



MAR THOMA COLLEGE CHUNGATHARA Annual Reports 2023-24

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MAR THOMA COLLEGE CHUNGATHARA

Annual Report – 2023-24

The Mar Thoma College Chungathara, a college for rural development was established in 1981 with the great visionary Late Rt. Rev. Easow Mar Timotheous Episcopa. Our college has always strived to accomplish its motto “**Let your Light Shine**”. We are proud to say that the College which began as a junior College has reached great heights today, Accredited by NAAC with B Grade (Third Cycle), it has at present 8 UG, 3 PG and one Doctoral Programs to its credit. We try to provide our better to serve and mould the minds of thousands through its dedicated service. The college is included in the list of Colleges under the UGC II (f) and XII (B) and also recognised as a Minority Institution by the National Minority Commission. We are regularly participating in the NIRF ranking process.

Manager: Rt. Rev Dr. Thomas Mar Theethos Episcopa, who is guiding this institution as the Manager for the last Seven years and under the visionary leadership of Thirumeni, our College has attained major infrastructural and Qualitative up-gradation. Thirumeni was relieved from the post of Manager wef 30.10.2023. The College community expresses our gratitude to the Thirumeni for the valuable support given to our Institution during the last 7 years as the Manager.

Rt. Rev Dr Mathews Mar Makarios Episcopa was appointed as the new Manager of our College from 1st November 2023 and Thirumeni is guiding our College with great vision and commitment. He participates in all the activities of the College and give timely advises, support and guidance.

Management : The College is run by a registered society known as MarThoma College Chungathara Educational Society and the Governing Council of the College guides the overall activities of the College.

Bursar: Rev S George, Bursar of the College daily monitors the activities and gives advises for the smooth functioning of the College.

Principal: Dr. Rajeev Thomas is serving as the Principal of the College from 2021 onwards and manages the academic and other activities of the College with the help of the Management and Staff.

Staff Council : The Staff council of the college meets frequently and take decisions regarding the academic and other activities of the College. Dr. Jino P Varghese is serving as the Staff Secretary.

New Appointment: During this period Mr Shinu C Mathew, Mr Jerin Mathew and Mr Subash joined in the Office as Office Attendants.

Faculty and NTS: At present we have 23 permanent teaching faculty and 45 Guest faculty members and 25 non teaching staff members at different categories.

Faculty Orientation Programme: A one day Faculty orientation/ Induction Programme was held on 13.6.2023 at the A V Hall. Prof John Love Joy (Faculty Dept of English) St Josephs College Trichy served as the resource person and the programme was very fruitful with the interactive sessions.

Students Induction Programme - An Induction Programme was organised on 1.8.2023 to the first semester U G students and the same was inaugurated by Dr. Godwin Samraj (Controller of Examinations, University of Calicut. All the students with parents participated in the meeting and Rev. S George (Bursar) and Dr Rajeev Thomas addressed the gathering.

14. 7. 2023 merit day

Retirement: Mr Biju Mark John (Jr. Supt) who is serving in this College for the last 36 years will retire from the service wef 31.5.2024 . The farewell program of Mr Biju Mark John was held in a colourful manner by the Staff, Management and Alumni. Best wishes to Mr Biju for a happy retirement life.



Results: All the departments are maintaining good results above the University level

B Com	78 %	B Sc (Maths)	81 %
B A (Eco)	75%	B B A	85%
B Sc (Phy)	82 %	B Sc (Comp Sci)	43%
B Sc (Bot)	92%	M Com	100 %
B Sc (poly. Chem)	88 %	M A (Eco)	71 %
		M sc Physics	86 %

Women's Hostel - Our women's hostel is accommodating nearly 45 students, who are from the faraway places and Dr Vinitha K B is serving as the Hostel Warden. The hostel students celebrates all important occasions in the hostel

IQAC : The IQAC of our College is working in a systematic way according to the NAAC guidelines. Dr. George T M is working as the IQAC Coordinator and the IQAC joins periodically and guides the department level activities. IQAC is coordinating the various academic and other quality initiatives in the College. The process of submitting AQARs is in progress. A number of seminars and orientation programmes were also arranged during this academic year.

Academic Audit: The annual process of conducting Annual Academic and Administrative Audit was held on 11th and 12th March 2024 and Dr Rajan Varghese and Dr Varghese Mathew were the team members to monitor the activities. They visited the departments and made a very concrete action plan to the future growth of the College. The report will be discussed in the IQAC and will be presented in the Governing Council Meeting.

PTA: We have a very strong PTA and the support from the PTA members and the executive is very appreciable. They are supporting the various activities of the College and supporting the management by providing financial support to seminars, honorarium to guest faculty and student aid. In the year 2023-24, the PTA made a very good effort in the development of the Language lab to developing the communication skill among the students. An amount of Rs. Rs. 600,000 was donated to the Management for the complete renovation of the Language Lab. 20 New computers were purchased, the seating facility was increased and the tiling work of the language lab was done by the Management. Similarly they are supporting a Certificate Course in English with practical sessions. Mr Rajesh P K is serving as the Secretary and Mr Kishan Kumar as Treasurer of the Association.

Uniforms: On the basis of the feedback from the parents, uniforms were implemented to students while they are admitted in the College. The PTA is dealing with the distribution and other activities in this regard.

Foundation day – College foundation day was celebrated with Holy Communion on 28.10.2023 at the College Chapel. Rev S George lead the service and the college community participated in the programme.

Easow Mar Timotheous Memorial Lecture: The Eleventh memorial lecture to commemorate the memories of our founder Manager was held on 15th January 2024 at the College. Mr Issac Eapen (Writer) delivered the lecture in the topic "Secular Spirituality", the same was presided over by our Manager, Rt Rev Dr. Mathews Mar Makarios Episcopa. All the faculty members and students participated in this programme.

Ruby Jubilee Lecture Series

As part of the Ruby Jubilee celebrations we started three Endowment lectures and the same was held in a very colourful way with the presence of Eminent speakers with delighted lectures.

- The Endowment lecture instituted by Prof Abraham P Mathew (Former Principal) was held on 29th February 2024 at the AV Hall under the leadership of Economics Dept. DR P G Sankaran Vice Chancellor CUSAT Cochin delivered a talk in the Subject **Higher Education in Kerala**. Prof Prof Abraham P Mathew also participated in the programme.

- The Endowment Lecture in the fond memories Dr C J John (Founder Principal) was organised by the Botany Department and the same was held on 4th March 2024. The topic of discussion was -**Why did the rabbit laugh at Alice – Stories on Plant Human interface**. Dr T V Sajeev (Scientist, KFRI, Thrissur) delivered the key note address.
- Prof. M Thomas Mathew contributed for one Endowment lecture and the same was held on 14.3.2024 at the College Auditorium. Prof N P Hafiz Muhammed (Writer and Critic) delivered a talk on the topic **Dictatorship in Democracy**. This programme was organised by the P G Department of Commerce.

RUSA : The RUSA 2.0 project sanctioned to our College and an amount of Rs. 2 Crore was sanctioned and Construction work of the Academic Block (1 Crore RUSA and 18 lakh Management) was completed. The Commerce Department was shifted to the new RUSA building. The renovation work (70 Lakh) in connection with this project is also completed - Whole renovation of two Chemistry Labs, Renovation of the Library and Computer lab, Staff rooms etc.

The official Inauguration of the RUSA Projects was held on 9.10.2023 by the Hon. Higher Education Minister Dr R Bindu with the presence Mr P V Anwar M LA, other dignitaries. Our college expresses the gratitude to the Government for giving this support through the RUSA Project.

P M Usha Project: The proposal for the new **P M Usha Project was submitted (Rs Five Crore)**

Green Initiatives : Our College is a green campus and we are striving for the betterment of the greenery of the campus and to reduce plastic and recycling of the waste. The following are some of the initiatives in this regard.

- The barren land in front of our College chapel was converted into a **Fruits Garden** and the inauguration of the same was done by Rev S George by planting sapling on 11.7.2023. Nearly 40 varieties of fruit plants were planted and they we maintaining with drip irrigation.
- An **Arboretum** with 75 medicinal plants were planted in the newly developed area in front of the Academic Block. This project was supported by the RUSA Project and the inauguration of the same was done by Rt Rev Dr Rhomas Mar Theethos Episcopa (Manager) on 21.9.2023. This area also maintained well with drip irrigation facility.
- For handling the degradable waste, an **Incinerator** was installed in the campus with 75 kg capacity and it was also included in the Rusa Project.

Constructions/ renovations:

Complete renovation of the Academic Block: The forty year old Academic building has some structural damages and the pillars and columns were weakened. The complete renovation of the ground floor and first floor was done under the supervision of Structural Engineers and the Construction Committee. The renovation of the Economics Department and the Tiling of the Economics Floor was done by utilising the PD accumulated fund . An amount of Rs. 40 lakhs were spent for this process.

New seminar Hall in Library: The hall above the library block was renovated thoroughly with ceiling work, light and fan and with sound system. This additional hall can accommodate around 350 students and it is very useful to conduct university Examinations.

Mini conference hall at RUSA : The Conference Hall in the RUSA building was furnished with Conference chairs, Air Conditioners and Sound System. The support of the Alumni Association is received in installing Air Conditioners.

Renovation of the Language lab: The Complete renovation of the existing Language lab done with the support of PTA and 20 new computers were installed in the lab. The complete renovation of the lab – Tiling, wiring, computer cabins - was done with the support of Management

Name board : A name board with the details of courses was installed in the college Border at Edamala – with the details of other M T institutions.



New Commerce Block: by utilising the RUSA Fund a new block was constructed with an area of 7500 Sq Feet and the Research Department of Commerce was shifted to the new Block. The blessing of the Department and class rooms was held on 1.6.2023 by the Manager. **Alumni Association:** The Alumni Association of the college was registered and it is functioning very actively. They are offering various scholarships, awards and training programs to the students. The department level alumni associations are arranging several programs in consultation with the concerned HODs.

Alumni Association: This year the Alumni Association of our College has undertaken a project (**Endeavour MTC Alumni initiative -2024**) to develop the I T Infrastructure of the College. The executive Committee under the leadership of Mr K C Muraleedharan (President) Dr M Abdurrahman (Secretary) Mr Rasheed (Treasurer), a crowd funding project was decided and the formal Inauguration of the fund collection was made by Dr R Bindhu, Hon Higher Education Minister.

The Alumni Association contacted the old students through social media platforms and sought the support of them to the Alumni Bank Account. With the the sincere support of the Alumni members across the world we are fortunate enough to mobilise Rs. 19 Lakhs and the same was utilised to install Smart Boards (75" -4 Nos, 65"-8 Nos), Water Coolers (2), Air Conditioners (2) at Conference Hall.

The formal inauguration of the **Endeavour MTC Alumni initiative** was done by the Rt. Rev. Dr Mathews Mar Makrios Episcopa on 27th February 2024 in a meeting with the active participation of the alumni members, faculty and students.

Christmas Celebrations: Christmas celebrations of the College was held on 22. 12. 2023 with the active participation of the People with differently able category. Rev S George delivered the Christmas message. Twenty People with special skills performed different folk programmes and it was a very novel experience to the students and the College Community. The College choir lead Christmas Carol and worship. The Worship Committee coordinated the programme.

Endowments: The interest from College Endowments and Ruby Jubilee endowments (Rs. 5,50,000) were distributed to the eligible students and the same was distributed in the merit day. Rs. 110,270 were distributed in this year to the needy and meritorious students.

Merit Day: The merit day to felicitate the rank Holders and toppers during the last academic year was held on 14.7.23 at the College Seminar Hall. Mr Shaju Thomas (M D- Popees Kids Wear), our alumni was the chief guest.

The Distribution of the Ruby Jubilee Endowments, Alumni Scholarships, PD Account scholarships were made in this auspicious occasion.

College Examinations: The University Examinations and internal examinations were held as per the schedule. As per the directions of the University the Bar Code mode of examinations were followed at the University exams, which help to release the results within 15 days after the exams.

SWAYAM Local chapter: For utilising the opportunities of online learning, our students enrolled for different SWAYAM courses through our local chapter, for empowering themselves through online knowledge acquisition.

Moodle: This platform was used for delivering classes, conducting different types of examinations, giving assignment and taking attendance. This medium is very useful to the students and the faculty during the lockdown period.

Campus Management system (Embase Prosuit): As part of monitoring the academic and co curricular activities we are using a Campus Management System to record Attendance, documentations other activities. WE are providing Student Login and Parents Login to have the status of attendance of each student.

Yuva Manthan Programme – Our College participated in the G 20 gathering hosted by GOI and as per the directions of the UGC the college organised **Yuva Manthan Programme** on 22. 8. 2023. It was a unique programme to develop leadership among the students and the students were grouped into 20 countries and participated in the discussion based on the

theme Global Warming and Sustainable Development Goals. Dr Jino P Varghese and Dr Vinitha K B served as the Coordinators of the programme.

Research Centre: The Commerce Department is the sole research department in the College and Dr. M B Gopalakrishnan, Dr. Rajeev Thomas and Dr Binija George are the research guides approved by the University of Calicut. I am very happy to report that 2 of our scholars were awarded Ph D in Commerce from the University of Calicut during this academic year. 8 others are pursuing the Ph.D programme.

NET Coaching : The Minority Welfare Department, GOK has sanctioned a special project for NET Coaching to the minority students from our College. Nearly 60 students participated in the intensive training Programme and Dr Vinitha K B served as the Coordinator of the Programme. -

Recognitions:

- Dr . C Anwar Shafi was elected as the Senate Member of the University of Calicut.
- Dr. Jino P Varghese, NSS Program Officer of our College got the best NSS program officer award from the University of Calicut
- Board of Studies (Dr Rajeev Thomas, Chairman UG(B Com), Dr. Anwar Shafi (Arabic) and Mr Kishan Kumar (physics).
- Academic Council Members: Dr Rajeev Thomas and Dr George T M
- Mrs Sneha Mathew (Asst Prof on Contract, Chemistry) got Ph. D from M G University.
- Miss Sumi P Suresh (B A (Eco) Student) got the Chief Ministers Merit Award with a scholarship of Rs. 100000

Republic day and Independence day: The national days are celebrated in a colourful manner with the support of NSS volunteers and different programs were arranged in the College Campus. As part of the Independence day celebrations NSS volunteers developed a Freedom wall at open auditorium with the message– Struggle for Independence.

Onam celebration: Onam celebrations were held in a traditional manner with the active participation of students. Different competitions were also arranged as part of the program. The students of BBA department celebrated the Onam with the Special Students at the Bethany Sepcial School, Chungathara.

College Union: The College Union election was held and the College Union coordinated various activities like – arts day, sports day, different awareness programs, Food fest competitions etc.

Dolly memorial lecture - The annual Dolly Memorial Lecture was held on 21.8.23, Dr Arun Lal Mokeri (Writer and Critic) was the key note speaker. He delivered a talk on the subject "Artificial Intelligence and History of Reading". Family members of Dolly Teacher, College Community, Students etc participated in the programme.

NEP 2020: Different programmes were organised in this regard.

- A one day workshop was organised on 28.10. 2023 to discuss about the new Four Year UG Programme to be implemented from the next academic year onwards. Dr Shafeeqe (RO, Kerala State Higher Education Commission) was the resource person.
- An orientation programme was arranged on 20.2.2024 in the topic **NEP 2020: Prospects and Challenges** . Dr Anaz Edarth , Vice Principal, MES Mampad College delivered the talk.
- A panel discussion was arranged on 5.3.24 about **NEP 2020 and Autonomous Colleges** and Dr Dr Kuncheria P Issac (Former V C, KTU, Tvm) lead the discussion and the members of the Mar Thoma Higher Education Commission was also participated in the programme.

Condolences ; Prof Abraham Joseph Padinjattidom, former HOD, Dept of English passed away on 15.6.2023. A condolence meeting was arranged to pay homage to Aby sir through Online and in the meeting the retired faculty members, Alumni members, and the members of Mar Thoma College community joined in the meeting. We express our heartfelt condolences to the bereaved family members.



Easow Mar Timotheous Memorial Library - The College library and Net Work resource Centre in providing support to the academic activities to the Faculty and Students.

Department level activities: All the departments are arranging seminars, competitions, value added courses, various extension activities, clubs, and other academic and co curricular activities. I take this opportunity to appreciate all the Departments for their active involvement in the development of the College. The following is the brief outline of the activities.

Research Department of Commerce: Commerce Department is having 6 permanent 2 guest faculty members and very active in the academic activities of the College. In addition to the normal curricular activities the department organises various seminars, club activities and Certificate courses. Four Students from the department were selected for the Aspire Scholarship, 3 students qualified NET in this year. Commerce Association is organising various activities and ED Club coordinated a Food Fest and several workshops. The department is offering TALLY Certificate course to the students.

Post Graduate Department of Economics: In this department there are 5 permanent and 3 guest faculty members, including History and Psychology. Under the plat form of Planning Forum several discussions were held and the Economics association is also active in the curricular activities.

The major activities in this department include – Lecture series i named as Econologue, Seminar series under the collaboration of Indian Economic Association, and organised various competitions. The Three days International Seminar on Sustainable development goals, Celebration of various days are the other initiatives by the Department. UGC NET Coaching with the support of minority Commission is also held during this academic year. 4 students were selected for Aspire Scholarship.

Post Graduate Department of Physics: with the 2 permanent and 4 guest faculty members they organised several programmes like – Three days National workshop with IUCCA Pune, Two days workshop on Group Theory and providing coaching classes for JAM and other competitive examinations. The Astro club is very active in organising programmes in – World Space week, National Science day, Moon landing day etc. Several seminars, classes, and certificate courses were held under the initiative of the dept.

Department of Botany: The Botany department is having one Permanent faculty and 3 guest faculty including Zoology. This department is regularly organising innovative certificate courses and giving orientation to students about the various skill based programmes. They are coordinating two clubs – Syama Nature club and Bird watching Club. The various days related to environment, wild life etc are also celebrated regularly.

Department of Chemistry: Chemistry Department have 3 permanent and 2 guest faculty members they offers variety of certificate courses and arranges different skill training programmes. The different days of importance are celebrated with active participation of the students. They offers different linkages with industries and updates the students about the industrial changes.

Department of Mathematics: This department is working with One Permanent 3 guest faculty members and very dynamic in organising various programmes. The Mathematical association is coordinating various programmes and celebrating the days of importance related to their stream. They are giving orientation to the students about the various competitive examinations and arranging seminars with the experts in the field.

Languages: English, Arabic, Hindi and Malayalam was taught as languages and the faculty members are organising various certificate programmes, language workshops, cultural programmes etc. The Language lab is used for providing certificate course in English with specialised training.

Department of B B A: The department is having 4 faculty members and they are organising various programmes to improve the management skills of the students. The students are participating in various inter Collegiate Management Fests, organising various programmes like Biriyani Challenge, Skill training programmes, celebration of various days, participation in IIC Management fest and professional training programmes. They organised an inter collegiate Management fest (Aurora-3) and it was a good endeavour under the leadership of the Dept and students.

Department of Computer Science: There are 4 faculty members and the department is organising various training programmes under the I T Club functioning in the dept. The students are providing support to the local schools, arranging various competitions in the field of technology.

National Service Scheme: At present we have two NSS Units with 300 volunteers and the NSS Programme Officers coordinates the extension activities as per the guidelines. The NSS Units are very active in coordinating the activities like – Palliative Care Programmes, Leadership Training Camp, Orientation Programs, Yoga Camp, NDRF Training, UDID Camp Support, Volunteers in Nava Kerala Sadass, Celebrating different days, Blood donation camp, National Integration camp, Cleaning drives, Green Campus Project, Personality development trainings, Anti Drug movements etc. The seven days Special Camp “Arambham” was held at KMHSS Karulai during 22nd to 28th December 2023. As part of the Camp different programmes were organised for the betterment of the Society and the volunteers.

Physical Education: The sports division is giving regular coaching to students and special training camps are organised to the students during the University level Competitions. Special orientation was given to Yoga, COFE Programme etc. The annual sports meet was held with the active participation of the students.

Conclusion: I take this opportunity to thank the Most Rev. Dr. Theodosius Mar Thoma Metropolitan for his patronage. I extend my sincere gratitude to Rt. Rev. Dr. Thomas Mar Theethos Episcopa and Rt. Rev Mathews Mar Makarios Episcopa (managers) for their visionary guidance as Managers of our College. I also thank Rev S George, (Bursar), General Body members, Governing Council, Parents, Teachers, Non Teaching Staff and the students for their kind Cooperation in delivering my duties as Principal. Above all, I take this opportunity to thank God Almighty for his grace and blessings showered on us during this Academic Year.

10. 4. 2024

Dr. Rajeev Thomas *20/4/2024*

(Principal)

Dr. RAJEEV THOMAS

PRINCIPAL

MARTHOMA COLLEGE

CHUNGATHARA P.O, PIN-679 334





ACADEMIC & ADMINISTRATIVE AUDIT 2023-24



**MAR THOMA COLLEGE
CHUNGATHARA**

MAR THOMA COLLEGE, CHUNGATHARA
Academic Audit – March 11 and 12, 2024

REPORT OF THE ACADEMIC AUDIT COMMITTEE OF
MAR THOMA COLLEGE, CHUNGATHARA, KERALA

For the Year 2023- 24

(held on March 11 and 12, 2024)

I. INTRODUCTION

Mar Thoma College, Chungathara, established in 1981 is affiliated to the University of Calicut and offers UG and PG programmes in Arts, Science and Commerce. The UG programmes: B.A Economics under the Arts faculty; B.Sc., in Mathematics, Computer Science, Physics, Polymer Chemistry and Botany under the Science faculty, B.Com under the Commerce faculty and BBA as a professional programme and the PG programmes: M.A., in Economics under Arts faculty and M.Sc., in Physics under the Science faculty and M.Com under the commerce faculty. The Department of Commerce is an approved research centre of the University of Calicut. English, Malayalam, Hindi, and Arabic departments offer courses in second languages. The Department of Physical Education offers certificate courses and regular sports-related activities. The college is reaccredited by NAAC with a "B" grade in the third cycle of Assessment and Accreditation during 2021.

II. ACADEMIC AUDIT

The College Governing Council constituted a Committee for conducting the academic audit and nominated the following members to carry out the process.

1. Dr. Rajan Varughese, Former Principal, Union Christian College, Aluva (External Expert)
2. Dr. varughese Mathew, Former Principal, Mar Thoma College, Tiruvalla (External Expert)

Dr. Rajeev Thomas, Principal and Dr. George, T.M., IQAC Coordinator assisted in the smooth conduct of the Academic Audit.

The Committee was requested to conduct an academic audit of the College of the year 2023-24. The Committee visited the College for two days on March 11 and 12, 2024 for interactions with the faculty, staff of administrative office, the Internal Quality Assurance Cell (IQAC) and Principal. The overall feedback of the audit Committee was shared with all the faculty members in the Exit meeting.

Mar Thoma College, Chungathara has made quality in education as a priority and activities were carried out in par with the vision and mission of the College. It has undergone the first, second and third cycles of assessment and accreditation with consistent accreditation status. The College has got "A" grade in the second cycle of NAAC accreditation. The Principal and College Council has undertaken steps and procedures during the period of academic audit for accountability and responsibility of all constituents and stakeholders

Ab

MAR THOMA COLLEGE, CHUNGATHARA
Academic Audit – March 11 and 12, 2024

The Purpose of Assessment and Academic Audit:

The College perceives academic audit as means to identify its strengths and weaknesses as seen through the eyes of external experts so as to encourage the College to take necessary steps for its improvement of quality in various key indicators of quality parameters. The assessment, suggestions and opinions serve as pointers in the direction of growth and help the College to set its own targets in the pursuit of quality. The College is geared up to undergo the fourth cycle of accreditation after two years and preparations for applying autonomous status are underway.

Audit Process:

The Committee reviewed the following practices during 2023-2024 and evaluative observations are marked against each aspect:

- (1) Students, Faculty, Staff
- (2) Curriculum and Courses
- (3) Teaching - Pedagogy of teaching-methodology
- (4) Learning – Learner centric approaches
- (5) Evaluation and assessments
- (6) Research Activities
- (7) Social Responsibilities
- (8) Infrastructure
- (9) Library and ICT resources
- (10) Student Support Initiatives
- (11) Management and Leadership
- (12) Department observations
- (13) Institutional focus on Green Initiatives

Audit Summary

Mar Thoma College, Chungathara has 881 students in UG programmes in 8 Departments; 107 students in 3 PG programmes in 3 Departments, and 4 research scholars in 1 approved research centre of the affiliating University. It has 55 teachers including the Principal and 23 non-teaching staff. Number of NET qualified teachers is 11, Ph.D. degree holders 16, M.Phil degree holders 6. The Internal Quality Assurance Cell (IQAC) is active and has initiated number of steps for quality enhancement.

Audit Observations

Overall Assessment of Performance:

- (1) **Students, Faculty, Staff and Management:** The profile of most students at entry level to UG and PG programmes is good as admissions are based on the Centralized Allotment Process (CAP) of the University. A good number of students are first generation college goers in the family and lack academic guidance from parents. The College has adequate competent faculty as per UGC, University and Government norms. Teachers are committed to their vocation and contribute to the overall growth and development of students. More number of online/offline sessions for teachers on subjects and teaching pedagogy is desirable. Administrative staff needs to be provided with training/familiarization sessions in the use of technology supported services. 5 faculty members are in BoS of the University. The Management may focus on conducting awareness programmes



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for students, teaching and non-teaching staff on the Vision, Mission, Motto, traditions and legacy of the institution on a periodic basis.

- (2) **Curriculum and Courses**: The College is affiliated to the University of Calicut which provides necessary directions and input in terms of Courses and curricula. BoS and Academic Council and statutory bodies of the affiliating University provides guidance and rules and regulations. Feedback on Curriculum to be collected, analyzed and recommendations of Departments for action to be taken by presenting in statutory bodies of the College. Outcome of Feedback analysis to be used to identify and offer Certificate/Add-on programmes to benefit the students.
- (3) **Teaching - Pedagogy of teaching-methodology**: Teachers prepare lesson plan, maintain Teacher's Diary showing schedule of teaching, conduct tests, organize seminars and evaluate assignments. Time table is set at the beginning of each academic year. Laboratories with NECESSARY advanced equipment and accessories, and computers are available for experiential learning. Student evaluation of teachers practiced for timely feedback on teaching-learning and evaluation.
- (4) **Learning – Learner centric approaches**: Systems including Entry level test for identification of advanced and slow learners through continuous monitoring is practiced in several departments and needs to be institutionalized. Departments need to give more attention on Remedial programmes and strengthen documentation such as attendance of participating students, engagement by assigned teachers, schemes of sessions taken and evaluation and follow up sessions. The College had number of academic workshops/seminars/activities by several departments.
- (5) **Evaluation and assessments**: Assessment and evaluation is as per the University of Calicut directions and norms. Continuous assessment through internal evaluation of tests, seminars, assignments, and University examinations and systems to monitor progress of students is in place. Good pass percentage at UG and PG level in all departments is obtained, All departments carry out result analysis and take up the needed follow-up action. Follow up action of Result Analysis and action to be documented and considered in Department meetings of faculty members.
- (6) **Research – Academic Research and Research Projects and Publications**: Departments of Chemistry, Botany, Physics, Commerce, Economics, Hindi & English have research publications. 6 members of the faculty are approved research guides of the affiliating University, guiding 8 research students. 3 external research guides supervises 2 research scholars. 16 faculty members have Ph.D., degrees and 5 are involved in research work leading to Ph.D. It organized 25 seminars and academic conferences during 2023-24. Faculty published 17 research papers in Research Journals listed in UGC listed in peer reviewed research journals. Faculty made 6 paper presentations in Conferences, published 2 books, and contributed to 12 chapters in 8 edited books. Department of Economics has successfully completed 1 Project of NET Coaching for PG Students with an out lay of 1 lakh. Preparation of a bank of project proposals from all the departments and implementation of the projects may be considered for maintaining active research culture in the College.



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- (7) **Social Responsibilities** - Extension and Outreach Activities: A number of Extension activities are taken up by the N.S.S. and some departments. Innovative academic extension activities need to be initiated and strengthened.
- (8) **Infrastructure and Academic Environment**: The College has adequate land and quality infrastructure facilities in a beautiful campus of 19 acres. It has 65 classrooms, 5 conference rooms/ halls, 8 laboratories, and 37 ICT enabled classrooms. Infrastructure augmentation through RUSA and Management funds is completed. Office for Controller of Examination to be established with necessary technology support to centralise the evaluation process of the College in anticipation of the College becoming autonomous in the near future.
- (9) **Library and ICT resources**: Procured books & journals worth over Rs. 1,63,935/- during 2023-24. The College has 76 computers in 4 computer laboratory and 11 computers in Administrative office. It has 32 LCD projectors in major class rooms and 9 smart boards in other classrooms. The College has SPARK, LIBSOFT, INFLIBNET, Embase and Tally Accounting package for the software solutions used for academic and administrative purposes. Systematic and uniform procedures to be followed by individual teachers in all the departments (evaluation, field visits, internships, projects, assignments, etc.) with the support of software solutions. The functioning of E-learning platform needs to be initiated. ICT infrastructure needs upgrading and strengthening for the use of web resources.
- (10) **Student Support Initiatives**: Entry Level test administered in 8 Departments, remedial courses organized in all departments offering academic programmes. The figures of student progression shows 5 JRF, 7 NET, 6 SET and 3 GATE qualified students during the audit period. Placement records needs to be centrally maintained and streamlined. All Departments organized programmes to provide guidance to students on higher studies. All Departments have subject associations along with Clubs and Associations. Some Departments offer Placement assistance to students.
- (11) **Management and Leadership**: The Manager, Principal and Governing Council give leadership for the growth of the College. There is good co-ordination of Principal, IQAC Coordinator, Heads of Departments, teaching and non-teaching staff, students, parents and alumni. It follows democratic and participative approach in its management through the College Council, Department meetings, teachers, non-teaching staff, IQAC and the Students' Union, the Management and a number of committees which take necessary actions to implement the decisions to obtain the desired output. Alumni contribution during the audit period is Rs. 22 lakhs. The use of financial resources is strictly monitored through internal audits as well as government audits. The College needs rigorous planning and preparation on curriculum designing, and evaluation in view of awarding autonomy and faculty members may visit successful autonomous institutions in Kerala and neighbouring states to equip the College. Teachers and administrative staff needs to be oriented for academic autonomy.
- (12) **Department Observations**
- a) **Open course**. All U.G departments offers one open course under the Choice-Based Credit System (CBCS) to provide students with a broader range of academic options.
- b) **Prepares Academic Calendar and lesson plan**
All departments prepare and adhere to an academic calendar and lesson plan, ensuring a structured and organized approach to teaching, learning, and co-curricular activities. Faculty members record their coverage of the syllabus in a teacher's diary, which is countersigned by the Head of the Department and the Principal.

MAR THOMA COLLEGE, CHUNGATHARA
Academic Audit – March 11 and 12, 2024

c) Conducting certificate courses / value-added courses

The following departments conducted certificate courses and value-added courses to enhance students' skills and knowledge, making them more industry-ready. . Certificate courses : Department of Physics, Botany, Chemistry, Mathematics, Commerce, Economics, English, Arabic and Business Administration. Value added courses : Department of Chemistry and Commerce.

d) Undertake Result analysis

All departments undertake a thorough analysis of student results to identify areas of improvement and implement corrective measures. (The pass percentage of students for the academic year 2022-2023 are as follows: B.A Economics- 58.93 %, B.Sc., in Mathematics –75 %, B.Sc Computer Science – 55%, B.Sc Physics – 82 %, B.Sc Polymer Chemistry -72.22 %, B.Sc Botany - 92.3 %, B.Com – 75 %, BBA – 75%, M.A Economics - 66.67 %, M.Sc. Physics - 83.3 %, M.Com -100 %).

e) Faculty members are attending FDPs / syllabus revision workshops

Faculty members regularly attend Faculty Development Programs (FDPs) and syllabus revision workshops to update their knowledge and skills. The number of FDPs attended by faculty members in each department are as follows: Economics - 5, Physics - 3, Botany - 6, Chemistry - 4, Commerce - 18, English - 10, Arabic - 2, and Mathematics - 1.

f) Observing days of national and international importance

All departments observe days of national and international importance through their department associations, promoting awareness and appreciation of diverse cultures and issues

g) Conducting seminars / Lectures / workshops including that of IPR

The following departments conducted seminars/lectures/workshops: Physics, Botany, Chemistry, Commerce, Economics, English, and Hindi. Moreover, the Departments of Physics, Botany, and Economics organized seminars on Intellectual Property Rights (IPR), and the Department of Economics also conducted a Faculty Development Program (FDP).

h) Conducting NET coaching / Orientation programme / Career guidance counseling

All UG departments offer orientation programs and career guidance counseling to support students in their academic and professional pursuits. Additionally, all PG departments offer coaching for the National Eligibility Test (NET).

i) Extension programmes / linkage with institutions

The following departments engage in extension programs and collaborate with other institutions to promote knowledge sharing, research, and community development: Physics, Chemistry, Botany, Commerce, Economics, and BBA.

j) Functional MOUs

The departments of Physics, Botany, Chemistry, Commerce, Economics, Computer Science, and BBA have active Memoranda of Understanding (MOUs) with other institutions and organizations, facilitating collaborations and exchanges that benefit students and faculty members.

k) Alumni association

Apart from the registered alumni association of the College, the Departments of Physics and Economics have their own alumni associations and activities.



MAR THOMA COLLEGE, CHUNGATHARA
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These observations highlight the institutions commitment to providing a comprehensive and supportive learning environment, with a focus on academic excellence, skill development, and community engagement.

(13) Institutional focus on Green Initiatives

The institution promotes environmental sustainability within the campus and has a policy document named "Green Policy" and "Green Protocol." The campus events adhere to a Green Protocol, prohibiting flex boards and promoting paper and cloth banners instead. The Green Protocol is maintained under four key heads:- Battery-Powered Vehicles (Encouraging the use of eco-friendly vehicles), Pedestrian-Friendly Pathways (Ensuring safe and accessible walkways), Ban on Single-Use Plastics (Eliminating the use of plastics on campus) and Landscaping(Maintaining a green and sustainable environment).

Suggestions and Recommendations:

A. Curriculum Development and Teaching-learning

1. Starting of number of Add-on/Certificate programmes to facilitate skill enhancement and employability of students
2. Equipping and empowering faculty members in curriculum design, course development and innovative evaluation process
3. Familiarising and preparing faculty for incorporating suggested changes in connection with NEP 2020.
4. Introducing certificate courses in multi-disciplinary areas in view of NEP 2020.
5. Regular training for faculty in OBE and preparation for evaluation based on OBE.
6. Awareness programme to teachers on Artificial Intelligence (AI) and Machine Learning (ML).

B. Research

1. Research culture needs to be evolved and strengthened
2. Eligible Departments may submit necessary applications for Research Centre recognition of the affiliating University
3. Faculty may initiate steps for more research publications and contribution to chapters in books
4. Augmenting infrastructural and technology resources for promotion of research and mobilizing more research grants from Government and Non-Government Agencies (GAs and NGAs)
5. Introduction of research programmes in multi-disciplinary areas involving faculty and faculty and students to find solution for societal needs

C. Infrastructure for Learning and Research

1. Providing more number of quality infrastructure and technology solutions for promotion of quality teaching, learning and research



MAR THOMA COLLEGE, CHUNGATHARA
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2. The following areas may be strengthened: Networking – hardware and software, computation facility, solar power units, waste management, conservation of energy, greening initiatives and carbon reduction.

D. Student Support Measures


1. Strengthening the conduct of orientation programmes for fresher's after the admission during which they are given insights into the curricular and extra curricular activities
2. Enhancing of placement services and career counseling
3. Internship and on-the-job training
4. Establishing a centralized system with suitable name and managed by designated faculty for 'Earning while Learning' through skill development programme such as Digital Marketing, website development and management, poster designing, campus radio transmission and online publications
5. Faculty and Management may initiate strategies to integrate Indian Knowledge System (IKS) through co-curricular activities
6. Strengthening initiatives for electoral literacy through programmes designed by various departments and NSS.
7. Nurturing of communication skills of students through appropriate soft skill / life skill training
8. Students may be encouraged to fulfill the requirements of Academic Bank of Credits (ABC)

E. Governance and Leadership

1. Providing facelift to the existing infrastructure with quality upgradation and improving front elevation of the buildings with aesthetic architectural designs
2. Preparing the College for autonomy
3. The Management may encourage all teaching departments for more resource mobilization through project funding
4. IQAC members may be deputed to visit quality higher educational institutions at the national level and if possible good institutions abroad
5. Alumni resources may be further explored for funding selective infrastructure projects.



Dr. Rajan Varughese
Former Principal
Union Christian College, Aluva



Dr. Varughese Mathew
Former Principal
Mar Thoma College, Tiruvalla

IQAC REPORT SUMMARY 2023- 24



MAR THOMA COLLEGE



INTERNAL QUALITY ASSURANCE CELL (IQAC)

MAR THOMA COLLEGE

CHUNGATHARA, MALAPPURAM DIST., KERALA – 679334

(Affiliated to the University of Calicut)

[Re-accredited by the National Assessment and Accreditation Council with Grade : B]

Regd. under the Society Act XXI of 1860 Regn.No.325/2004

Ph : 04931 – 230510

04931 – 230306

Email : iqac@mtcc.ac.in

OBJECTIVE

The main goal is to develop a system that facilitates conscious, consistent, and catalytic action to improve both academic and administrative aspects of the institution. This involves implementing quality benchmarks, developing mechanisms for feedback and improvement, and nurturing a culture of continuous improvement throughout the institution.

VISION

To develop systematic quality processes in the college for evolving, enhancing and sustaining excellence in its academic and administrative practices and to set benchmarks for their periodic evaluation.

MISSION

- To develop a conscious, consistent and catalytic quality improvement system that encourages the pursuits of the staff and students of the college.
- To promote innovative practices to continually improve the effectiveness of the teaching-learning experiences of the staff and students.
- To strive to realize the mottoes of the college through the best possible implementation of the plans and policies of the Management, University and the Government, pertaining to knowledge production and dissemination.
- To ensure a learner-centric environment equipped with the latest techniques and technologies of teaching, research and sharing knowledge.

FUNCTIONS

- ❖ Setting excellent benchmarks with consistent work.
- ❖ Creating parameters to attain academic as well as non-academic learning goals.
- ❖ Creating a student-centric teaching-learning environment.
- ❖ Enabling college to effectively use edTech equipment for innovation in training.



COMPOSITION OF THE IQAC

The IQAC has been reconstituted as per the UGC guidelines. The cell works towards relishing the goals of quality enhancement and sustenance. It further aims at developing a system for conscious, consistent and catalytic improvement in the performance of the institution.

1. Dr. Rajeev Thomas (Principal)
2. Dr. Binija George (HOD, Commerce)
3. Dr. Kishan Kumar S. R. (HOD, Physics)
4. Mrs. Nivya V Neelankavil (Head-in-charge, Economics)
5. Mrs. Ajesh T. P. (Head-in-charge, Botany)
6. Dr. George T.M. (HOD In-charge, Chemistry, & IQAC Co-ordinator)
7. Rev. S. George (Bursar of the College, Management Representative)
8. Dr. Rajan Varghese (Educational Expert)
9. Mr. M. C. Mathew (Industrial Expert)
10. Mr. Biju Mark John (Representative, Administrative Section)
11. College Union Chairman

The Internal Quality Assurance Cell (IQAC) of the college has been functioning successfully for 16 years, since its inception in June 2004. With a focus on academic excellence to ensure quality in all operations, the core team of the IQAC include Dr. Raina Thomas, Principal of the College as the IQAC Chairperson, Dr. Rajeev Thomas as the Coordinator. The third cycle of Accreditation in the revised framework earned us the grade of B with a CGPA of 2.43 in 2021 (14th February 2021). The college was also participated in the NIRF ranking system and submitted the AISHE Report. of the college conducted many Faculty and Student development Programmes, which benefitted teachers and students of other colleges as well.

Following Programmes were organised by IQAC during the academic year 2023-24:

Faculty Induction Programme Report

Event: Faculty Induction Programme

Theme: *Teacher Well-Being: Fostering Happiness at Work*

Organized by: Internal Quality Assurance Cell (IQAC), Mar Thoma College, Chungathara

Date: June 13, 2023

Time: 9:30 AM to 3:30 PM

Venue: Audio Visual Hall

Participants: 33 Faculty Members

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College, Chungathara, organized a Faculty Induction Programme on June 13, 2023, with the theme *Teacher Well-Being: Fostering Happiness at Work*. The session aimed to enhance the well-being and professional satisfaction of teachers, thereby fostering a happier and more effective teaching environment.

The programme began with a **welcome address** by Dr. George T. M., IQAC Co-Coordinator, followed by the session being **chaired by Dr. Rajeev Thomas**, the Principal of Mar Thoma College.

The resource person for the event was **Dr. J. John Love Joy**, from the Research Department of English, St. Joseph's College (Autonomous), Trichy. He provided an engaging and thought-provoking session on strategies to maintain teacher well-being and happiness in the workplace. His insights emphasized the importance of self-care, stress management, and maintaining a positive work environment for educators.

Participants actively interacted with Dr. John Love Joy, sharing their experiences and seeking practical advice. The feedback received from the attendees was overwhelmingly positive, reflecting the success of the programme.

The session concluded with a **vote of thanks** delivered by **Dr. Jino P. Varughese**, the Staff Secretary, expressing gratitude to the resource person, organizing committee, and participants for their active involvement.

This initiative by IQAC has successfully motivated the faculty to focus on their well-being while fostering a collaborative and supportive academic atmosphere.



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Phone : 04931 230510



IQAC ORGANIZES

Faculty Induction Programme

"Teacher Well-Being: Fostering Happiness at Work"



Dr. J. JOHN LOVE JOY

Research Department of English
St. Joseph's College (Autonomous), Trichy

2023 JUNE 13, 9.30 AM

Venue : Audio Visual Hall

Inauguration : **Rev. S. GEORGE (Bursar)**

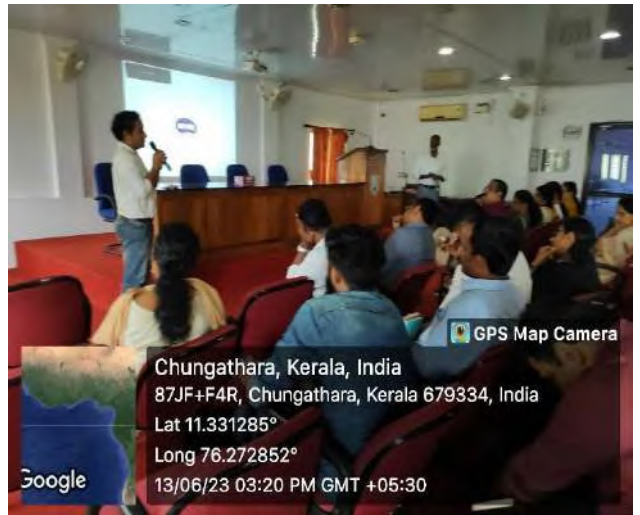
All are Cordially Invited

Dr. Rajeev Thomas
Principal

Dr. Jino P. Varughese
Staff Secretary

Dr. George T. M.
IQAC Co-ordinator

www.mtcc.ac.in mtccchungathara@gmail.com



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Faculty Training Programme Report

Event: Faculty Training Programme

Theme: *ICT Supported Learning Devices*

Date: September 7, 2023

Time: 9:30 AM

Venue: Conference Hall, Mar Thoma College, Chungathara

Participants: 18 Faculty Members

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College, Chungathara, organized a Faculty Training Programme on *ICT Supported Learning Devices* on September 7, 2023, in the college's Conference Hall. The session aimed to familiarize faculty members with the use of modern ICT tools to enhance classroom teaching and learning processes.

The programme commenced with a **welcome address** by **Dr. George T. M.**, IQAC Coordinator, who also chaired the session. The training was led by expert trainers from **BenQ** and **Senses**, who provided a detailed demonstration of smart boards and their functionalities.

The trainers explained the advantages of smart boards over traditional chalk-and-board teaching methods, highlighting how ICT integration can make teaching more interactive, engaging, and efficient. Faculty members were introduced to various features of smart boards, including multimedia support, real-time collaboration tools, and improved student engagement techniques.

The session was highly interactive, with faculty members actively engaging with the trainers, asking questions, and sharing their thoughts. The hands-on demonstration ensured that participants gained a clear understanding of the practical applications of smart boards in the classroom.

The event concluded with a **vote of thanks** delivered by **Mr. Jerrin C. Issac**, expressing gratitude to the trainers, organizers, and participants for making the session a success.

This training programme provided valuable insights and practical knowledge on leveraging ICT tools for innovative teaching, further strengthening the college's commitment to adopting modern teaching methodologies.



Report on Administrative Staff Training Programme

Date: 16th September 2023
Venue: AV Hall, 9:30 AM to 4:30 PM

An Administrative Staff Training Programme was successfully organized on 16th September 2023 at the AV Hall. The programme saw the participation of 55 attendees, including staff members from other colleges, and focused on enhancing administrative knowledge and skills.

The event commenced with a welcome address by Mr. Sherin M., Head Accountant, who warmly greeted the participants and resource persons. Mr. Jerin C. Issac, Assistant Professor and Programme Coordinator, extended his felicitations, highlighting the significance of the training.

The training sessions were led by esteemed resource persons:

- **Mr. Babu M. P.**, Retired Senior Superintendent, Deputy Directorate of Collegiate Education
- **Mr. Shine K. S.**, Junior Superintendent, Deputy Directorate of Collegiate Education

Programme Highlights:

The resource persons conducted two interactive sessions that covered:

1. **PD Rules and DCB Preparation**
2. **Store Purchase Manual and Fee Rules**
3. **E-Grants Management**
4. **Maintenance of Cashbook and Registers**
5. **Audit Preparation**
6. **Office Procedures in College Administration**

The sessions were highly informative, offering practical insights and strategies for efficient office management. The participants actively engaged with the resource persons, seeking clarifications and discussing challenges faced in their administrative roles.

The event concluded with a vote of thanks delivered by Mr. Subin, who expressed gratitude to the resource persons, participants, and organizers for their contributions to the programme's success.

The training programme was well-received and proved to be an enriching experience for all attendees, equipping them with valuable knowledge to improve administrative operations in their respective institutions.



Report on Faculty Training Programme (PSYKEY)

Date: 25th September 2023

Venue: AV Hall, 2:30 PM to 4:30 PM

A Faculty Training Programme, titled **PSYKEY**, was conducted on 25th September 2023 in the AV Hall, with 30 faculty members in attendance. The programme aimed to equip faculty with the skills and understanding needed to address students' psychological issues effectively.

The session was inaugurated with a warm welcome address by **Dr. George T. M.**, IQAC Coordinator, who emphasized the importance of mental health awareness and the pivotal role of faculty in identifying and supporting students facing psychological challenges.

Resource Persons:

1. **Ms. Ahana Jose**, Counsellor, Jeevani Counseling Cell
2. **Ms. Shifa Sherin**, Assistant Professor, Department of Psychology

Programme Highlights:

The resource persons conducted insightful sessions focusing on:

- Identifying signs of psychological distress in students.
- Understanding common psychological challenges faced by students.
- Strategies for providing initial support and guiding students toward professional help.
- Best practices in communication and fostering a supportive environment in classrooms.

The interactive nature of the sessions encouraged faculty members to share experiences and seek solutions to challenges they face while handling students. The discussions provided practical tools and approaches to help faculty play a supportive role in students' mental well-being.

The programme concluded with a vote of thanks by **Dr. Jino P. Varughese**, Staff Secretary, who expressed gratitude to the resource persons for their valuable insights and to the participants for their active engagement.

The training session was well-received and provided faculty members with essential knowledge to better support their students, thereby contributing to a more nurturing and understanding educational environment.



Report on Faculty Workshop on 'Best Practices'

Date: 31st October 2023

Venue: Audio Visual Hall

A workshop for faculty members on '**Best Practices**' that can be implemented by an arts and science college was conducted on 31st October 2023 in the Audio Visual Hall. The session was attended by 42 faculty members and served as a platform to discuss innovative practices that can enhance the institution's academic and extracurricular environment.

The workshop began with a welcome address by **Dr. George T. M.**, setting a positive tone for the session. The session was chaired by the Principal, **Dr. Rajeev Thomas**, who highlighted the importance of adopting best practices to achieve institutional excellence.

Resource Person:

Dr. Sheelu Abraham, Assistant Professor, Post Graduate Department of Physics

Key Highlights:

Dr. Sheelu Abraham shared insights on various best practices followed by colleges across India, emphasizing their relevance and adaptability for arts and science colleges. Key topics included:

- Strategies to improve academic standards.
- Approaches to foster extracurricular excellence.
- Green initiatives to promote sustainability on campus.

The workshop encouraged active participation, with faculty members engaging in discussions and sharing ideas. The interactive discussions culminated in the identification of two key practices to be officially recognized as best practices of the college:

1. **Holistic Orientation towards Potential Excellence (HOPE):** A framework integrating curricular and extracurricular activities to support comprehensive student development.
2. **SPROUT:** A green initiative focusing on sustainable practices within the campus to nurture an eco-friendly environment.

The workshop concluded with a vote of thanks by **Dr. Anupama K. K.**, who expressed gratitude to the resource person for her enlightening session, the Principal for his guidance, and the faculty for their active involvement.

This workshop provided a significant opportunity for faculty members to reflect on existing practices and identify areas for improvement, thereby contributing to the overall growth and excellence of the institution.



One-Day Workshop on "Energy, Environmental, and Green Audit: What Do They Signify For Us?"

Date: 27th November 2023

Time: 1:30 PM

Venue: AV Hall, Mar Thoma College, Chungathara

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College organized a one-day workshop titled "Energy, Environmental, and Green Audit: What Do They Signify For Us?" on 27th November 2023.

Program Highlights:

- **Chairperson:** Dr. Rajeev Thomas, Principal of Mar Thoma College, presided over the event.
- **Welcome Address:** The session began with a warm welcome speech by Sheelu Abraham, Assistant Professor, Department of Physics, and Criteria 7 Convener.
- **Resource Person:** Dr. Anoop Das, HOD of the Department of Zoology, MES College, Mampad, delivered an engaging session on the significance of green audits in ensuring sustainable development and environmental responsibility.
- **Interactive Session:** The participants actively engaged in a vibrant interactive session, posing questions and sharing ideas with the resource person.
- **Vote of Thanks:** Dr. George T. M., IQAC Coordinator, concluded the program with a vote of thanks, expressing gratitude to the resource person, faculty, and participants.

The workshop proved to be a significant platform for fostering awareness about green practices and their implementation in academic institutions.



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IQAC Organises

One Day Workshop On

Energy, Environmental And Green Audit. What Do They Signify For Us?

Resource Person



Dr. Anoop Das

(HOD, Department of zoology, MES College Mampad)

Date: 2023 November 27@1.30 PM | Venue: AV Hall

IQAC Mar Thoma College Chungathara is organising a workshop about Energy and Green Audit. This programme is highly beneficial to IQAC Co-ordinators, criteria committee convenors and faculty members. All are invited.

Dr. George T M
IQAC Co-ordinator

Rev. S. George
Bursar

Dr. Rajeev Thomas
Principal



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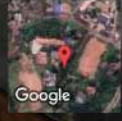
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One-Day Seminar on "Charting the Sustainable Future: Advancing Green Initiatives in Higher Education Institutions"

Date: 27th November 2023

Time: 2:30 PM


Venue: AV Hall, Mar Thoma College, Chungathara

As part of its initiatives to promote sustainability, the IQAC of Mar Thoma College conducted a one-day seminar on "Charting the Sustainable Future: Advancing Green Initiatives in Higher Education Institutions."

Program Highlights:


- **Chairperson:** Dr. Rajeev Thomas, Principal of Mar Thoma College, chaired the session.
- **Welcome Address:** Sheelu Abraham, Assistant Professor, Department of Physics, and Criteria 7 Convener, delivered the welcome speech, setting the tone for the seminar.
- **Resource Person:** Dr. Dhanya R., Director of the School of Environmental Science, Thunchath Ezhuthachan Malayalam University, Tirur, presented an insightful session emphasizing the role of green initiatives in transforming higher education institutions into sustainable models.
- **Interactive Session:** The participants engaged in a meaningful discussion during the interactive session, raising queries and exploring practical applications of the concepts presented.
- **Vote of Thanks:** The seminar concluded with a vote of thanks by Dr. George T. M., IQAC Coordinator, who appreciated the resource person, faculty, and attendees for their contributions to the success of the seminar.

The seminar served as a crucial step towards fostering a culture of sustainability and environmental consciousness in higher education institutions.




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IQAC Organises
One Day Seminar On
Charting The Sustainable Future: Advancing Green Initiatives In Higher Education Institutions



2023 November 27
@ 2.30 PM
Venue: AV Hall

Resource Person:
Dr. Dhanya R
 Director, School of Environmental Science
 Thunchath Ezhuthachan Malayalam University, Tirur

IQAC Mar Thoma College Chungathara is organising a workshop about Green Initiatives in HEI's. This programme is highly beneficial to IQAC Co-ordinators, criteria committee convensors and faculty members. All are invited

Dr. George T M IQAC Co-ordinator	Rev. S. George Bursar	Dr. Rajeev Thomas Principal
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Report on the One-Day Seminar on "Science Awareness for New India"

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College, Chungathara, in collaboration with the Kerala Sastra Sahitya Parishath, organized a one-day seminar on January 28, 2023. The seminar, aimed at promoting science awareness to foster the development of a "New India," was held at the Mar Thoma College campus and witnessed active participation from students, faculty, and invited guests.

The event featured notable speakers who shared their insights and perspectives on the role of science and education in shaping the future of the nation. Among them, Dr. Aneesh, from the Medical College Manjeri, delivered a compelling address emphasizing the importance of science awareness in achieving societal progress and innovation. He highlighted how an informed and scientifically literate society can contribute to the vision of a modern, self-reliant India. Dr. Aneesh stressed the need for educational institutions and communities to work together in fostering curiosity and critical thinking among young minds.

The program began with an inaugural address by Dr. Rajeev Thomas, Principal of Mar Thoma College, who welcomed the audience and outlined the seminar's objectives. Following this, Dr. T.S. Anil, an expert in environmental studies, shared valuable insights into the role of sustainable science in addressing global challenges. The seminar concluded with remarks from Smt. Rina Chacko and Dr. Lal Paul Parayil, who appreciated the collaborative effort between the college and Kerala Sastra Sahitya Parishath.

This event served as a platform to engage in meaningful discussions about the transformative power of science and its potential to pave the way for a brighter future for India. Participants left the seminar inspired to contribute to the nation's progress through innovation and scientific endeavors.



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**IQAC MAR THOMA COLLEGE
 IN ASSOCIATION WITH KERALA SASTRA SAHITYA
 PARISHATH ORGANIZES**

One Day Seminar On

2023 നവംബർ 28 ചൊവ്വ 02 PM
 മാർത്തോമാ കോളേജ് ചുങ്കത്തറ





ഉദ്ഘാടനം:
ഡോ. രാജീവ് തോമസ്
 (പിതൃഭവൻ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് മാനേജ്മെന്റ്)



ഓപ്പൺ നയീക്കുന്നത്:
ഡോ. ടി.എസ് അനീഷ്
 (രവീകരൻ കോളേജ് ബോധി)
 വിഷയം : ഏക ലോകം ഏകാവസ്ഥ



സാനിറ്റം:
ശ്രീമതി റീന ടീച്ചർ
 (രവീകരൻ കോളേജ് ഡ്രാഫ്റ്റ്സ് വുമൺ)



സാനിറ്റം:
ഡോ.ലാൽ പരമേശ്വരൻ
 (രവീകരൻ ഓഫീസ് BFHC ഇടത്തറ)



Report on the One-Day Workshop on "NAAC-SSR Preparation: A Practical Approach"

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College, Chungathara, organized a one-day workshop titled "**NAAC-SSR Preparation: A Practical Approach**" on November 29, 2023. The event was held at the AV Hall of the college and witnessed the participation of 53 faculty members and administrators, all aiming to enhance their understanding of effective SSR preparation.

Programme Details:

- **Date:** November 29, 2023
- **Time:** 9:00 AM onwards
- **Venue:** AV Hall
- **Resource Person:** Dr. Anupama P, IQAC Coordinator, Marthoma College for Women, Perumbavoor

The session was inaugurated by **Dr. George T M**, IQAC Coordinator of Mar Thoma College, who welcomed the participants and outlined the objectives of the workshop. In his address, he emphasized the importance of systematic preparation of the Self-Study Report (SSR) for NAAC accreditation, as it forms the backbone of quality assurance in higher education institutions.

The workshop was chaired by **Dr. Rajeev Thomas**, Principal of Mar Thoma College, who highlighted the college's commitment to academic excellence and the relevance of the workshop in achieving institutional goals.

Key Highlights:

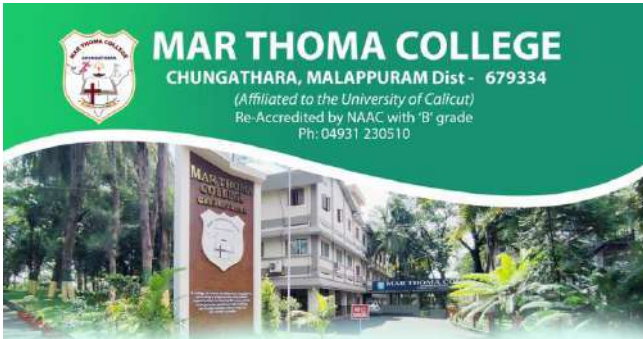
The resource person, **Dr. Anupama P**, shared her expertise on the SSR preparation process, providing practical insights and strategies for effectively documenting institutional achievements. She elaborated on:

- Key components of the SSR.
- Techniques for data collection and verification.
- Strategies for aligning institutional goals with NAAC criteria.
- Tools for ensuring transparency and accuracy in report preparation.

The session was interactive, with participants actively engaging in discussions and seeking clarification on various aspects of SSR preparation.

Conclusion:

The workshop concluded with a vote of thanks delivered by **Mr. Jerrin C. Issac**, who expressed gratitude to the resource person, the organizing team, and the participants for their enthusiastic involvement. The program was deemed highly informative and practical, equipping participants with the necessary tools and knowledge to enhance their institutional quality processes.



IQAC Organises
 ONE DAY WORKSHOP ON
**NAAC - SSR PREPARATION:
 A PRACTICAL APPROACH**

Date : 2023 November 29
 Time : 9:00 AM onwards
 Venue : AV Hall

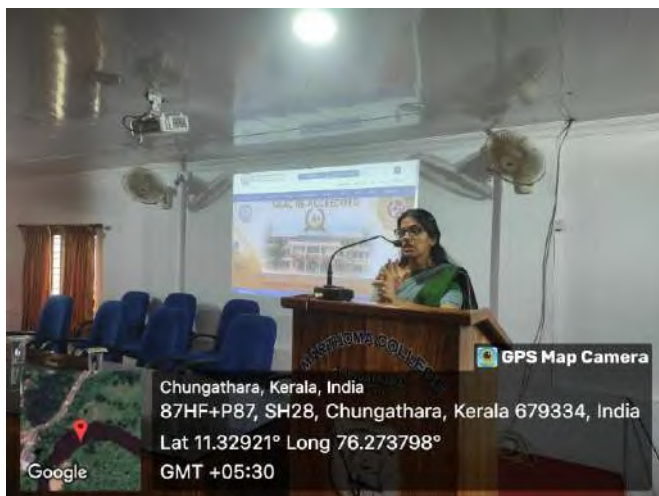
Resource Person
Dr. Anupama .P
 IQAC Co-ordinator,
 Marthoma College for Woman,
 Perumbavoor



Dr. George T M
 IQAC Co-ordinator

Rev. S. George
 Bursar

Dr. Rajeev Thomas
 Principal



Report on Administrative Staff Training Program: "Hands-On Training in GEM"

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College, Chungathara, organized a one-day **Administrative Staff Training Program** on **January 18, 2024**, focusing on "**Hands-On Training in GEM (Government e-Marketplace) Account Creation and GEM Procedures.**" The event, held at the Computer Lab of the college, was attended by 15 participants, including administrative staff members, the RUSA Coordinator, IQAC Coordinators, and the NSS Coordinator of the college.

Programme Details:

- **Date:** January 18, 2024
- **Time:** 10:30 AM
- **Venue:** Computer Lab, Mar Thoma College, Chungathara
- **Resource Persons:**
 - **Ms. Princy Kuriakose**
 - **Mr. Sanjay Iype**

Key Highlights:

The session began with a warm welcome address by **Dr. George T M**, IQAC Coordinator, who emphasized the importance of mastering GEM procedures for streamlining procurement processes and enhancing administrative efficiency.

The workshop was chaired by **Dr. Rajeev Thomas**, Principal of Mar Thoma College, who highlighted the relevance of integrating digital tools like GEM in institutional operations for transparency and accountability.

The resource persons, **Ms. Princy Kuriakose** and **Mr. Sanjay Iype**, conducted a detailed and interactive hands-on training session. Key topics covered during the session included:

- **GEM Account Creation:** Step-by-step guidance on setting up accounts.
- **GEM Procedures:** Practical demonstration of procurement workflows and compliance with government protocols.

Participants were actively engaged in the training, with resource persons addressing their queries and guiding them through live exercises on GEM.

Conclusion:

The program concluded with a vote of thanks delivered by **Mr. Sherin M**, who expressed gratitude to the resource persons, the organizing team, and all participants for their cooperation and enthusiasm. Lunch was provided to all attendees, marking the end of a productive and enriching session.



MAR THOMA COLLEGE

CHUNGATHARA, MALAPPURAM Dist - 679334

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IQAC ORGANISES

ADMINISTRATIVE STAFF TRAINING PROGRAM

Topic: Hands on Training in GEM
(GEM Account creation & GEM Procedures)

🕒 2024 Jan. 18 Thursday | Time: 10:30 AM

📍 Computer Lab, MTC Chungathara

Resource Persons : Ms. Princy Kuriakose
Mr. Sanjay Iype

who can participate : RUSA Co-ordinators, HODs,
Administrative staff

Registration Link



Registration Fee:
Rs. 100/ person - at the time of registration
(Lunch will be provided)

For more information Contact:

Dr. George TM - 8075680890 | Sherin Mammen - 9745868165

Dr. George TM
IQAC Co-ordinator

Rev. S. George
Bursar

Dr. Rajeev Thomas
Principal



GPS Map Camera

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Google

Report on Faculty Training Programme: "Digitalising Teaching: A Hands-On Experience"

The Internal Quality Assurance Cell (IQAC) of Mar Thoma College, Chungathara, organized a one-day **Faculty Training Programme** on **February 15, 2024**, focusing on "**Digitalising Teaching: A Hands-On Experience.**" The event was held in the Mini Conference Hall (RUSA) and provided an interactive platform for faculty members to enhance their knowledge and skills in utilizing digital tools for effective teaching.

Programme Details:

- **Date:** February 15, 2024
- **Time:** 10:30 AM onwards
- **Venue:** Mini Conference Hall (RUSA), Mar Thoma College, Chungathara
- **Resource Person:** Mr. Arjun PM

Key Highlights:

The session began with a warm welcome address by **Dr. George T M**, IQAC Coordinator, who highlighted the importance of integrating digital tools into teaching methodologies to cater to the evolving needs of education in the digital age.

Dr. Rajeev Thomas, Principal of Mar Thoma College, chaired the session and emphasized the college's commitment to equipping its faculty with the skills necessary to create a dynamic and engaging learning environment.

The resource person, **Mr. Arjun PM**, conducted a highly engaging and interactive session, covering the following key aspects:

- Introduction to digital tools and platforms available for educators.
- Hands-on training on using these tools to design interactive teaching content.
- Techniques for effectively engaging students in a virtual and hybrid learning environment.
- Best practices for leveraging technology to improve teaching outcomes.

The session was well-received by the participants, who actively engaged in discussions and practical exercises, sharing their experiences and learning from one another.

Conclusion:

The programme concluded with a vote of thanks delivered by **Mr. Jerin C Issac**, Convener of the programme, who expressed gratitude to the resource person, the organizing team, and the participants for their enthusiastic involvement.

The training session proved to be a valuable initiative, equipping faculty members with practical insights and skills to enhance their teaching practices through digital tools. This program reaffirmed the college's dedication to fostering continuous professional development among its educators.



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IQAC ORGANISES

ONE DAY ORIENTATION PROGRAMME

Topic:
Digitalising Teaching; A Hands on Experience

2024 Feb. 15 Thursday | Time: 10:30 AM onwards

Mini Conference Hall (RUSA) MTC Chungathara

Resource Person : Mr. Arjun PM

Organising Committee

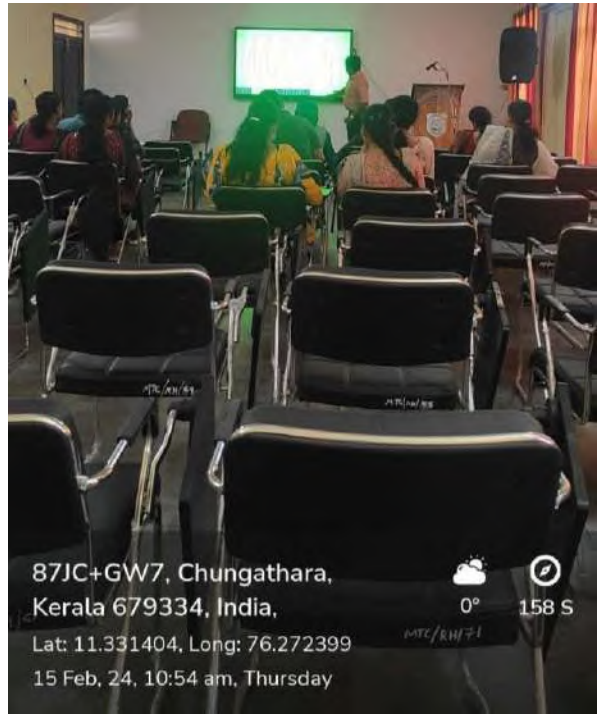
- Dr. Rajeev Thomas, Principal
- Dr. George TM
- Mr. Jerin C Issac (Convenor)
- Dr. Dhanya Varma
- Mr. Sreekanth

A Quality Initiative by IQAC Mar Thoma College Chungathara



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15 Feb. 24, 10:54 am, Thursday



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Kerala 679334, India,

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15 Feb. 24, 10:54 am, Thursday

Report on Administrative & Academic Staff Training Programme: "NEP 2020 - Prospects and Challenges"

The IQAC of Mar Thoma College, Chungathara, organized an **Administrative & Academic Staff Training Programme** on **February 20, 2024**, focusing on **"NEP 2020 - Prospects and Challenges."** The workshop aimed to provide insights into the National Education Policy (NEP) 2020 and its implications for higher education.

Programme Details:

- **Date:** February 20, 2024
- **Time:** 2:30 PM onwards
- **Venue:** Mini Conference Hall, Mar Thoma College, Chungathara
- **Resource Person:** Dr. Anas Edarath (Vice Principal, MES College, Mampad)

Key Highlights:

The session commenced with a **welcome address** by **Dr. George T M**, IQAC Coordinator, who emphasized the significance of understanding the NEP 2020 to align with its goals and prepare for its implementation effectively.

Dr. Rajeev Thomas, Principal of Mar Thoma College, chaired the session and delivered the opening remarks, highlighting the transformative potential of NEP 2020 in reshaping the education landscape.

The resource person, **Dr. Anas Edarath**, conducted an engaging session covering:

- Overview of the National Education Policy 2020.
- Key objectives and reforms proposed under NEP 2020 for higher education institutions.
- Challenges in implementing NEP and strategies to overcome them.
- Upcoming trends and opportunities in education with the adoption of NEP.

The session included an interactive discussion where participants shared their perspectives and clarified doubts regarding the policy and its execution.

Conclusion:

The workshop concluded with a **vote of thanks** delivered by **Mr. Jerin C Issac**, Convener of the programme, who expressed gratitude to the resource person, the organizing committee, and all participants for their active involvement. The training programme successfully provided the administrative and academic staff with a clear understanding of the NEP 2020, its prospects, and the challenges ahead. It underscored the importance of staying informed about upcoming trends in education and adapting to changes effectively to ensure the institution's growth and success.



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IQAC ORGANISES

WORKSHOP ON NEP 2020 - PROSPECTS AND CHALLENGES

2024 Feb. 20 Tuesday | Time: 2:30 PM onwards

Mini Conference Hall, MTC Chungathara

Resource Person

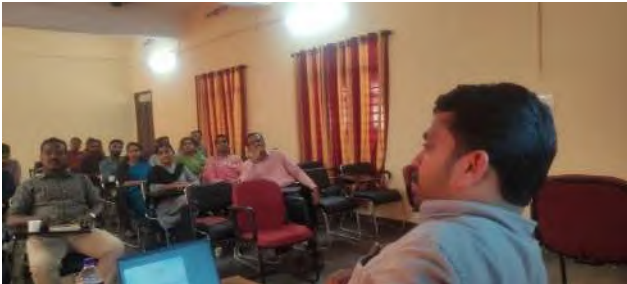
Dr. Anas Edarath
(Vice Principal,
MES College Mampad)



Rev S George
Bursar

Dr. George T.M
IQAC Co-ordinator

Dr. Rajeev Thomas
Principal



Report on Panel Discussion: "NEP 2020 & Autonomous Colleges"

The IQAC of Mar Thoma College, Chungathara, successfully organized a **Panel Discussion on "NEP 2020 & Autonomous Colleges"** on **March 5, 2024**. The event brought together distinguished academicians and administrators to deliberate on the prospects and challenges associated with implementing NEP 2020 and the concept of autonomy in higher education institutions.

Programme Details:

- **Date:** March 5, 2024
- **Time:** 10:30 AM
- **Venue:** Audio Visual Hall, Mar Thoma College, Chungathara
- **Keynote Speaker:** Prof. Kuncheria P Issac
 - Founder Vice Chancellor, Kerala Technical University
 - Vice Chancellor, Hindustan University

Panel Members:

1. **Dr. George Varghese**
Former Executive Director, Kerala State Council for Science, Technology, and Environment, Trivandrum; Professor, Department of Physics, University of Calicut
2. **Dr. Icy K John**
Secretary, MTHEC, Thiruvalla, and Former Principal, Mar Thoma College, Thiruvalla; NAAC Consultant
3. **Dr. Alex Mathew**
ICHR Senior Fellow and Former Principal, Mar Thoma College, Thiruvalla
4. **Prof. Alexander K Samuel**
Former Syndicate Member, CUSAT, and Former Principal, St. Thomas College, Kozhencherry

Key Highlights:

- The session commenced with a **welcome address** by **Dr. Rajeev Thomas**, Principal of Mar Thoma College.
- **Dr. Icy K John** chaired the session and set the tone for the discussion, emphasizing the relevance of NEP 2020 and the potential of autonomy in enhancing institutional performance.
- **Prof. Kuncheria P Issac** delivered the keynote address, providing an in-depth analysis of:
 - The structural and operational changes proposed under NEP 2020.
 - Opportunities and challenges faced by autonomous colleges in achieving academic and administrative excellence.

The panel discussion included rich deliberations on topics such as:

- Academic flexibility and multidisciplinary approaches.

- Strengthening governance and leadership in autonomous colleges.
- Implications of NEP 2020 on curriculum development, research, and quality enhancement.

The audience actively participated in the Q&A session, seeking clarifications and sharing their perspectives.

Conclusion:

The programme concluded with a **vote of thanks** delivered by **Dr. George T M**, IQAC Coordinator, who expressed gratitude to the keynote speaker, panel members, organizing committee, and participants.

This panel discussion provided valuable insights into the transformative potential of NEP 2020 and autonomy in higher education, leaving the participants motivated to embrace the changes and work towards institutional excellence.

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IQAC Organises

**A Panel discussion on
 "NEP 2020 & Autonomous Colleges"**



Keynote Speaker
Prof. KUNCHERIA P ISSAC
 Founder Vice Chancellor, Kerala Technical University,
 Vice Chancellor, Hindustan University

Panel Members

- Dr. George Varghese**
 Former Executive Director, Kerala State Council for Science,
 Technology and Environment, Trivandrum.
 Prof. Department of Physics, University of Calicut
- Dr. Izy K. John**
 Secretary, MTHEC, Thiruvalla and Former Principal Mar Thoma
 College, Thiruvalla and NAAC Consultant.
- Dr. Alex Mathew**
 ICHR Senior fellow and former Principal Mar Thoma College, Thiruvalla.
- Prof. Alexander K. Samuel**
 Former Syndicate member CUSAT and Former Principal
 St. Thomas College Kuzhencherry.

2024 MARCH 05 10.30 AM
 Virtual AUDIO VISUAL HALL.

Presided over by
Rt.Rev. Dr. Mathews Mar Makarios Episcopa (Manager)

Rev. S. George Bursar Dr. George T.M. IQAC Co-ordinator Dr. Rajeev Thomas Principal



Report on Hands-On Training: "Digital Tools for Teaching and Learning"

The IQAC of Mar Thoma College, Chungathara, organized a **Hands-On Training on "Digital Tools for Teaching and Learning"** on **March 15, 2024**, at the Mini Conference Hall (RUSA), MTC Chungathara. This event aimed to equip faculty members with practical skills in integrating digital tools, particularly smartboards, into classroom teaching.

Programme Details:

- **Date:** March 15, 2024
- **Time:** 10:00 AM onwards
- **Venue:** Mini Conference Hall (RUSA), MTC Chungathara
- **Resource Person:** Mr. Arjun PM

Key Highlights:

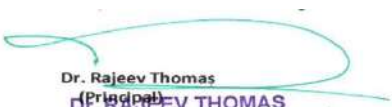
- The programme commenced with a **welcome address** by **Dr. George T M**, IQAC Coordinator, who emphasized the significance of digital tools in modernizing education and enhancing classroom experiences.
- The session was **chaired by Dr. Rajeev Thomas**, Principal of Mar Thoma College. In his address, he highlighted the role of technology in fostering interactive and efficient teaching methodologies.
- **Mr. Arjun PM**, the resource person, conducted an interactive and engaging session focused on:
 - **Training on the Use of Smartboards in Classrooms:**
Participants were provided with a step-by-step demonstration on operating smartboards effectively.
 - **Integration of Digital Tools:**
Practical insights into incorporating various digital platforms and tools for teaching and assessment were shared.
- The hands-on training allowed participants to familiarize themselves with the functionalities of smartboards and explore creative ways to enhance student engagement.

Conclusion:

The programme concluded with a **vote of thanks** delivered by **Mr. Jerin C Issac**, the Convener of the Programme. He expressed gratitude to the resource person, the organizing committee, and the participants for making the event a success.

This training session proved to be a valuable experience, empowering educators with essential digital skills to make teaching more dynamic and effective. It was a step forward in the college's ongoing efforts to embrace technology in education.




Dr. Rajeev Thomas
Principal
DR. RAJEEV THOMAS
PRINCIPAL
MARTHOMA COLLEGE
CHUNGATHARA P.O, PIN-679 334



MAR THOMA COLLEGE

CHUNGATHARA, MALAPPURAM Dist - 679334

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IQAC ORGANISES

HANDS-ON TRAINING

Topic:
Digital Tools for Teaching and Learning

2024 Mar. 15 Friday | Time: 10:00 AM onwards

Mini Conference Hall (RUSA) MTC Chungathara

Resource Person : Mr. Arjun PM

Organising Committee

- Dr. Rajeev Thomas, Principal
- Dr. George TM
- Mr. Jerin C Issac (Convenor)
- Dr. Dhanya Varma
- Mr. Sreekanth

A Quality Initiative by IQAC Mar Thoma College Chungathara



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Dr. Rajeev Thomas
DR. RAJEEV THOMAS
 PRINCIPAL
 MARTHOMA COLLEGE
 CHUNGATHARA P.O, PIN-679 334

Easow Mar Timotheos Memorial Lecture 2023-24

Mr. Issac Eapen

(Dy. Director, Central Press Information Bureau, Kerala & Writer)

will deliver a talk on

SECULAR SPIRITUALITY
(മതേതര ആത്മീയത)

Monday 15th January, 2024 @ 2.30PM
at Audio Visual Hall

Rt. Rev. Dr. Mathews Mar Makarios Episcopa

(Manager, Mar Thoma College, Chungathara & Bishop of Kunnamkulam - Malabar Diocese,
Mar Thoma Syrian Church)

will preside over the function

Mar Thoma College, Chungathara was established on October 28, 1981 by the Malankara Mar Thoma Syrian Church, under the able leadership of the great visionary, Late Glorified Rt. Rev. Easow Mar Timotheos Episcopa with the great motto, "Let Your Light Shine".

The College, is an institution for Rural Development, since it was established in an educationally, socially and financially backward area. The institution tries to always uphold the most noblest Christian ideals and offer its services to the members of every religion, caste and community. The College seeks to mould the minds of young men and women by developing their physical, intellectual, artistic, moral and spiritual abilities and powers.

Easow Mar Timotheos Memorial Lecture series, was instituted to commemorate the contributions of our founder manager Rt. Rev. Easow Mar Timotheos Episcopa. The lecture series had witnessed the following eminent speakers.

1. **Justice K.T Thomas** (Rtd. Justice, Supreme Court of India)
(*Religious Freedom: Its Uses and Abuses*)
2. **Prof. M. Thomas Mathew** (Malayalam Critic and Writer)
(*Human Values in Modern Society*)
3. **Prof. Dr. K.S Radhakrishnan** (Former Chairman, Kerala PSC)
(*Spiritual Dimensions in Democracy*)
4. **Prof. Dr. V.J Papoo** (Former Vice-Chancellor, CUSAT)
(*New Trends in Higher Education*)
5. **Dr. P.J Alexander IPS** (Rtd. DGP, Kerala State)
(*Contemporary Kerala Society, Problems & Prospects*)
6. **Sri. C.P John** (Member, Kerala State Planning Board)
(*New Trends in the Global Political Economy & its impacts in Kerala*)
7. **Dr. D. Babu Paul IAS** (Rtd. Addl. Chief Secretary, Ombudsman, LSGI Kerala)
(*Indian Secularism*)
8. **Dr. Usha Titus IAS** (Principal Secretary, Department of Higher Education, Govt. of Kerala)
(*Nurturing Excellence in Education*)
9. **Justice Cyriac Joseph** (Former Judge, Supreme Court of India)
(*Role of Religion in Contemporary India*)
10. **Mr. P.J. Joshua** (Chief News Editor, Malayala Manorama, Kozhikode)
(*Truth, Post Truth and Democracy*)



Dr. Rajeev Thomas
PRINCIPAL
MARTHOMA COLLEGE
CHUNGATHARA P.O, PIN-679 334

Mathews Dolly Memorial Lecture

Mathews Dolly Memorial Lecture 2023 was organized by Department of English, Mar Thoma College in memory of Mathews Dolly.P, former Head of the Department of English, Mar Thoma College Chungathara on 21st August, 2023. Dr.Arunlal Mokeri, Writer, Critic, Asst.Professor, Dept.of English, Govt.College, Mokeri, delivered a lecture on Artificial Intelligence and the Histories of Reading.



Dr. Arunlal Mokeri delivering Mathews Dolly Memorial Lecture 2023 on Artificial Intelligence and the Histories of Reading



MAR THOMA COLLEGE
CHUNGATHARA

Invitation

**Mathews Dolly
Memorial Lecture 2023**

**Artificial Intelligence and
the Histories of Reading**

Speaker

Dr. Arunlal Mokeri

Author, Translator and Speaker
Assistant Professor, Department of English, Government College Mokeri

AUGUST 21, 2023 MONDAY

Venue: Audio Visual Hall | Time : 10.30 AM

Dr. Reena Mary Abraham
Convenor

Rev. S.George
Bursar

Dr. Rajeev Thomas
Principal



REPORT ON ENERGY AUDIT

ENERGY AUDIT REPORT – MAR THOMA COLLEGE, CHUNGATHARA P O, MALAPPURAM DT, KERALA

Prepared by Dr K.S Anoop Das et al

ENERGY AUDIT REPORT – MAR THOMA COLLEGE, CHUNGATHARA P O,

MALAPPURAM DT, KERALA

Prepared for Mar Thoma College, Chungathara P O, Malappuram Dt, Kerala

Prepared by Dr. K.S. Anoop Das & team, daksa@gmail.com, 09895471987,
Biodiversity Assessment Team

Report No 04/23/Mar Thoma College

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Document history

Version	Description	Date	Authors/Contributors	Authorised/ Approved for issue
1.1 Draft	Site visits	06/11/2023	Dr. K.S Anoop Das Dr. R. Dhanya Mr. Nizar	
1.2 Draft	Manuscript preparation / Data analysis	11/12/2023	-do-	
1.3 Print		26/12/2023	-do-	Final report for submission

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WILDLIFE RESEARCH & CONSERVATION TRUST

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Consultancy No 04/23

26/12/2023

ENERGY AUDIT CERTIFICATE

PRESENTED TO

MAR THOMA COLLEGE

This is to certify that Mar Thoma College has been thoroughly assessed by the Wildlife Research & Conservation Trust (WRCT) for the comprehensive evaluation of its institutional framework, in fulfillment of the requirements for an Energy Audit. The energy-saving measures and practices implemented by the institution have been meticulously examined in the audit report submitted. The findings were deemed satisfactory, demonstrating a commitment to sustainable energy usage and conservation.

The dedication and efforts demonstrated by the institution's management and faculty towards optimizing all forms of energy utilization are commendable and have been recognized as noteworthy contributions to environmental stewardship.

Authorized Signatory:

Dr. K.S Anoop Das

Dr. Dhanya R



ACKNOWLEDGEMENTS

The the Wildlife Research & Conservation Trust (WRCT) extends its gratitude to the management of Mar Thoma College for entrusting us with the vital task of conducting the Energy Audit. We sincerely appreciate the cooperation extended by the entire team at Mar Thoma College, which facilitated the successful completion of this assessment.

We extend our heartfelt thanks to the college's Manager, Rt. Rev. Dr. Mathews Mar Makarios Episcopa, and the Principal, Dr. Rajeev Thomas, for their support and forward-thinking leadership. Our special appreciation goes to the Coordinator of the Internal Quality Assurance Cell (IQAC) for his unwavering guidance and collaboration. We are also grateful to the dedicated staff members who actively participated in data collection and field measurements, as well as to the students and non-teaching staff of Mar Thoma College for their valuable contributions.

We acknowledge the Management Committee for granting us the opportunity to assess and evaluate the institution's environmental performance. The WRCT Energy Audit Team has compiled this report based on the input data provided by the college's representatives, complemented by the expert judgment of our team. While all efforts were made to ensure accuracy, the conclusions drawn in this report are based on the best estimates available and information collected in good faith.

It is important to note that the findings and recommendations in this report are derived using industry best practices and reasonable care. However, WRCT disclaims any express or implied warranty or representation regarding the information, conclusions, or forecasts presented. Consequently, no liability is assumed for any direct or consequential losses arising from the use of this report.

ABBREVIATIONS

A	Amps
AC	Air Conditioner
AC	Alternating Current
AMET	Academy of Maritime Education and Training
CFL	Compact fluorescent lamp
CIP	Comprehensive Inspection Programme
DC	Direct Current
HSD	High-Speed Diesel
Hz	Hertz
kg	Kilogram
kVA	kilo-volt-ampere
kW	kilo Watts
kWh	kilowatt hour
kW	Kilowatt peak
LED	Light Emitting Diode
LPG	Liquefied Petroleum Gas
MMS	Module mounting structure
MPPT	Maximum Power Point Tracker
NAAC	The National Assessment and Accreditation Council
SEC	Specific Energy Consumption
SPV	Solar Photovoltaic
STC	Standard Test Condition
TV	Television
V	Volts
W	Watts
W/m²	watt per square metre

INTERPRETATION

In this report, unless otherwise specified, the following definitions apply:

Energy Conservation refers to measures taken to minimize energy consumption by adjusting usage behavior, such as turning off lights when not in use.

Energy Efficiency denotes the practice of achieving the same service or output using less energy, for instance, replacing inefficient light bulbs with energy-efficient alternatives.

Faulty pertains to equipment that is malfunctioning or improperly constructed, possessing defects that impact performance.

Potential Savings indicate the actual reduction in operating costs resulting from enhanced energy efficiency achieved through conservation or efficiency measures.

Retrofitting involves upgrading existing systems to enhance their energy efficiency.

Tariff is defined as the rate charged by the utility supplier per kilowatt-hour (kWh) for the consumption of electrical energy.

Vampire Load describes the energy consumed by electronic and electrical devices while they are turned off or in standby mode, incurring costs without delivering any functional service.

INTRODUCTION

Mar Thoma College, Chungathara, established on October 28, 1981, by the Malankara Mar Thoma Syrian Church, operates under the Mar Thoma College Chungathara Educational Society (Reg. No. 325/2004) in the Kunnamkulam-Malabar Diocese. Founded under the visionary leadership of the Late Rt. Rev. Easow Mar Timotheos Episcopa, the college upholds the motto, "Let Your Light Shine." It aims to uplift the socially, economically, and educationally disadvantaged communities in the East Ernad region of Malappuram district.

The institution is affiliated with the University of Calicut and has received government recognition. It has been re-accredited with an 'A' grade by the National Assessment and Accreditation Council (NAAC), an autonomous agency under the University Grants Commission (UGC). Additionally, the college is listed under sections 2(f) and 12(b) of the UGC Act of 1956, securing UGC affiliation since 2007. The college continues to offer quality facilities and a range of courses to foster the holistic development of the region's youth.

The college offers three postgraduate and eight undergraduate programs. The campus spans ten acres and is encircled by lush greenery and hillocks. The college offers the best setting for learning because of its tranquil mood and picturesque surroundings. The College is committed to making special provisions for integrated and interdisciplinary courses, educating and train human resources for the country's development, initiating appropriate measures for promoting innovation in teaching and learning and paying special attention to improving the social and economic conditions and welfare of the people, especially about their intellectual, academic and cultural development.

FACILITIES OFFERED BY THE COLLEGE

LIBRARY

The library has a wide collection of resources taking into consideration the course contents and research needs of the College. The library's learning resource collections are developed aiming at providing the highest level of research and teaching support to the programmes and research thrust areas. The collection is reviewed every year to be relevant to the emerging and developing areas of research. The library is computerised and the collections are classified and catalogued. It holds a stack of about **19,890** volumes. It subscribes journals, periodicals and dailies, Barcode is used for the issue and return of books. Broad Band Internet facility is available free of cost for students and staff. Photocopying facility is also available in the library. The college library consists of Reference Section, Research Wing, Reprographic Facility, Faculty Reading Room, UGC Network Resource Centre. The College has a Network Resource Center (NRC) along with the College Library.

WI-FI AND ICT FACILITY

The college is wi-fi enabled can access the internet based on a personal ID and password provided by the college. The college also has a lab that enables students to access a large variety of resources on the web includes journals, databases, and books.

LABORATORY

Laboratories in an educational institution play a crucial role in enhancing education and research. In fact, they are integral to a college education, bridging the gap between theory and practice and preparing students for future careers. The college has equipped with Physics, Chemistry and Psychology laboratories.

SEMINAR HALL

ICT supported Audio Visual Hall with a seating capacity of 200 is maintained in the College. It was set up with the financial support from UGC, PTA and Management. The seminar hall is equipped with interactive board, digital visualizer, and LCD projectors.

HOSTEL FACILITY

Limited Hostel accommodation for women is available on a first come first allotment basis. The hostel fees are stipulated as per the norms of the college.

GAMES AND SPORTS

The college is well aware of the importance of physical activities and organised sports and games programmes, which should be combined with the student's academic pursuits. Keeping in view the limited space available at the present location of the college, sports facilities are available on the campus.

LANGUAGE LAB

A well-resourced Language Laboratory with internet facility functions in the college and is used as an aid in modern Language Teaching. It is established to attain the language students to learn effortlessly and communicate eloquently.

STAFF QUARTERS

The college offers quarters for two families and six Bachelor studios are provided for the independent teachers.

CANTEEN

The college offers a canteen facility where snacks, tea, coffee/dining in the facility is available.

OBJECTIVES

The Energy Audit was defined to meet the following objectives:

- Conduct an audit or observation of the energy consumption of electrical appliances within the buildings owned by Mar Thoma College.
- Review and analyse energy usage history to create a baseline for which savings can be measured in the audited building.
- Determine what can be done to reduce energy consumption throughout the buildings and what options are available for system improvements if funding is available.
- Identify and evaluate measures that could improve the environmental performance of the buildings/wards and provide recommendations.
- To identify sustainable energy sources, methods and practices on the campus

SUMMARY OF RECOMMENDATIONS

The purpose of this Energy Audit was to seek opportunities to improve the energy efficiency of the Mar Thoma College. Reducing energy consumption despite improving human comfort, health and safety were of primary concern.

Beyond just identifying the energy consumption pattern, this audit sought to detect and categorize the most energy-efficient appliances. Additionally, some daily practices relating to common appliances have been shared which may help reduce the energy consumption. Data collection for the energy audit of the college was carried out by the WRCT Team. The Energy Audit Report accounts for the energy consumption patterns of the College on the actual survey and detailed analysis during the audit.

The work comprehends the area-wise consumption traced using suitable equipment. The analysis was carried out by our team with the support of the staff members from Mar Thoma College. The report provides a list of possible actions to preserve and efficiently access the available source, and resources and their saving potential was also identified. We look forward towards optimization so that the authorities, students and staff members will follow the recommendations in the best possible way. The report is based on certain generalizations including the approximations wherever necessary. The views conveyed may not reveal the general opinion. They merely represent the opinion of the team guided by the interviews of clients.

Below are some recommendations based on general observations carried out throughout the buildings.

The recommendations (Table 1) are categorized with **A** being the most urgent where immediate actions are needed to be executed (first or second week of receiving this report). **B** can be 1 to 2 months after receiving this report, while **C** will depend on the availability of funds.

Table 1: Recommendations

Recommendations		
Category A (most urgent)	Category B (Near future)	Category C (if funds available)
Apply energy conservation measures. Isolate or unplug vampire loads from power when not in use (i.e. chargeable equipment, computer and any other electronic devices with standby modes).	Establish an Energy Efficiency and Conservation steering committee to take the lead with EE&C initiatives and management within the buildings.	Where applicable, replace all conventional light fittings with LEDs throughout the building. Also, remove unnecessary lights or reduce the number of lights per location.
Automation of electrical fittings, implementation water metering, IoT-based energy efficiency practices and gadgets to save energy systems should be implemented		
Implement an Annual Maintenance Contract for electrical and electronic goods as it will help to properly maintain goods or services for a period of time. This periodical assessment will help to save energy.	Promote the use of energy conservation by using BLDC and five-star electrical equipment.	Institutions should frame an Energy Management Policy and should be implemented effectively. Yearly institutes should have an energy management plan.

<p>Awareness programme for the campus community (e.g. education, training programme, seminar, workshop, camp, etc.).</p>	<p>MoU with Governmental and non-governmental agencies such as the Energy Management Centre (EMC) to ensure the energy conservation and efficiency in the campus</p>	<p>Good practices such as sign boards indicating Switch OFF / ON, Danger near the Electrical and Power transformers equipment in the campus</p>
<p>Remove faulty light holders and bulbs or remove the live wire from the socket inside the light holder.</p>	<p>Renovate or improve the lighting control, i.e. add more switches to existing rooms/spaces where only one switch controls more than 10 lights</p>	<p>Replace all lights with energy-efficient light bulbs,</p>
<p>Remove any faulty appliances located in the building.</p>	<p>Use fans in places where possible</p>	<p>The conservation and efficiency mechanisms are tools for reducing energy consumption.</p>
<p>Isolate or unplug faulty air conditioners if found within the building and, ensure service of the air conditioner units quarterly.</p>	<p>Remove the air conditioner if the room is very poorly sealed (i.e. if the room has no seals on the door and is frequently open at times).</p>	<p>Replace old existing outdoor air conditioner units with efficient ones (if funding is available).</p>
<p>Explore maximum natural sources of light/ air ventilation in indoor areas. The institute should have a detailed plan to implement a fenestration plan, skylight roof ratio, and Daylight illuminance</p>		<p>Automatic Lighting Shutoff with occupancy Sensors and Timers, Master control devices etc can be implemented as a good energy conservation practice.</p>

plan to implement energy conservation strategies.		
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Energy Sources Utilised and Corresponding Expenditures

The various sources of energy types such as diesel (for generators and office vehicle), electricity, and cooking gas were in the list (Figure 1). The major source of expenditure was for fuels for vehicles (57,800 Rs) followed by electricity (26,581 Rs) and Cooking Gas (2550 Rs). The total number of electrical equipment and its energy consumption pattern at equipment wise is listed in Figure 2 and 3. A total of 27 electrical equipment were listed from Class Rooms, Laboratory, Library, Office, Hostel, Auditorium, Guest room and Canteen. The highest number of electrical facilities was noted from plug points, followed by light and fan.



Figure 1: The expenditure on energy sources

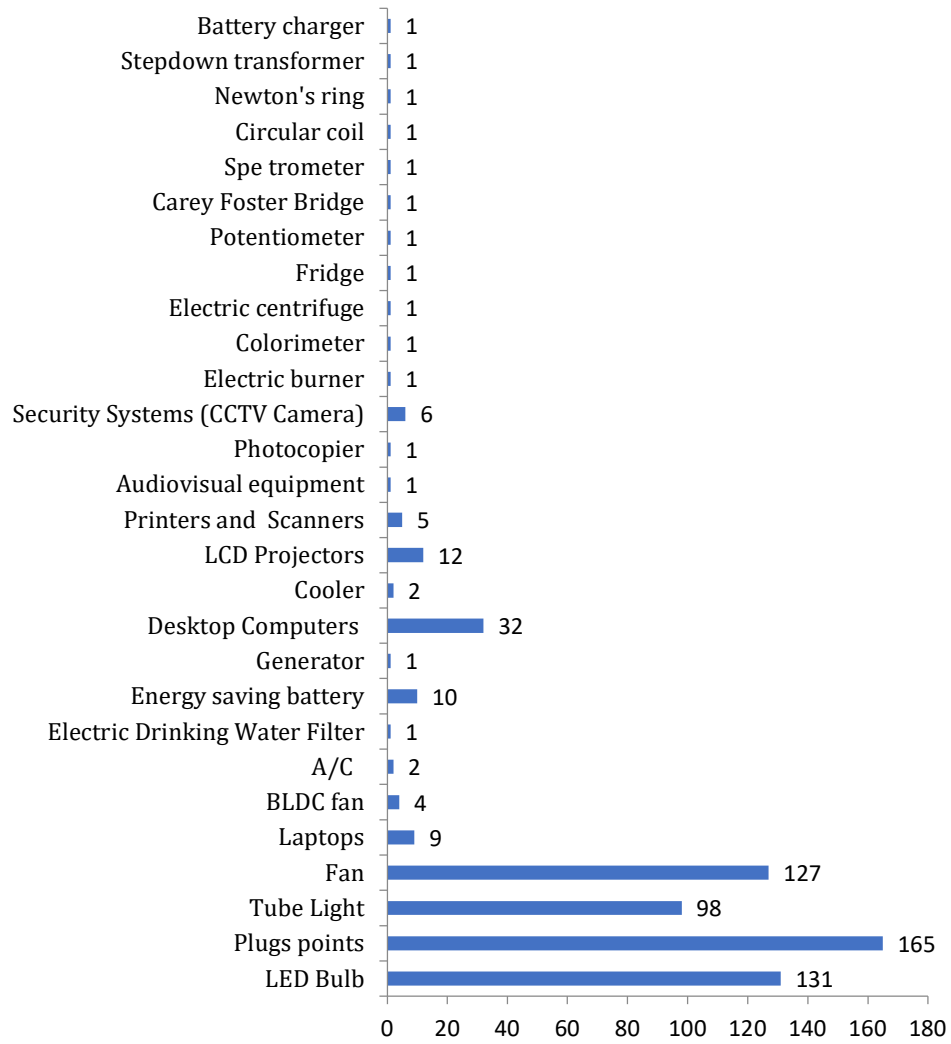


Figure 2: Total Number of electrical equipment

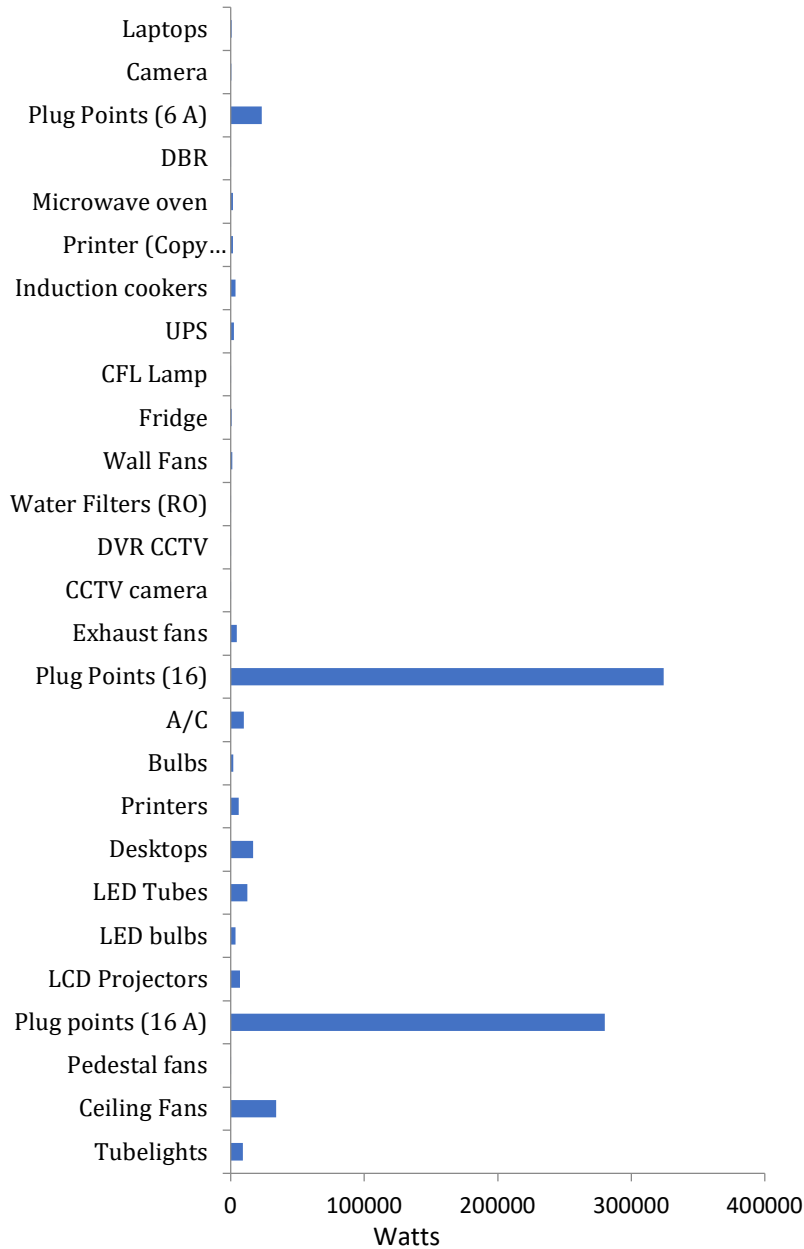


Figure 3: The energy consumption pattern and equipment list

ENERGY CONSUMPTION PATTERN

To understand the Energy Consumption trends and for analysing the average monthly consumption we have collected electricity energy bills from April 2021 to March 2022. The details of “Meter Connection” at “Mar Thoma College” are as follows. Facilities visited during the energy audit are provided in Table 2.

Name - Mar Thoma College

Consumer No. - 1167132009417

Sl. No	Sections Visited	Date of Visit
1	Class Rooms	06.01.2024
2	Office	06.01.2024
3	Library	06.01.2024
4	Laboratory	06.01.2024
5	Hostel	06.01.2024
6	Auditorium	06.01.2024
7	Guest room	06.01.2024
8	Canteen	06.01.2024

Table 2. Facilities visited during energy audit

Summary of Yearly Electricity Consumption and Total Bill Amount

To get the Energy consumption trend we have collected monthly expenditure from 1-Apr-2022 to 31-Mar-2023 (Table 3 & Figure 4). Of these 12 months the expenditure of electricity consumption showed an average of 26581.36. The highest expenditure was recorded during the month of January 2024 followed by November 2022. This shows an expected pattern as the demand for infrastructure development is high as the institution enhances its quality of education and related amenities.

Months	Amount (INR)
Apr-22	11918
May-22	28190
Jun-22	12805
Jul-22	36931
Aug-22	16287
Sep-22	31370
Oct-22	18384
Nov-22	40310
Jan-23	49659
Feb-23	17408
Mar-23	29133

Table 3: Electricity Consumption and Total Bill Amount (-Apr-2022 to 31-Mar-2023)

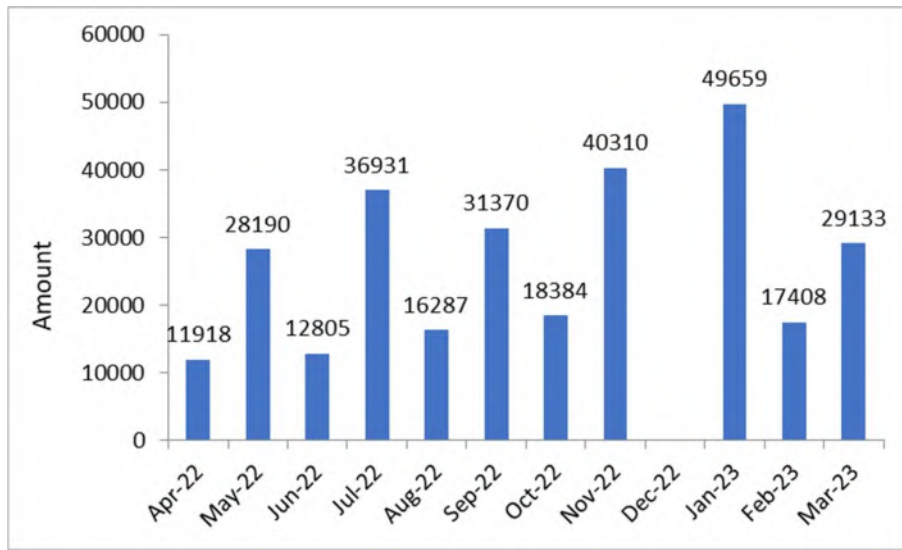


Figure 4: Electricity Consumption and Total Bill Amount (-Apr-2022 to 31-Mar-2023)

Year	2020-2021	2021-2022	2022-2023
Electricity Charges (KSEB)	19750	19856	20508

DIESEL CONSUMPTION

The diesel consumption details in liters during Oct 2022 to September 2023 are provided in Table (4). On an average use of 581 litres were used monthly to meet different types of energy requirements.

Period	Diesel consumption (in liters)
Oct -2022	580
Nov-2022	590
Dec-2022	585
Jan-2023	580
Feb-2023	590
Mar-2023	580
Apr-2023	550
May-2023	560
Jun-2023	585
Jul-2023	590
Aug-2023	590
Sep-2023	595
Total	6975

Table 4. Diesel consumption details in liters from Oct 2022 to September 2023.

ANALYSIS OF THE LIGHTING SYSTEM

Brief description of the existing system

For assessing the energy efficiency of the lighting system, an Inventory of the Lighting System has been noted/collected, with the aid of a lux meter, measurement and documentation of the lux levels at various locations at the working level has been provided in table 5.

Table 5. Data on Light intensity Measurement with Lux meter

Description	Lux	Remark
Class Rooms	110 to 235	Acceptable
Offices	130 to 240	Acceptable
Corridors	55 to 90	Acceptable
Washrooms	55 to 80	Acceptable
Outdoor	40 to 95	Acceptable
Laboratory	160 to 280	Acceptable
Parking area	55 to 95	Acceptable
Canteen	75 to 185	Acceptable

OBSERVATION

College has initiated LED-based lighting solution, but still, there are 401 (36W) CFL lights and 100 tube lights. LEDs save energy, the life span is much greater and emits virtually no heat. We recommend replacing the tube lights and CFL lights with LEDs.

We also recommend using solar lights for open areas like parking, ground, street lights, etc. The table below shows the performance characteristics comparison of all luminaries.

GREEN INITIATIVES MONITORED AT THE INSTITUTE

Green practices help to address current environmental challenges, alleviate climate change and associated impacts and also to conserve resources. Hence such initiatives are essential for nurturing a more sustainable, resilient, and healthier earth. Green practices promote planet-friendly habits and also raise environmental ethics among the inhabitants. A sustainable environment in college campuses has a positive impact on students' lives daily. Studies have shown that students studying in active green campuses have better knowledge retention capacity. The following practices were noted during the audit period at Mar Thoma College, Chungathara.

Sl.No	Green Practices	Status	Details
1	Banning of plastic carry bags	Yes	
2	Banning spiral binding using plastic sheets	No	
3	Banning spiral binding using plastic files	No	
4	Promotion of reusable pen/ink pen	Yes	
5	Promotion of printing of two sides of pages for assignments and dissertations	Yes	
6	Promotion of digitization in office/administrative files	Yes	
7	Promotion of digitized assessment methods for students (eg: class tests/assignments etc.)	Yes	
8	Training of crafts/artwork for upcycling of non-degradable wastes	Yes	
9	Promotion of five-star electrical equipment	Yes	
10	Promotion LED bulbs	Yes	
11	Sustainable biodegradable waste disposal method	Yes	
12	Rainwater harvesting	Yes	
13	Solar energy generation and consumption	Yes	
14	Whether the solar energy produced in the institute being shared with other govt/private/household entities?	Yes	
15	Whether the rainwater harvested in the institute being shared with other govt/private/household entity?	No	
16	Wastewater/grey water treatment is practised or not	No	
17	Nature Club/ Boomithrasena / NSS	Yes	Nature Club and NSS
18	Recycled water is used for garden/ farm purposes	Yes	

19	The waste bins have colour codes according to the type of waste (Y/N)	Yes	
20	What are the methods followed for disposing of non-degradable wastes: recycling/collection and disposing of with the help of Panchayath etc?	Haritha Karma Sena	
21	Solar power energy production (Y/N), capacity and consumption.	Yes	
22	Rain water harvesting method is practiced? (Y/N): bund/tank/mazhakkuzhikal	Yes	<i>Mazhakuzhi</i>
23	Presence of bio park/medicinal garden/butterfly garden/Pachathuruth by Haritha Mission	Yes	Medicinal garden
24	Use of sustainable transport is promoted in the campus vicinity	Yes	
25	Water management plan used	Yes	
26	Any water saving techniques followed in the campus	Yes	
27	Are there any signs reminding peoples to turn off the water	Yes	
28	Agriculture/gardening initiatives by the students/NSS etc.	Yes	
29	Sign boards placed to remind people to turn off water	Yes	

RECOMMENDATIONS

1	A policy should to be adopted for sustainable transport and energy usage. The practices such as no car/ carpooling day cane be practiced to promote public transport.
2	Enhance overall public transport system among the campus society
3	Increase the capacity of existing solar power sources
4	Cycling/Pedestrian friendly ramps
5.	Degradable waste management should be more effective by implementing biogas, Thumboormuzhi or biobin models.
6.	Banning of plastic/spiral binding/ reduce the use of papers can be implemented
7	Ground water recharge can be implemented
8	Automatic sprinkler system used for irrigation purpose
9	Installation of biogas plant/ Landfill sites
10.	Waste water treatment plant should be installed

Bio Sketch of Authors

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