure the attainment of these outcomes. Faculty members are given periodic workshops on OBE setting and mappings.</p>
<p>6. Distance education/online education:</p>	<p>The college is ready to start distance/online courses as per the provisions of NEP. This will help the college to reach out to a wider section of society. With the help of high-speed internet facility offered by the institutions, students can apply to various distant education programs offered by other</p>

institutions. Students from other colleges and universities can take part in the MOOC Courses offered by the experts of the institutions and they can build their knowledge and gain credits as an when its fully established by the University. Mar Ivanios College (Autonomous) is a Study Centre (No. 1441) of the IGNOU as well as the state-run Sree Narayana Guru Open University and about 13000 students are currently enrolled through these Various students from within the state and outside have been part of the study centers over the years and have benefited from the program. MIC study center is one of the flagship study centers under IGNOU. Students were enrolled in the study centre under 42 UG and PG courses.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	The Electoral Literacy Club (ELC) has been set up in the College and is in consonance with the guidelines of the State Election Commission.
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 students' coordinator and coordinating faculty members are appointed by the College and the ELC is functional. The club is representative in character and composition as students from all social groups including women, minorities and weaker sections are included
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 ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Yes, the Electoral Literacy Club (ELC) has undertaken voter awareness campaigns by conducting a flash mob in association with the Kerala State Election Commission at Kanakkunnu Palace foreground in Trivandrum city which attracted public attention and was successful in disseminating the message of the need for Voting. The Electoral Literacy Club (ELC) has also envisioned a plan for ensuring "no voters are left behind" at Assembly constituencies where there has been a lower voter turnout.
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	Interactive initiatives are being taken by the college by means of awareness drives and small groups of students who are members of the Electoral Literacy Club (ELC) have taken flash quizzes on the importance of voting among the youth.

<p>electoral processes, etc.</p>	
<p>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.</p>	<p>Since many students have already completed their online enrolment at their place of residence, the Electoral Literacy Club (ELC) has made a suggestion for a mobile voter van from the state election commission with their support with online facilities for registration of new voters in the campus. Electoral Literacy Club (ELC) has also drawn a plan for popularizing the theme song of the Election Commission of India “Main Bharat Hoon Hum Bharat ke Matdata Hain” of the Election commission of India through engaging students with proficiency in classical dance forms and drama for creating a fusion street play</p>

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
3028	2979	2745	2422	2318
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
1117	970	836	792	825
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
141	140	134	134	123
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: 238

File Description	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
274.27562	202.97125	211.35851	93.70920	111.87201
File Description		Document		
Provide Links for any other relevant document		View Document		
Other Upload Files				
1		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:

National Education Policy is a mission document that contains cognitive, knowledge based and pedagogical interventions aimed to create self-reliant, variedly skilled and motivated youngsters to become important stake holders who will meet the Nation's technological and professional demands from a leadership position.

The developmental goals of local, regional, national and international levels incorporated in various course and program outcomes in the syllabus recognizes the transformed demands for national growth required to meet the challenges of 2047 and prepares the learners with an objective to guide and motivate them to contribute to the needs of a rapidly developing nation and fulfil their goals in the process.

The majority of programs offered by Mar Ivanios College focus on empowering students by enriching their potential for learning. Language programs offered are designed to augment cultural, civilizational, ethical and creative sensibilities by exposing them to the rich tapestry of experiences. Programs including Bachelor of Arts in Economics, provide fundamental understanding of Economic systems and functioning of Global finance and markets with projects and assignments that expose students to contemporary economic development initiatives including polices such as Atmnirbhar Bharat with a view to streamline students with government policies so as to integrate their learning to actual processes.

Emphasis on research and development in science subjects is given significance while designing curriculum, and by means of incorporating in-demand courses that impart cutting-edge technical knowledge in areas like Nano biotechnology and Machine Learning, exposing students to the significance of self-reliance in biotechnology and artificial intelligence-driven innovations. Imparting knowledge on methods and techniques to mitigate pollution, which in turn, is a national policy objective with the government committing to a net-zero status. Mar Ivanios College reaffirms faith in fostering the spirit of scientific enquiry which is at the core of curriculum at the Institution.

The rapidly changing status of the nation with new policies for commerce and allied activities are incorporated in the syllabus. Various programs offered by the department of commerce highlights the relevance of changing market dynamics in a globally interlinked world and policies of international trade and their impact are imparted to the students through a structured curriculum.

The significance of a free, fair and objective media is highlighted in the syllabus of journalism and mass

communication courses and the notion of freedom of press as the Fourth pillar of the state is emphasized and relevance of new media and social media in fostering participative development is imparted through courses offered by the department.

Mar Ivanios College recognizes the need for aligning students with the transformative pace of development of India and our endeavour is to harmonize the trajectory of innovative courses and programs with the national, civilizational, cultural trajectories and development policies to develop motivated, patriotic and self-reliant citizens who will carry forward the pace of progress of the nation.

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:

Mar Ivanios College (Autonomous) offers UG/PG/Diploma/Certificate/ Ph.D programs with a focus on employability, entrepreneurship, and skill development, especially in the post-autonomy scenario, with curriculum flexibility, industry collaboration, and soft skills training. For example, the B.Sc in Biotechnology has courses in molecular biology, genetics and bioprocessing. Programmes and courses in English and Communicative English focus on sharpening the communicative and critical thinking skills of all students. Courses in Soft Skills are part of some of these programmes. Special skill courses on LaTeX and SageMath have been introduced within Mathematics. In the Physical Sciences, students are trained in emerging areas like Machine Learning, Digital Electronics, Materials Processing and Technology, Pharmaceutical Chemistry, etc. In the Life Sciences, courses like Industrial Biotechnology, Plant Biotechnology, Pest Management, Vermiculture, Environmental Management, etc, have helped students gain career-focused knowledge and skills. In the Humanities, Commerce and Management streams, modified courses that focus on employability and entrepreneurship, include Money and Modern Banking, Economic Planning, International Trade, Data Science, International Accounting, Global Management Practices, HR Management, Game Theory & Decision Making, Contemporary Economics, Policy Making, Banking & Finance etc, have been welcomed by students as they match contemporary requirements. The Computer Science department equips and trains students in the IT requirements of the contemporary world. Specialized employability and skill-development programmes in the fields of Journalism and Media Studies, Tourism Management, Chartered Accountancy, Statistics & Data Analytics, etc, are also offered. Further, the 19 Open Courses, and 38 Add-on courses are purely skill-development and entrepreneurship focussed courses.

The laboratory skill-training modules using the latest equipment introduced in all Science programmes, the compulsory internships which are part of the career-oriented programmes, group projects at the UG

level and individual projects at the PG level, the knowledge and skill-based Ph.D programmes, industry collaborations, all of these are designed to incorporate the contemporary requirements of students. For example, the carefully modified laboratory modules tuned to industry/ job requirements ensure that students acquire necessary knowledge and psycho-motor skills, in addition to sharpening their interpersonal and team skills while working in group projects. Modern techniques on sophisticated instruments are being imparted to students at the advanced level, enabling them to work in the most advanced laboratories across the world. Compulsory project modules incorporated in the humanities at the UG level help them to acquire adequate data analysis and interpretation skills.

Departments had been tasked with forming collaborations with relevant industries and corporations. During the last five years the College has established 36 MoUs with research and corporate entities. These MoUs have enabled faculty and student exchange programmes, and deep-learning sessions by industry experts in different departments, and have given a practical perspective on internships, or project-based learning opportunities for students. Often students who go for internships are absorbed by the organizations or in similar organizations after their stint there. All programmes will have compulsory internship with the start of the FYUGP in 2024.

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: 41.58

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

Response: 353

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

Response: 849

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

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 curriculum across various programs highlights the importance of gender, environmental sustainability, human values and professional ethics as per NEP 2020. Language courses, Literature, and specific subjects such as Gender Studies (Core Course VII GS 544) converge on narrating diverse experiences, including those outside gender binaries. The course looks into assorted texts by women authors that narrativize the female experience. The feminine subject interprets gendered domestic and social spaces, and select courses narrate male experiences and their vulnerabilities; social issues faced by transgender, differently-abled citizens, and other gender, class and caste minorities are also explored here. It helps them question the famed ideologies that have contributed to the marginalization of people/communities.

Economic courses like Indian Economy I (Core Course VII AUAE 542) and Development Economics (Core Course XIV AUAE 644) cover demographic features, gender-based indices, and sustainable development. These courses look into different measures of human development, gender-based indices and also introduces the role of the state in economic development and problems that affect state governance. Business Etiquette & Corporate Grooming (Core Course, AUCOA 644) emphasizes professional ethics and interpersonal skills. By focusing professionalism, integrity and etiquette, this course endows individuals with the necessary tools to navigate countless business scenarios with confidence and grace. Science-related courses like Methodology and Perspectives in Plant Sciences (AUBO221) and Environmental Economics and Disaster Management (AUEC644) discuss ethics and environmental issues. It also focuses on developing transparency and honesty along with sharing of scientific knowledge, narrates various global environmental issues and discusses the concept and measurement of sustainable development and tools for the analysis of environmental policies.

Courses like 'Informatics and Cyber Laws' (Foundation Course II, AUCO 221) address digital knowledge and tackles debates on ethical considerations. It explores the role of IT in national integration and also accentuate on Green Computing and e-waste management. Environmental Studies (AUEN 211.1/AUEN 211.2) and Ecotourism cover environmental observation and management. It also helps in evaluating and

finding remedies for environmental issues and hazards, recognizes the need to conserve biodiversity and understand the need for ecological security and create a pro environmental attitude in society to trigger pro environmental actions. Journalism and Pollution Biology courses discuss environmental reporting and pollution impacts.

The course on Statistical Physics, Research Methodology and Disaster Management (AUPY541) deal with the global natural hazards, disasters and their management such as earthquakes, tsunami, environmental health and diseases, epidemics and nuclear radiations. Courses like 'Introduction to Indian Constitution and Human Rights' (Foundation Course, AUCOA 221) focus on values and human rights. Students gain insight into the significance of human rights, exploring topics such as dignity, freedom and inclusivity. By understanding the constitutional framework and human rights provisions, individuals are empowered to contribute to a just and equitable society. Public Health and Hygiene (Open Course–AUZO581.a) 'Human diseases and their management' (Open Course – AUZO581.c) explore public health and diseases. This thumbnail sketch reveals that the curriculum has been enriched with content related to ethical values, environmental responsibility, sustainable development and awareness of social issues in students.

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: 73

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
Provide Links for any other relevant document to support the claim (if any)	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: 25

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

Response: 25

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

<p>1.4.1</p> <p>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:</p> <p>Response: A. Feedback collected, analysed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website</p>	
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
Provide Links for any other relevant document to support the claim (if any)	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: 96.23

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
1019	1076	1115	929	833

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1077	1143	1167	940	840

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: 72.74

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
124	133	142	122	122

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
192	192	192	161	147

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:

The academic aptitude of the students is precisely identified at the time of admission and are suitably

addressed throughout on the basis of clearly chalked out plans. The CMS of the college maintains a Student Profile for each student based on their index marks and quota of admission, and charts their learning progress across the semesters. This enables the faculty advisor to identify the advanced learners and weaker ones and cater to their needs. The Faculty Advisor is also supported by the Course Coordinators regarding the same. There is a formal continuous assessment system which includes internal tests, assignments, seminars and frequent oral and written quizzes, as well as the summative end semester examination. Meticulous evaluation and feedback is given to students for all kinds of formative assessment and this guidance-oriented process helps the faculty ensure that learning goals and benchmarks are adequately achieved. It also helps identify learning gaps at the right time and aids in charting out proper remedial measures.

‘Walk With a Scholar’ programme, an initiative of the Higher Education Department, is especially relevant to the needs of the advanced learners. It is a programme wherein a teacher mentors a group of advanced and motivated learners, taking them beyond the curriculum and guiding them in their career choices. A teacher, who mentors them throughout the year in the skill of independent learning, is assigned 6 students of different UG batches. The faculty member has the freedom to introduce experiential modes of learning through field trips and visits to academic institutions nearby. Advanced learners also made team leaders of constituted small learning groups within the class and would take sessions on topics outside the syllabus assigned by the teacher. This would gradually equip students to build in time for flexible learning groups and would lead themselves to the art of self-directed learning.

Remedial courses are conducted for weaker students both formally and informally after a careful analysis of their learning gaps. One such formal session is the UGC supported remedial classes for SC/ST/ OBC (non-creamy layer) and minority students. The Scholar Support Programme—a new initiative of the Higher Education Department of Kerala—is focussed on weaker students. Apart from the formal sessions, faculty coordinators identify and support weaker students by facilitating extra classes and promote peer teaching. It is a standard practice in most departments to connect an advanced learner to a group of slow learners and encourage them to support their fellow students.

Further, within the 22 statutory Extension Activity Clubs there are discipline specific clubs like the Science Club, Debating Club, ED Club, Literary Club, Quiz Club, Theatre Club, etc, which sees enthusiastic participation from both advanced and weak learners, as it develops confidence and provided beyond-the-textbook knowledge which helps them develop academically and socially, Every department also conducts invited lectures and seminars, enabling them to gain additional discipline specific knowledge. A large number of such programmes have motivated both advanced and weaker learners to become academically committed.

File Description	Document
Upload Any additional information	View Document
Provide link for additional information	View Document

2.2.2

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

Response: 21.48

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:

The faculty adopt student centric methods such as experiential learning, participative learning and problem-solving methodologies for enhancing the learning experience. Student-centric learning at Mar Ivanios College rests on two principles: 'learning through doing' and 'learning how to learn'.

Student-centric teaching and learning is achieved through:

- Mandatory group projects/ dissertation in the final year of all UG programmes; this involves not only collaborative writing, but also group work involving conducting surveys, interviews, location visits, etc.
- Laboratory practice for all science programmes;
- Compulsory industrial visits for science programmes;
- Field trips for the Environmental Science course;
- Study tours for all programmes; (specific mention: study tour to IITs, as part of the Scholar Support Programme.)
- Regular classroom discussion and brainstorming sessions;
- Pair-work;
- Peer teaching;
- Student paper-presentations inside and outside college;
- Film and documentary making (Journalism department);
- Exhibitions, poster displays in all departments.
- Co-curricular experiential learning was promoted through:

o Science Facilitation Centre: A centre student run programme where student Teacher Facilitators (UG and PG science students), explain concepts through experiments to high school students. This makes these Teacher Facilitators experts in the area of facilitation assigned to them.

- o ASAP gave students training in teaching English to students of other colleges and schools;
- o DREAMS: A special programme of Christ University in collaboration with the NGO, Dreams, and EY (Ernest & Young) where our students were trained to be mentors for school students in Life Skills Developments.
- o A student chapter of The International Society for Optical Engineering, and a student-run Astro Club have been established in the department of Physics, where students organize subject-related quizzes, and engage online classes for other students on Optics and Astronomy;
- o Many departments have subject-specific journals and publications (publication of college newspaper (Netra - Dept. of Journalism), literary journal (Imprint - Dept. of English); student-published subject journals and books (Economic Review, Commerce Review, Z for Apple, etc));
- o Informal modes outside the curriculum: Organizing conferences, events (both curricular and extracurricular), extension activities and environmental programmes, etc.
- o Invited lectures by experts, participation in conferences and seminars, doing online and distance education courses (in Academic Writing, Creative Writing, Basic Functional English, etc.), add-on courses, etc.

All teachers and computer proficient, and use all ICT facilities available on campus regularly. Their use of ICT-enabled tools include:

- Regular use of
 - o PPT presentations in class;
 - o Interactive smartboards;
 - o YouTube videos;
 - o INFLIBNET, e-PG Pathashala, providing teachers and students access to the latest journal articles (through JSTOR), and different data bases, ;
 - o NPTEL lectures, which are included for curriculum enrichment;
 - o SWAYAM LOCAL CHAPTER (ID- 4637);
 - o LMS Moodle
 - o MOOCs; some departments have courses where the internal assessment is through;
 - o Remote access to the Kerala University Library (Institutional Membership ID – 1201242)
 - o E-shodhsindhu – INFED, which provides access to journals
 - o Knimbus

- o N-List (24x7 access);
- o Social media for teaching-learning;
- o All other online resources.
 - In addition, both departments and teachers have individual YouTube channels, where learning materials are regularly uploaded.

File Description	Document
Upload any additional information	View Document
Provide Link for Additional Information	View Document

2.3.2

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

Response:

There are four modes of mentoring made available in the campus, namely, mentoring by Faculty Advisors, special academic mentoring, structured mentor – mentee system of the College, and psycho – social mentoring.

Faculty Advisors as Mentors

The most significant asset of the institution is the strong, healthy student-teacher relationship persisting in the campus. This is nurtured by the initiatives taken by the Faculty Advisors. The faculty advisor is a single point of contact for all the students in the class whenever they are in need of academic or personal mentoring. He\she acts as a bridge between the college and the parents. Open House sessions are conducted after every internal examination when parents get an opportunity to see all the teachers in person and understand their ward’s academic performance. Immediately after the Induction Programme every year, Faculty Advisors take the initiative to conduct Bridge Courses for first semester UG students, and coordinate remedial learning sessions for weaker students towards the end of each semester.

Special Academic Mentoring

Two special academic mentoring schemes, ‘Walk With a Scholar’ and ‘Scholar Support Programme’, supported by the Govt. of Kerala, were adopted by the College for students from all the UG programmes. A total of 300 students from among both advanced and slow learners enjoyed the benefit of these programmes. The students were identified in the early stages of their UG course and special training was given to them on a regular basis. Both internal and external mentors provided individual and group-wise sessions to the students on academic development and career progression. A minimum of 15 mentor-mentee sessions was conducted by each mentor for his/her assigned group.

Mentor –Mentee System of the College

In the beginning of every academic year, a group of 20 newly admitted students are allotted to a faculty member, who will be in constant contact with the students, meeting them on a regular basis, discussing personal as well as academic matters, trying to solve the challenges, if any, faced by the students and encouraging participation in extracurricular activities to channelize their energy in a constructive way. This is a deep mentoring mode where the mentor gets to know the student's social, domestic, and academic circumstances. The faculty keeps a case file of each student and provides professional and personal assistance whenever necessary; psycho-social issues are referred to the college counsellor.

Personal and Psycho-social Mentoring

Attached to the Counselling Cell, the support of a professional counsellor and a psychology apprentice appointed under 'Jeevani – College Mental Awareness Programme' is made available in the campus to provide necessary assistance to required students. The professional counsellors visit all the classes in every semester and conduct sessions on mental health and wellbeing, stress management, etc; This has proved to be very beneficial for the students in managing their stress regarding academics and writing examinations, as well as in private affairs. Personal meetings with students are also initiated by them and individual care and attention is offered to the students throughout their study period in the campus.

File Description	Document
List of Active mentors	View Document
Provide Link for Additional Information	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 prepares an academic calendar for odd and even semesters with the approval of the Governing Council at the beginning of the year and strictly adheres to it. The Academic Calendar includes important dates related to organizing teaching-learning and evaluation, like the start and end dates of the semester, the dates of the orientation/induction sessions, the dates for allotting topics for seminar and assignments, the dates for submitting the assignments/ seminars, the dates of the internal tests, the dates for uploading CA marks, the dates of the Open House, the dates of the End Semester Examinations, etc. The Academic Calendar is accessible on the College Website and in the College Handbook also shared by email to all faculty members.

At both the UG and PG levels it is common for more than one teacher to take a course (paper). Because of this practice, the College does not have teaching plans for individual teachers, but has course

schedules for every course. This teaching plan/ course schedule shows the topic areas to be covered by every teacher teaching the course, the topics intended to be covered by each teacher during each month, the topics intended for the internal test(s), etc. This is shared with the students at the beginning of the semester (see HERE for a sample Teaching Plan) A hard copy is also given to the Class Representatives of every class as well as kept in the Course File of all Course Coordinators. The College Level Monitoring Committee (CLMC) and the Department Level Monitoring Committee (DLMC) monitor the events mentioned in the Calendar. Faculty Advisors are entrusted with the responsibility of conducting the Open House sessions according to the schedule in the Calendar. The CA marks are entered into the College CMS. The marks for seminars and assignments (which have to be completed before the internal test) are to be uploaded within a week from the last day of the internal test. The marks for the internal tests are to be uploaded one week before the ESE. It is the responsibility of the Course Coordinator and the Course Committee to ensure that the Teaching Plan/ Course Schedule is strictly adhered to. To help with this, the system of maintaining Course Files is in practice. The Course File is a file kept by every Course Coordinator. The following documents have to be filed in the Course File: assignment topics, curriculum enrichment strategies, syllabus with learning outcomes, course schedules, academic calendar, and details of remedial classes. Course Committee meetings are held twice in every semester to create the documents for the Course File and to ensure that the Course Schedule is followed. Any deviation from adherence to the Academic Calendar at any stage is monitored and followed-up by the Dean, Academics, and remedied immediately.

File Description	Document
Upload any additional information	View Document
Provide Link for 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
141	140	134	134	123

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:** 57.98**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: 138

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
Provide Links for any other relevant document to support the claim (if any)	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:** 12.43**2.4.3.1 Total teaching experience of full-time teachers as of latest completed academic year**

Response: 1752

File Description	Document
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.4)	View Document

2.4.4**Percentage of full time teachers working in the institution throughout during the last five years****Response:** 60.98**2.4.4.1 Number of full time teachers worked in the institution throughout during the last five years:**

Response: 75

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:** 16.2**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
9	8	14	33	17

File Description	Document
Result Sheet with date of publication	View Document
Policy document on Declaration of results (if any)	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: 4.87

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
154	90	139	167	101

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
3131	2913	2557	2375	2399

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
Provide Links for any other relevant document to support the claim (if any)	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:

Examination Procedures:

- The CoE office meticulously follows all examination protocols stipulated by the University;
- To ensure the integrity and confidentiality of the evaluation process, the college has appointed senior faculty members as the Controller and Deputy Controller, and experienced administrative staff with prior experience conducting exams at the university level;
- The integrity and confidentiality of the CoE's office is maintained by upgrading stricter protocols;
- The college periodically conducts rigorous evaluations of the examination system at meetings of statutory bodies like the Board of Studies, Academic Council, and Governing Council.
- To ensure a comprehensive evaluation, a blueprint for question setting has been introduced. This blueprint ensures a uniform distribution of questions from various modules and types, catering to different types of learners.
- Based on the blue-print, question banks are being constantly updated for efficient paper-setting.
- Centralized valuation of answer scripts by internal and external faculty has been introduced to facilitate timely publication of results. After Covid, the system of home evaluation was introduced to aid quick publication of results.
- Question-paper setters, both internal and external as required, are identified and nominated by the BoS.
- During the Covid pandemic, the office of the CoE conducted end semester examinations in eight centres in the whole of Kerala, including Lakshadweep, to ensure that students faced no difficulty in appearing for their exams.

Processes in IT Integration

- The college has regularly upgraded the IT infrastructure of the office of the CoE, including computer systems, printers, scanners, cameras, and a biometric fingerprint scanner;
- The entire examination process, from registration to mark generation, is automated. Special software has been provided to accommodate visually impaired students.
- A full-time software engineer has been appointed to the office of the CoE;
- The college has recently introduced a barcode system for PG examinations to further enhance the security and integrity of the evaluation process. This system helps in accurately identifying and tracking answer scripts, reducing the possibility of errors or mix-ups.
- The End Semester Examination results have been integrated into the College Management

System (CMS), making tabulation and marks card generation easier.

- Students can download their hall-tickets, and access and download their marks cards through their login page
- Teachers can view the marks of all students through their own login page.
- The college has implemented online attendance entry, which blocks students with less than 75% aggregate attendance from exam registration.
- To protect against fraud and duplication, the college has introduced final mark lists with more than 10 security features, including holograms. These measures ensure the authenticity and validity of the marks-cards.

Continuous internal assessment (CIA)

- The CIA is implemented by a central committee which ensures that:
 - The academic calendar is followed for internal assessment;
 - Internal assessment questions are set on time, scrutinized, and the answer papers evaluated promptly with adequate feedback;
 - Supplementary and re-examination for eligible students are conducted by the CLMC;
 - Marks for internal assessment are uploaded on time in the CMS, after redressing any grievances which students may have.

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:

Boards of Studies (BoS) of all departments have formulated programme outcomes (PO), programme specific outcome (PSO) and course outcomes (CO) on the basis of the guidelines issued by NAAC for the same. They have been incorporated within the syllabi and are available on the College website. The COs are expressed as sentences which clearly describe the basic and advanced knowledge of the subject, the abilities and skill in practicing the knowledge, and overall competencies that students are expected to attain on completing the programme of study. The print version of the syllabi with the COs is available in the respective departments, in the IQAC, the Dean's office and in the Principal's office for ready reference for teachers and students. Some of the departments display the COs on the notice board of the department. The Faculty Advisors, explain the CO's of each course in detail in the class orientation programme. The teachers handling a particular course also disseminate the relevance and opportunities of the subject of study by describing the CO's in the class room.

The college evaluates the fulfilment of learning outcomes through various methods. One method is the Course-level Assessment which includes: Continuous Assessment, End semester Examination, lab examination, seminars, project evaluation and viva voce examination depending upon course type. In order to measure the attainment of the POs, PSOs and COs, there is a very specific blueprint created by the Controller of Examinations to ensure that course content is covered through the different question types for the examinations. This indirectly ensures the fulfilment of the learning outcomes specified. The Pass Board meeting conducted prior to the declaration of the result of a programme discusses the results of each programme as well as the pass percentage. The BoS, the Academic Council and Governing Body critically evaluate the results of the students and make an assessment about the level of the outcomes achieved. The Academic Audit Committee also evaluates the learning outcomes every year. The report categorically explains the academic performance of the departments. In the report, the AAC points out the action plan to address the gaps which helps as input during the review of any programme and the strategic planning of the institution. Another method is evaluating the progression in the performance of a student through parents' Open House at the end of each ESE. The alumni profile of the college over the years is also a measure of the high levels of attainment of learning outcomes. Another method involves the institutional mechanism of collecting various feedback on curriculum from five of its stakeholders. This is available in the IQAC website <http://www.miciqac.com/>. The IQAC conducts critical analysis on the feedback submitted online and evaluates the attainment of PO, PSO and CO of all courses. Online feedback facility is also available for employers who give their evaluation of former students of the college whom they have employed, thus indirectly assessing the fulfilling of the programme learning outcomes.

File Description	Document
Upload POs and COs for all courses (exemplars from Glossary)	View Document
Upload any additional information	View Document

2.6.2

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

Response: 81.92

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

Response: 915

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:

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 Institution has a comprehensive research policy which is frequently updated to ensure qualitative and ethical research ecosystem in the college and is uploaded on the website. The policy specifics the guidelines for Research Ethics, Publication, Funding and financial Management, Intellectual Property Rights, Data Protection and Management, Collaboration, etc. The research activities of the college are streamlined under the aegis of Research Advisory Council (RAC) nominated the Research and Development Cell (RDC) which act as a facilitator for all research activities.

Physical infrastructure, laboratories, instrumentation, IT, library and literatures facilities are frequently augmented using the internal and the extra mural research fundings. A scheme of awarding seed money for faculty was introduced. Researchers are constantly encouraged to publish at least 2 peer reviewed articles every year and providing financial incentives for their every third academic publications. The RAC conducts Annual Researcher's Meet every year. It encourages researchers to present their research findings. Best researchers are honoured on the occasion.

The college publishes three annual research journals, Chetana for science, Innovatus for Business Studies and Verbum for literature. Each department is recommended to conduct as many national and international conferences. Erudite lectures are being conducted frequently. Various MoUs including those with international agencies are being signed. Modern laboratories and an Animal House were established for animal experiments. Consultancy activities by the faculty are promoted by providing necessary support.

The Research Information System, networked with the Indian Research Information Network System (IRINS) of the INFLIBNET Centre facilitate publications, research projects, fellowships, collaborations, patents, thrust areas, innovations etc. This integrates academic publications and integrity tools such as ORCID ID, Scopus ID, Google Scholar ID, etc facilitating the ingestion of scholarly publications of Mar Ivanios College Faculty from various sources. Researchers are provided Wi-Fi facility for remote access to academic and research databases.

The college has been placed in the top 50 colleges in NIRF ranking, consecutively for the last 6 years and the research performance of the college is one of the strong components in NIRF. The improved facilities for quality research are evidenced from

- From the 6 approved research centres a total of 45 PhDs were produced during the last 5 years.
- A total of number of 300 care listed publications, 10 patents, discovery of, 8 new species of earthworm, 10 new functional materials.
- Adequate research laboratories with instrumentation facilities,
- Conducted erudite scholar-in residence lectures (Prof. Dan Duda from Harvard Medical school,

Prof. Ajayan Vinu, University of Newcastle, Australia, Prof. Max M Haggblom, University of New Jersey, USA etc.)

- Collaborative research with international universities like Harvard Medical Centre and many national institutions are some of the major highlights.
- One of our former faculty members was placed in the top 2% of Scientists consecutively for the last three years published by Stanford University.
- The Research Centres of the college collaborate with R&D Organizations like CDAC, TBGRI, ISRO, IISER, IIST etc.,
- Research fundings from DBT, DST, UGC etc.,
- MoUs with various institutions.
- Extension of technical support and laboratory facilities to outside institutions and researchers

File Description	Document
Upload any additional information	View Document
Provide links as Additional Information	View Document

3.1.2

The institution provides seed money to its teachers for research

Response: 21.16

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
13.662	2	0	0	5.5

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
Provide Links for any other relevant document to support the claim (if any)	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: 7.56

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: 18

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
Provide Links for any other relevant document to support the claim (if any)	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: 239.15

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
Provide Links for any other relevant document to support the claim (if any)	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: 0.16

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

Response: 37

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
Provide Links for any other relevant document to support the claim (if any)	View Document

3.2.3

Percentage of teachers recognised as research guides as in the latest completed academic year**Response:** 23.4**3.2.3.1 Number of teachers recognised as research guides as in the latest completed academic year:**

Response: 33

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:

Mar Ivanios College has taken intensive steps to bring about a culture of Entrepreneurship/incubation and innovation inside the campus. For the last 9 years the college is actively involved in entrepreneurial activities through the Innovation and Entrepreneurship Development Cell (IEDC). Seminars/workshops/training programmes are organized and the students are motivated to become entrepreneurs. The IEDC aims: to act as an institutional mechanism for providing various services to budding entrepreneurs; to create entrepreneurial culture in the college and other institutions in the region; to inculcate a culture of innovation-driven entrepreneurship through student projects; to catalyse development of S&T knowledge-based enterprises and promote employment opportunities in innovative areas; to respond effectively to the challenges and opportunities both at national and international level relating to SMEs and micro enterprises.

Cardinal Cleemis center for innovations & entrepreneurship (CCCIET) and the B-hub established in the campus facilitate our students for creating a platform to work, learn & network for startups, product companies, etc.(<https://bhuglobal.com/>). The Research Development Cell (RDC) of the college facilitates incubation/creation and transfer of knowledge. The main functions relating to this are: Creating physical and cyber infrastructure, support systems for knowledge creation and transfer, and facilitating networking with professional resources including through various national/international seminars/workshops.

The IPR cell established under KSCSTE aims to coordinate the high-end research activities leading to patenting and technology transfer (two new patent applications submitted). The institution has set up a Molecular Biology Laboratory with the support of DBT Star College Scheme. The laboratory provides experimental research facility for Molecular Biology, Animal Cell culture lab, and Microbiology lab. The

Animal House established in accordance with the CPCSEA regulation is a unique facility of the college.

As part of widening knowledge of Indian perspective, the Department of Zoology has established an Earthworm Research Centre where all para-type earthworms of Kerala and Andaman Nicobar Islands of the Indian sub-continent are protected. The Centre has the credit of identifying eight new species of earthworms in the recent past, including one that was named after the college.

Nano Rare -earth ceramics materials for electronic and functional devices are of crucial importance and the college is providing technical support and extending laboratory facilities every year to more than 10 institutes in Kerala for the processing of nanoceramics and sintering. A centralized Instrumentation centre is functioning since 2006 for researchers in Physics, Chemistry and Zoology. There are 16 research laboratories in the college and the quantum of research output is evident from the publications, patents etc. Ms Amala Dev A R, Research Scholar, Chemistry and Ms Nayana Nirmal, Research scholar Physics were selected for student startups (idea phase) under 'From Lab to Society' programme by the Kerala University Business Innovation and Incubation Centre in 2022.

Newly recruited teachers are given technical support for identifying and drafting research projects, identifying various funding agencies, identifying research problems in thrust areas, etc. All researchers have access to the many free e-resources such as J-STOR DELNET, ProQuest, Management journals etc. and other free resources.

File Description	Document
Upload any additional information	View Document
Link for Any other 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: A. All of the above

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

3.4.2

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

Response: 4.12

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

Response: 136

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
Provide Links for any other relevant document to support the claim (if any)	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: 1.27

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

Response: 302

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
Link re-directing to journal source-cite website in case of digital journals	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: 115

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: 0

File Description	Document
Bibliometrics of the publications during the last five years	View Document
Any additional information	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: 0

File Description	Document
Bibliometrics 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: 53.99

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
30.50	6.36	17.13	0	0

File Description	Document
Letter from the corporate to whom training was imparted along with the fee paid.	View 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
Provide Links for any other relevant document to support the claim (if any)	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:

MIC's "Multi-Dimensional Ivanian" approach prioritizes social commitment. The college provides financial aid for weaker sections, conducts awareness programs on such vital social issues as animal rights and drug abuse, disseminates knowledge to the wider community, and offers succour during natural disasters. The commendable services of the NSS/NCC units are supplemented by the outreach activities of extension clubs and various departments. **Construction of houses for the underprivileged, blood donation, support for the PWD, and NCC's participation in "Puneet Sagar Abhiyan"** (a beach cleaning initiative) are cases in point. **The Science Facilitation Centre, Project Ganitham, and the 'Let Us Dream' project are exemplary instances of MIC students mentoring school students. The college contributed to the relief measures during the 2018 floods and the Covid-19 pandemic by mobilizing resources and volunteering.**

The following case studies illustrate MIC's social commitment:

1. Home for The Needy

In 2019, the NSS unit marked MIC's 70th anniversary by building a house for Akhil Ashokan, a BSc Chemistry student, with a budget of Rs. 4,75,000. 100 NSS volunteers raised the funds through contributions from faculty, students, and other well-wishers. The volunteers also put in manual labour to limit the budget. The keys were handed over by His Beatitude Cardinal Cleemis Catholicos, Patron and Manager, on 05.03.2021.

In 2022, Rs. 100,000/- was raised under the Department of Commerce's "Karuthal Kaithangu" initiative to complete a house for Mr. Radhakrishnan, a part-time rubber tapping employee who was disabled in an accident. 21 students from PG S4 spearheaded the initiative.

2. Flood Relief 2018

The faculty and students actively participated in relief measures during the 2018 Kerala floods. Money, medicines, food and clothing worth more than Rs.5,00,000/- were collected and handed over to the collection centres in the district. Many students were actively involved in the cleaning of houses in the flood-affected areas of Pathanamthitta. The counselling centre of the college extended its services to the flood victims.

3. COVID-19 Relief

During the pandemic, the college management opened up the entire campus, including the hostels, for being used as isolation centres. The college community distributed masks and sanitisers worth more than Rs. 2,00,000/- to the needy. Rs.10,000/- each was disbursed to 27 students of the college whose families were suffering from loss of income or demise of parents due to the pandemic. Multiple vaccination drives were conducted during June-September 2021 for the benefit of students, staff, retired staff, and the family members of the staff.

4. 'Let Us Dream' Life Skills Initiative

'Let Us Dream' is an innovative venture wherein students of the college (from Economics, English, and Commerce departments) received training on life skills, and acted as mentors for weak students from neighbouring schools. The beneficiaries were Upper Primary students from three schools, viz. St. Rita's UP School, Sarvodaya Central Vidyalaya, and Navajeevan Bethany Vidyalaya. 29 students from MIC were involved in guiding 62 school students. The program has been praised by all stake holders including the teachers of the participating schools and the parents of the college and school students.

File Description	Document
Upload any 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: 170

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
45	23	48	36	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
Provide Links for any other relevant document to support the claim (if any)	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: 36

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
Provide Links for any other relevant document to support the claim (if any)	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:

The college is an eco-friendly and wifi enabled campus of 26 acres land, located in the Mar Ivanios Vidya Nagar(180 acres) with 12 other educational institutions. The institution has eight separate blocks with a built-up area of 27158.62 m² to cater to 18 UG , 9 PG and 6 PhD programmes. Consistent efforts have been made to augment the infrastructure facilities by adding class rooms, ICT facilities, laboratories and equipment, toilets facilities, etc.

Details: (Built up area in sq. ft. is given in brackets)

Main Block (with lift access) (57165), Reception, IQAC room, administrative offices, Conference Halls, Departments of Botany, Bio-technology, Economics, Malayalam, Languages, , Bio-Tech lab, Botany lab, 23 class rooms.

Physical Science Block (42695) Departments of Physics and Chemistry, multimedia room, PG and UG labs and 10 class rooms, Research Rooms, Ladies and Gents toilets

Library and Auditorium Block (37956) Auditorium, Library, Departments of Zoology and Mathematics, Research Centres of Zoology and Mathematics, Zoology labs, 5 class rooms, Animal house. Multimedia seminar Halls, Computer centre, CMS server room.

Commerce Block (40368) Departments of Commerce, Tourism, Journalism and Mass Communication, Media Hall, Commerce Research Centre, Computer labs, 13 class rooms, Audio Visual room and media lab

The Old English Block (12544) English Research Centre, Hall, Audio Visual room, 5 class rooms, Cafeteria, Chemistry Research Lab, Co-operative Store and Bank

Physical Education Block (7025) Department of Physical Education, Canteen, offices of the NCC, NSS and Gymnasium.

The New English Block (3961.12) Department of English, 3 Class Rooms, Faculty and HOD Room, Boys' and girls' toilets

CoE Block (18500) Office, Server, 8 computers, Projector, 6 printers; College Chapel, IGNOU office and Computer lab.

SF block (19450) Departments of, Computer science, English (SF), Analytical Economics and B. Com (SF), Faculty rooms for Statistics, Class rooms, Computer lab and 29 class rooms, 8 faculty rooms, office, Infirmary, boys' and girls' toilets.

Research Labs-5 laboratories,

The campus is CCTV enabled with the following infrastructure.

- 16 Staff rooms, 88 class rooms, 5 Academic halls (~150 capacity), 1 Auditorium (1500 capacity), 1 mini auditorium, 16 Major science labs, 16 Research labs, Fern House, Animal House, Green House,
- 2 Administrative office Rooms, Principal's office, Vice Principals' offices, Visitors launch, Bursar's office, IGNOU office room, 3 NCC office rooms, NSS room, 2 Counselling rooms, Electrical Maintenance Room, 3 Store rooms, Parking Area for staff and students, Visitors car park ground
- 50 ceiling mounted LCD projectors, 10 smart class rooms, of which 8 with interactive smart boards, 6 Computer labs
- Gymnasium, 3 Play grounds, 2 Basketball courts, Cricket/ football court
- Canteen(3594sqft) and cafeteria, 19 toilets for staff, a lady block with attached washrooms and rest rooms
- Accessible toilets and ramp
- Main library, 4 library extensions
- 2 College Buses
- Boys' hostel with capacity of 175 and 2 Girls' hostels with total capacity of 450.

Adequate infrastructural facilities are provided for conducting cultural and sports events. Yoga classes and practice are conducted in the Silver Jubilee Hall. The dedicated CMS is the LMS for the college and cater the needs for overall administration and academic support.

File Description	Document
Upload any 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: 39.88

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
96.61938	74.75034	100.19933	42.76499	42.29928

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
Provide Links for any other relevant document to support the claim (if any)	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:

The College library has 74 years of rich tradition, covering an area of 10424 sq.ft, It adheres to green energy and environmental protocols (ISO/IEC17020:2012 standards, audited on 06.03.2023)

The library effectively caters to the needs of its students, faculty/staff and researchers, offering a diverse range of learning resources. Its collection comprises 74259 printed books, 130 Journals/magazines, e-journals, e-books, and academic and research databases. Noteworthy special collections in the library encompass rare books on Science and Religion, the Indian Independence Movement, Indian Culture, Tradition, and Tourism, among others. The library meticulously preserves photos, manuscripts, and rare documents dating back to the college's inception. Inclusivity is a priority, with the library offering support to students with various disabilities.

The library holds institutional membership in Kerala University Library (KUL), facilitating off-campus access to INFED-eShodhsindhu and Knimbus Digital Library (ID 1201242). Additionally, the college library is a member of N-LIST and DELNET.

I Automation: Year: 2002, LIBSOFT software, upgraded in 2014, Web-OPAC, Barcode, Automated Gate Register

Migrated to KOHA in 2023, 23.5, cloud-based, QR code facilities

II User Management and Daily Visit

- Manage the daily tracking of visitors and usage statistics
- The library portal (MIC Library—Mar Ivanios College) is connected to <https://analytics.google.com> to get periodical e-resources usage data.
- Average users online & footfall for 2022-2023: **38.44 %**

III Academic Databases and Network

KUL- Off-Campus Access (ID 1201242)

- **E-shodhsindhu- INFED:** American Chemical Society (ACS), American Institute of Physics, American Physical Society (APS), Annual Reviews, Emerald, EBSCO Discovery Services and EBSCO host Research Database, EPWRF (E P W Research Foundation), , Indian Journals, IOP, J-gate Plus, JSTOR, , NotNul: Hindi Database, Oxford University Press, Project Muse, Royal Society of Chemistry, , , , , , , ,
- Multimedia, Bloomsbury Collections, Taylor & Francis, ACM Digital Library, PubMed, EBSCO
- **N-LIST**

IV Archives and Records Management (Industrial Repository)

Web-based Institutional Repository (miclibrary.org/digital-repository)

V E-Learning Management System (Moodle): E-resources are linked to the e-learning platform of the college (Mar Ivanios College (miclms.in)) which helps users` access to all learning resources (e-books-video,articles) on a single platform from anywhere. The Librarian serves as the Moodle administrator for the college.

VI Research Support Services and Network

College Library is the Nodal Centre and the Librarian is the Nodal officer of the following

- **Indian Research Information Network System (IRINS)**
- **VIDWAN**

The academic/Research profile of the faculty of Mar Ivanios College is accessible through the database MIC (irins.org)

VII Information Literacy programmes.

- Academic Integrity and Research Ethics Awareness
- Health Literacy Awareness
- Academic awareness programmes for UG/PG/Researchers/ Newly recruited Faculty

VIII Extension Activities

- **UGC PARAMARSH Scheme:** The Librarian is a mentor of six college libraries under the UGC-PARAMARSH Scheme attached to Mar Ivanios College (2020-2022)
- Reading Week and Book Exhibitions
- Add-on Courses/Certificate Courses: Conducting courses for students
- Publishing Activities: Nodal Centre for getting ISBN, Assisting ISBN, assistance for plagiarism checking

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: 7.39

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
22.80348	16.62474	11.69634	8.61892	6.36137

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:**

Mar Ivanios College is the pioneering HEI in the state to establish a computer centre in the state of Kerala, as early as in 1985 with four 256 processor Computers, one 512 processor computer, one Co lour monitor, one 80 column Dot-matrix printer and one 132 column dot matrix printer. It was made possible with the support of the erstwhile Royal family of Travancore, alumni from Middle Eastern countries and the college management. Ever since its inception the college has consistently upgraded its IT facilities as per the following details.

Existing facilities (Desktops -Main Block-117, Commerce &JMC-21,CoE &IGNOU-40,Physical science-27, SF-51,Others-11, Total-267; Knowledge Pro CMS, LIBSOFT, Smart Board-8, Projectors-31, Television set 10, Servers-2, Laser printers-10, scanners-4; Dedicated LAN, Ethernet and Wifi, HP DL380p Server supports Moodle, Propriety and open-source software; personal laptops for 149 teachers with wifi enabled, Firewall-Cyberom,iMac system and FCP 7 software, Propriety software, Open source softwares, wifi access to all faculty members, Remote access to INFLIBNET, DELNET, NDL, NPTEL, LIBSOFT with Web-based Catalogue (Web-OPAC), Automated Gate Register, etc.

Major modules of IT upgradation

IT facility	Date of Updation	Nature of Updation
Computer Centres	2022,2023	Renovation of 5 computer labs with computer accessories
Purchase of new Computers	29.09.2018 11.08.2023 08.03.2022	Upgraded Intel Core i5 in Computer Science Department, New laptops, 5 pc in CoE Office
New computer lab (Mathematics, Commerce)	2022	2
Big TV screen (Silver Jubille Hall, Chemistry)	2023	2
Smart interactive screen, Principals Conference hall 65")	20.02.2021	1
Computer software	2021,2022,2023	Licensed version of Windows, MS Office, OBS, Canva, Irfan, Viewer and other software
KnowledgePro CMS	01.09.2022	Purchased and upgraded.
Ethernet LAN.	2021,2022,2023,2024	LAN in Departments of English, Biotechnology, Administrative Block, IQAC, Library, Chemistry

		Research, MTTM
Wi-Fi & Internet (ASIANET)	July 2023	Enhanced bandwidth from 100Mbps to 150 Mbps (1:1) with a 24x7 leased line
Wi-Fi & Internet (BSNL)	2023	2 connections ;30 Mbps
Wi-Fi router	2021, 2022, 2023, 2024	New installed in English Dept, IQAC, Commerce, MTTM
free-Wi-Fi access	2016-2024	All faculty & Research Scholars given high speed internet access
Propriety software	31.03.2017	Installation
Open source softwares	15.02.2017	Installation
Moodle	2019	Installed in e-learning centre
KOHA Library Software	28.12.2023	Installation
AMC & Warranty for IT accessories	23.05.2023	Renewal and Extended warranty for Computers
	26.09.2023	
Server & Cloud	14.05.2015, 2019, 2023	Upgraded - HP DL380p Server AWS Server in Library Server for Question bank
DELNET, DELNET	12.09.2016	e-journals-library- Remote access to INFLIBNET, DELNET, NDL, NPTEL,etc. to faculty and students ensured
Projectors	18.11.2022 18.08.2023	Installed in 31 classrooms LED Projector for Silver Jubilee Hall
UPS, Generator 160KVA & 82.5KVA	07.12.2023 02.01.2023 25.09.2023	New UPS SF, New Generator Main Block, Generator to Hostel
Sound System	25.07.2022	Upgraded PA system,
Neck Band PAS	06.10.2022	Gregorios Hall and Auditorium
	15.09.2023	Portable PA system for Teachers
Digital Camera	13.10.2022	New Canon EOS R10
Website updating and maintenance	24.08.2022	Upgraded to new website

Maintenance of Computers and IT facility	17.05.2022	10% of the budget for hardware set apart Upgraded PC's with SSD, latest motherboard and updated software's.
	08.01.2023	
	31.03.2023	
	01.06.2023	
	08.08.2023	
CCTV & Biometric system	05.07.2022	CoE office, English dept, SF Block, Library
	02.09.2022	
	16.08.2023	
Library Management software	22.03.2014	Upgraded Web-OPAC and Automated Gate Register
Printers	31.03.2022	10 No's in faculty rooms. 1 KYOCERA multipurpose printer CoE Office
	12.07.2023	
	06.07.2022	
Bar Coding system & Scanner	08.03.2022	COE Office
	31.03.2023	
YouTube Channel		Faculty & Institutional You Tube

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:** 11.38**4.3.2.1 Number of computers available for students' usage during the latest completed academic year:****Response:** 266

File Description	Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	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:

Audio-Visual Centre:

The A-V production of the college includes shooting and editing facilities with cameras and dedicated systems. The department of Journalism and Mass Communication has incorporated hands-on training to students in visual communication through documentary film making, short fictions, TV news stories and PSAs (Public Service Advertisements or Announcements). The training module includes idea generation, conceptualisation, treatment finalisation, shooting, scripting, editing and sound mixing and feedback. The whole exercise is structured as a course with 4 credits in the fifth semester. Students need to appear viva voce examination with their productions and documentation and have to undergo continuous evaluation. Visual and audio editing of these programmes are supported by the department with an iMac system and FCP 7 software. Students are sensitised in visual aesthetics, data and information collection, writing to pictures, visual structuring and effective use of sound with theory and practical classes. About 200 videos are uploaded so far in the channel. Besides students are conducting campus radio programmes during festivals and special occasions. Radio documentaries are produced by students as part of their assignments.

Besides, several faculty members have You tube channels to upload their lectures online. Faculty members are equipped with e-content development skills by using OBS, Canva, Irfan Viewer and other software. The college has conducted special training sessions in association with ICT Academy, Govt. of Kerala to train faculty members in various content development initiatives.

E-Content Development Facilities

The facilities of e-content development in Mar Ivanios College (Autonomous) encompass a wide range of tools and resources. IQAC is providing hardware and software support for faculty members to present and record online lectures and webinars with dedicated computer systems, mics and web cameras. IQAC with the help of IT cell of the college is also providing zoom platform for conducting webinars with more than 500 participants. They have installed technical support system to LIVE stream webinars.

Learning Management System (LMS) <https://miclms.in/>

The college's Learning Management System (LMS), Moodle, facilitates e-learning opportunities for faculty and students. This includes course administration, management, course delivery, assessment, and student evaluation. The college successfully conducted online classes and internal examinations during

the COVID-19 period. The college's LMS operates on a cloud server, with each teacher and student having an individual login ID. The LMS enables teachers to upload course materials in texts, e-books, images, video, and audio formats.

Newspaper Design and Production:

The Department is publishing a monthly journal called 'Netra' to familiarise and train students in identifying news stories, reporting, photo journalism, editing and writing in various formats, page design and final production. From 2021 onwards, the department has incorporated this exercise as an additional course with 2 credits. A group of students (not greater than 5) work together and produce a newspaper before the deadline under the supervision of a faculty member during the third and fourth semesters. This journal is evaluated through the viva voce examination at the end of the semester.

Video-Editing

Video editing is facilitated with FCP software in apple desktop system. Cloud Storage and sharing Platforms have been installed with the following specs: m5ad.xlarge server, 600 GB storage, daily backup

Supporting documents and Pictures are attached

File Description	Document
Upload any 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: 44.23

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
114.80184	100.38884	79.72187	54.60347	46.01071

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
Provide Links for any other relevant document to support the claim (if any)	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:

General system: The principal with the college council take all initiatives in maintaining academic and administrative infrastructure. The Bursar and Estate Officer implement the proper maintenance and upkeep of the infrastructure. Vice Principals monitor curricular and extra-curricular activities respectively. The HODs implement decisions at the department level. Committees/clubs are governed by faculty coordinators.

Regular maintenance of all physical facilities including IT are carried out by supporting staff. This includes Technicians, Electricians, carpenters' gardeners, plumbers, office assistants, lab assistants and helpers. Saving power is ensured in all the activities. The college campus and the Mar Ivanios Vidya Nagar are guarded at all entry and exit points, round-the clock security and CCTV surveillance system.

All the physical facilities are accessible to faculty and students through a system of issue registers that record the details of the events including the schedule. This intend has to be channelled through the respective HODs/ coordinator of various clubs and submitted to the Principal/Bursar for approval and issue. The items /facilities have to be maintained without any damage and penalty will be levied if damaged. This system is applicable in the case of using physical facilities also. The report with geotagged photos are also compulsorily be submitted to the IQAC after the conduct of any programme

Laboratories: The HOD and faculty oversee the laboratories, maintain the stock record, and monitor the lab usage. Lab attenders support the students and teachers in conducting experiments by preparing specimens, re-agents etc. and setting up instruments.

Library: The librarian and library assistants administer the library with the guidance from the Advisory

council. The daily use of the library is monitored via an automatic gate register. Using LIBSOFT, books are bar coded and organized as per the DDC classification scheme. Automation is used for technical tasks, cataloguing, and circulation. All users have remote access to the library's online resources. Researchers are being supported with the library assistance to create awareness in accessing digital information. Standard IT infrastructure, such as WIFI connectivity and E-learning infrastructure, are maintained properly with the support of the college IT professional.

IT Facility: The Director of the computer centre along with the supporting staff are in charge of maintaining the IT facilities. The server, software's, CMS, wifi, internet, and e-office procedures are properly maintained by the staff. Trouble if any are any reported by e-mail will be addressed and rectified in time. Repair/Upgrade/ purchase of hardware/software are also taken care of by the system administrator. Internet/intranet/LAN facilities are also fully functional and are properly maintained and monitored.

Sports facilities: The College has four playgrounds including two basketball courts and one practice ground which are utilized by staff and students to the maximum. The playgrounds, gymnasium, and other sports infrastructure are under the custody and monitoring of the faculty and coaches of the physical education department, and they strictly ensure that the same are properly maintained by students/staff. They also make sure that balls and sports kit items are always made available.

File Description	Document
Upload any 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: 50.21

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
1811	1165	1225	1247	1326

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:

The college adopts multiple mechanisms to offer career guidance, training and counselling to students with a dedicated Career Training and Placement Cell which organizes/ coordinates such programmes. Also, all the departments conduct career sessions and orientations in a frequent manner. Every batch has

a faculty who is the primary career counsellor and adviser to students. All the faculty also engage in motivational and value-based advice to students in the class. Every year a one-week initiation session is organized for freshers which deals also with higher education, research, and job opportunities. The college has two professional counsellors, who along with personal and emotional counselling, give career guidance and helps to students individually and as groups. During COVID lockdown the counsellors and faculty advisers on a regular basis gave e-counselling to needy students which continues post-covid also. Each class has a career cell representative and the Career Cell maintains a whatsapp group for them through which all information and notices/brochures about career sessions are communicated to students. All batches have whatsapp groups through which faculty advisers/ career cell communicate information. Placement drives are conducted on a regular basis through which many students are recruited. Departments undertake preparation for competitive and professional examinations. For example, B Com (Accounts & Audit) has CA examination preparation sessions regularly as part of the curriculum; science departments offer GATE/JAM coaching. Journalism department has a weekly get together of all students on Thursdays named "Vyazhavettam" in which many industry experts address students with career options. Maths department arranged alumni session on higher study options abroad. Many depts/ Career Cell regularly organize NET Coaching sessions for PG students. The college has a galaxy of alumni luminaries working in different parts of the world and their career guidance sessions are arranged for their juniors. The college conducted Graduation Day for UG/PG graduates with a career talk by eminent academicians like Prof Debashis Chatterjee (Director, IIMK-8 Oct 2020) and Prof Sabu Thomas (VC, MG Unty, 22 Sept 2021).

A few of the career awareness sessions conducted during the assessment period:

- NTA-UGC-NET Paper I workshops and 60 hour training.
- Soft skill training program- SMART TOUCH- sessions for UG final years.
- "Securing Your Future with Lucrative Jobs and Study Abroad" by the Centre for American Studies.
- Seminar on Mastering Competitive Examinations (KAS Mentor).
- Counselling session for students seeking overseas education in association with IDP Education India.
- Pre-placement training workshop titled 'Job Essentials' by Phoenix Career Mentors.
- Online felicitation for 2 UPSC (2019) alumni toppers and a Civil Service Orientation Talk.
- Talks "Applying Economics in the Face of New and Growing Risks" and "Reinventing Your Career in the Post-Covid Era".
- "Resume & Profile Building" and "Bank Interview Preparation" by IMS Learning Centre, Cochin for final year UG and PG students
- "How Can a Fresh Graduate Get a Job" in collaboration with Skillspark-The Finishing School Pvt. Ltd
- "Opportunities in the Aviation Industry" in association with AI SATS Airport Services Pvt. Ltd
- Seminar on studying and living in the UK by Project Manager for HE at the British Council.

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
Provide Links for any other relevant document to support the claim (if any)	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
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee monitoring the activities and number of grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	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: 80.51

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
896	801	752	585	621

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: 1.98**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
28	18	16	1	27

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:** 801**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
110	219	0	242	230

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:

Mar Ivanios College has always been known for an active, vibrant student community. Students contribute to policy making by regularly exercising democratic rights to choose representatives who form the Student Parliament, who, in turn, elect the Chairman and office-bearers of the College Union. The elections are held annually under parliamentary mode as per Lyngdoh Committee report.

The Union spearheads multiple socio-cultural activities that foster a vibrant campus and facilitate organic, multipronged growth of students.

- Arts and cultural fests such as 'Kelikott' and 'Thira' conducted to nourish the artistic gifts of the students.
- 'Union Day' and 'Arts Fest' are additional avenues to express their talents.
- Active film club 'Aparajito' for film screenings, discussions, and quizzes.
- Annual Sports tournaments like Cricket, Volleyball, and Football to inculcate the importance of fitness and sportsman spirit.
- A cut post penalty tournament 'Singappenney' organized in 2019 exclusively for female students.

Many events are designed to reflect institution's social commitment:

- Oppam (orphanage visit), Kadama (initiative to provide food for patients and bystanders of Trivandrum Medical College), Sweet Fest Diwali (stressing on a cracker free Diwali to reduce pollution), Sreeman Sreemathi Contest (to promote mother tongue usage).
- Street plays and face painting competitions conducted with socially relevant themes like drug abuse, women's rights.
- 'Kannu Thurakkatha Davingale', street play in November 2019, about a rape and murder case, highlighted the ineptitude of the legal system.
- Open mic events 'Shabdham' are routinely conducted to ensure the students platform to voice their opinions on contentious and socially relevant topics.
- Elocution competition 'Echoes of Freedom' was organized to celebrate the nation's 75th anniversary of independence.

The Union also uses popular occasions such as Valentine's Day to groom students into responsible, socially committed citizens. For example,

- In 2020 musical event 'Jodha' as a tribute to the Jawans that tirelessly guard our nation
- In 2023 'Pancharamukhile Pranayam' as a platform to promote healthy discourses and discussions on toxic relationships.
- Onam 2021 (E-Onam Ponnonam) was successfully conducted online as per COVID-19 protocols.

As a major activity, the Union annually coordinates the training / participation in the University Youth Festival. About 350 students participate as contestants and volunteers after many months' long screening/training. Mar Ivanios is privileged to raise the Overall Championship consecutively for many years pushing behind more than 80 colleges, and in most years bagging also individual male/female championships.

The Union has a considerable influence on shaping policy matters of the institution. Genuine concerns/demands of students are communicated to the Principal through the Union and appropriate decisions are taken after discussions in the College Council. Eg: Campaign for the implementation of menstrual leave for students, wifi facility for academic use, examination centres in various districts during Covid. Students are active stakeholders in the IQAC, and work in tandem with the management. The college also has a Student IQAC both for UG and PG. All the departments have Dept Associations all the office bearers of which are students and they conduct a variety of programmes. All students actively participate in revisions in curriculum delivery through mandatory feedback at the end of each semester.

File Description	Document
Upload any additional information	View Document
Provide the link for 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
Provide Links for any other relevant document to support the claim (if any)	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: 51.18

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
2.29	14.45	9.67	10.38	14.39

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 is proud that its great legacy is prevailed through its Alumni Association. All former students are enrolled into the Association of Mar Ivanios College Old Students (AMICOS). Apart from the main chapter, it also has various regional chapters across the globe. The alumni are the brand ambassadors of the college and the present admirable public perception of the college is mainly attributed to the exemplary performance of its former students in their respective arena all over the world. The robust alumni network has contributed immensely to the development and sustained excellence of the institution. AMICOS recognises academic merit by awarding proficiency prizes for rank holders of all UG/PG programmes each year. It also regularly conducts invited lecture series and career guidance sessions by industry/subject experts/ entrepreneurs and distinguished alumni for final year students. A such lecture series was inaugurated on 25 November 2020.

AMICOS displayed its commitment to social welfare by conducting COVID-19 vaccination drives within the campus in association with KIMS Health Care. A total of 580 people were vaccinated on 22.06.2021/08.09.2021, including staff members/family/retired teachers/ former students. Alumni members contributed Rs. 1.6 lakh to the COVID Relief Fund of the College in order to support economically disadvantaged students during the pandemic. PDC 1992-1994 batch gifted two TV sets and four Tabs to Govt. LP School, Mudavanmugal on 16th July 2021.

AMICOS fraternity is consistently involved in charitable initiatives. On 27th June 2021 they contributed Rs 2 lakhs to Sanjay J.S. (BA Economics 2013-2016 batch) who had undergone a surgery due to a brain blood clot. Also, Rs. 60,000 to Jwala Jose (M.Sc Physics) to finance her participation in the World Cup Powerlifting competition (Istanbul, 31st October to 4th November 2022) AMICOS Kuwait Chapter sponsors a noon meal programme which provides lunch to approximately 30-50 students from needy backgrounds on working days for which they donate Rs. 75,000 every year.

The Alumni generously donate to improving the infrastructure. AMICOS launched a fundraiser for a seven storeyed building called Fr. Geevarghese Panicker International Research Centre (approx.14,000 sq ft). The centre will have various research, career, extension, counselling, foreign language centres, lab facilities etc. As of 2023, a healthy contribution has been raised by AMICOS towards this goal.

Alumni conduct batch wise get togethers all throughout the year. In 2022-23 alone, 14 such get together were conducted. A mega reunion of batches from 1949 to 2021 'DOWN MEMORY LANE' was held on 24th October 2022 in which about 4000 alumni participated and around Rs. 10 lakhs were received as voluntary contributions/ registration fees. An excellence award is given to notable alumni every year. Alumni organized a walkathon to the college on 22nd October 2022 in remembrance of its venerable founder. Memorial meetings are frequently held in homage to deceased teachers.

Alumni contributes to the academic functioning of the college in a constructive manner. IQAC takes curricular feedback from alumni periodically. All the BoS of the college have alumni representatives who significantly contribute to the curricular revision processes. Various alumni members have also instituted endowments to honour meritorious students.

File Description	Document
Upload any additional information	View 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 College envisions to be an internationally recognized institution of excellence in higher education, inculcating the values of truth and charity, for the protection and promotion of human dignity and of a cultural heritage, through teaching, research, and extension activities dedicated to society. The stature of the institution, over 75 years, has grown considerably high in tune with this vision. The college proposes to move forward from CPE to CE status, from Autonomous college to a University. The proposal for Deemed to be University, which is one of the most important perspective plans, was reached through a 3-day management-faculty representatives' interaction and workshop, held on 9-11 October 2021, and which after reviewing the college's potentials and functioning agreed to proceed and submit the application. The college also prepares to provide high quality education and research, establish an International centre for Research, launch student exchange, twinning, and online education programs, etc as part of the vision. The Managing Council, the Governing body, the College Council and the IQAC in association with other statutory bodies chalk out plans for the smooth and conducive functioning and ensures that all bodies align for a common goal.

The staff, parents, alumni, students, and the public being the pertinent stakeholders of the College, the Management and Administration makes it an agenda to promote participative management by regularly interacting with them for improving the infrastructure, the curriculum, teaching learning and evaluation processes and the functioning of the various committees and administrative matters. They also settle the grievances of the different stakeholders and appreciate the meritorious services rendered by the faculty in various streams.

The governance of the college is well decentralised. The Principal is the academic and administrative head of the institution, who functions in close consultation and interaction with the College Council consisting of the Heads of Departments and elected teacher representatives. Department Meetings are also held periodically and every important decision is taken in consultation. Teachers take leadership in Board of Studies, Academic Council, Finance Committee, IQAC, RPEC, AAC etc. Periodic meetings of students and parents with faculty advisors (specifically through open houses), HOD with faculty members, Principal with teaching staff and non-teaching staff, are regularly held. College council for policy making/administrative decisions meet at least once a month. Meetings with democratically elected student union members and various staff committees are also organized on a regular basis. The syllabi of all the programmes have been revised during the assessment period and this is done through a participatory discussion of the entire Board of Studies, with the faculty as members.

The college is all set to implement NEP in the coming academic year. College level workshops, department level discussions, and BoS workshops have been organized and more of them are scheduled

for the successful and efficient implementation of the NEP, specifically the 4-year UG programme. Class committees also were held in which all the faculty teaching in a class would come together and share feedback and inputs regarding innovations and revisions regarding the class. Students are also consulted on important matters related to this.

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

Mar Ivanios College through a well-structured framework ensures the effective deployment of the perspective plans. After the attainment of autonomy in 2014, establishing itself as a successful autonomous college, excelling in academics, research, examination process, graduation outcomes, inclusivity, etc. was a major plan. The administration of the college was decentralised with the appointment of Vice Principals, Controller of Examinations, Dean of Studies, Research Director, IQAC Faculty Quality Circles, etc, for the effective implementation of the perspective plan. The subsequent years, including those of the assessment period, saw the college establishing itself as one of the top-most colleges in the country, with NIRF rankings less than 50, since 2018. EducationWorld India, a leading educational agency/portal in the country, based on a field study powered by The Delhi-based Centre for Forecasting & Research (C fore) has ranked the private autonomous colleges in the country and Mar Ivanios was ranked No. 11 in 2021 and maintains top positions. Our focus has also been on introducing new undergraduate (UG) and postgraduate (PG) programs in line with local and global needs. The introduction of the specialized BCom (Accounts and Audit) program, specifically curated for CA aspirants, in 2018, the BA (Analytical Economics), aimed at civil service aspirants, and BA Communicative English in 2019, BSc Statistics, BSc Physics with machine learning, and MSc Statistics with specialisation in data analytics in 2020, all saw that the vision and plans were properly executed. The Bursar who is a resident in the campus and who represents the management on the campus is deployed to look into the augmentation of all infrastructural needs of the college proportionate to the introduction of new programmes and other curricular needs. Building more storeys to the already existing self-financing block and a new block to house the department of English provided adequate infrastructural provisions for the additional class room and related needs. In compliance with the plan of having more skill courses and industry tie-ups, the college established a Centre for Professional Studies and Industry Linkage (MICPS&IL), under whose umbrella a total of 41 certificate/diploma skill courses

have been offered to students currently.

The college has a very efficient, visionary and experienced management and the Major Archbishop-Catholicos of the Major Archdiocese of Thiruvananthapuram serves as the Patron and Manager. The Managing Council, led by the Manager, ensures compliance with UGC and Government of Kerala guidelines for appointing the Principal and staff, including staff on contract, on a merit basis. In compliance with UGC guidelines and the need for autonomy, several statutory bodies have been established. Governing Council proposes programs, conducts exams, sets fees, and regulates extracurriculars. Academic Council reviews course, admission, and research proposals. Board of Studies designs curriculum, recommends teaching methods, and coordinates academic activities. Finance Committee advises the Governing Council on budget, audits, and financial aspects. Staff follow UGC/Kerala Service Rules and SOP. Recruitment and promotions adhere to UGC/Kerala Service Rules or University statutes for fair selection and community reservations. All administrative and academic procedures are fully in place for the successful functioning of the college and are regularly monitored by the Manager/Principal.

File Description	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: A. All 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:

The college has always been keen on improving the career development and the welfare of the teaching and non-teaching staff. Laudable initiatives have been adopted time and again for this. The IQAC has efficiently organized many workshops and hands-on training sessions for the staff consistently. To mention a few, when digital platforms became the need of the hour, programmes such as Faculty Development Sessions in ICT tools for online teaching, Online Training on Video Creator and Editor, Moodle Workshop for teachers were organized. The Workshop on student mentoring was an eye-opener for the teachers. Faculty have also been encouraged to attend FDPs, workshops, seminars and conferences and the college has set apart a sizeable amount for the reimbursement of the expenses.

Classes on office etiquette, letter-writing and rules of administration were also conducted for the non-teaching staff to train them to carry out their tasks with ease. An atmosphere of research, which in turn aid to the career progression of the faculty, has been fostered through the organization of programmes such as orientation for publication in higher grade journals, reimbursement for membership in professional bodies, seed money and training to set up research labs and an Annual Research Day for felicitating research guides and faculty members for their research achievement. Excellent laboratories, computer centres, instrumentation, E-library facilities and research centers for promoting research work add to the facilities provided by the college for career progression and development. Promotion to higher designations (Associate Professor and Professor) is also done according to UGC norms. Retired eminent faculty continues to offer their expertise through re-appointments with attractive service conditions in the Self-Financing Wing of the institution.

The Staff Co-operative society offers financial assistance to staff through different loan schemes and they also provide incentives to children of the staff members who excel in education. Financial security has

been extended to all the staff through the Contributory pension and Provident Fund schemes. Salary advances for newly-recruited faculty and interest-free loans are also a boon to the staff. Maternity, paternity, casual, medical, commuted and half-pay leaves can be availed by the staff members. During the COVID pandemic, the college stepped up to conduct a vaccination drive in collaboration with a prominent hospital, namely KIMS, to ensure the health and safety of the college community. In milieu of the health of the staff, periodic medical check-ups are held on campus. Additionally, Zumba dance sessions and yoga classes are conducted by the Women's Cell of the college. Free wi-fi facility and also an official e-mail ID under the domain name of the institution are provided to all the teachers. Canteen food at a subsidized rate and also a separate space in the canteen, parking lot and the library are privileges and welfare measures for the staff. Play courts and facilities of gymnasium are also extended to the staff members. Staff celebrate major festivals like Onam and the Annual Faculty family get-together instill a sense of camaraderie amongst the staff members of the college.

File Description	Document
Upload any additional information	View Document
Provide the link for 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: 60.71

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
141	68	104	74	21

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format (data template)	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies	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: 59.38

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
136	64	104	74	21

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:

For mobilizing resources, the college is very keen on identifying various possible sources of funds and gather needed financial resources. It identifies various funding schemes announced by the Central/State Government, UGC, DST, etc from time to time through their communications, website notification, newspaper advertisements etc. For each scheme the Principal, in consultation with the college council, appoints a committee to prepare the proposal according to the guidelines specific to the scheme. The committee initially collects the requirements submitted by the departments and with the consent of Principal drafts the technical and financial proposal for UGC or any other Government funding. The proposal will be sent to the funding agency for evaluation and the Principal in person will make a presentation of the proposal wherever necessary. As a policy, faculty members are motivated to apply for research projects from UGC, DST, KSCSTE, DBT, etc. In the case of research projects, the PI prepares the proposal and gets approved by the Research promotion and Ethics Committee and R&D Cell before sending for evaluation.

In the last five years, on successful completion of the second phase of CPE and the first phase of Star College scheme of the DBT, the College presented proposals for the subsequent phases which were accepted and sanctioned by the UGC and DBT respectively. Similarly, after submitting the technical report and Utilization certificate of DST-FIST support 2010, the institution presented the proposal for DST-FIST 2018 and a total amount of Rs.1.25 crores was sanctioned. In 2018 the College also prepared the proposal for RUSA funding and sanctioned Rs. 2 crores for construction, renovation and purchase of equipment. The College was successful in getting Autonomy grant from 2018 onwards. Other major fundings from government agencies during 2018-2023 are PARAMARSH Scheme (UGC), IEDC Cell, DST-FIST, Scholarships, Autonomy Grant-UGC, General PD Account, Accumulated PD Fund and Koushal Kendra (UGC). Major fundings from non-government sources are Parent Teachers Association, Mar Ivanios Centre for Professional Studies and Industrial Linkage, Alumni contributions, SPIE-International Society for Optical Engineering, Indira Gandhi National Open University (IGNOU) Regional centre assistance, Covid Care Fund, Research Fund, Examination Fund and Application Fee fund.

PTA contributions are highly crucial to the College as they are used to pay the major recurring expenses like monthly electricity bill, the salary advance of all guest lecturers, conduct of internal exams, training for the University Youth Festival, proficiency awards to meritorious students, etc. Funds from the college management are sought when there is any financial necessity and the management also mobilizes/sanctions the needed amount. College is very keen to ensure the optimal utilization of resources by inviting tenders/quotations from interested parties and allocating work to the minimal quoted amount, but ensuring the quality of the product/work. A budget for PTA funds is prepared every year and gets approved by the Executive Committee, in which a optimal utilisation is clearly designed. Progress of the utilization is periodically assessed by the Principal/Bursar/finance committee. The alumni of the college also contribute to the college in special needs.

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: 567.08

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
104.30	119.53	137.69	108.87	96.69

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:

The college adopts robust and transparent auditing mechanism to ensure the proper utilization of funds mobilized from various government/non-government sources. The institution is following two tier evaluation and assessment of the procurement and utilization of funds. The accounts are audited by internal auditing committee as well as outside agencies and government authorities to assure that the

funds are utilized completely for the purpose for which it was sanctioned. The institution give due consideration for the conduct of internal and external audit at regular intervals to avoid the improper and under utilization of funds.

The keen observation of each and every aspect of fund mobilization and its utilization carried out with an aim of the overall development of the stakeholders of the institution. The financial transaction of the institution is subject to two tier evaluation such as internal and external audit not only to keep the flow of fund to the required segments but also to ouster any kind of financial derailment. The internal audits are conducted by the internal audit committee which consists of Principal, Vice- Principals Bursar and senior teacher representative from accounts and audit field. The external audits were conducted by Deputy Directorate of Collegiate Education, Accounts General of India Office, and practicing chartered accountants. The various sources of funds mobilized by the institutions and which were audited properly for the last five years were the following i) UGC grant for various schemes (Plan funds), ii) CPE scheme, iii) DST-FIST support, iv) DBT STAR college scheme, v) Autonomy grant from UGC, vi) Mandatory fee collections from students at the time of admission and during study as stipulated by the University and Government of Keala, vii) Other government schemes like WWS, SSP, ASAP, Scholarship viii) Parents teacher association collection, ix) Management funds from students admitted to self financing programmes and research grant to individual faculties. The management funds are handled by Bursar which gets audited by internal audit committee and external practicing chartered accountant. Management funds are specially and strictly monitored and verified by the management of the colleges under strict financial rules.

The research grants are self-audited by the principal investigator. The substantial portion of funds would be transacted through the PD account and which gets audited by the Deputy Directorate of Collegiate education every year. The audit objections were minuscule as per the past five years audit report submitted by the internal and external auditors. The audit reports submitted by the various external auditors specially mentioned in their report that there were no serious irregularities identified in the financial audit of the institution. Minor audit objections normally aroused due to technical problems were discussed by separate committee consists of Principal, Bursar, Junior Superintended, and Head Accountant. The audit objections were clarified and answers to the queries were given within a period of 15 days. The excellent audit report submitted by the internal and external auditors underline the transparent and proper utilization of the allocated funds by the college.

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:

Mar Ivanios College has a solidly founded Internal Quality Assurance System (IQAS) empowered by the IQAC which has been functioning most effectively for 23 years. It has contributed significantly for institutionalizing the quality assurance strategies and processes. The contributions of the IQAC have helped the institution get towering grades in all 4 NAAC accreditations, secure the autonomy status in 2014 and renewal of autonomy in 2022 till 2027, top NIRF ranking for 6 consecutive years since 2018, and apply for Deemed to be University status in 2023.

A few incremental improvements made with regard to quality initiatives in the last five-year period include:

- 1.Recommendation for the start of job-oriented programmes of study; accordingly 5 new programmes started since 2019 (eg: BSc Physics with machine learning, MSc Statistics with specialisation in data analytics).
- 2.IQAC spearheaded the mentoring and handholding initiatives of the college under the UGC-PARAMARSH (2020-7 colleges-6 accredited so far) and NAAC-MARGADARSHAN (2022-4 colleges) Schemes. 1 college was from the remote parts of Nagaland (A grade). Apart from this, the IQAC team have assisted more than 20 colleges at various levels of NAAC Accreditation.
- 3.IQAC supports the State level accreditation/ranking SAAC/KIRF. Actively involved in the framing of its guidelines/criteria as well as giving workshops for different colleges across the state.
- 4.The IQAC facilitated the signing of MoUs for academic and research collaboration/student and faculty exchange, etc. with about 25 colleges from different parts of India.
- 5.Various job/skill training courses for students have been organized by the IQAC. For example, “Tech4all” by ICT Academy of Kerala in collaboration with Cognizant Technology to provide free training/certificate programme in “Data analytics with PowerBi” for pre-final girl students from Maths, Statistics, and Computer Science, (February-May, 2023, 40 students). Civil Service training for aspiring students for the last 5 years with the support of Fortune IAS Academy and Civil Service Institute Pala (More than 400 students).
- 6.IQAC regularly arranges Awareness sessions in class rooms for UG students on Constitution of India and Anti- ragging laws with the support of faculty from Mar Gregorios College of Law.
- 7.IQAC sets up special counter during admissions to provide awareness on various state/central/institutional/philanthropist scholarship schemes and to give guidance about certificate courses.

Two best practices institutionalized as a result of IQAC initiatives are

(1) **MICPS&IL:** Institutionalizing the enrolment of students in Certificate/Diploma/MOOCs through specially designed pedagogy-based website (www.micpsil.com). A centre, Mar Ivanios Centre for Professional Studies (MICPS&IL) established under the IQAC in 2021 to promote and coordinate all add-on certificate/diploma offered in the institution and MOOCs from official platforms like SWAYAM.

(2) **Faculty Quality Circles (FQC):** 7 FQCs are formed, mainly based on the NAAC criteria, to enhance the quality performance of the college in areas pertaining to the relevant NAAC criterion. Each faculty of the college is brought under one umbrella for quality maintenance matters by choosing to be part of one FQC. This has been functional for the past 5 years and this ensures that each faculty owns up quality matters of the college and are highly involved.

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

The IQAC effectively reviews the teaching learning process and provides necessary support in teaching to ensure the essential outcome of learning. All statutory body meetings make reviews of teaching learning process, structures & methodologies of operations and learning outcomes. Two significant measures implemented for teaching learning reform are:

1. Apart from Google platforms such as Google classrooms, teaching learning process is done effectively through MOODLE platform. The institution ensures that each student is enrolled into their course of study in the MOODLE platform. Along with classroom teaching the blended system of learning through the MOODLE platform helped both the teacher and the student to communicate effectively through the messaging system. Moreover the platform helps the students to learn at their own pace and clarify their doubts when and as needed. Additionally the teacher can communicate to the class through the platform and provide required reading materials in advance to bridge the knowledge gap. In the technology friendly era, the use of multimedia tools was found to be attractive on the part of the learners. The review shows that the learner community benefitted from the additional materials provided through the effective use of multimedia tools. Furthermore the teachers found it useful to assess the progress of the students. The quizzes, assignments and other activities were highly useful to meet the needs of the individual learners taking into account their individual differences. Apart from the self paced learning, the teachers

could create collaborative activities for the class. Along with the learning process, the teaching process also turned out to be effective. The MOODLE platform provided opportunities for the teachers to experiment with different multimedia tools like ‘Ted Ed’ and ‘Quizziz’ which ensured complete participation on the part of the learners. The teachers could plan, organise and manage course materials in advance to provide the online learning experience in multiple exciting ways. The appropriate way of grading and reporting of the learner helps in identifying if the outcome of teaching and learning is achieved.

2. The Research Information System, networked with the Indian Research Information Network System (IRINS) of the INFLIBNET Centre facilitate information related to publications, research projects, fellowships, collaborations, patents, thrust areas, innovations etc. This integrates academic publications and integrity tools such as ORCID ID, Scopus ID, Google Scholar ID, etc facilitating the ingestion of scholarly publications of Mar Ivanios College Faculty from various sources. All researchers of the college are provided Wi-Fi facility for remote access to academic and research databases. The students are given access to the databases and e- journals of the INFLIBNET. As it is a consortium arrangement, the academic community of the college especially the PG and research scholars make use of the facility. Moreover the text based information, full text access and bibliographic e- resources of INFLIBNET acts as additional resource and caters to the needs of the academic community especially at the time of projects for PG students and for researchers in the course of their research.

File Description	Document
Upload any additional information	View Document
Provide the link for 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
Quality audit reports/certificate as applicable and valid for the assessment period	View 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
Provide Links for any other relevant document to support the claim (if any)	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:

Ardently staunch to its mission of training students irrespective of gender, the college caters to different genders in an equitable manner. Gender Equity is a continuous engagement entailing timely and phased interventions and we are committed to upholding the ideals of equity, justice and equality as the apex policy priority in all our development objectives. The college has an active women's cell which does an internal gender audit periodically and recommends appropriate measures accordingly. The admission in the college is equitably open to all genders and as a major policy leap, in the application form for student admissions, a column 'Transgender' has been introduced, along with 'Male' and 'Female'.

The following are some of the measures that are enunciated towards achieving gender equity at both infrastructural and policy engagement levels.

A gender equitable approach is imparted in all key areas of administration, where women form the pivot. In all these years, two third of the faculty and students are women. First time for the college, a woman Principal assumed office in the current year, and under her leadership, the institution is striving towards attaining greater goals in academic excellence and comprehensive progress of the student community. Women occupy other key administrative positions like Vice Principal, Heads of Departments, Controller of Examinations, IQAC Coordinator, Librarian, Office Superintendent, NCC ANO, Staff Adviser, NSS Programme Officer, Counsellor, non-teaching, housekeeping and security staff. The students' union features a prominent number of women office bearers, and the Chairperson for the year 2021-22 was a woman and most of the Executive of the Union as well of various clubs, department associations, NSS, NCC, etc. are women. The college union successfully led a Campaign for the implementation of menstrual leave for girl students. There is also no restriction in dress matters for women students and faculty, except that modesty in dress conducive to an academic institution is advised as part of the code of conduct. In all sports, arts, cultural, leadership trainings/performances the college always maintains gender equity.

Apart from adopting gender inclusive academic and administrative practices, the college has translated the approach in its infrastructural philosophy as well.

The restroom complex for women in the college is built with sufficient facilities and is well illuminated with perimeter fencing to ensure safety of women.

With a vision to make access to menstrual products and to further idea of menstrual hygiene, which contributes to overall health and well-being of women, sanitary napkin vending machines are provided in

the campus.

One basketball court is set apart exclusively for women players and a dedicated coach also to train them.

A holistic approach augmenting skills of women is reflected in the establishment of a Women's Cell that redefines leadership roles, volunteering initiatives and equipping them with lessons in self-defence and entrepreneurship. Zumba dance sessions and yoga classes are also conducted by the Women's Cell of the college.

We believe in the dictum "yatra naryastu pujoyante ramante tatra devata," implying 'honour and divinity of a woman will flourish, wherever a woman is worshipped there is divinity'.

File Description	Document
Upload any additional information	View Document
Provide the link for 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
Geo-tagged photographs of the facilities.	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	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:

Mar Ivanios college is a clean and green campus and this is facilitated through proper and systematic waste management mechanisms. The college strictly adheres to the green protocol issued by the Government of Kerala and takes all adequate measures for management of all types of wastes. The degradable (organic) and non-degradable (inorganic) waste management in the college involves collection, separation, treatment, recycling, and disposal. The waste generated is properly segregated at the source itself. Three colour dust bins are placed in different sites. Red bins for collecting plastics, blue bins for paper and green bins for food waste and other biowaste.

Solid and Liquid waste management

- Waste baskets have been provided in all class rooms and staff rooms, and waste is collected by the cleaning staff and properly segregated and disposed on a daily basis.
- The food waste generated in the college canteen and the leftover of student meals are collected in dust bins are collected and disposed in pits for degradation which is mixed with inoculums and later used as compost for horticulture.
- Plastic cover waste generated in the campus are properly segregated and handed to Harita Karma Sena, Thiruvananthapuram Corporation waste management units.
- Solid bio-wastes other than food waste are sent to the vermicomposting plant for composting.
- Carcasses and other biological wastes from the animal house and biology lab are disposed in the dumping pit.
- Broken glasses, dead bulbs and tubes, are also collected and handed to Harita Karma Sena.
- Waste papers, plastic bottles, e-waste are sold to scrape dealers.
- Dry wastes and sanitary napkins are disposed safely by incineration.
- Toilet wastes are discharged into well-protected underground sewage pits.

Hazardous wasteManagement

- Hazardous waste is mainly liquid and minimal on campus, is channeled into soak pits. The waste of chemicals and re-agents in the form of liquids are usually channeled out safely without any harm to the bio diversity.
- The gaseous wastes in the form of fumes are expelled through fume hoods installed in chemistry and biology labs.

e-Waste Management

- Electrical and Electronic devices that are beyond redemption are sold to agencies involved in the recycling of such wastes. This is done biannually or annually depending on the magnitude and need.
- Computer monitors, CPUs and other computer peripherals which need to be replaced because they are out-dated are exchanged in buy back policy or auctioned to vendors.

- Out-dated, but which may be of use, computer hardware also sent to the Dept. of Computer Science for the use of students in the hardware lab.

Education and Awareness

- Green protocol and cleanliness messages are communicated to students and other stake holders and necessary notices are displayed in the campus.
- Student organizations like Bhoomithrasena, green army, NSS, NCC, Union, WWF-ECHO Projects, Subject associations spread the message of cleanliness and hygiene in all possible ways.
- Uses of plastic are strictly restricted/discouraged and promote use of tiffin boxes, steel water bottles, steel tumblers and washable plates in the campus.
- Use of paper is minimized, including paper cups and tissues, and the college by policy promotes automation and e-governance.

File Description	Document
Geo-tagged photographs of the facilities	View Document
Relevant documents like agreements/MoUs with Government and other approved agencies	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
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	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:

Mar Ivanios College appraise it momentous in implementing green concepts in the campus. Our college believes in education combined with environmentally friendly practices to promote imperishable development. The infrastructure and capability available on campus are the very best. The campus extents over 25.64 acres in a spacious, noise free, clean, green zone and serene atmosphere perfectly suited for higher education within urban Thiruvananthapuram. It is a absolutely self-contained campus comprising everything that students on campus would ever require. Though implementing green initiatives are challenging and require determination and a long-term commitment, our college is taking initiatives for a sustainable and ecofriendly environment. The following practices are undertaken by the college.

1. Restricted entry of automobiles

Entry of vehicles are restricted within the college campus. A specific parking area is allotted for students besides the college campus. Visitors parking is also assigned besides the campus. Faculty members are also assigned a parking area adjacent to the college main campus.

2. Battery powered vehicles

Mar Ivanios Vidyanagar implemented a green culture and is encouraging greener ecosystem along with providing a pollution-free atmosphere by introducing the battery powered automobile service. Battery powered vehicles manufactured by the sister engineering college are operated within this vidyanagar.

3. Pedestrian friendly pathways

Campus has sufficient space for parking vehicles. Roads inside the campus are well maintained. Pedestrians can walk safely through the campus through walk friendly pathways. Entry of vehicles inside the campus is restricted. Security people are assigned duties on every turn and crossing to the campus. The campus has improved pedestrian visibility, additional area for pedestrian queuing, and a location for sidewalk amenities and landscaping

4. Ban on the use of plastics

Single use and throw plastics are totally banned within our campus. Disposable paper cups, plastic plates and spoons are avoided, instead steel glasses, plates and steel spoons are used inside the campus. We have "Plastic free zone" in the campus locality, initiated to create awareness among the community as a whole to prevent excessive usage of single use and throw plastic carry bags thereby leaving behind a green and pollution free place for our future generations. Green army has been constituted from among the students who monitor the whole processes.

5. Landscaping with Trees and Plants

Within the campus, the institution maintains a clean and green environment. There are about 175 trees in the campus. By establishing a distinct campus maintenance wing, the college ensures the preservation of the environment. It maintains the lawn and plantations by employing gardeners and sweepers. Our institution is extremely concerned with keeping a green campus and being environmentally friendly, which ensures that pure oxygen is available throughout the whole campus. The campus has been made greener by adequate trees, providing a pleasant environment for students to learn and understand the values for a green environment. The “Madhuravanam” project that has been initiated within the college campus encompasses more than 30 fruit bearing trees. We also have the custom of plant trees on World Environment Day (5th June).

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
Provide Links for any other relevant document to support the claim (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:

Mar Ivanios College has always been sensitive to the needs of the differently abled students. The main objective of the college is to provide a healthy environment for learning and working that covers physical, intellectual, emotional and social aspects of the college life of the differently abled students. The college has been extending its full support to accomplish the objectives chalked out by the UGC to provide equal educational opportunities to the disabled persons in higher education, to equip our institution with the facilities to provide access to disabled persons and to create appropriate facilities. The college is aware that differently-abled persons require special aids and appliances for their daily functioning. The special assistive devices provided enable them to easily access classrooms, laboratories, toilets, etc.

The College has established a Grievance Cell (DIVYANG Cell), specifically catering to Persons with

Disabilities (PWD), in accordance with governmental policy directives, ensuring the provision of essential services to them. Admission norms have been clearly defined, earmarking quotas for PWD candidates. Mar Ivanios College is committed to providing quality inclusive education to all students, regardless of the nature, category, or severity of their disability, with special emphasis on skill development. For the past three years, the college has collaborated with the NGO "Youth for Jobs," exclusively focusing on career guidance for PWD students, ensuring timely dissemination of information regarding job opportunities. The DIVYANG Cell at Mar Ivanios College actively assists PWD students in accessing financial aid from the Kerala Government and corporate social responsibility initiatives. Moreover, in partnership with "Insight," a centre providing training for differently-abled students in collaboration with the IT Mission and Department of Social Welfare, Government of Kerala since 2010, the college has introduced an IT-based skill development program for PWD students. The college also commemorates significant days related to disabilities, such as World Disabled Day, providing PWD students with opportunities to showcase their skills and talents. This holistic approach ensures that PWD students at Mar Ivanios College receive comprehensive support, enabling them to excel academically and professionally thus preparing them for life.

The following are the facilities provided by the college for PWD students to make their campus life easier and student friendly.

1. Lift facility in the College to provide barrier-free access for students with disabilities.
2. Wheelchairs propelled manually by turning the wheels by the hand for physically disabled students
3. 6 Ramps for students with disabilities at different parts of the college for easy movement across campus and to classrooms. More are under construction
4. Automatic audio supported Braille Transcription System for Braille reading, writing and printing for Visually Impaired students
5. Easily accessible toilets and changing facilities located in the campus; wheelchair accessible toilets provided for "girls and boys" toilet separately.
6. Counselling and orientation programmes as and when required specially for differently abled students of the college.
7. Nursing assistance for differently abled students whenever in need.
8. The students with disabilities are allowed to take the assistance of scribes in the examination.

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:

One of the goals of the college is to inculcate a sense of harmony, equality and fraternity among youth, transcending religious, linguistic, regional or sectional diversities. The college is actively engaged in fostering a positive and inclusive environment that goes beyond academic pursuits. Several initiatives and activities are undertaken with the aim of promoting a sense of oneness, social harmony, and appreciation for diversity.

Students from different parts of India, including Lakshadweep, Tamil Nadu, Nagaland, were admitted during these years. The college is one of the very few in Kerala where a Tamil department functions to cater to the academic needs of linguistic minority students. This creates an environment where students from diverse backgrounds can study without facing discrimination, ensuring equal opportunities for education and personal growth for all individuals. A holiday is usually declared for the Tamil harvest festival Thai Pongal.

The multireligious prayer at the Inaugural day of UG/PG batches, in which there are readings, reflections and prayers from major religious scriptures is a noble tradition and all the parents and students appreciate it as one of the best in their life. The main motive behind organizing an orientation day for new students is to create a welcoming and friendly atmosphere that fosters a positive start to their academic journey. This day serves as a platform to encourage their creative impulses and boost their confidence. The college community collaboratively celebrates a spectrum of cultural and regional festivals, fostering a sense of unity and inclusivity among the college community. Events such as orientation for freshers, induction ceremonies, Yoga Day, World Music Day, Onam, Holi, Christmas, etc. are enthusiastically celebrated with traditional gaiety. The college also prioritizes the holistic development of students through motivational lectures delivered by eminent personalities in various fields. These lectures aim to enhance students' personality development, instilling in them a sense of responsibility as citizens who adhere to national values of social and communal harmony, and national integration. The college fosters and welcomes cultural exchange from other parts of India to promote respect and understanding for various cultures. Team from St Xavier College Nagaland, visited and performed traditional dances and folksongs in the college in January 2023. A group of Bulgarian artists also visited the college last year and performed dances.

To foster and understand diversity, Ethnic Day is celebrated college wise and department wise every year to celebrate the diverse cultural backgrounds.

Important international and national days are marked in college academic calendar and student groups organize activities accordingly. The Performing Arts Club of Mar Ivanios College celebrate the world music day annually and various musical performances of diverse cultures are done by the students.

Student visits to Puducherry is organized by the French department. Puducherry is known for its unique blend of Indian and French cultures and has a significant French-speaking population. This provides an opportunity for language familiarization and interaction. The department of tourism organizes study tours to international destinations to familiarise students with global cultures. All the departments organize excursions to various culturally important and diverse destinations in India.

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 national pursuits of comprehensive progress and development can be achieved in its truest sense by resolving to commit oneself to the constitutional ethos that define our nationhood.

The triumvirate of Fundamental Rights, Duties and Directive Principles of State Policy of the Constitution of India are the benchmark philosophies that the College strives to adhere, while designing our academic schemes and activities. Every year, in connection with the Constitution Day, special academic talks/discussions on the Constitution of India are arranged for UG students by IQAC, with external law faculty/resource persons. Special speeches and NCC parade on Independence Day and Republic Day focus on constitutional values and duties.

In an evolving landscape of equality where gender, race and religion are not deemed as barriers, but individualized choices, we seek inspiration from fundamental rights to usher equality for all learners. The Women's cell of the college conducts a variety of programs, from self-defence training, awareness on undoing the taboos associated with menstruation, and skill development programs as well as help them learn the significance of fiscal autonomy and self-sufficiency. These programs equip women students to unleash their potential, assert their rights and eliminate any reluctance hindering their paths.

The dictum of fundamental duties assumes a significance in our efforts at student development. The duties prescribed by the constitution towards protecting the sovereignty, unity and integrity of India are at the core of our NCC training programs. The NCC army, navy and air wings endeavour towards instilling patriotism, unity, integrity and sovereignty of India and deliver the message to instil the ideal of India and to rise above all considerations to serve the motherland. The national integration camps, Indian army day, Republic day, Independence Day held in the college affirms our commitment to create duty-bound selfless young Indians who will carry forwards the idea of India with noble values.

Our efforts at promoting Swacch Bharat Abhiyan is built around the drive launched by the Government of India towards instilling the sense of cleanliness that goes beyond the process to a policy of national growth. Celebrating International Yoga Day is our testimony to the spirit of Bharat in attaining all-round

excellence in individual and collective sphere as enshrined in the fundamental duties of the constitution. The outreach efforts by the NCC navy wing including beach cleaning, plogging and plastic-free oceans is inspired by the Hon'ble Prime Minister's enthusiastic message to the nation as he stressed on the significance of conservation of marine environment protection. Together these programs constitute our commitment to uphold the messages envisaged by the framers of our constitution and to impart students the grand ideals of Directive principles of state policy wherein individuals evolve to responsible and ethically driven citizens.

We believe in the words of Dr B R Ambedkar, that "Constitution is not a mere lawyers document, it is a vehicle of Life, and its spirit is always the spirit of Age." Our constitutional efforts will help the students to progress to stakeholders of new Bharat where constitutional values are imbibed as a habit and guiding force.

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
Report on the student attributes facilitated by the Institution	View 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:

Title: Science Facilitation Centre (SFC), MIC

Objectives

- 1.To inspire school students to pursue higher education in basic sciences by facilitating hands-on training in scientific experiments and interactions with eminent scientists.
- 2.To enable the science students of MIC to augment their subject knowledge by acting as Teacher-Facilitators.

Context

SFC was founded in 2007 against the backdrop of the growing demand for professional education and waning interest in basic sciences. It exemplifies MIC's belief that core scientific research is crucial for the nation's progress.

The Practice

1. **Mode of Admission:** Nominations from school Principals are scrutinized, and 20 to 30 students from standards VIII and IX are selected on the basis of academic merit and social inclusion. Complete fee waivers are offered to students from underprivileged backgrounds. Around 10% of students receive fee waivers every year.

2. Features of the Program

1. Sessions are held from 09:30 am to 04:00 PM on the second Saturdays of every month.
2. The schedule of the classes are as follows:

09:30-10:30: Interactive Session with Prominent Scientists

The distinguished speakers in recent years include Dr. Pradeep Kumar G, (Scientist, Rajiv Gandhi Centre for Biotechnology), Dr. R S Jayasree, (Scientist G, Sree Chithra Institute of Medical Science and Technology) and Mr. Suresh Kumar (National Award-winning teacher).

10:30-12:30 & 01:30-03:30: Laboratory Sessions

Students are divided into five groups that focus on Mathematics, Physics, Chemistry, Botany and Zoology. Theoretical explanations of experiments are followed by hands-on sessions. Specially trained UG and PG students from MIC's Science departments act as Teacher-Facilitators who supervise the students during these sessions. The faculty members of MIC train and supervise the Teacher-Facilitators, and serve as resource persons for many sessions.

03:30-04:00: Feedback and Doubt Clearance

The faculty members obtain feedback and clear the doubts raised by the students.

1. Academic Visits: Two to three academic visits are organized every year to academic or research institutions in or around Thiruvananthapuram such as the VSSC Museum, Priyadarshini Planetarium, and the Hydro-electric plant at Meenmutty.

1. Uniqueness of the Practice

1. The SFC is a unique endeavor as it focuses on core competencies in the sciences rather than on any particular skill.
2. The SFC is an outreach activity that doubles up as a teacher training program for the students.

Evidence of Success

1. The consistent rise in demand for admissions and the positive feedback of the participants attest to the effectiveness of the program.
2. Many participants join elite scientific institutes such as IISERs/IITs for their higher studies. The invaluable experience of mentoring students has encouraged many MIC students to pursue higher academics/research.

Problems Encountered and Resources Required

1. The course was suspended for two years due to the Covid-19 Pandemic and was resumed in 2022-23.
2. SFC relies on the modest fees collected from participants and receives no government funding. Consequently, the Centre is unable to invite scientists from other parts of the country and acquire advanced equipment.

Title: Green Initiatives under “MIC-Prithvi”

Objectives

To mold environmentally conscious citizens by:

1. projecting the campus as a role model for sustainable practices; and
2. adopting a ‘green curriculum’ by incorporating innovative environmentalist perspectives in the syllabi of various programs.

The Context

MIC’s Founder had envisaged it as a ‘southern Shantiniketan’ where harmony with nature is a central aspect of the pedagogy. The college has adhered to this ideal by maintaining a pollution-free campus and disseminating ecological awareness. College’s longstanding eco-friendly practices were formally codified as “MIC-Prithvi” after the conferment of autonomy in 2014.

The Practice

MIC-Prithvi consists of the following initiatives:

1. **Plastic-Free Campus:** Single use plastic is banned, and steel utensils and glasses are used instead of paper cups and plates.
2. **Responsible Waste Management:** Waste is segregated using color-coded bins placed throughout the campus. Laboratories use soak pits and fume hoods for disposing hazardous waste. E-waste is handed over to agencies for recycling.
3. **Minimizing Paper Usage:** Institutional email ids are used for all official communication.

Notices for students are shared via the college website and WhatsApp groups. Online submission of assignments is strongly encouraged. Paper waste is recycled by collaborating with Fiat Mission, an NGO that prints Bibles using recycled paper.

1. **Water Conservation:** Rainwater harvesting is undertaken, utilizing 1650 sq m of roof area and the collected water is used for ground water recharge and irrigation. Such measures as water sprinklers in gardens, push up taps, and recycled cooling system for distillation units in laboratories reduce water wastage. Laboratory waste is pre-treated to avoid water pollution.
2. **Curbing Carbon Footprint:** Fluorescent tubes have been replaced with LED tubes and all electronic appliances have high BEE ratings. Solar panels have been installed in certain parts of the campus. Restricted entry of vehicles in the campus ensures clean air.
3. **Bio-diversity:** MIC’s rich flora and fauna have been augmented by such initiatives as “Madhuravanam” (an orchard with 30 fruit plants), the beehives and the butterfly garden.
4. **Sustainable Infrastructure:** Airy rooms with large windows render fans and lights unnecessary

during the day. The college minimizes use of plastic furniture and uses wooden furniture in classrooms.

5. **Green Curriculum:** Environmentalist perspectives are included in the syllabi of most programs. The study of Eco Tourism in MTTM, environmental audit in M. Com, and environmental literature in language programs are examples. The UGC-mandated compulsory course on “Environmental Studies” is augmented by a field trip to an ecologically significant locale that forms part of the continuous assessment.

Evidence of Success

MIC successfully passed the Green, Environment, and Energy Audits conducted by the Nature Science Foundation on 06.03.2023, garnering special appreciation for responsible waste disposal, greenery, water quality, and soil quality.

Problems Encountered and Resources Required

1. The broader society's indifference to green initiatives poses a perennial challenge. For instance, the widespread use of plastic packaging makes it difficult to implement the ban of plastic in campus food courts.
2. Many planned green initiatives, such as extensive installation of solar panels and marked increase in greenery, are impeded by the need for substantial capital investment.

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:

Title: Various Practices Under “The Multi-Dimensional Ivanian” Philosophy

The Concept: “The Multi-Dimensional Ivanian” (MDI) is a holistic philosophy through which the college moulds students who are not only academically proficient but also creative, physically fit, and ethical. The approach, codified and implemented in 2018, is rooted in the vision of the founder of the college as encapsulated in the college motto, “Veritas Vos Liberabit” (Truth shall liberate you), and is driven by the college’s focus on the holistic development of students.

Key Facets of the MDI

1. Skill Training and Professional Development

Subject-specific add-on courses aimed at augmenting the employability of the students has been a key feature of the college since 2018. From 2021-22, the courses have been coordinated by the “**Mar Ivanios Centre for Professional Studies and Industrial Linkage**” (MICPSIL), which manages all aspects of skill training and industry collaborations. MICPSIL administers **40** offline courses offered by the faculty members of the college. They include two diplomas — Pharmaceutical Chemistry and Computer Applications (in collaboration with the IHRD) —, and certificate courses on such subjects as soft skills, foreign languages, financial accounting and python programming.

The Career and Placement Cell manages campus recruitment and coordinates skill training programs. Such reputed companies as MRF Tyres, Wipro, Federal Bank, ESAF Bank, and South Indian Bank have recruited from the college in recent years.

The introduction of B. Com (Accounts and Audit) in 2018 exemplifies MIC’s commitment to career-oriented education. The syllabus covers CA Foundation and Inter curriculum and the students are provided CA coaching in addition to the regular classes. The course has produced remarkable results with **85** students clearing Foundation, **34** students clearing Inter Group I and **19** students clearing Inter Group II.

2. Creativity

MIC is one of the foremost colleges in the country in terms of its excellence in co-curricular activities. Various clubs such as the Theatre Club, Performing Arts Club and the Debate Club ensure that the college hosts vibrant cultural events and competitions around the year. The elected students’ union organizes several events such as the Arts Fest, College Day, and coordinates the preparation for the Youth Festival, under the close guidance of the faculty members who serve as Staff Advisors.

3. Sports

The college takes special efforts to foster the sporting talents of the students. Students routinely win state, national, and international level honors in a wide variety of sporting events including athletics, basketball, chess, shuttle badminton, table tennis, cricket, yachting, net ball, tennis, aquatics, cycling, roll ball, squash, hockey, and power lifting. Longstanding sporting events such as the intercollegiate basketball competition for the Mar Ivanios Trophy (since 1957) and awards such as the H.E. Dr Samuel Mar Irenios Award for Outstanding Sports Person and H.E. Dr Mathews Mar Polycarpos Award for the Best Basketball Player attest to the college’s commitment towards nurturing sporting excellence.

4. Ethics

The college fosters the values of secularism, gender equity, environmental awareness, inclusion of the differently abled, and spirituality by utilizing such forums as the NSS, NCC, Divyang Cell, the Centre for Gandhian Studies, Anti-Addiction Club, Biodiversity Club, Human Rights Forum, and Women’s Study Units. The NSS initiatives include blood donation camps, drug abuse awareness, public space cleaning, and participation in ‘Ganitham’, a programme that imparts mathematical skills among school children. Talks on constitutional literacy and anti-ragging laws are held every year. The Biodiversity Club and Haritha Karma Sena ensure that students engage in responsible waste management. The Divyang Cell collaborated with Muthoot Finance for a mechanized wheelchair and monthly scholarship for a

financially weak differently-abled student. The cell also signed an MoU with the NGO "Youth for Jobs" to facilitate employment opportunities for PWD students.

Distinctiveness

- 1. Institutional Apparatuses:** While many colleges aspire to many of the same goals as MDI, MIC is unique in developing effective institutional mechanisms such as study centres, courses, committees, and clubs to foster these qualities in students.
- 2. Coordinated Effort:** MDI's success depends on collaborative efforts from all the stakeholders. The college management provides leadership and infrastructural support, while the PTA and AMICOS (the alumni association) fund academic, sporting, and co-curricular ventures. Faculty members display tremendous dedication in their coordination of cultural events and club activities. The non-teaching staff provide crucial support, often working beyond the official timings. All these contribute to creating a unique educational ecosystem for students.
- 3. Adherence to NEP 2020:** The MDI, which was formulated two years prior to the announcement of the NEP, anticipated many key tenets of the new policy, most notable instance being the thrust on skill training. The holistic perspective of MDI is in keeping the vision for higher education as outlined in section 9.1 of the NEP document.
- 4. Institutional Character:** MDI is a unique philosophy that permeates all aspects of the college's functioning and **characterizes** the institution itself.

Evidence of Success

1. As a result of the career-oriented approach and the achievements in CA training, the college has developed a reputation for producing efficient professionals, both among students and among recruiting agencies.
2. The college retained the coveted first position in all the five editions of the Kerala Youth Festival held between 2018 and 2023. Many students won accolades at South Zone and National level youth festivals and other prestigious events.
3. Students represented India in international competitions in Chess, Basketball (Men and Women), Badminton (Men and Women), Power lifting and Netball during the accreditation cycle.
4. The NSS unit has won Silver Level Award for the volunteers' participation in Project Ganitham for two successive years.
5. Gokul S., IAS, a visually impaired alumnus (BA English 2017 & MA English 2019) is a quintessential 'multi-dimensional Ivanian'. Besides being a first rank-holder, Gokul is a firebrand speaker who has won accolades in several prestigious events including "Mathrubhumi Federal Bank Speak for India". While Gokul's success stems from his prodigious talent and hard work, the college has played its role by providing an inclusive atmosphere and offering platforms for developing his skills. MIC continues to shape many such future leaders of the nation.

File Description	Document
Any other relevant information	View Document
Appropriate webpage in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Mar Ivanios College has always been lauded for its academic culture by various national educational commissions and academicians of repute who have visited the college through the years.

- The University Education Commission chaired by Prof. Malcolm Adisheshiah recommended autonomy for Mar Ivanios College as early as 1985. Their report says, "... the University, in consultation with the Government make a start with the system of autonomous colleges by granting autonomy to ... Mar Ivanios College Trivandrum".
- The first NAAC Peer team in 1999 says: "The Peer Team has no hesitation in listing Mar Ivanios College as a leading institution and being benchmarked for its organisational set up, its constituencies working as a family and its efforts to promote, character' in students through emphasis on values and discipline at every turn".
- The second NAAC peer team (2005) made the following observation: "Ideally located and shaped by a far-reaching vision, Mar Ivanios has admirably acquitted its role as a dispenser of quality education in the state of Kerala. It has contributed to the state and the nation commendable leadership in almost all areas, besides uplifting a considerable body of socially weak sections of the population. The present assessment confirms such a performance".
- The following comments were made by the third NAAC team in 2011: It commended "the participatory and decentralized management", "appreciable progress made in research and development", "special consideration given for economically weaker students" and noted that "ambience, academic programmes, infrastructure, discipline etc. are to the satisfaction of the stakeholders".
- The fourth cycle of accreditation peer team in 2019 gave the following comments: "College has cross cultural environment supplemented by opportunities for co-curricular activities and provide ambience for education. Research output, student teacher ratio, extracurricular activities, graduation outcomes, student placements are laudable features of the institution. ...A strong research culture is prevalent in some departments."
- The UGC Peer Team which visited the college on 12-13 May 2022 to evaluate the performance and academic attainments for extension of autonomous status to Mar Ivanios College observed: "Well established minority college imparting quality education for the last 73 years". The team recommended extension of autonomy till 2027.

Concluding Remarks :

As we summarise and showcase the activities and functioning of the college in all relevant fronts for the last 5 years, we first bow in gratitude to Almighty God for all the blessings and graces showered upon this institution during this period and also throughout the last 75 years of its glorious existence as a leading beacon of light in the field of higher education in the state and the country. All the generations who have served and led this institution can to the best of all possible human effort claim to be fully committed to the vision and far sightedness of its saintly founding father. We remember with gratitude that through this college thousands of youths, including those from the poor and marginalised strata of our society, have found their way to academic

excellence and wholistic development. The college is deeply rooted in global outlook, national culture, and Christian values. As we faced and underwent an unprecedented lockdown and pandemic affected situation during this assessment period, which shifted the whole methodology of teaching learning to an entirely different level, we can proudly but humbly say that we did all our best to impart quality education and services during the lock down period as well without even a small hitch to our students and stakeholders, which even went to the extent of setting up examination centres for students in various districts of Kerala and even in Lakshadweep, which was history for the college. We can reiterate to say that every experiment and novelty this college undertook was from the perspective of how it could benefit the poor and the common man of our society. Our academic ambitions included the development of not only the IQ but also the emotional, social, ethical and digital quotients of our students as evidenced from the importance we have given to overall personality development of students. Above all, we always sought to be faithful to our motto 'Truth will set you free'.

While the College is aware of the fact that it has earned a reputation as a centre of excellence, it fully understands that sustaining and improving on that perception of excellence is a much tougher task. The college currently is fully geared to rise to higher levels of academic excellence and functioning, and is awaiting decisions on its already submitted application to UGC for deemed to be university status. May God Almighty lead us in His light.