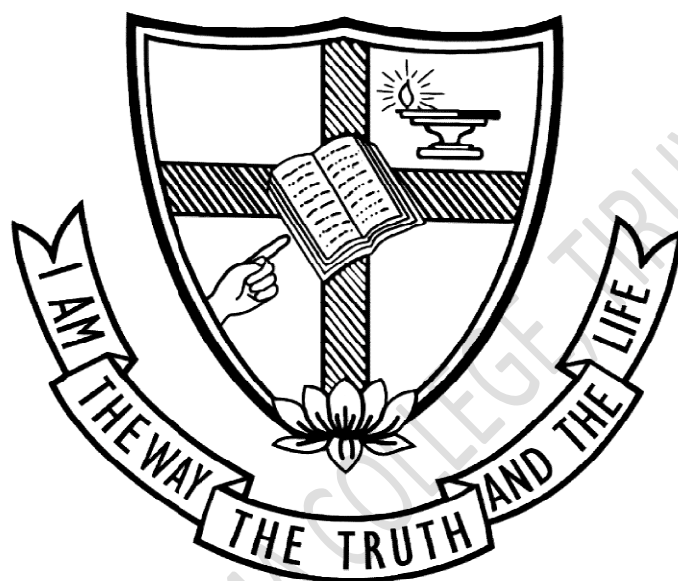


MAR THOMA COLLEGE, TIRUVALLA



ANNUAL REPORT IQAC (INTERNAL QUALITY ASSURANCE CELL) 2022-2023

iqac@marthomacollege.org
<https://mtct.ac.in/>

Internal Quality Assurance Cell (IQAC)
MAR THOMA COLLEGE, TIRUVALLA
ANNUAL REPORT FOR THE YEAR 2022- 2023

The IQAC of the college has been functioning actively and providing meaningful interventions to maintain quality in the academic and administrative activities of the college. As providing quality education, adopting innovative teaching-learning methods, and assessing them is a continuous process, IQAC in association with the various stakeholders, works to make the teaching-learning journey in the institution, a meaningful one.

This year the IQAC team led by Dr Susan Thomas as coordinator has been striving to help the Management and faculty members of the college in the creation of a learner-centric environment, conducive for quality education. The IQAC meets regularly and the decisions taken are recorded. The *Plan of Action* was chalked out at the onset of the academic year and quality improvement measures were discussed. The IQAC issues *Teachers' Diary* and *Mentoring Register* to all the individual teachers to record the daily teaching and mentoring activities. The *Teachers' Work Summary* is collected annually to document the teaching, research and administrative work taken up by the teacher.

The Departments are provided with Remedial Programme register, Curriculum Delivery Monitoring register, Students' Progression Register to record the concerned details. Feedback is collected and analyzed and regular audits are conducted in the departments. The necessary data for AISHE, NIRF ranking are filed and AQAR is submitted to the NAAC regularly.

Apart from these regular activities, the IQAC conducted the following programmes this year:

1. Summer Research Internship Programme (SRIP) 2022

The IQAC of the College organized a Summer Research Internship programme for Higher Secondary students from May 25th 2022 to June 24th 2022. The faculty members of the college known for their outstanding research contributions hosted selected students in their research labs for a month. The Departments of Mathematics, Zoology, Botany, Physics, Chemistry, Bio-Science, and Computer Applications offered internships.



MAR THOMA COLLEGE, TIRUVALLA

Re-accredited with 'A' grade by NAAC (Fourth Cycle)
ISO 9001:2015, 80th All India Rank in NIRF 2021
Best Value for Money - 9th Position in India Today National Ranking
Affiliated to Mahatma Gandhi University, Kottayam



IQAC PRESENTS

SUMMER RESEARCH INTERNSHIP PROGRAMME

FOR HIGHER SECONDARY STUDENTS

25th MAY - 24th JUNE 2022

ABOUT

Mar Thoma College, Tiruvalla, recognized for its excellence in teaching and research, has initiated Summer Research Internship Programme (SRIP) to train higher secondary students in various disciplines. Mar Thoma College wishes to share its rich expertise with the interns to empower them with the required skill set to take up demanding responsibilities in the competitive world and academic establishments. The SRIP-MTC will be conducted in the month of May 2022. The faculty members of Mar Thoma College, known for their outstanding research contributions, will host the trainees in their research labs for a period of one month. The trainees

will work on objective oriented research problems followed by submission of their results in the form of projects. This enables the trainees to gain first-hand knowledge and working skills with sophisticated instruments frequently used in research set-up and industries.

ELIGIBILITY

Higher Secondary students (Currently enrolled or passed) of science disciplines can apply.

FEES

As the college is in its Saphthathi year, the internship is provided free of cost. Hostel accommodation (only for female interns) will be provided on

the basis of availability in the college hostel, against payment. Scholarships also will be provided for the outstanding students.

APPLICATION METHOD

Interested students can apply through the following google form.

tinyurl.com/SRIP-MTC

APPLICATION DEADLINE : ~~30TH APRIL~~ ^{MAY} 2022

ENQUIRY

Lt Raison Sam Raju
Director
Summer Research Internship Programme (SRIP-MTC)
Mob: 9567855967
raisonsamraju@marthomacollege.org

HOST FACULTY MEMBERS AND AREAS

FACULTY	DEPARTMENT	INTERNSHIP/ PROJECT AREAS	VACANCY
Dr VARUGHESE MATHEW	MATHEMATICS	MATHEMATICAL MODELLING	02
MANESH JACOB	MATHEMATICS	APPLIED CALCULUS	03
Dr SHILLY ELIZABETH DAVID	ZOOLOGY	ECOLOGY, NUTRIENT ANALYSIS	02
Dr ANTU ANNAM THOMAS	COMPUTER APPLICATION	WEBSITE DESIGNING, VISUAL BASIC	02
Dr JACOB THOMAS	BOTANY	PLANT SCIENCE	02
Dr NOBLE P ABRAHAM	PHYSICS	BASIC ELECTRONICS - VOLTAGE REGULATION	02
	PHYSICS	ASTRONOMY- UNDERSTANDING SUN SPOTS	02
Dr I. JOHN BERLIN	PHYSICS	MECHANICS - ELASTICITY	02
Dr ARUN VINOD	PHYSICS	OPTICS - WAVELENGTH DETERMINATION	03
Dr ANITHA JOSE	BIOSCIENCE	WATER ANALYSIS	06
	BIOSCIENCE	FOOD ANALYSIS	06
Dr THOMAS MATHEW	BIOSCIENCE	BIOREMEDIATION	02
Dr REENAMOLE G	CHEMISTRY	NANO MATERIALS, GREEN CHEMISTRY	02
Dr MERIN SARA THOMAS	CHEMISTRY	ADULTERATION TESTING	02
Dr SHARON ACHAMMA ABRAHAM	CHEMISTRY	COMPUTATIONAL CHEMISTRY	02

Lt RAISON SAM RAJU
(DIRECTOR, SRIP-MTC)

Dr SUSAN THOMAS
(IQAC COORDINATOR)

Dr VARUGHESE MATHEW
(PRINCIPAL)

2. TRAINING SESSION FOR ERPS

A training session in ERPS LINWAYS was organized on 13-09-2022 from 10.30 am to 12.30pm in the Media Centre of the College. Mr Kannan was the resource person. The members of the IQAC, the Principal of the college and the college treasurer Dr George Mathew participated in the programme.



3. AZADI KA AMRUT MAHOTSAV

Different programmes were organized in connection with the *Azadi Ka Amrut Mahotsav* programme of the Government of India. The NCC Students organized a flash-mob and

Department of History organized a public meeting in the Open Air stage on 12th August 2022 at 12.30 pm. The special guests for the session were Dr Varghese George (Former Chairman of Plantation Cooperation) and Adv Mathew T Thomas (MLA). The IQAC organized a procession in this regard, which was well attended by the students and staff of the college. The procession was made colourful by the different subject associations.



4. WEBINAR

Investor Awareness Programme – *An Overview of Securities Market & Career Growth by BSE* - for Students in association with BIAP Mumbai & Apex Academy, Kochi. The programme was held (online) on September 13, 2022 Tuesday from 06.00 pm to 07.00 pm. Mr Manoj T N, (Ex-AGM IDBI Bank, BFSI Trainer, RP - IICA, SMART - SEBI, Certified National Trainer - Skill India Mission) was the resource person. 51 students and 3 teachers participated. E- Certificates were provided to all the participants.



MAR THOMA COLLEGE, TIRUVALLA
Re-accredited with **A Grade (4th Cycle)** By NAAC
Affiliated to M. G. University, Kottayam
All India 80th Rank in NIRF 2021
Pathanamthitta District, Kerala - 689 103

Internal Quality Assurance Cell (IQAC) in association with **Dept. of Commerce and BIAP Mumbai** organises a webinar on

OVERVIEW OF SECURITIES MARKET



SEPT. 13, 2022
TUESDAY
06 PM – 07 PM



Resource Person:
Mr. Manoj T. N.
Ex-AGM - IDBI Bank
Certified Trainer – SEBI
National Trainer – Skill India

Principal:
Dr. Varughese Mathew

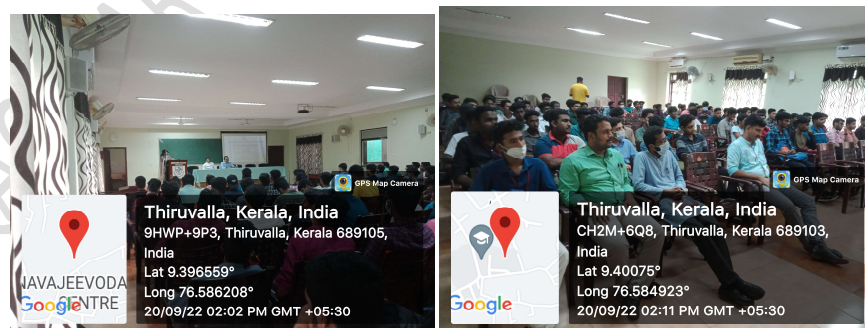
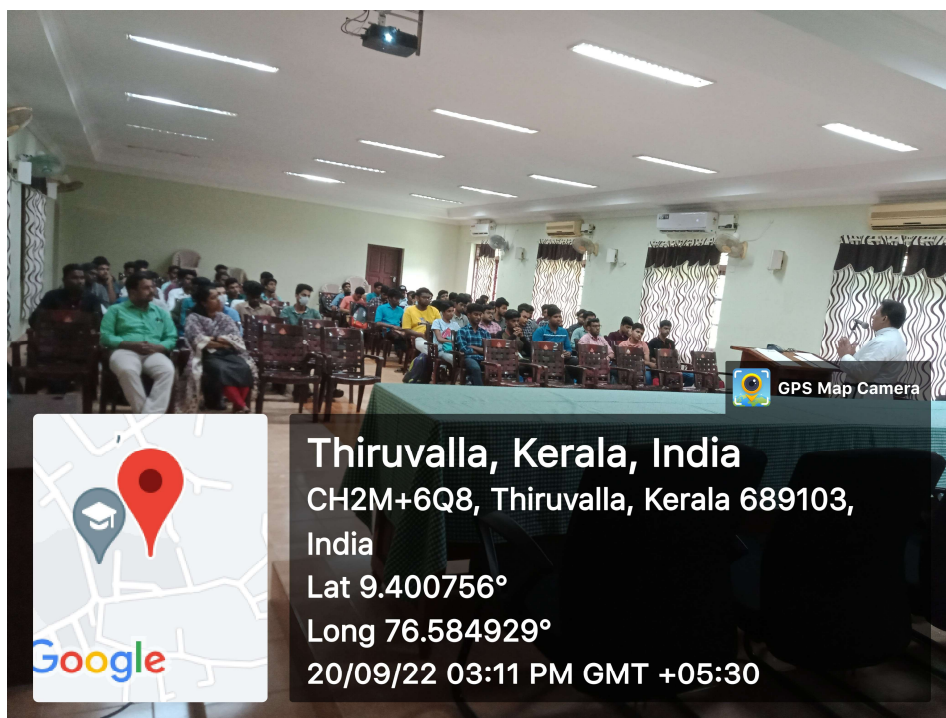
HOD, Dept. of Commerce:
Lt. Raison Sam Raju

IQAC Co-ordinator:
Dr. Susan Thomas
M: 94479 07027

www.mtct.ac.in
+91 – 469 – 2630342
info@mtct.ac.in

5. COUNSELLING SESSION – FOR MEN STUDENTS

The IQAC in association with the Counselling Cell of the College organized a counseling session for men students across all I UG and PG programmes of the college on 20th September 2022; in the Seminar hall at 01.30 pm Rev. Dr. Thomas Kurien (Director, Mar Thoma Counselling Centre) served as the resource person. 72 students and 3 staff members participated in the event.

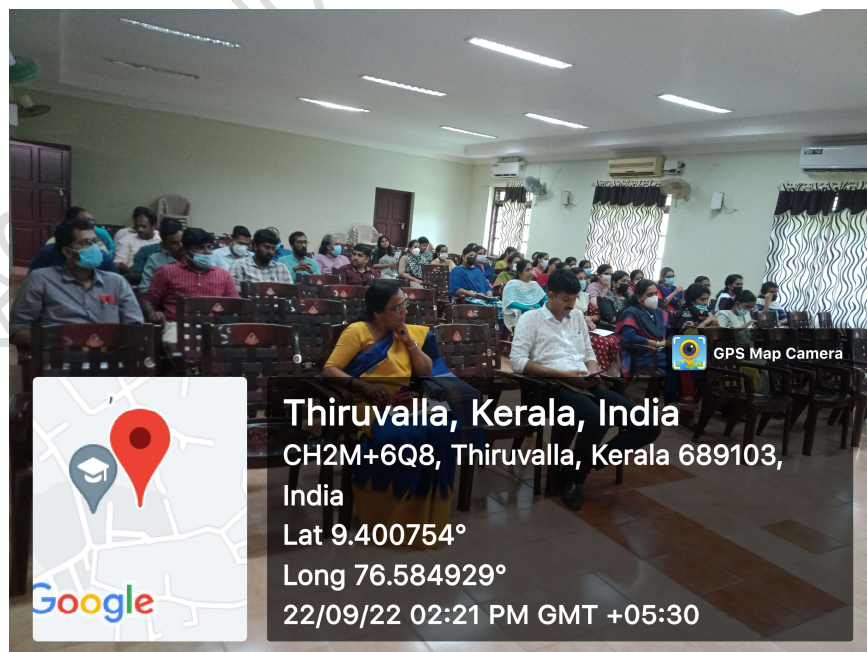
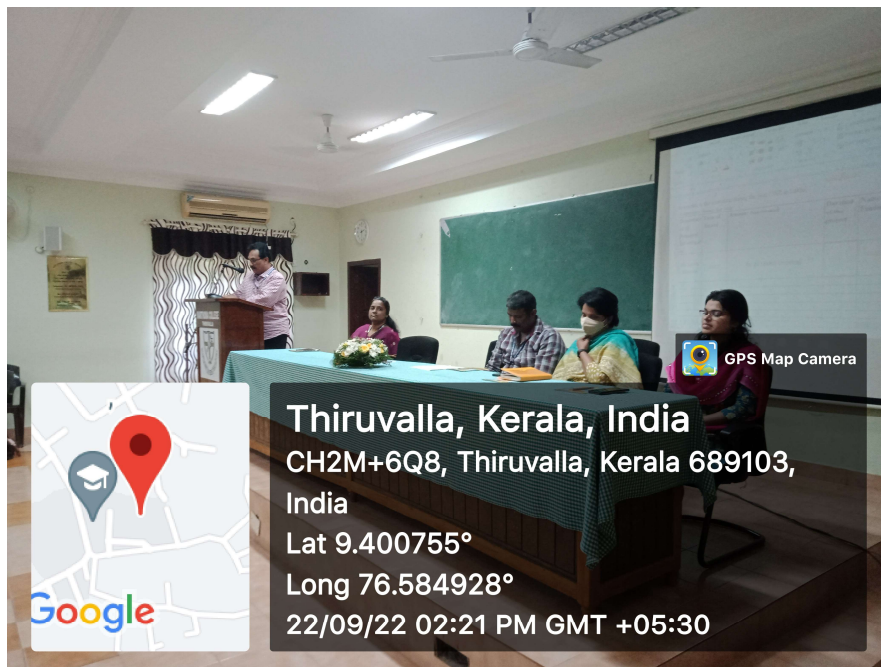


6. FACULTY DEVELOPMENT PROGRAMME (1)

The IQAC organized a faculty development program on the topic “*Research Projects Proposals-Methods and Strategies*” on 22nd, Septemeber, 2022 at 2:00 pm. In the common session in the Seminar Hall, Dr Josmin P Jose (Department of Chemistry, Mar Thoma

College, Tiruvalla) and Dr Jacob Thomas ((Department of Botany, Mar Thoma College, Tiruvalla)shared their experiences on research proposals preparation and submission.

The second session was held separately for Arts and Science teachers. The session for Science teachers was held in the seminar hall and Dr Shiburaj S (Professor, Department of Botany, and University of Kerala) was the resource person. The session for Arts teachers was held in room H2. Dr Biju A V (Associate Professor, Department of Botany, University of Kerala) was the resource person. 54 teachers attended the session.



7. BRIDGE/ FOUNDATION COURSE

In association with the IQAC a *Bridge/ Foundation Course* was conducted for the first year UG students from 26th September 2022 to 28th September 2022 for their core courses in their respective departments. The aim of the course is to generate an interest in the concerned core course by filling any gaps between the subject knowledge acquired in the higher secondary level and the basics required for beginning graduate studies. Detailed syllabus and time schedule was chalked out by each department and ELAT (Entry Level Assessment Test) conducted.

8. FACULTY DEVELOPMENT PROGRAMME (2) ONE DAY WORKSHOP ON: 'OUTCOME BASED EDUCATION'

A one-day workshop was conducted on '*Outcome Based Education*' in the Media Center of the College on 11th October 2022 from 9.30 am to 3.30 pm. A detailed session was held on the implementation of OBE, mapping outcomes and hands-on training was also provided. Dr George Mathew (Treasurer and College Governing Council Member) inaugurated the programme and delivered the key-note address. The resource persons for the workshop were: Dr. Ushamani M (Associate Prof. St. Teresa's College, Ernakulam), Dr. Mary Sruthy Melbin (Assistant Prof. St. Teresa's College, Ernakulam) and Ms. Minu Pius (Assistant Prof. St. Teresa's College, Ernakulam). The first session was attended by 44 teachers and the second session by 28 teachers.



9. INDUCTION PROGRAMME

A three - day Induction Programme for first Year UG Students (2022 Admission) was conducted by the IQAC from October 10th to 12th 2022. The Inaugural Session was led by Dr

Govt. of Kerala. The sessions of the third day were led by Mr Sunil D Kuruville (Soft Skills Trainer) and the team from Prep Academy, Tiruvalla. 374 students attended the various sessions. Dr Susan Thomas served as the Coordinator of the programme.





<https://mtct.ac.in/3-day-induction-programme-for-first-year-ug-students-2022-admission/>

10. HANDS ON TRAINING FOR SCIENCE STUDENTS (in association with BSNL)

A workshop and hands-on training on 'High Speed Data Technology and its Possibilities' was organized by the IQAC in association with BSNL and was held in the BSNL Bhavan, Tiruvalla. Final year students of BSc Physics, Chemistry and Mathematics batches participated in the programme on September 19th, 20th and 23rd, 2022.

11. CAPACITY BUILDING CUM TRAINING PROGRAMME (FOR NON-TEACHING STAFF MEMBERS)

The IQAC organized a capacity building cum training programme for non-teaching staff members of the college. It was designed to equip them to appear for the upcoming departmental test conducted by PSC and also to polish their critical thinking and numerical skills. The first session was convened on 19/10/2022 at 3.30pm at the Media Centre. The training was held in five sessions. 9 members attended all the sessions. Prof Vishnu Namboothiri KM served as the trainer.

12. FELICITATION FOR SPECIAL ACHIEVEMENTS IN SPORTS

The IQAC organized a Felicitation meeting for the special achievers in Football, Hockey

Nisari and the Women's Football Team won the championship for the 29th consecutive time. The women players who won selection into the National Teams were also felicitated on the occasion. Dr Reginold Varughese (Former HoD, Dept of Physical Education and Ward Councillor) presented a brief history of the Department and offered felicitations to the coaches of the Mens' and Womens' teams.



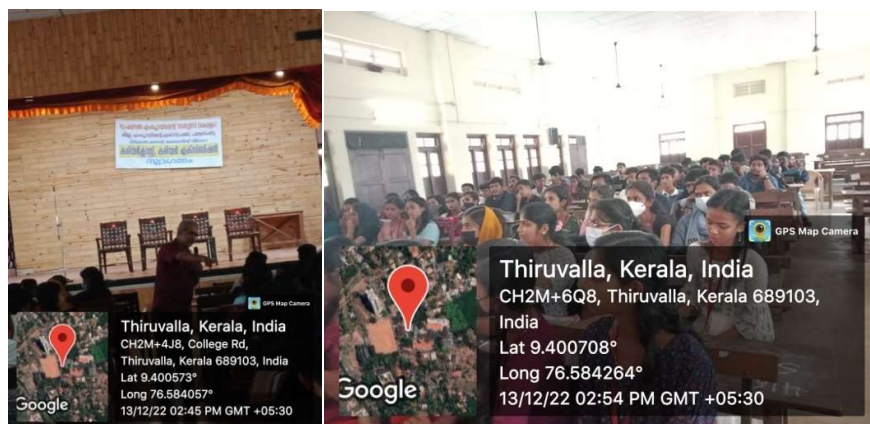


13. Observance- INTERNATIONAL HUMAN RIGHTS DAY

An essay competition was organized by the IQAC in connection with the International Human Rights Day on 9-12-2022 at 2.30pm in the College Auditorium.

14. CAREER DEVELOPMENT SEMINAR

A career development seminar was organized by Mar Thoma College, Tiruvalla in association with National Employment Service Kerala and District Employment Exchange Pathanamthitta on 13-12-2022 at 2.30 pm. The Resource Persons were S Ratheesh Kumar (Career Expert) and J F Salim (Employment Officer, VG)



15. SEMINAR FOR FACULTY MEMBERS

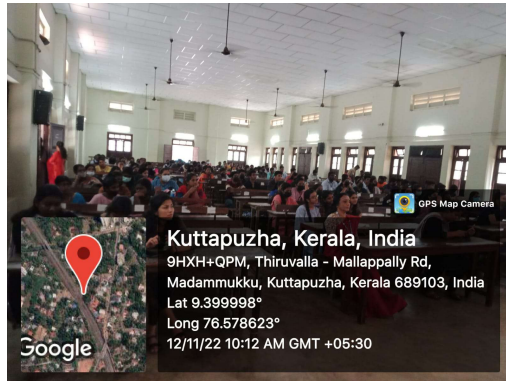
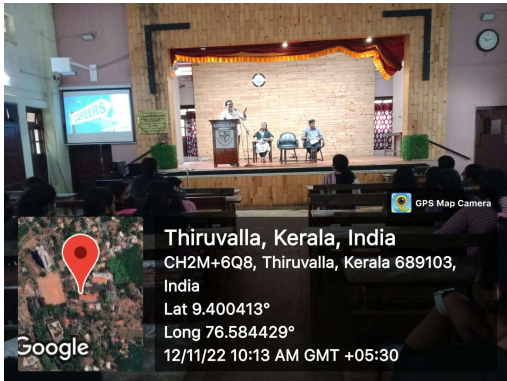
A Seminar on '*NAAC Assesment & Accreditation-Understanding the Paradigm Shift*' was organized by the IQAC on 15th December, 2022 at 2.30 pm in the Media Center. Mr. Vishnu Namboothiri KM (Dept of History) served as the resource person. All the Heads of the Departments, NAAC Coordinators from the various departments and IQAC members attended the Session. The revised NAAC curriculum and assessment methods were discussed in detail.

16. ERPS TRAINING PROGRAMME

A Hands-on Training session on the updated TCS MESHILOGIC ERPS for the members of the IQAC and the office staff was held in the Mathematics Research Room on 21-12-2022 from 9.40 am to 12.00 pm. 7 members participated. Mr Siraj from TCS served as the resource person.

17. SCIENCE FEST (for HIGHER SECONDARY STUDENTS)

The IQAC in association with Chennai Brilliant organized a Science Fest for students of 11th and 12th standards of schools across the district on November 12th 2022. A scholarship test was conducted for the students and scholarship amounts of 50 thousand rupees were announced. The second session was a tour of all the Science labs of the college. The students could get an experience of using the various instruments in the lab and observing the various



Mar Thoma College, Tiruvalla & CHENNAI BRILLIANT

SCIENCE MERIT AWARDS 2022 **75 LAKHS Scholarship**

1st Prize : ₹25000
 2nd Prize : ₹15000

OCTOBER 24 - 2022

TEST : Preliminary & Main

ELIGIBILITY
 Exclusively for 10,11,12 std. students(All Syllabus)

9496 48 48 48
 8714 32 48 48



18. TRAINING PROGRAMME – ON LANGUAGE LAB SOFTWARE

The IQAC in association with, the Department of English conducted a Faculty development Programme in two sessions on the language lab software LANGLAB. Dr A P John served as the resource person. The first session was held on 19th December 2022, from 10.30 am to 3.30 pm. All the teachers of the Department Of English participated.

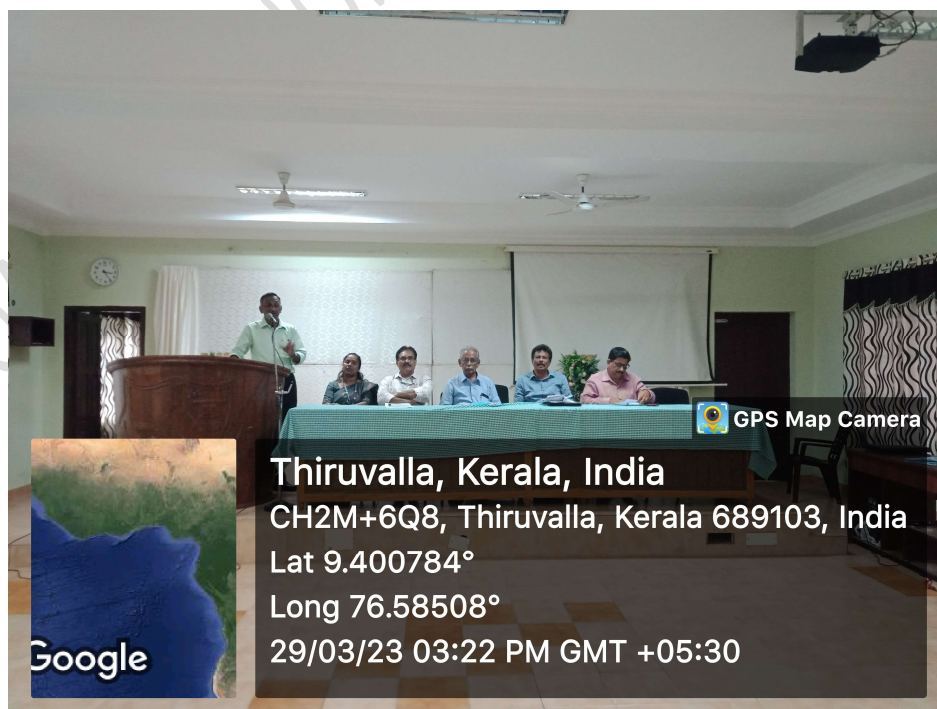
19. ACADEMIC AUDIT 2022-23

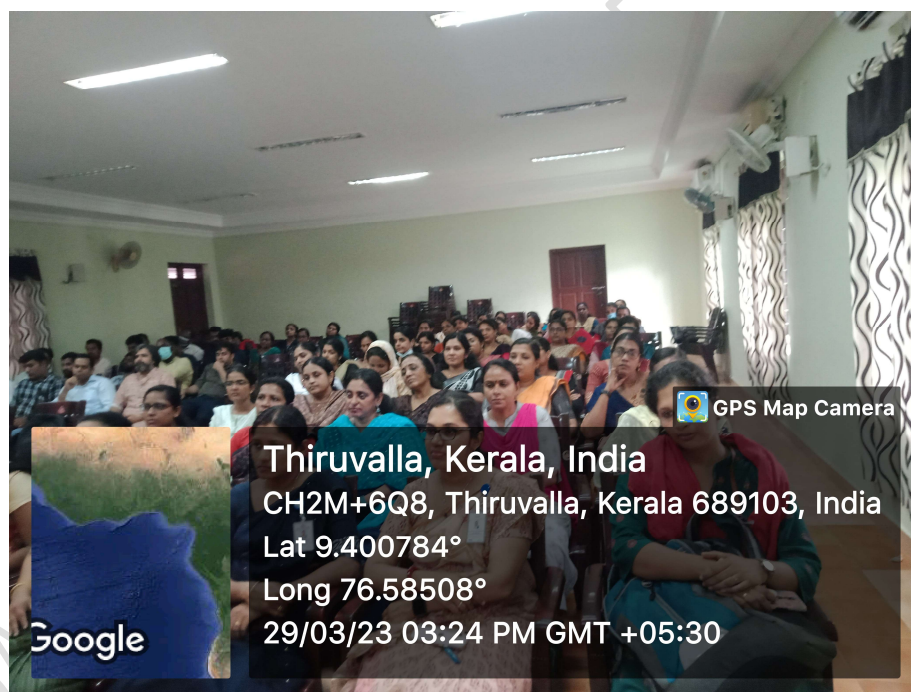
a. Internal Audit

An internal academic audit of all the departments and facilities of the college was conducted on 6th March, 2023 by the IQAC under the chairmanship of the Principal. All the departments were visited and preparation of files and documents were monitored. Suggestions and corrections were made. A report of the audit was made by the IQAC.

b. External Audit

An external academic audit of all the departments of the college is scheduled for 28th and 29th of March, 2023. The members of the auditing team are to be finalized by the College Governing Council. The report is to be consolidated and used for the submission of the AQAR.





20. STUDENT LIBRARY ASSISTANT PROGRAMME

Under the guidance of the IQAC, an internship programme for second year UG and first year PG students was offered to work as library assistant and to assist in the shelving and arrangement of books, promoting reading and the use of library, creating displays, digitizing resources and creating archives. Selected students have started working as assistants in the college library.



**INTERNAL QUALITY ASSURANCE CELL (IQAC)
MAR THOMA COLLEGE TIRUVALLA
2022-23**

STUDENT LIBRARY ASSISTANT

We are looking for students who are RELIABLE, FRIENDLY, HARD-WORKING, ENJOY READING and LIKE HELPING PEOPLE to work as *Student Library Assistant* in the College Library, Mar Thoma College, Tiruvalla.

ELIGIBILITY:- Applicants should have a valid Library card, should be Second year UG/First year PG students, should have no fees dues, should have attendance 80% and above. (Preference for hostellers and students who stay nearby)

We need students who are able to work without supervision, are good at alphabetical and numerical order, and are good listeners and communicators.

DUTIES: SHELIVING BOOKS, HELPING STUDENTS USE THE LIBRARY, PROMOTING THE LIBRARY AND READING, CREATING DISPLAYS, USING THE COMPUTERS, DIGITISING RESOURCES, CREATING ARCHIVES, MAINTAINING RECORDS.

Benefits: Work experience and learning new skills, chances to take up new responsibilities. You will also receive a certificate of training and a nominal remuneration at the completion of one tenure.

Work Hours: Mondays, Wednesdays , Fridays 08: 30 am to 9:20 am,
12.45 pm to 1.25 pm.

The IQAC has also been working towards a consistent plan of action that would lead the organization towards progress. IQAC facilitates the process of authentic documentation and maintenance of records for future reference in the NAAC assessment process. The IQAC team has been promoting the process of quality improvement by initiating, planning and supervising various activities that are necessary to set benchmarks of excellence in the field of higher education.

“Alone we can do so little, together we can do so much”. - Hellen Keller.

Dr Susan Thomas
Coordinator
Internal Quality Assurance Cell (IQAC)