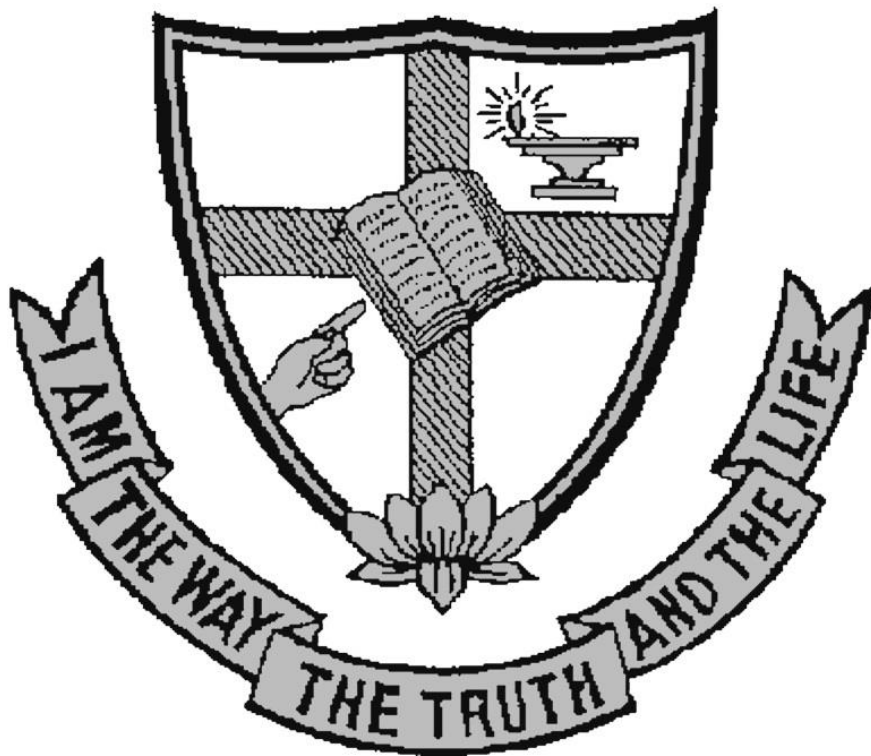


**MAR THOMA COLLEGE
TIRUVALLA**



ANNUAL REPORT 2022-'23

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TIRUVALLA
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“Strong minds discuss ideas, average minds discuss events, weak minds discuss people”–
Socrates

Mar Thoma College, Tiruvalla established in the year 1952, has completed an illustrious period of seventy one years in the field of higher education. The beginning of the College was very humble with just 250 students and twelve faculty members and over the years owing to the dedicated efforts of the staff and the Management the College has become a premier centre of learning in the State and in the Country. Having obtained the unique distinction of being one of the first accredited Colleges in India and the first in Kerala, the College has also been credited with the honour of being one among the first 22 Colleges in India to be re-accredited in the fourth cycle of accreditation by NAAC. The College has earned commendable achievements including obtaining the 80th position in All India NIRF 2021 ranking and ISO 9001:2015 certification. The college was positioned in 9th under the head “Best Value for Money by India Today Ranking in 2021. At this moment of pride and glory, we gratefully acknowledge and appreciate the pain and tears of our founding fathers particularly that of His Grace the Most Rev. Dr. Juhanon Mar Thoma Metropolitan, Rt. Rev. Dr Mathews Mar Athanasius Episcopa and Sri. K. K Kuruvilla. During this period, nearly eighty thousand students have gone out of the portals of this institution to find a meaningful life in the world. The College, guided by the Grace of God Almighty, and our eminent leadership and strengthened by the aspirations of many generations, is gearing up in the context of New Educational Policy 2020.

On this auspicious occasion (23/03/2023) of the 71st College Day, may I present before the president of this meeting; Rev. K. Y. Jacob, Vicar General, Mar Thoma Syrian Church; the chief guest Sri. Jiji Thomson IAS, Former chief secretary of Kerala, all other dignitaries and students in this meeting, the Annual Report of the College for the academic year 2022-2023.

1. COURSES OFFERED

The College offers twelve Undergraduate (BA/BSc/B. Com) programmes, eleven Post-graduate (MA/MSc) Programmes and seven Doctoral Degree programmes. The MSc

programmes in Microbiology and Biotechnology are offered under self-financing streams. Out of sixteen Departments of the College, seven Departments are accredited Research Centres of Mahatma Gandhi University, Kottayam. In addition to the UG, PG programmes and Certificate Courses, the College offers twenty five Supplementary Enrichment Programmes in various areas.

2. AWARDS/RECOGNITIONS TO THE INSTITUTION

- The College received State Level Akshayasree Award for the best organic farming practices. The award is instituted by the Sarojini-Damodaran Foundation run by Infosys chief executive officer S. D. Shibulal.
- The Institute of Computer Science of the College has started C-Apt, Govt. approved courses. Institute of Computer Science Mar Thoma College, Tiruvalla is the winner of Short term Contest 2022 of the Capt (Multimedia Academy). The special award for the new centre with maximum performance "Super Debutant " was also received to this centre recently.
- Winner of the Yuva Boot Camp: Students of Department of Commerce participated in the student Entrepreneur Pitching competition, state level conclave 2022 conducted by Kerala Institute for Entrepreneurship development Department of Industries & Commerce and won Yuva Boot Camp and cash prize of Rs. 10,000/-.

3. MAIN EVENTS

- Annual Alumni Get together and general Body of the Alumni Association of the College for the year 2021-2022 was held on 14th May 2022. Alumnus and senior journalist Mr. Jacob George was the chief guest.
- The 1969-1972 Degree Golden Jubilee batch arranged a reunion in the College on 20th May 2022. Mr. Varghese Eappen was the convener.
- The College reopened on 1st June 2022. An opening assembly was convened. Rev. Dr Abraham Scaria P, Faculty, Mar Thoma Syrian Theological Seminary, Kottayam delivered the keynote address.
- The chapel prayer service of the College was inaugurated on 10th June 2022 by Rev. Dr. Jose Punamadom.
- An Orientation programme for the newly appointed teachers was conducted on 18th June 2022. The Manager of the College His Lordship Rt. Rev. Thomas Mar Timotheos Episcopa made the presidential address. Rev. Shibi Varghese P, Vicar Kuttapuzha Jerusalem Mar Thoma Church and Dr George Mathew, Faculty, Civil service academy were the resource persons.
- 71st Commemoration Day Programme & Events
 - ❖ On 8th July 2022, a special cleaning drive was arranged in the College campus as part of the commemoration day of the College.
 - ❖ A special prayer was organised in the College chapel at 2.30 p.m on 10th July 2022 by MTSA. Dr George Mathew, Treasurer delivered the message.
 - ❖ A holy communion service was arranged on 11th July 2022 in the College chapel. Rev. Shiby Varghese, Vicar & Rev. Binoey Daniel, Asst. Vicar, Kuttapuzha Jerusalem Mar Thoma Church led the worship.
 - ❖ Commemoration day service was held in the College auditorium on 12th July 2022. Rev. Shaji Thomas, Governing Council member & Vicar, Nedumpuram

Christose Mar Thoma church led the commemoration day service, followed by a general assembly and public function. The Manager of the College His Lordship Rt. Rev. Thomas Mar Timotheos Episcopa delivered the presidential address. Prof. Dr.Kuncheria P. Isaac, Former Vice-Chancellor of Abdul Kalam Technological University delivered the commemoration day address. Manager Tirumeni felicitated UG rank & A+ holders. Cash awards and mementos were distributed.

Also, Tirumeni blessed the key of the completed house project (Rs 7 lakhs) sponsored by 1990-1992 PDC H batch and handed over to a P.G student (M.A Economics) of the College.

- On 8th July 2022, Mr.Jijo Saji, Australia delivered a class on career opportunities in Data Science for M.Sc Data Analytics students.
- On 26th July 2022, Department of History arranged an Intercollegiate Exhibition named Mathrubhumi @ 100. The news of historical and national events were displayed in connection with the 100 years establishment of the Mathrubhumi daily.
- **Azadi Ka Amrit Mahotsav**
As part of our nation's 75th year of independence the following programmes were arranged.
 - Created a freedom wall as per the instructions of Higher Education Department depicting patriotic events. Ten students (3rd BA English – Janvy Mary Sam, Gowri Nandhana K, Shalini Jayakumar; 3rdB.Sc Mathematics- Shwetha Mary Abraham, Sudhi S, Sruthi, 3rd B.Sc Chemistry – Megha Elsa Georgy, Abhijith S, Anavadhya I, Shini Elvin Philip) participated in the event under the leadership of Dr I John Berlin.
 - NSS arranged an elocution competition on 11/08/2022
 - Flash mobs of NSS and mime of NCC on 12/8/2022
 - A public function organised by Dept. of History on 12/8/2022. Mr. Mathew T. Thomas M.L.A inaugurated the programme and Dr Varghese George, former plantation corporation chairman, delivered the key note address.
 - An Azadi rally was arranged by the college on 12/08/2022 from the College via Kuttapuzha, Thomson Bakery, New Hostel, College. Mr. Mathew T. Thomas and Dr Varghese George together flagged off the rally.
- Annual Alumni Family get together of Alumni Association was held in the College on 15th August 2022 and a legal literacy club for students was launched by the chief guest Sri. K. George Oommen, an alumnus and Retired Judge. A drama named “Nerinte Thai Vazhikal” was played by the alumni association under the leadership of Mr.Babu Varghese Pallathil and Prof. C. A. Varghese, former faculty of English.
- **Home For Homeless project:** On 17th August 2022, **His Grace The Most Rev. Dr Theodosius Mar Thoma Metropolitan** blessed the house constructed at Anjilithanam for security staff of the College Mr. Muraleedharan K K. The project was initiated by the NSS units of the College and later taken up as a project of the College community. The project was completed with the support of students, NSS, NCC, faculty, retired faculty, Alumni and well-wishers. Five cents of land was purchased at Anjilithanam for Rs. 8 lakhs and another around Rs. 16 Lakhs was spent for the construction of the house.

- On 27th September 2022, the Manager of the College His Lordship Rt Rev. Thomas Mar Timotheos Episcopa dedicated two cafeterais, Saphthathi gate, Music academy and ATM counter to the college community.
- The 5th Convocation of Academic Enrichment Programme & Summer Research Internship Programme for Higher Secondary Students was held on 28th September 2022. Dr George K. Alex, St Thomas College Kozhencherry was the chief guest.
- Induction Programme for first year degree students was arranged by the IQAC for three days from 10th October 2022 to 12th October 2022. Prof. Dr K. N. Ninan, Former Dy. Director of Vikram Sarabhai Space Centre (VSSC) & Emeritus Professor of Indian Institute of Space Science & Technology (IIST) Trivandrum has inaugurated and delivered a lecture on “India’s Incredible Achievements”. Mr. Sunil D. Kuruvilla, HRD Trainer and Career Counsellor of Insight Mission, Mr. Arun P.T, Ex IPOS, Smt. RemyaRoshini, Ex-IPS led different sessions.
- On 27th October 2022, Centre for advanced training and skill development was formed in the Dept. of BioSciences. HighField Level III Training and Certification Programme was conducted for two days.
- Kerala Piravi day 2022 Celebration and procession on Anti-Narcotic Campaign was inaugurated by His Grace The Most Rev. Dr Theodosius Mar Thoma Metropolitan in the SCS Ground Tiruvalla on 1st November 2022. His Grace The Mar Thoma Metropolitan and Mr. T. Rajappan, DySP Tiruvalla together flagged off the procession. The procession was from SCS Ground to the College
- On 6th November 2022: ED club arranged a one day training programme on Squash Preparation, Cake baking and soap making in association with CARD.
- On 16th November 2022: Film star Unni Mukundan inaugurated the Best Arts and Literary club of the College.
- On 25th November 2022: An all Kerala intercollegiate drama workshop was held in the college in association with MG Soman Foundation Tiruvalla. Film Director Mr. Shyama Prasad inaugurated the workshop and Sajeev Act Lab was the camp director. Film stars Krishna Prasad and Mohan Ayroor were also present.
- On 26th November 2022: Drawing competition was organized by NSS units in association with K. C Mammen Mappillai Trophy for Neerattapuram Uthradam Thirunal Pamba Jalolsavam & District Tourism Promotion Council, Pathanamthitta.
- On 31st November 2022: Sub Collector and Sub Divisional Magistrate Ms Shweta Nagarkoti IAS inaugurated closing ceremony of Anti Drug Campaign of Women and Child Development Department District Child Protection Unit in association with NSS.
- **Prof. Jacob Mathew Memorial award** was declared by the Manager Rt. Rev. Thomas Mar Timotheos Episcopa on 10th December 2022. Adv. Mathew T. Thomas MLA delivered a memorial talk. Ten thousand Canadian dollar was given to the College in the form of an endowment by Dr T J Samuel brother in law of late Prof Jacob Mathew, former faculty of Physics. **Rs. 1 lakh** will be given to the best UG science student of the College for at least next six years.
- On 13th December 2022: In association with Walk With A Scholar unit of the College and Athma-My Mind My Care arranged a programme “Chat with Mentalist Mr. Anandhu”.
- 16th December 2022: A holy communion service was conducted in the college chapel at 7.30 a.m. The Manager of the College His Lordship Rt. Rev. Thomas Mar Timotheos Episcopa led and blessed the service. After the service, the Manager Tirumeni blessed and dedicated new NCC room & new Lift installed in the Dr Joseph Mar Thoma Metropolitan Navathi Block.

- Annual Alumni Get together and general Body of the Alumni Association of the College was held on 26th January 2023. Alumnus & Former IT Advisor, Govt. of Kerala Mr. Joseph C. Mathew was the chief guest.
- 23rd February 2023 : The Manger Tirumeni convened a meeting of the teaching staff. The GC members were also present. Teachers were allowed to express their opinions on applying autonomy status to the College. PG rank holders of 2021-2022 (16 numbers) were felicitated by the Manger His Lordship Rt Rev Thomas Mar Timotheos Episcopa Tirumeni .
- A butter fly garden was created in the main campus (near cafeteria and beside library building) during the month of February 2023 by the Kerala Wild Science department in association with the Department of Botany.
- On 16th March 2023 an MoU was signed between the department of physics, Mar Thoma College Tiruvalla and the University of Johannesburg, South Africa for collaborative initiatives in the Department of Physics. College Principal Dr. Varughese Mathew signed the agreement with Prof. Daniel Mashao, Executive Dean, Faculty Engineering and Build Environment, University of Johannesburg.
- The Annual Teachers Conference organised by the Mar Thoma Higher Education Commission was held in the College on 25th March 2023. The theme of the conference was “Towards Excellence in Higher Education”. Rt. Rev. Dr Abraham Mar Paulos Episcopa presided over the inaugural session. The programme was inaugurated by Prof. Dr Sabu Thomas, Honourable Vice Chancellor of M.G University. Prof. Dr. Kuncheria P. Issac, Honuourable Former Vice Chancellor of Kerala Technological University dlivered the main talk on “Strategies towards Excellence in Higher Education”. Dr Icy K. John, Former Principal, Mar Thoma College Tiruvalla, led a class on “NAAC Accreditation – New Format”. His Grace The Most Rev. Dr. Theodosius Mar Thoma Metropolitan delivered the valedictory address and honuoured teachers for their academic excellence. Also, the Metropolitan felicitated the retiring taechers. Prof. Alexander K. Samuel served as the convner of MTHEC. Dr Varughese Mathew, Principal, Mar Thoma College Tiruvalla was the programme co-ordinator from the host institution.
- The Manager of the College His Lordship Rt. Rev. Thomas Mar Timotheos Episcopa inaugurated the Mar Thoma Civil Service Academy on 24th May 2023.

4. RESULTS OF THE UNIVERSITY EXAMINATIONS:

The college secured an aggregate of 76 % at the Undergraduate (UG) level and 60% at the Postgraduate (PG) level. The break-up of the result is as follows:

Sl. No.	Subject/Streams (UG)	Percentage
1	English	72
2	Mathematics	75
3	Physics	75
4	Chemistry	95
5	Botany	83
6	Botany (Voc)	75
7	Zoology	87
8	Political Science	42

9	History	75
10	Economics	40
11	Commerce – Computer Application	93
12	Commerce – Taxation	92

Average : 76%

Sl. No.	Subject/Streams (PG)	Percentage
1	English	60
2	Mathematics	25
3	Physics	64
4	Chemistry- Pure	60
5	Chemistry- Analytical	60
6	Botany	78
7	Zoology	65
8	Economics	60
9	Data Analytics	85
10	Microbiology	50
11	Biotechnology	50

Average : 60%

The College obtained 94% result for UG Common course Malayalam and 98% for Hindi.

5. University Ranks and ‘A’ Plus

The following students obtained ranks and A Plus grades in the Postgraduate Examinations. The College congratulates all the rank and A+ holders. We wish all of you a bright and fruitful year ahead. We appreciate all the faculty members and parents for their support and encouragement.

Sl. No.	Name	Department	Rank/Position
P.G: Rank Holders : 16 Ranks			
1	Nandhuja G	Physics	5 th Rank
2	Haritha L.P	M.Sc Chemistry	7 th Rank
3	Devika Sathish	M.Sc Analytical Chemistry	3 rd Rank
4	Riya S. Mathew	M.Sc Analytical Chemistry	4 th Rank
5	Ardra Miriam Mathew	M.Sc Analytical Chemistry	6 th Rank
6	Anju P.M	M.Sc Analytical Chemistry	7 th Rank
7	Aswathy Babu	M.Sc Botany	4 th Rank
8	R. Jayalakshmi	M.Sc Botany	8 th Rank
9	Renjini K. J	M.Sc Zoology	First Rank with A+
10	Raesa P K	M.Sc Data Analytics	First Rank with A+
11	Bhavana Vijay	M.Sc Data Analytics	3 rd Rank with A+
12	Neethu Mohan	M.Sc Data Analytics	5 th Rank with A+
13	Abhijith K S	M.Sc Data Analytics	7 th Rank with A+

14	Anakha S	M.Sc Data Analytics	10 th Rank with A+
15	Farzana Kamal	M.Sc Microbiology	First Rank
16	Dona Sibi	M.Sc Microbiology	10 th Rank
P.G: A+ Holders			
1	Arundhathy M S	M.Sc Mathematics	A+ (4.53)
2	Shahanas Shaji	M.Sc Mathematics	A+ (4.51)

The following students obtained ranks and A Plus at the Undergraduate Examinations:

Sl. No.	Name	Department	Rank/Position
U.G : Rank Holders : 10 Ranks			
1	Ms.Gopika Gopan	B.A English Language and Literature	4 th Rank
2	Ms.Liya Ann Varghese	B.A English Language and Literature	9 th Rank
3	Ansu Anna Zachariah	Chemistry	3 rd Rank
4	Aneena Susan Abey	B.Sc Botany Model II	3 rd rank
5	MuhammedFaiz V. P	B.Sc Botany Model II	9 th Rank
6	Arya Rajan	B.Sc Botany Model II	10 th Rank
7	DEVIKA PRADEEP	BA Political Science	First Rank
8	TENY MARIAM ABRAHAM	BA Political Science	5 th Rank
9	Aparna M	B.Com Finance & Taxation	8 th Rank
10	Haritha L K	B.Com Computer Applications	8 th Rank
U.G : A + Holders : 21			
1	Megha Suresh	Chemistry	A+
2	Merlin Elsa Varghese	Chemistry	A+
3	Sona Mariam Mathew	Chemistry	A+
4	Devapriya K. M	B.Sc Botany	A+
5	Noora Aji	B.Sc Botany	A+
6	Sreedevi R.	B.Sc Botany	A+
7	Vidhya K. B	B.Sc Botany	A+
8	Mahima Susan Kurian	B.Sc Zoology	A+
9	Aleena Sreeji	B.Sc Zoology	A+
10	FEBY MARIAM JOHN	B A Political Science	A+
11	Christy Abraham Thomas	B.Com Taxation	A+
12	Sandra Vijayan	B.Com Taxation	A+
13	Liya Babu	B.Com Taxation	A+
14	Bibin B Thomas	B.Sc Mathematics	A+
15	Jeena S	B.Sc Mathematics	A+
16	Angel Mariam Jacob	B.Sc Mathematics	A+
17	Taniya Sara Koshy	B.Sc Mathematics	A+
18	Libiya Lalu	B.Sc Mathematics	A+
19	Sona K Shaji	B.Sc Mathematics	A+
20	Niya Meria Abraham	B.Sc Mathematics	A+
21	Aiswarya M	B.Sc Mathematics	A+

6. NET / JRF / SET holders / JAM

The following students have cleared NET/JRF during this academic year

	Name of the Student	Department	Achievement
1	Ms. Anjana J	M. Sc Botany, 2019-21	Qualified NET with 72 Rank and ICAR JRF with 42 Rank & Qualified GATE 2023
2	Ms. Anupama S	M Sc Botany 2019-21	Qualified GATE 2023
2	Ms. Anu K Johnson	M Sc Botany 2019-21	Qualified GATE 2023
4	Ms. Setna Mohan	M Sc Physics 2019-21	Qualified GATE 2023
5	Ms. Aswathy Babu	M Sc Botany 2020-22	Qualified GATE 2023
6	Ms. Anavadya I	III DC Chemistry	Qualified GATE 2023
7	Mr. Abhijith S	III DC Chemistry	Qualified GATE 2023
8	Ms. Sruthi S Kumar	M Sc Zoology 2019-21	Qualified NET 2022
9	Ms. Sindhuri S	M Sc Zoology 2019-21	Qualified NET 2022
10	Ms. Chrsity Sunil	B.Sc Physics 2020-2023	Qualified IIT JAM 2023

7. STUDENT ACHIEVEMENTS

- Cdt. Aravindan R is selected for Army Attachment Camp (23 Maratha Ali)
- Cdt. Ann Kripa Thomas is selected for All India Trekking Expedition at Neelagiri, Tamilnadu from 27th April 2023 to 4th May 2023.
- Ms. Thara Tom, Research scholar of Chemistry has selected for Erasmus Plus Scholarship for a period of three months in Dublin city University, Ireland. Research supervisor- Dr Josmine P. Jose.
- Sneha Anil Second year BCom NSS Volunteer selected for National Youth Festival at Hubli
- Ms. Gisly M George (2nd PG Biotechnology student has been selected for Bio entrepreneurship Advanced Certification Programme organized by Kerala Biotechnology Commission, KSCSTE
- Aleena Sara Varghese (Ist BA History) got second prize in postal competition conducted by Government Thaluk Hospital Thiruvalla. Leena Elizabeth (Ist BA Political Science) got second prize in postal competition conducted by Government Thaluk Hospital Thiruvalla and NSS Unit of the College got Third Prize in Rally Competition conducted by Government Thaluk Hospital Thiruvalla
- R. Jayalakshmi of M. Sc Botany Secured Second Prize in Kerala Botanical Society Intercollegiate Project Presentation
- Elizabeth Thomas, Research Scholar, Department of Physics has won the “Excelsior Award” (Research Scholar) at the RICERCA NATIONAL CONFERENCE 2022 organized by St. Joseph’s College for Women, Alappuzha. Title – Solar Activity and Rainfall: A Distinct Relation. Excelsior Award for our Research Scholar at the RICERCA NATIONAL CONFERENCE 2022. Got Savitribai Jyotirao Phule Single Girl Child Fellowship (UGC) , 2022.
- Ms. Athira V S 2015-2018, B.Sc Botany Qualified CSIR-UGC JRF with all India 135th rank.
- Ms. Punnya S. Kumar, II M. Sc. Physics, **Poster Presentation** at IUCAA workshop on Sun and Space weather- Impacts on terrestrial environment to be held at University College, Trivandrum during March 15-16, 2023.
- Ms. Anjana S. Raj & Ms. Jubia Susan George, II M. Sc. Physics has Selected for poster presentation at the “International Conference on Emerging Trends in Sustainable Materials and Applications” to be held at Nesamony Memorial Christian College, Marthandam during 20, 21 March, 2023.

- Ms. Aswathy G Babu, Research Scholar, Dept. of English Secured MRCresearch Grant 2022-23 of the Asiatic Society of Mumbai for the project “Cuisine and Cultural Artefacts: A Comprehensive Inquiry into the Significance and Current Stature of Bombay Jews.
- Ms. Rahmah Ali Shahjahan, II MA English has contributed two book chapters
- Ms. Aiswarya R, I MA English Published a research paper
- Ms. Krupa Murali, II MA English has published a research paper
- Ms. Achsa Mariam Varughese, II MA English has published a research paper.
- Mr. Aaron Mathew Roy, III BA English; Published two research papers; Bagged 3rd place for the Haiku Competition held at Rajagiri College of Social Sciences, Ernakulam; Secured First prize for in paper presentation Intercollegiate Competition organized by the Post Graduate Department of English, Christian College, Chengannur.
- Ms. Megha Krishnan, MA Economics 2020-22 has published a paper in a peer-reviewed journal
- Ms. Ammu K, Research Scholar, Dept. of Economics has Published a research paper in a peer-reviewed journal
- Mr. Muhammed Ashique and Mr. Kesavdev S. (III B.A Economics) secured 3rd prize in the Nationwide Quiz Contest on Official Statistics organized by the Field Operations Division, National Statistics Office, Thiruvananthapuram under the Ministry of Statistics and Programme Implementation, Government of India held on 27th June 2022 at Kovalam.
- Mr. Alen Zachariah (III B.A Economics) secured consolation prize in the State Level Anti-drug Short Film Competition by the Kerala State Higher Education Department .

Sl No.	Name of the Student	Department	Achievement
1	Prof. Anishkumar P.T	Research Scholar Dept. of Economics	Published a research paper in a UGC CARE listed journal
2	Mr. Alert Mathew Joseph	Research Scholar Dept. of Economics	Published a research paper in a peer-reviewed journal
3	Mr. Alosious Xavier	Research Scholar Dept. of Economics	Published a research paper in a UGC CARE listed journal
4	Ms. Aswathy C Ashok	M Sc Microbiology 2019-21	Published a research paper in an international journal.
5	Dr.Surya Babu S	Research Scholar Dept. of Zoology	Published two research papers in international journals
6	Ms.Harsha Vincent	Research Scholar Dept. of English	Two Research Publications
7	Ms.Diya Jose	Research Scholar Dept. of English	Published a research paper
8	Ms.Merity Jacob	Research Scholar Dept of Botany	Published a research paper in a Peer-Reviewed and UGC CARE listed journal
9	Mr.Gokul G. Nair	Research Scholar Dept. of Botany	Published two research papers in Scopus Indexed journals
10	Ms. Nisha Mathew	Research Scholar Dept. of Botany	Published a research paper in a Peer-Reviewed and UGC CARE listed journal

(Co-curricular & Extra Curricular)

S.I No.	Name of the Student	Achievement
1.	Mr. Sravan Suresh, III B.Sc. Physics	Secured First Position with A grade for Percussion Western competition in MG University Kalolsavam- Aneka 2023
2.	Ms. Karishma E Geevarghese, III BA English	Won second prize with A Grade for Malayalam Essay Writing at the Mahatma Gandhi University Kalolsavam-Aneka 2023.
3.	Mr.Noel Sajan Mathew, III DC Physics	Secured A Grade in Elocution Hindi in MG University Kalolsavam- Aneka 2023
4.	Ms. Radhika K, II M Sc Botany	Secured A Grade in Kuchipudi and Mohiniyattam in M. G. University Kalolsavam- Aneka 2023
5.	Ms. Manjery Narayanan, III DC Botany Model I	Secured A Grade in Recitation Malayalam(Kavithaparayanam) in M G University Youth Festival 2023
6.	Ms.Anna Susan Babu, I DC Political Science	Secured A Grade in Hindi Poem Recitation, MG University Kalolsavam- Aneka 2023
7.	Ms. Megha Elsa Georgy, III DC Chemistry	Secured A Grade Hindi Poetry Writing in M G University, Youth Festival 2023
8.	Ms. Avani. S, II DC Chemistry	Secured A Grade in Folkdance- Keralanadanam, in M G University Kalolsavan- Aneka 2023
9.	Mr. Sooryanarayan J., III BA English	Completed and passed the AIFF D License Coach and AIFF CAT 5 Referee examinations & got selected as Head Coach of PTA Junior Football Team in Subroto Mukherjee Cup at Malappuram
10.	Mr. Rahul K. Sukumaran, IBA English	Appointed Captain of the State Net Ball Team
11.	Ms.Joanna Susan Mathew, I BA English	Secured first place in the Elocution Competition conducted by Pathanamthitta Dist. Supply Office in connection with National Consumer Day.
12.	Ms. Rimi Mathew, I BA English	Won the 1 st place in Western Solo at the inter-collegiate competitions held at BK College, Amalagiri, Kottayam.
13.	Ms. Reshma Raj, I MA English	Secured 4 th place in Tarangini Competitions held at St. Stephen's College, Uzhavoor.
14.	Ms. Juliyet Jishi, III BA English	Selected for the SSB Coaching Capsule
15.	Ms. Ashly Anu Varghese, II BA English	Recruited by the Military Police in the recruitment drive conducted by the Indian Military Academy.
16.	Mr. Andrew M. Idichandy II BA English	Placed third in "Just A Minute" competition conducted as part of "Alcheringa 2K23, inter-collegiate literary fest organized by St. Thomas College, Ranni.
17.	Ms. Geena Sara George II MA English	Secured 2 nd place in Found Poetry at the inter-collegiate competitions held at BK College, Amalagiri, Kottayam.

18.	Mr. Muhammed Ashique and Mr. Kesavdev S. III DC Economics	Secured 3rd prize in the Nationwide Quiz Contest on Official Statistics organized by the Field Operations Division, National Statistics Office, Thiruvananthapuram under the Ministry of Statistics and Programme Implementation, Government of India.
19.	Ms. Dina Mary Joseph II DC B Com Model I	Selected as Campus Reporter of Manaoramma Online
20.	Ms. Meeval Elsa Shaji and Jessiya Deena Johny III DC B Com Model I	First Prize in Trash to treasure competition organised by the Rajagiri College of Social Sciences (Autonomous) Kalamassery
21.	Mr. Reuben John, Ms. Krishnedhu P S, Mr.Lishin Muhammed Khan, Ms. Sethulekshmi K S, Mr. Moobi N B, Ms. Fexa Mariam Thomas II DC B Com Model I	YUVA BOOT Camps- Student EntrepreneurPitching Competition (Organised by Dept. of industry and commerce, Govt. of Kerala)– First inState Level
22.	Mr. Leo Joseph III DC B Com Model I	Selected for the online internship in Invisor Consulting Company as part of Departmental Workshop of YIP 5.0 held at district level
23.	U/O. Pooja Purushothaman	Selected for Army Attachment Camp organized by Madrass Regiment of Indian Army
24.	Sgt.Risniya S Navas	Selected for Army Attachment Camp organized by Madras Regiment of Indian Army
25.	U/O.Bineesh N B, Sgt.Albin Roy, Sgt.Vyshakh K N, Sgt.Akhil Mohan	Selected for Army Attachment Camp organized by 23 Marathali Regiment of Indian Army
26.	Cpl.Ajin Philip, L/Cpl.Anandhu M A, L/Cpl. Aromal S	Selected for Army Attachment Camp organized by 11 Madras Regiment of Indian Army
27.	Sgt.Christy Jose Reji	Selected for All India Trekking Expedition organized by the Andhra Pradesh & Telangana NCC directorate
28.	SUO.Bobin Babu	Selected for Ek Bharath Shresta Bharath (EBSB) Camp held at Ujjain,Madhyapradesh
29.	CSM.Adhitya Jayan	Selected for Rock Climbing TrainingCamp held at Gwalior
30.	U/O.Ashly Anu Varughese	Selected for Rock Climbing TrainingCamp held at Gwalior
31.	Cpl.Juliet Jishi	Selected for Super 30 – SSb Coaching Capsule organized by NCC at State Level
32.	SUO. Joshua Raju George III DC English	CWS Scholarship for the Best NCC Cadet
33.	CDT. Adharsh K A Nair B.Sc. Mathematics (2019-22)	Selected as AGNIVEER into Madras Regiment
34.	L/CPL. Abhinandhu II DC Model II B.Com	Selected as AGNIVEER into Madras Regiment
35.	UO.Alen Zachariah, III DC Economics	Consolidation prize for the State Level Short Film Conducted by Government of Kerala as Anti-drug awareness campaign.

36.	UO.Pooja Purushothaman, CSM. Risniya S Navas, SGT. Dhanitha Dhanarajan, CDT. Aavani S, CDT. Aranya G, CDT. Mayuri R & CDT. Aswini Santhosh (III B Sc Maths)	Won 1st Prize for Group Dance at EKTA 2K23 NCC Fest conducted by BASELIUS COLLEGE, KOTTAYAM
37.	Won 2nd Prize for Group Song at EKTA 2K23 NCC Fest conducted by BASELIUS COLLEGE, Kottayam SGT. Aksa Thomas,SGT. Reshmi Madhu,SGT. Anuja Achenkunju,CPL. JuliyetJishi L/CPL. Aneena Sara Thomas,CDT. Adithyaprasad &CDT. Aseena M	
38.	Participated in MG University Natakolsavam Mr.Sam Simon,II DC English, Mr. Sanju T Soman,II MA English, Mr. Sidharth A,II MA English, Mr. Adhin Joyal,II DC Economics, Mr.Steffin Titus,III DC English, Mr.Kiran Zachariah,III DC English, Mr. Muhammed Noor,II M Sc Microbiology, Mr.Aleena Sara Varghese,BA History, Mr. Sneha S,III DC History, Ms.Ashly Anu Varghese,III DC English Mr.Favad Mon A P, B APolitical Science	
39.	MG University Netball Inter Collegiate Winners 2022-23 Mr.Ananathu Shiji,I DC English, Mr.Rahul K Sukumaran, I DC English Mr. Pranav B Nair,I DC English, Mr. Parthan P, I DC B Com Mr.Jishnu J S, I DC History, Mr. Vaishnan V M, II DC B Com Mr.Rajath C V,II DC B Com, Mr. Ameesh Raj TV,II DC English Mr.Bibin K Babu,II DC Physics, Mr.Abhijith S,II DC Physics Mr. Melbin,II DC B Com, Mr. Althaf,II DC B Com	
40.	M G University Hockey Inter Collegiate Runners-up 2022-23 Ms. Abhirami M T, III DC Economics,Ms.Haripriya L, III DC Economics Ms.Anagha K R, III DC B Comm,Ms. Medha A J, III DC B Com Ms. Jisna Prakash, III DC B Com,Ms. Jisna Johnson, II DC Zoology Ms. Sreelakshmi, II DC Zoology,Ms.Jincy, II DC Zoology Ms. Vipinya, I DC English,Ms.Samasya, I DC English,Ms. Indraja, I DC History	

8. STUDENT STRENGTH

Stream	No. of Students
First Year BA/BSc/BCom	380
Second Year BA/BSc/BCom	411
Third Year BA/BSc/BCom	396
First Year MA/MSc	113
Second Year MA/MSc	132
I MSc Self-Financing	40
II MSc Self-Financing	42
Total	1514
PhD	72
Grand Total	1586

9. TEACHING ANDNON-TEACHING STAFF

Stream	Number
Teaching Faculty (Aided)	71
Teaching Faculty (Self Financing)	6
Guest / FIP Faculty	25
Non Teaching	36
<u>Management Staff</u>	
Management Office	3
Computer Centre	2
Self Financing (NT)	1
Library	3
IQAC	1
Security Staff	4
System Manager	1
Work Supervisor	1
Total	154

10. Newly Appointed Staff Members

- **Teaching Staff.**

1. Dr ArunVinod, Department of Physics
2. Mr.Alex P. Zecharia, Department of Zoology
3. Mrs. Elizabeth George, Department of Botany
4. Dr Roshan Sara Philipose, Department of Mathematics
5. Mr.Jijo John Varghese, Department of English
6. Dr Neema Susan Mathews, Department of English
7. Dr Ansa C. Prasad, Department of English
8. Ms.Juby Johnson, Department of Commerce
9. Ms.Nitha K. Vinod, Department of Commerce
10. Ms.AnjuMaraiah Johnson, Department of Commerce
11. Dr. LittyYohannan, Department of Hindi
12. Dr. Sreelatha P.V, Department of Hindi
13. Dr. Liji Samuel, Department of Economics

- **Non-Teaching Staff**

1. Mr. Saran Philip (Clerk)
2. Mr. Cyril Saji Mathew (Clerk)
3. Mr.Mebin Varghese (Office Attendant)
4. Mr.Jeril M. John(Office Attendant)
5. Mr.Roshan P. Chacko (Office Attendant)

11. RETIRING STAFF MEMBERS

The following members of Teaching and Non-Teaching staff are retiring from active service in the College during this year.

Teaching Staff:

- Dr Varughese Mathew, Associate Professor of Mathematics & Principal
- Prof. Mini Thomas, Head of the Department of Mathematics

Non-Teaching Staff:

- Mrs.Saji Abraham (Senior Clerk)
- Mrs. Aleyamma Varghese (Lab. Assistant)
- Mr Saji John (Lab. Assistant)

12. OBITUARY

- Mr. Andrew Pappachan, junior lecturer in the late 1960s
- Mrs. Aleykutty Kochummen(88) wife of former Principal late Prof. C. Kocummen
- Mrs. Mariam Joseph (91) wife of late Prof. C.C Joseph (Former Principal of the College)
- 19th July 2022: **Dr Joyes Jacob**, Former faculty of Chemistry & Mother of Dr Sharron Achamma Abraham, Assistant Professor of Chemistry was called to eternal life on 12th July 2022. She was one of the Secretaries of the Alumni Association of the College. The body was brought in the College chapel at 7.30 a.m on 19th July 2022 and kept upto 9.20 a.m for public viewing. **Rt. Rev. Gregorios Mar Stephanos Episcopa**, Bishop of Malankara Mar Thoma Syrian church, several achen, former faculty members, staff, students and public offered their last respect and prayers. The funeral was held at St. Thomas Mar Thoma Church, Anicadu.
- Dr J V Vilanilam, Former Vice-chancellor of Kerala University. Former faculty of English who composed the College Anthem.
- Master Adhik John Aby son of Governing Council member Mr Abi Varghese John
- Prof. M. George (87) former faculty of English and Librarian.
- Dr T.V. Mathew (91), Former HOD of Malayalam
- Mr. N M Punnoose (82),Former Lab staff of chemistry

13. CURRICULAR AND CO-CURRICULAR ACTIVITIES

Reopening

- The College reopened after summer vacation on 1st June 2022. An opening assembly was convened. Rev. Dr Abraham Scaria P, Mar Thoma Syrian Theological Seminary, Kottayam delivered the keynote address.

Chapel Service

- The regular activities of the College on working days begin with morning worship in the College Chapel under the leadership of MTSA. The chapel prayer service of the College was inaugurated on 10th June 2022 by Rev. Dr. Jose Punamadom.

Environment Day Celebration

- The World Environmental Day was observed on 6th June 2022. Dr. Sreekala M.S, Associate Professor, School of Chemical and Joint Director, School of Nanoscience and Nanotechnology, M.G. University, Kottayam was the resource. As a part of environmental day celebration four plants of *Glutatravancorica* (Chenkuranji) were planted in the fruit orchard of Mar Thoma College Campus by the Department of Botany

Reading Day

- Reading Day was observed on 20th June 2022 by the Department of Malayalam and conducted Literary Quiz for students. Second hour of the day was reserved for reading day observance.

International Yoga Day

- The international Yoga Day was observed on 21st June, 2022. Mr. M. G. Dileep, Director, Pranav Yoga Centre was the resource person for the programme arranged by the Department of Physical Education.

International Day Against Drug Abuse and Illicit Trafficking

- International Day Against Drug Abuse and Illicit Trafficking was observed on 24th June 2022 by the Anti Drug Cell of the College in association with red cross society. Narcotic Dept. Mr. Pradeep Kumar was the chief guest

Water Analysis camp

- A Water Analysis camp was conducted on 25th June 2022 by the Bio-Sciences department and Department of Commerce. Municipal Chairperson Mrs. Santhamma Varghese inaugurated the programme.

Van Mahotsavam Celebration

- Vanmahotsavam was jointly organised with the Department of Forest, Kerala State and Department of Botany on 6th July 2022. Mr. Habi C. K., Assistant Conservator of Forest, Social Forestry Division, Pathanamthitta Dist was the chief guest.

Hiroshima and Nagasaki Day

- Observed Hiroshima and Nagasaki day on 10 September 2022. The chemistry Association organised a talk on "The happiness of doing Research". Dr. Sreeprasanth Pulinthanathu, Academic Staff and Research Expert at Materials Engineering Department of KU, Leuven, Belgium was the resource person.

Independence Day Celebrations

- The 75th Independence Day celebration was held on 15th August 2022. The flag hosting and ceremonial parade were held under the auspices of the NCC unit of the college under the leadership of Lt. Prof. Raison Sam Raju. Principal Dr. Varughese Mathew delivered the Independence Day address. The NCC Unit and the NSS Unit conducted different programmes.

Onam Celebration

- The Onam celebration was conducted on 26th August 2022.

Teachers Day

- Teachers Day was celebrated by the Department of Chemistry on 5th September 2022.

Hindi Diwas Day

- Hindi Diwas was observed on 14th September 2022. Dr. Lekha M, Assistant Professor, NSS Hindu College Changanassery was the chief Guest. A Hindi manuscript magazine was released.

International Day of Democracy

- Observed International Day of Democracy on 15th September 2022.

World Ozone day

- World Ozone day was observed on 16th September 2022 by the Department of Chemistry and arranged a poster exhibition and a flash mob.

Voters Enrolment Awareness Programme

- On 19th September 2022, an awareness programme for linking Voters ID with Aadhar card was held under the direction of Mr. Raraj, KAS Officer.

NSS Day

- NSS Day was observed on 24th September 2022 and NSS volunteers visited Abhaya Bhavan at Muthoor and did voluntary works.

ASAP orientation programme

- An orientation programme was given to sports students on 7th October 2022 in association with ASAP.
- ASAP Induction Programme for first year degree students was conducted on 11th October 2022.

Corpus fund

- A corpus fund was formed by the staff association (teaching) of the College on 17th October 2022 for lending interest free loan for newly appointed needy teachers (permanent) .

Legal service day

- Observed Legal service day on 9th November 2022.

NCC Day

- NCC Day was observed on 26th November 2022 and food packets were distributed to needy ones.

Gandhi Jayanthi Celebrations

- The National Service Scheme units Observed Gandhi Jayanthi on 2nd October 2022 and arranged cleaning programmes.

World Sight Day

- World Sight Day was observed on 13th October 2022.

International Mole Day

- International Mole Day was celebrated by department of Chemistry on 23rd October 2022.

National Unity Day

- National Unity day was observed on 31st October 2022.

Kerala Piravi day

- 1st November 2022: Kerala Piravi day was observed and a programme was arranged in the Open air stage. Dy Shiny Thomas was the resource person.

World Aids Day

- The World Aids Day was observed on 1st December 2022 by Bio-Science department. An awareness programme was also arranged.

World Disability Day

- World disability day was observed on 3rd December 2022.

International Human Rights Day

- International Human Rights day was observed on 11th December 2022 and an Essay Competition was organised by the IQAC.

National Energy Conservation Day

- National Energy Conservation Day was observed on 14th Dec 2022. Er. Ninian C. Mathews, Executive Engineer, KSEB Tiruvalla delivered the main talk.

National Mathematics Day

- National Mathematical day was observed on 17th December 2022

College Christmas Carol

- Christmas Carol Service of the College was organised by the College Choir on 21st December 2022. Rev. C. V. Symon, Sabha Secretary, Malankara Mar Thoma Syrian Church was the chief guest. The service was attended by Rev. Shibi Varghese, Rev. Abraham P. Mathew, Rev. Ashish Thomas George, DSMC, Director, Rev. Georvin Joseph, Finance Manager, Mar Thoma Sabha Office and Rev. James George

National Consumer Day

- National Consumer Day was observed on 24th December 2022

Debate Competition

- Speak for India 7th edition debate Competition sponsored by The Federal Bank and Mathrubhumi was held On 11th January 2023.

National Youth Day

- National Youth day was observed on 12th January 2023

PG Association

- The PG association of the college was inaugurated on 13th January 2023 by Prof. Dr. Achuthsankar S Nair (HoD, Department of Computation Biology and Bioinformatics University of Kerala). An interdepartmental Paper Presentation competition was conducted on the theme “Nurturing Nature and Securing the future”. The first prize goes to Bioscience Department, Second and Third prize goes to Economics and Department of Data Analytics respectively.
- The PG Journal Cognizance for the year 20221-2022 has been published on 29th March 2023. Dr Merin Sara Thomas, Department of Chemistry was the convener.

Yoga Awareness Programme

- An awareness programme on Yoga was arranged for students of New Hostel, Old Hostel and Boys from 17th, 20th and 24th January 2023 in association with Thiruvalla municipality, Kuttapuzha Homeo Dispensary, National Ayush Mission & Department of Physical Education of the College. Mr Jerry Joshy National Ayush Mission was the Resource Person.

Republic Day Celebration

- The Republic Day celebration was held on 26th January 2022. The flag hosting and ceremonial parade were held under the auspices of the NCC unit of the college. The Principal Dr Varughese Mathew delivered the Republic Day address.

National Science Day Celebrations

- The National Science day was observed on 28th February 2023.

International Women's Day

- The International Women's Day was celebrated on 8th March 2023.

World Poetry Day

- The World Poetry Day was observed on 15th March 2023 by the Department of English, with students reading out poetry composed by them, under the trees in an open air environment. Also, interdepartmental competitions were arranged.

International Day of Forests

- International Day of Forests was observed by the Department of Botany on 20th March 2023 and arranged programmes.

Farewell Function

- A farewell function Promotions Sollemnia 2023 for the final year UG students was held in the College auditorium on 23rd March 2023. Mr. Sunil D. Kuruvilla, HRD trainer & Career Counsel, Insight Mission, Mavelikkara was the chief guest. Batchwise group photos were also taken.

College Union Election / Activities

- The College Union election for the year 2022-2023 was conducted peacefully in Parliamentary mode. Mr. Sangeeth Varughese Mathew was elected as the Chairperson of the College Union. Prof. Sony Achamma Thomas, Department of Political Science serves as the Staff Advisor of the College.
- On 17th, 18th, 19th and 21st January 2023: The Arts Fest of College Union "Daksha" was held.
- On 6th January 2023: A seminar on gender equality was organised by the college union. Mr. Shan Gopan, Executive Director Disha was the resource person.
- A cultural procession was arranged on 18th January 2023 from College, via new hostel, Thomson Bakery, Kuttapuzha Junction, Old Hostel, Social Sciences campus as part of

the Arts Fest. The departments were classified into four houses namely Blue House- Commerce and Physics, Red House- English, Political Science & History, Green House- Economics, Data Analytics, Bioscience & Zoology, White House- Botany, Chemistry & Mathematics.

- The sports meet “Kuthippu” 2022-2023 of the College was jointly organised by the Department of Physical Education and the MTC Union 2022-2023 on 14th March 2023. Mr. K. T. Chacko, Former Goal Keeper of Indian Football Team inaugurated the sports meet.
- The valedictory programme of the College union and cultural events were held in the college auditorium on 24th March 2023. Retiring members of staff were felicitated.

Forestry Club

- Activities of Social Forestry Department and Forestry club of Pathanamthitta District for the academic year 2023-2024 was inaugurated by Mr. Ashok A S, range Officer, social Forestry Pathanamthitta Division on 18th May 2023. As part of the world environment day 2023 an academic talk was also conducted on the topic “Lifestyle for environment”. Dr Jacob Thomas, Department of Botany was the resource person. Mr. Ashok A S felicitated the retiring principal Dr Varughese Mathew for the various support rendered to the Social Forestry Department during the last three years.

Millet Harvest

- The Harvest of Millets was held on 20th May 2023 in the College Orchard. Very Rev. Jayan Thomas, Mar Thoma Church was the chief guest. Few members of 1970-73 degree batches of the College attended the programme.

Workshop on Artificial Intelligence

- The Department of Physics of the College has conducted a workshop on “Artificial intelligence: Possibilities and Challenges” on 26th May 2023 for High School and Higher Secondary School students. Classes were led by Dr Arun Aniyar (Deep Alert, UK) and Mr. Flemin K. Sony (U-DNA Foundation).

14. IQAC

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:

a) 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.

b) 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.

c) 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 mime, the NSS unit organized an Elocution Competition on 11th August 2022, and the 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.

d) 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.

e) 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.

f) FACULTY DEVELOPMENT PROGRAMME (1)

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

g) 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.

h) 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.

i) INDUCTION PROGRAMME

A three - day Induction Programme for first Year UG Students (2022 Admissions) was conducted by the IQAC from October 10th to 12th 2022. The Inaugural Session was led by Prof. Dr K N Ninan (Former Dy Director, VSSC & Emeritus Professor of Indian Institute of Space Science & Technology (IIST) Trivandrum). He delivered a lecture on "India's Incredible Achievements". The second day sessions were led by the team from ASAP, Govt. of Kerala. The sessions of the third day were led by Mr Sunil D Kuruvilla (HRD Trainer and Career Counsellor of Insight Mission) and the team (Mr.Arun P.T, Ex IPOS, Smt. RemyaRoshini, Ex-IPS) from Prep Academy, Tiruvalla. Also, informations on ASAP, NSS, NCC, Scholarships and endowments were given to the students during these days. 374 students attended the various sessions. Dr Susan Thomas served as the Coordinator of the programme.

j) 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.

**k) 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.

l) FELICITATION FOR SPECIAL ACHIEVEMENTS IN SPORTS

The IQAC organized a Felicitation meeting on 3rd November 2022 for the special achievers in Football, Hockey Womens' and Mens' Teams. The *Best Football player in Kerala award* was won by Ms 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.

m) 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.

n) 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)

o) 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.

p) 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.

q) 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 specimens in the zoological museum. 121 students participated in the programme.

r) 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.

s) 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 report is to be consolidated for the evaluation at various levels and used for the submission of the AQAR. The members of the auditing team are

1. Dr. Rajan Varughese, Former Principal, Union Christian College, Aluva (External Expert & Chairman)
2. Dr. K.S. George, Former Principal, Titus II Teachers College, Tiruvalla (External Expert)
3. Dr. Philip Cherian, Former HOD, Department of History, Mar Thoma College for Women, Perumbavoor (External Expert)
4. Dr. George Mathew – Treasurer of the College and Governing Council Member
5. Dr. Susan Thomas, IQAC Coordinator
6. Dr. Varughese Mathew – Principal

t) 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.

u) HONOURING UG RANK HOLDERS and A+ Holders 2023

The results of UG programme 2020-2023 has published by the M.G University and the College got 14 ranks in different subjects. The IQAC organised a felicitation meeting on 29th May 2023 for UG Rank and A+ holders 2023. Principal Dr Varughese Mathew, Dr Neeta N. Nair and Dr Susan Thomas, felicitated the achievers. Cash awards were distributed to the following rank holders. Mementoes were distributed to Rank and A+ holders.

Sl. No	Name	Position	Programme
1	Sherin Elsa Geevarghese	1 st Rank	B.Sc Botany Model II Food Microbiology
2	Durga A	2 nd Rank	
3	Ashna Assis	3 rd Rank	
4	Akhila Raj	5 th Rank	
5	Shiby sajan	6 th Rank	
6	Keerthy Sanil	7 th Rank	
7	Feba Anna Jackson	8 th Rank	
8	Dona Jacob	1 st Rank	B.A Political Science
9	Ardra M. Vijayaraj	3 rd Rank	
10	Jismon K. Saji	5 th Rank	B.Com Model II Computer Applications
11	Karishma Elizabeth Geevarghese	1 st Rank	B.A English Language and Literature
12	Lakshmi Shankar	4 th Rank	
13	Malavika R	8 th Rank	
14	Aaron Mathew Roy	10 th Rank	

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.

The IQAC is thankful to the College Principal Dr Varughese Mathew, the College Council, the faculty members, the secretarial assistants, and to all the members of the IQAC, NAAC and SAAC committees for their sincere cooperation and hard work.

15. Manuscript Magazine

The following departments published their manuscript magazine. Congratulations to the HODs, Presidents and Secretaries of subject associations of the respective departments.

- Mathematics
- Chemistry – Crucible
- Zoology –Oyster
- Botany –KALIKA
- Economics - Economic Horizon 2022-'23
- Hindi –NRADANUSH
- Commerce - COMBUZ

16. RESEARCH ACTIVITIES

All the post graduate departments of the college, except Bio-Science Department are recognized research centres of Mahatma Gandhi University. Active research is being carried out in the Departments of English, Physics, Economics, Mathematics, Chemistry, Botany and Zoology. Seventy two scholars are enrolled in various departments for the Ph.D. programme, at present. There are 28 research guides in the College guiding the scholars for Doctoral Degree programmes.

Department	Number of Research Scholars
English	11
Economics	26
Zoology	4
Physics	3
Chemistry	5
Botany	12
Mathematics	11
Total	72

The Following scholars have been awarded Ph.D. degree during the current academic year:

Sl. No.	Name of the scholar	Department	University	Guide
1	Dr. Hina Mohamed	Botany	M.G University	Dr. Jacob Thomas
2	Dr. Gokul G. Nair	Botany	M.G University	Dr. Jacob Thomas
3	Dr. Deepa Reghukumar	Economics	M.G University	Dr. Icy K John
4	Dr. Surya Babu S	Zoology	M.G University	Dr. Raju Thomas K

The Following faculty have been awarded Ph.D. degree during the current academic year

	Name	Department	Achievement
1	Dr. Jiji Varghese (Guest)	Physics	Awarded PhD in Physics from Kerala University
2	Dr. Anoop Vijayan	Bio-Sciences	Awarded Ph.D in Biochemistry from MG University, Kottayam
3	Dr. Bincy Varughese A (Guest)	Commerce	Awarded Ph D in Commerce from SRM Institute of Science and Technology, Chennai
4	Dr.Liji Samuel	Economics	Awarded PDF in Economics from Kerala University
5	Dr. Asharani A (Guest)	Political Science	Awarded Ph D in Political Science from Kerala University
6	Dr. Mathew Sam	HoD, History	Awarded Ph D in History from Calicut University

Research Guides of the College

Sl. No.	Name of the Guide	Department	Remarks
1	Dr Samuel Mathew	Physics	Retired
2	Dr Angel Susan Cherian		
3	Dr Noble P. Abraham		
4	Dr M.K. Suresh		External
5	DrVarughese Mathew	Mathematics	
6	DrIndulal G		External
7	DrAjesh K. Zachariah	Chemistry	Retired
8	DrShaji P. Thomas		
9	DrRejomon George		External
10	DrShaji Varghese		External
11	DrReenamole G		
12	DrJosmin P. Jose		
13	Dr. Reni George		
14	Dr. Susan Abraham		External
15	Dr Neeta N. Nair	Botany	
16	Dr Jacob Thomas		
17	Dr Mathews Thelley		External
18	DrAnilkumar K.		External
19	Dr Kurian Mathew Abraham	Zoology	External
20	Dr Raju Thomas K		
21	DrShilly Elizabeth David		
22	Dr Ashley Susan Philip	English	
23	Dr Ratheesh Kumar A		External
24	Dr Minu Sarah Koshy	External	
24	Dr Icy K. John	Economics	Retired
25	DrShyni T. Alexander		External
26	Dr Suresh M V		External
27	DrGeevarghese M Thomas		External
28	DrShaju M J		External

17. BOARD OF STUDIES, M.G. University

The list of faculty members in UG/PG Board of Studies, M.G. University are given below

Board of Studies (UG)

- Dr Renjith Joseph, English
- Prof. K. M. Vishnu Namboodiri, History
- Prof. Anu Ann James, Mathematics
- Prof. Santhosh Jacob, Physics
- Dr Reenamole G., Chemistry

Board of Studies (PG)

- Dr. Letha P. Cheriyan, Zoology
- Prof. Reethu Mariah Jacob, Botany

Member Board of Studies, Assumption College, Changanassery

- Dr. Josmin P. Jose, Dept. of Chemistry

18. SEMINARS/CONFERENCES/ACTIVITIES ORGANIZED

Department of English

- The Department of English organized an International Conference on “Sexualities and Gender: Distinctions and Discourses” on 19 & 20 January 2023 in association with “Navodaya Movement” of the Mar Thoma Church. Dr. Muraleedharan Tharayil delivered the Dr. A. V. Varghese Memorial Lecture. It was followed by lectures by Dr. Rose Merin (Assistant Professor, Bharath Mata College, Thrikkakara), Dr. Chandrima Chakraborty (Professor, Department of English and Cultural Studies,; Director, The Centre for Peace Studies, McMaster University, Canada) and Rev. Mathew Philip (Director, Navodaya Movement). The talks were followed by a plenary session comprising members of the Navodaya Movement. Asst. Prof. Sheeba K. Jacob (Convenor), Asst. Prof. Jijo John Varghese, and Dr. Neema Susan Mathews organized the Conference.
- The Comparative Literature Research and Study Centre and The Department of English organized a two-day ‘Workshop on Research Methodology in Literary Studies’ on 29 & 30 September 2022. Dr Appu Jacob John (Asst. Prof. Institute of English, Thiruvananthapuram), spoke on ‘Research, Writing and Publication.’ Benita Acca Benjamin (Research Scholar, Institute of English, Thiruvananthapuram) and Alen Itty Jose (Research Scholar, Dept. Of English, Mar Thoma College) spoke on ‘Fundamentals of Research in Literary Studies: Planning and Execution’ and “The Craft of Academic Writing’ respectively. Dr. Renjith Joseph and Dr. Ansa C. Prasad were the Conveners of the workshop.
- The Comparative Literature Research and Study Centre and The Department of English organized an Invited Lecture “Tropes, Footprints and Shadows: Toward a New Theorization of Comparative Literature” by Dr Krishnan Unni P., Professor, Department of English, Deshbandhu College, University of Delhi, on 04 January 2023. Prof. Sheeba K Jacob was the Coordinator of the Lecture.

Department of Mathematics

- Prof. C. Kochummen Memorial Lecture 2023 was organized on March 7, 2023. The Chief guest of the programme was Adv. Mathew T Thomas. Prof. Dr. G Indulal, St. Aloysous College Edathua was the resource person. He delivered a lecture on “Relevance of Mathematics”. A book written by Dr T K. Mathew in memory of late Prof. C. Kochummen was released by Adv. Mathew T. Thomas.

Department of Physics

- Prof. Chellamma Mathew Memorial Lecture was organised on 20th February 2023. Prof. Praveen C Ramamoorthy, Department of Materials Engineering, IISc. Bangalore was the resource person.

Department of Chemistry

- On 18th July 2022, Dr. Alex John, Associate Professor, Chemistry and Biochemistry Department, California State Polytechnic University, Pomona, USA delivered a lecture on “Towards Sustainable Production of Chemical and Research and Career Avenues in USA” as part of “Chem Talks” series.
- On 10th August 2022, Dr. Sreeprasanth Pulinthanathu, Academic Staff and Research Expert at Materials Engineering Department of KU Leuven, Belgium delivered a lecture on “The happiness of doing Research” as part of “Chem Talks” series.
- On 8th February 2023, the Department organized a special invited talk on “Gaseous plasma technology for tailoring surface properties of polymers” for undergraduate and post graduate students. Prof. Miran Mozetic, Professor (Foreign Collaborator of DST India Slovenia Joint Project), Jozef Stefan Institute, Slovenia was the resource person.
- The Prof. V. V. Achenkunju Memorial Seminar was held on 3rd March 2022. Prof. Dr. Sunny Kuriakose, Retired Professor, St. Thomas Pala delivered the memorial lecture on “Topic: Chemistry of Human Emotions”.

Department of Botany

- **Two Day Seminar & 1st Anniversary of Vidhyavanam Project** The department conducted a 2 day seminar entitled ‘Plant Conservation: Strategies, Scope and Applications’ in connection with the celebration of the first anniversary of the *Vidhyavanam* Project on 18th and 19th of October 2022. The programme was inaugurated by Adv. Mathew T.Thomas, MLA. The first technical session was engaged by Dr.Robi A.J.Assistant Professor, Department of Botany, BAM College, Thuruthicad, Pathanamthitta Dist. The topic of discourse was Role of Plant Biologists in Forest Conservation. Technical Session II was engaged by Dr.Leena Abraham, Head and Research Guide, P.G. and Research Department of Botany, St. Thomas College, Kozhencherry, Pathanamthitta Dist. The topic of discourse was Application of Geospatial Technologies in Plant Conservation and Plant Science. The third technical session was engaged by Asst. Conservator of Forest Mr. Haby C.K. The topic of discourse was the role of Academic Communities in Social Forestry Initiatives and the Significance of Social Forestry.

Department of Zoology

- Organised two days Workshop on “Taxonomic Approaches of Mollusc, Fish and Herpetofauna” sponsored by Kerala State Biodiversity Board (KSBB) during 2nd and 3rd March 2023. Aim of the workshop was to equip students with basic skills in observation and study of reptiles, amphibians and fish species. Students of the department and nearby colleges together with the faculty members attended the workshop. Dr. Sandeep Das, SERB Post-Doctoral Fellow of Calicut and Dr.A.Chandran, Former Director in Charge, School of Applied Life Sciences, Chuttipara were the resource persons.

Department of History

- Organised Prof. P S Zacharia Endowment Lecture on 9th March 2023. The Manager of the College Rt Rev. Thomas Mar Timotheous Episcopa inuagurated the programme. Dr. Sanal Mohan O was the resource person. He delivered a lecture on “ Transforming Everyday: Global Missions in Kerala”

Department of Economics

- 26th Annual Lecture on ‘*Future of Kerala Migration amidst Post-COVID*’ was delivered by Dr. S. Irudaya Rajan, Chairman, International Institute of Migration and Development, Thiruvananthapuram on 24th February 2023.

Department of Commerce

- **Three day webinar** organised from 30th November 2022 to 02nd December 2022 based on the theme “Financial Innovation: Expedient for new innovation era”. Dr. K S Chandrashekhar, Dean & Head, Department of Management, University of Kerala inaugurated the webinar. Dr. Gabriel Simon Thattil – Head, Department of Commerce, University of Kerala, Dr.Biju T, Associate Professor, Department of Commerce, University of Kerala, Dr. G. Raju, Professor, Department of Commerce, University of Kerala were the resource persons.
- An **invited talk** on the topic “Crypto Currencies: Fundamentals, Pitfalls, and Challenges” was organized on 13th September 2022. Dr. S Santhosh Kumar, Professor, School of Management Studies, CUSAT served as the resource person.
- Conducted an annual lecture - **BUDTALK** - An analysis on Union Budget 2023 on 13th February 2023. Santhosh T Varghese, HoD, Department of Economics, Maharaja’s delivered the main talk.

Dept. of BioSciences

- **Eminent Guest Lecture Series:** This is a bimonthly flagship lecture series organized with an objective to bring to our college, renowned dignitaries who made outstanding contributions in industry, academia and research. The first lecture of the series was held on 30th November 2022. Dr. Joshy Jacob, Professor, Department of Microbiology and Immunology, Emory University School of Medicine, Atlanta was the invited speaker.

19. SEMINARS/CONFERENCES ATTENDED

Department of English

Dr Susan Thomas

- Two day National Level workshop on “Transformation through NAAC Accreditation Process for Higher Educational Institutions and Health Science Institutions” organized by IAE, Hyderabad on 20th and 21st June, 2022.
- One day seminar on “Literature of Resistance : Gender, Caste and Equality in South India” organized by Centre for Literary Studies, St. Thomas College, Kozencherry on 16th December, 2022.
- A Symposium on NAAC accreditation titled *Excellentia -23* organized by the Department of Higher Education, Government of Kerala on 10th February 2023 at Rajagiri college, Aluva.

Department of Mathematics

- Anu Ann James participated in the Seminar on Algebraic Graph Theory

Department of Botany

- **Dr. Jacob Thomas** participated in the International Webinar on **Enthralling Orchids** conducted by SVRNSS College, Vazhoor on 12th March 2023.
- **Reethu Mariah Jacob**- International seminar on Modern Perspectives in Biological Sciences, Organised by Govt. Victoria College, Palakkad from 28th Feb to 6th March, 2023

Department of Zoology

- Dr. Susan Thomas Participated in One National Level Webinar and One International Seminar.

Department of Political Science

Sony Achamma Thomas

- Participated in CPPR International Conference on Indo Pacific: Vistas for India –Japan Relationship Conducted by Centre for Public Policy Research in Eranakulam

Department of Commerce

Raison Sam Raju

- Presented a paper titled “Awareness and attitude on ethical decision making in accounting education – A study among B. Com students “ in 44th all India Accounting conference and international seminar on accounting education and research organized by School of commerce and Business studies, Jiwaji University, Madhya Pradesh on 29-30th October 2022.

Anju Mariam John

- Presented a paper titled “Money Consciousness among college students” in the international conference on “Dynamic business environments” held at St.Josephs Institute of Management, on January 9, 2023

20. PUBLICATIONS OF RESEARCH PAPERS / BOOKS:

Dept. of English

- Prof. Ann Mary Raju published a research paper “The native Voice Protest and Retaliation: A Study of Sherman Alexie’s *The Powwow at the End of the World*” in the UGC CARE listed Journal of the Asiatic Society of Mumbai, vol. 95, 2002. ISSN 0972-0766.
- Prof. Ann Mary Raju published a research paper “The Invincible Soul of the Indian: A Reading of Gerald Vizenor’s ‘Guthrie Theater’” in *Writers Edition*, 15 May 2022.
- Prof. Sheeba K. Jacob published a research paper: “Trauma Narratives: A Therapy for Re-Constructing Body and Identity” in the UGC CARE listed Journal of the Asiatic Society of Mumbai, vol. 95, 2002. ISSN 0972-0766.

Dept. of Malayalam

- Dr Shiny Thomas published six literary articles in various books

Dept. of Hindi

- Dr Sreelatha P.V, Dept. of Hindi published a poem in Kerala Kaumudy.

Dept. of Physics

- **Dr. Noble P. Abraham and Thomas E**
 - Relationship between sunspot number and seasonal rainfall over Kerala using wavelet analysis, - J. Atmos. Solar-Terrestrial Phys., 240, 105943 (2022) ISSN 1364-6826 (Impact Factor 2.119)
 - Wavelet Analysis of Annual Rainfall over Kerala and Sunspot Number, - New Astr. 98, 101944 (2023) ISSN 1384-1076 (Impact Factor 2.096)
- **Dr. Jiji Varghese**
 - N.R Aswathy, **Jiji Varghese**, Shree Ranjini Nair, R.Vinodkumar, Structural, optical, and magnetic properties of Mn doped NiO thin films prepared by sol-gel spin coating, Materials Chemistry and Physics, 282, 125916, 2022
 - N.R Aswathy, **Jiji Varghese**, R.Vinodkumar Photocatalytic degradation of malachite green using vanadium pentoxide-doped NiO thin films by sol-gel spin coating, The European Physical Journal Plus, 137(12): 1344, 2022

Book Chapter

- **Dr. Anju K Nair**
 - 1) Carbon Nanotubes for Nanoelectronics and Microelectronics Devices-Handbook of Carbon Nanotubes-Springer Nature, https://doi.org/10.1007/978-3-319-70614-6_33-1, 2022 August, 1-33
 - 2) Magnetic Nanoparticles in Healthcare-Mechanics and Physics of Porous Materials-Apple Academic Press-Accepted and In press-ISBN hard: 978-1-77491-465-6.

Department of Chemistry

➤ **Dr. Nebu John**

Published an article “New trends in gold nanostructure-based SERS substrate: From fundamental to biomedical applications, NebuJohn^{al} AnslinT.M’ Vibrational Spectroscopy, Volume 124, January 2023, 103477.

Books edited by faculty

➤ **Dr. Merin Sara Thomas**

- Edited a book titled Nanotechnology for Environmental Remediation. John Wiley & Sons, 2022, (Thomas, Sabu, Merin Sara Thomas, and Laly A. Pothan, eds. Nanotechnology for Environmental Remediation. John Wiley & Sons, 2022.
- Edited book on Advanced Microscopy: A Strong Analytical Tool in Materials Science ,Apple Academic Press, 2022.

➤ **Dr. Reenamole G.**

- Edited a book chapter “Metal Oxide Nanomaterials for visible Light Photocatalysis” in the book titled Emerging Nanomaterials for Catalysis and Sensor Applications, Published by CRC Press

Dr Ajesh K Zachariah

- Published a science article in Luca Online Magazine

Department of BioSciences

- Dr. Anoop Vijayan has published a research paper in International journal of Cardiology Hypertension

Department of Botany

➤ **Dr. Neeta N. Nair**

Meritty Jacob and Neeta N. Nair – Antifungal activities of selected leaves extracts on *Aspergillusniger* van Tiegh .isolated from *Vignaunguiculata*(sub sp. sesquipedalis L. Verdcourt) .**J. Mycopathol . Res** 2022,60 (4): 593-595. ISSN 0971-3719 (Peer reviewed and UGC – CARE enlisted Journal 2022

➤ **Dr. Jacob Thomas**

- 1. Gokul G Nair and **Jacob Thomas**. A New Species of Black Mildew Causing Fungus *Meliolakonniensis* (Meliolales) from Agasthyamalai Biosphere Reserve, India,**Phytotaxa**.**2022**.545(2):224-228. <https://doi.org/10.11646/phytotaxa.545.2.11> (Scopus indexed, Peer reviewed and UGC – CARE enlisted Journal 2022)
- 2. Gopinathan Nair Gokul&**JacobThomas** . First Report of *Meliolapanici* on *Ottochloanodosa*(Kunth)Dandy (Poaceae) . **Journal of Threatened taxa**. 2023, 15 (2): 22761-22763. ISSN 0974-7893(Scopus indexed, Peer reviewed and UGC – CARE enlisted Journal 2022)
- 3. NishaMathew ,**Jacob Thomas** and Gopinathan Nair Gokul. A new species of *Ectendomeliola*(Meliolales,Meliolaceae) fromWestern Ghats , India .**J. Mycopathol . Res**2022, 60 (2) : 263-266. ISSN 0971-3719(Scopus indexed, Peer reviewed and UGC – CARE enlisted Journal 2022)

4. Presented a Poster on *The weeds of the fungal kingdom: foliicolous fungal hyperparasites in Azhutha Range, Periyar Tiger Reserve, Kerala* in International Conference on “Emerging Trends in Plant Science Research organized by PG and Research Department of Botany, Catholicate College, Pathanamthitta on 6th and 7th of March 2023.

Department of Zoology

- Mintu Ann Varghese and **Susan Thomas** (2023). *J. Exp. Zool. India*. Vol.26(1)
- Sindhura Sasi, **Susan Thomas** and Ann Mary Jacob (2022). *J. Exp. Zool. India*. Vol.25(2).
- Mintu ann Varghese, **Susan Thomas** and Ann Mary Jacob (2022). *J. Exp. Zool. India*. Vol.25(2).
- Surya Baby S and **K Raju Thomas** (2023) *Zeichen journal*. Vol 9 (2)
- Surya Baby S and **K Raju Thomas** (2023) *IJCRT* Vol. 11(2)

Department of History

- **Dr Mathew Sam** - Published two research articles in peer reviewed journals.
- **K M Vishnu Namboodiri** - 3 research publications in internationally reputed journals
- **Agney G K** - Published two articles in UGC CARE listed journals

Department of Economics

- Prof. Anoop Koshy George published a paper titled ‘*A Study on Helath Insurance Acceptability Among Salaried Individuals with Special Reference to Mannar Panchayat, Alappuzha District, Kerala*’ in Shanlax International Journal of Economics (Vol. 11, Issue 2, March 2023)
- Prof. Anoop Koshy George published a paper titled ‘*Womens Autonomy in Own Healthcare Decisions in India-A Study based on NFHS*’ in Third Concept (Vol. 37, Issue 433, March 2023 page; 105-111)
- Dr. Liji Samuel published a paper titled ‘*Production and Marketing Process of Coir Industry: A Case Study of Alappuzha District*’ in Journal of Emerging Technologies and Innovative Research (Vol. 11, Issue 1, December 2022)
- Dr. Liji Samuel published a paper titled ‘*Generation and Utilization of Solar Photovoltaic Energy by Cochin Internation Airport (Limited): An Economic and Environmental Analysis with Retscreen Expert Software*’ in Journal of Emerging Technologies and Innovative Research (Vol. 9, Issue 7, July 2022)
- Prof. Georgi Mathew Varughese published a paper titled ‘*Priority Sector Lending and Affordability of Education: Scope and Challenges*’ in Journal of Emerging Technologies and Innovative Research (Vol. 9, Issue 6, June 2022)

Publications by students

- Ms. Megha Krishnan, MA Economics 2020-`22 batch published a paper on ‘*A Study on Helath Insurance Acceptability Among Salaried Individuals with Special Reference to Mannar Panchayat, Alappuzha District, Kerala*’ in Shanlax International Journal of Economics (Vol. 11, Issue 2, March 2023)
- Ms. Karthika S Nair, MA Economics 2020-22 published a paper on ‘*Production and Marketing Process of Coir Industry: A Case Study of Alappuzha District*’ in Journal of Emerging Technologies and Innovative Research (Vol. 11, Issue 1, December 2022)

Research publications by Research Scholars

- Mrs. Ammu K. published a paper on ‘*Spirited Central Banking versus Democratic Politics*’ in IOSR Journal of Economics and Finance(Vol.14, Issue 1, Ser.1, Jan-Feb 2023)
- Prof. Anishkumar P.T. published a paper on ‘The Impact of climate change on Paddy Production in Kuttanad Region Kerala’ in IJIRT (Vol.9, Issue 2, July 2022)
- Mr. Alert Mathew Joseph published a paper on ‘*Challenges to Sustainable Reintegration of Return Migrants into Kerala Labour Markets*’ in Shodhghaghara: Innovation and Practices in Multidisciplinary Research for Global & Sustainable Development (Multi Spectrum Publications, October 2022, ISBN:978-93-94428-36-2)
- Aloshious Xavier published a paper titled ‘*Literacy, financial literacy and economic development of tribal communities in Kerala* in Rabindra Bharathi Journal of Philosophy. ISSN :- 0973-0087 vol XXIII No.18, August 2022

Department of Commerce

- **Jeby M Johnson**: - Published a book chapter titled “Revival Measures of SIDBI in the COVID19 Pandemic era” in Edited book “Ease of Doing Business- Practices and strategies during COVID19 pandemic period” published by Abhijeet Publications, Newdelhi.

Department of Bio-Sciences

- Aswathy C. Ashok and **Harish. R.** (2022). Laboratory diagnosis of novel human coronavirus (SARS-CoV-2) infections-a review. *American Journal of Life Science and Innovation*. **1**(2). 29-42.
- Letha P. Cherian, **Harish, R.** and Steffy, R. (2023). Qualitative risk assessment of microbial indicators in the lower reaches of Meenachil River, Kerala, India. *Applied Ecology and Environmental Sciences*, **11**(1). 8-14.

21. PAPERS PRESENTED/ INVITED TALKS

Department of Mathematics

- Dr Roshan Sara Philipose was the keynote speaker in the National webinar on Algebraic Graph Theory organised by Dept. of Mathematics, Prem Chand Markanda S.D College for Women, Punjab on 20th April 2023.

Department of Hindi

- Dr. Litty Yohannan participated & presented a research paper (Abdul bismillah Ke Upanyason Mein Samajik Yatharth Ke Vividh Aayam) in national seminar conducted in CUSAT on 28 october 2022.

Department of Physics

- Dr. Noble P. Abraham, Resource Person, Lecture Series on Research Methodology, Sacred Heart College, Thevara.
- Dr.Arun Vinod has delivered an invited Talk at Parul University, Gujarat on the topic, “Trends in Nanoscience & Application: An Experimental Perspective” on 03 Aug 2022.
- Dr. I. John Berlin, Anjana S Raj & Jubia Susan George: Accepted for paper presentation and ISBN Journal in “International Conference on Emerging Trends in sustainable Materials and Applications” Organized by Department of Physics &

Research Centre, Nesamony Memorial Christian College, Marthandam, Tamilnadu
“Comparative studies on various metal doped ZrO_2 thin films prepared by Sol-gel dip coating method”

- Dr. I. John Berlin, Anjana S. Raj: “Synthesis and Characterization of magnetic metal doped with metal oxides Nanoparticles by Sol-gel Method”
- Dr. I. John Berlin, Jubia Susan Geroge, Sreya – One paper

➤ **Vineeth S (Research Scholar)**

- Presented a poster titled “Soliton Solution Of Kdv Equation in Dusty Plasma Systems Using Fourier Transform”, at **Committee on Space Research (COSPAR-2022)** 44th Scientific assembly held on July 16th to July 24th, 2022 in Athens, Greece.
- Presented a poster titled “Dust Acoustic Rouge Waves in a Cometary Plasma Environment”, at 37th National Symposium on Plasma Science & Technology (PLASMA-2022) held on 20th - 22nd December 2022 in IIT Jodhpur organized by The Plasma Science Society of India

➤ **Elizabeth Thomas (Research Scholar)**

- Fellowship Awarded : Savitribai Jyotirao Phule Single Girl Child Fellowship (UGC) , 2022
- Presented a poster on the topic “Periodicity of Sunspot Numbers and Rainfall over Kerala Using Wavelet Analysis” at 21st National Space Science Symposium conducted by IISER Kolkata during 31st January to 4th February 2022.
- Presented a poster on the topic “Periodicity of Sunspot Numbers and Rainfall over Kerala Using Wavelet Analysis” at ASI-2022 Conducted by IIT Roorkee and ARIES Nainital during 25th to 29th March 2022.
- Delivered an invited talk on “Impact of Solar Activity on Local Climate” at St. Dominic’s College, Kanjirappally on 7th October 2022.
- Presented a paper titled “Solar Activity and Rainfall: A Distinct Relation” and won First prize and Excelsior award at National Conference RICERCA-2022, organized by IQAC and research committee, St. Joseph's College for Women, Alappuzha during 27th September - 1st October 2022.

Department of Chemistry

➤ **Anitha George Varghese**

- Presented a paper entitled “Turning coconut husk waste into nanocellulose for remediation of methylene blue from wastewater” at the National Seminar on Advanced Functionalized Materials for Analytical, Environmental and Biomedical Applications (NSAFM-2022) on 23-25 March 2022 at the University of Kerala, Thiruvananthapuram.
- Presented a paper entitled “Extraction of Nanocellulose from various Biomass sources for the analysis of Antimicrobial property” in an International Conference on new Frontiers & Developments in Chemistry (NFDC-2023) held at Catholicate College, Pathanamthitta on 6th and 9th January 2023.

➤ **Dr. Josmin P. Jose**

- Resource person Vimala College, Trissur on Philosophy of Chemistry in association with Chemistry Association Inauguration

- Resource person in National Science Day -2022 on the topic Science for a Sustainable Future: Scope of Nanotechnology, Sree Sankara College, Kaladi
 - Resource person for the invited talk in value added course on Recent Trends in Materials Science- Macro to Micro in August 2022 at M G University, Kottayam
- **Sreen Thomas**
- Presented a paper (Oral Presentation) at International Conference on Materials - Properties, Measurements and Applications at Fathima Matha College, Kollam held during 9-5-22 to 13-5-22.
 - Presented a paper (Oral Presentation) at Advanced Functionalised Materials for Analytical, Environmental and Biomedical Applications at Department of Chemistry, University of Kerala at Fathima Matha College, Kollam held during 23-3-22 to 25-3-22.

Department of Botany

➤ **Dr. Neeta N. Nair**

- Delivered an invited talk on the topic “The diverse and colourful world of fungi : A Glance – A seminar on Identification of commonly ignored fungi at Christian College Chengannur on 8th December 2022 .

➤ **Mr. Renosh Tom Varghese K. –**

- Delivered a lead lecture in the seminar on Genetic Engineering for students of Standard IX and X and Teachers on 30-09-2022 at Mar Thoma Central School. Kaviyoor.
- Attended 2 day Nature camp at Periyar Tiger Reserve, Idukki from 9-3-2023 to 10-3-2023 organized by Dept. of Forests and Wildlife, Govt. of Kerala.

➤ **Dr. Jacob Thomas**

- Participated in the International Webinar on Enthralling Orchids conducted by SVRNSS College, Vazhoor on 12th March 2023.
- Attended 3 day Nature camp conducted at Shenduruy Wildlife Sanctuary, Kollam from 1-12-2022 to 3-12-2022 organized by Dept. of Forests and Wildlife, Govt. of Kerala
- Attended 2 day Nature camp at Periyar Tiger Reserve, Idukki from 9-3-2023 to 10-3-2023 organized by Dept. of Forests and Wildlife, Govt. of Kerala

➤ **Mrs. Susan Kuriakose**

- Delivered an invited online talk on the topic “ The importance of wetlands and its restoration” at NSS College Cherthala conducted by Nature Club in connection with World Wetlands Day 2023 on 3rd February 2023.
- Served as a Resource Person for Orientation Programme for D1 Students organised by the Department of Botany Baselius College, Kottayam on 13.10.2022.
- Presented a Poster (The weeds of the fungal kingdom: foliicolous fungal hyperparasites in Azhutha Range, Periyar Tiger Reserve, Kerala) in International Conference on “Emerging Trends in Plant Science Research” 6th and 7th of March 2023.
- Attended 3 day Nature camp conducted at Shenduruy Wildlife Sanctuary, Kollam from 1-12-2022 to 3-12-2022 organized by Dept. of Forests and Wildlife, Govt. of Kerala
- Attended 2 day Nature camp at Periyar Tiger Reserve, Idukki from 9-3-2023 to 10-3-2023 organized by Dept. of Forests and Wildlife, Govt. of Kerala

➤ **Jincy P Abraham**

- Attended 2 day Nature camp at Periyar Tiger Reserve, Idukki from 9-3-2023 to 10-3-2023 organized by Dept. of Forests and Wildlife, Govt. of Kerala

Department of Zoology

- Dr. Raju Thomas K (Resource Person in a state level workshop)
- Dr. Susan Thomas (participated in a State level Poster Presentation)

Department of History

- Agney - Presented papers in 3 national seminars

Department of Political Science

- **SONY ACHAMMA THOMAS**
 - Presented a Research paper on “Impact of India –Japan relations in the indo Pacific” in the National Seminar Conducted by Central University of Kerala School Of Global Studies, Trivandrum
 - Presented a Research paper on “Role of India and Japan in Sri Lanka’s Economic Turmoil” in the International virtual conference on The Aftermath of Political Protest: Where do Sri Lanka Stand Today? Conducted by National Institute of Advanced Studies(NIAS) Bangalore.

Department of Commerce

- **Lt. Raison Sam Raju**
 - Delivered main talk on “Opportunities and Challenges of AGNIPATH Scheme” organised by the St. Mary’s HSS, Niranam on 17 october 2022.
 - Delivered main talk on the orientation programme for the first-year students organised by the KTCT College of Arts and Science, Varkala on 9th February 2023
- **Anju Mariam John**
 - Took a session in the webinar on topic “Migration in India” organized by the Labour Migration unit of Indian Social Institute, Bangalore on 23 January 2023.

22. MAJOR/MINOR PROJECTS:

- Aswathy G Babu, Research Scholar at the Department of English, secured MRC research Grant 2022-23 of the Asiatic Society of Mumbai for the project “Cuisine and Cultural Artefacts: A Comprehensive Inquiry into the Significance and Current Stature of Bombay Jews.
- Dr Josmin P. Jose (Chemistry) – Rs 46 Lakhs has been sanctioned by DST for DST Indo-Slovenia Joint Major Project “Facile Preparation of superhydrophobiccellulose nanofibres and compounding with PLA for packing applications”. MG University Kottayam and Jozef Stefan Institute, Slovenia are the collaborators.
- Dr Reenamole G, Department of Chemistry got a DST TARE-SERB Fellowship of Rs. 21 lakh to work on Dye sensitized Solar Cells.
- Minor project: Medicinal Plant Garden Project funded by State Medicinal Plant Board, Govt. of Kerala (Rs. 50000) during the year 2023 (PI – Dr. Jacob Thomas, CoPI – Mrs. Susan Kuriakose)

23. AWARDS/ HONOURS/ POSITIONS HELD:

The following faculty members were awarded with Doctoral degree in the academic year 2022-2023.

Sl. No.	Name	Designation	University
1	Dr. Mathew Sam	Assistant Professor, Dept. of History	Calicut University
2	Dr. AnoopVijayan	Faculty Bio-Sciences	M G University, Kottayam
3	Dr. Jiji Varghese	Guest Faculty Dept. of Physics	University of Kerala
4	Dr Bincy Varughese A	Guest Faculty Dept. of Commerce	SRM Institute of Science and Technology, Chennai
5	Dr. Asharani A	Guest Faculty Dept. of Political Science	University of Kerala

The following faculty members were honoured with awards and recognitions during the academic year 2022-2023

Sl. No.	Name	Department	Descriptions
1	Dr. Ajesh K. Zachariah Assistant Professor	Chemistry	Short film” Pratibimbam” received Third Prize in Chaya Film Festival directed by Dr. Ajesh K .Zachariah
3	Dr. Josmin P. Jose Assistant Professor	Chemistry	Patent Intellectual Property India Granted to Dr. Josmin P. Jose titled “Designing of Superior Nanodielectric XLPE/Al ₂ O ₃ Nanocomposite. Patent No. 419486
4	Dr. Reenamole G Assistant Professor	Chemistry	Kairali GaveshanaPuraskaram instituted by Kerala State Higher Education Council, Government of Kerala. Award consists of Rs. 1 Lakh and citation along with Rs. 24 lakh research fund
5	Dr Shiny Thomas Assistant Professor in Malayalam	Malayalam	Received Kavyadhra Award for Poetry Instituted by MalayalaSahithyaChurchavedi, Thiruvananthapuram

- Prof. Nijin K. Mathew, Dept. of Commerce has been nominated by the DCE, Govt. of Kerala as the District coordinator of K-DISC for the implementation of Young Innovators Programme.
- Lt. Raison Sam Raju
 - ❖ Cleared departmental test conducted by the Kerala Public Service Commission
 - ❖ Completed Post Graduate Diploma in Higher Education
 - ❖ Member – District Innovation Council, Govt. of Kerala
 - ❖ Programme Committee chairman of M G University Youth Festival held at Pathanamthitta from 1-5th April 2022
 - ❖ Procession Committee convener of EUNOIA – M G University Academic carnival held at Kottayam from 17-19 January 2023.

24. EXAMINATION BOARD/ QUESTION PAPER SETTING

The following faculty members have served Chairman /Vice Chairman of the Examination Board / Viva Board and in the Board of Examiners for question paper setting.

- **Botany:** Dr Neeta N. Nair, Prof. Renosh Tom Varghese K
- **English:** Dr Susan Thomas
- **Commerce:** Lt. Prof. Raison Sam Raju

25. NIRF RANKING

Prof. KM Vishnu Namboodiri, Department of History is the Co-ordinator of the NIRF Ranking process of the College. Prof. Anoop Koshy George and Prof. Agney G. K served as the Joint co-ordinators.

26. COLLEGE / University EXAMINATIONS

In the restructured credit and semester system internal examinations are statutory examinations for all UG and PG Programmes. The College, therefore, conducts internal examinations for each semester. Dr. Antu Annam Thomas, Department of Computer Applications is the convener and Prof. Agney G. K, Department of History is the joint Convener of the Examination Committee. Centrised internal examinations were conducted for first year and second year degree students. Dr Jacob Thomas, Department of Botany serves as the Assistant Superintendent of University Examinations.

27. MENTORING AND REMEDIAL COACHING

Mentoring

The college has a mentoring system to mould the young adults. The Mentoring Committee, led by Dr Liji Samuel carried out the work, allotting mentors to all the UG students in the college. In association with the IQAC of the College, a mentor – mentee register was introduced in this year and given to all teachers of the College. *On 12th January 2023, a talk on mentoring “Effective methods and Strategies” was arranged for the teachers. Dr Sam C Joy Asst. Prof. Titus II Teachers training College was the resource person.*

Remedial Coaching

Remedial classes were provided to slow learner students. Slow learners are identified for enhancing their capacity to perform better in the university examinations. Each department has engaged the classes for these students during free hours and zero hours in the college. Innovative techniques were implemented this year to aid comprehension and active student

participation. Students were also encouraged to practice peer teaching-learning method which they found fruitful. During the sessions, doubts were cleared and suggestions for improvements were made. The individual departments are maintaining separate registers for remedial coaching. Prof. Jijo John Varghese, Department of English serves as the convener of Remedial coaching.

28. ACHIEVEMENTS IN SPORTS AND GAMES

1. Women's Hockey Team of the College is the Runners's up in the Nawabjan Memorial All Kerala Womens's Hockey Tournament Held at G V Raja Sports School on 25th September.
2. The Best Senior Women Player Nisari K (3rd year BA History) by the KFA for the year 2022-2023 is the Goal Keeper of the college Football Team.
3. Ms. Nisari K, 3rd year B.A History has been selected to the Indian Senior Women Football Team to be held at Uttharkhand during March 2023.
4. Mr. Sarath Babu (Bsc. Phy) Got Second Position in M G University Karate Championship Held at B C M College Kottayam.
5. Football Women Team of the College is the Champion's on the M G University Football Intercollege Competiton held at U C College Aluva. It's 29th year Continuously Marthoma College Winning M G University Championship.
6. Hockey Women Team M G University Intercollege Runners's up 2022-2023.
7. Hockey Women Team – Winners of M G University Inter College Hockey 11's 2023
8. All India Magnum Hockey Women Tournament –Runner's Up
9. Cricket Men Team of the College is the Winners of Interzone Cricket Pool Champions of M G University.
10. Reliance Foundation Intercollege League Championship Ambadi P (2nd year B.com) Received Golden Ball and Golden Boot.
11. Reliance Foundation Intercollege League Championship –Sonu T Chandran Received Golden Glove 3rd Year History.
12. Football Men Interzone Winners of M G University 2022- 2023
13. Netball Men Team Intercollege Winners M G University Held at Assumption College Changanassery
14. Winners – 26th Dr A K Baby Memorial All-Kerala Hockey Tournament conducted by UC College Aluva on 10th March 2023.
15. Mrs. Anjalikrishnan G, Hockey Coach of the College represented by Indian team of International world master's games held at UK (Nottingham) under 35+ women category during 12th August 2022 to 21st August 2022.

29. WOMEN EMPOWERMENT CELL& WOMEN'S CELL

Women Empowerment Cell is the Cell for the Prevention of Harassment against Women. Prof. Sony Achamma Thomas served as the convener of the cell. The Women's Cell aims at making women aware of their rights and duties. It provides a platform for women to share their views, experience about gender inequalities, their status in society and ways to empower themselves. Prof. Anitha George Varghese served as the Convener of Women's cell. Both cells organised special motivational lectures for the women students. Ms. Lakshmi Shankar,

3rd DC English served as the student editor of the manuscript magazine entitled 'Azadi' for this academic year.

1. The Women Cell, Women Empowerment Cell together with Mar Thoma Suvisesha Sevika Sangam organised a motivational cum counselling session entitled “Hey girl, tomorrow needs you” for the first year girl students of UG & PG programmes on 20th September 2022 at 1.30 pm in the college Auditorium. Mrs.Pushpa J Punnamdom, Student Counsellor of SCHSS, Tiruvalla was the resource person for the session.
2. A Social Skill Training Session “ What is actually in my bag” was conducted on 25th January 2023 at 1.30 pm in the College Auditorium for the 2nd year UG students of the College. Mrs Susan Abraham, IELTS Trainer & Social Media Influencer was the resource person.
3. A self defence training programme was organised for the girl on students of the college on January 31st 2023 at 2.30 pm in the college Auditorium. The Women’s Wing of the PTA District Police offered the training programme. About 80 girls students participated in the training programme.
4. As part of Women’s Day celebrations, a flash mob and rally were organised on March 8th 2023 propagating the role of women in today’s society. A talk on ‘Embrace Equity’ was conducted on March 10th at 11.30 am in the College Seminar Hall. Dr. Mary Matilda, Life Skills Trainer and Retd Principal, Maharaja’s College was the resource person. The Women’s Cell manuscript ‘Azadi’ was released by the Chief guest, Dr. Mary Matilda.

30. NCC

Academic year 2022-23 was an exciting year for National Cadet Corps, Mar Thoma college unit as it was saturated with very many programs, camps and other events. Lt. Raison Sam Raju, Assistant Professor in Commerce and Company Commander of this NCC unit has led the unit in this academic year with lot of activities apart from routine under the able commandership of Col. M S Sachdev, Commanding Officer, 15(Kerala) Bn. The commanding officer and staff of 15 (K) Bn. NCC was kind enough to pay special attention and care to MT college unit in all its activities and programmes.

MAJOR ACHIEVEMENTS OF CADETS FROM INSTITUTION DURING 2022-23

Sl. No.	Name of the Cadet	Activity
1	U/O.Joshua Raju George	Selected for National Republic Day Camp 2023
		Awarded DGNCC Commendation Card for the best performance in RDC.
		Second Prize in Best Cadet Competition organized by the St.Peters College, Kolencherry
		First place in best cadet competition as part of Republic Day Camp – Inter Group level
2	U/O. Pooja Purushothaman	Selected for Army Attachment Camp organized by Madrass Regiment of Indian Army
3	Sgt.Risniya S Navas	Selected for Army Attachment Camp organized by Madrass Regiment of Indian Army
4	U/O/Bineesh N B	Selected for Army Attachment Camp organized by 23 Marathali Regiment of Indian Army
5	Sgt.Albin Roy	
6	Sgt.Vyshakh K N	
7	Sgt.Akhil Mohan	
8	Cpl.Ajin Philip	Selected for Army Attachment Camp organized by

09	L/Cpl.Anandhu M A	11 Madras Regiment of Indian Army
10	L/Cpl. Aromal S	
11	Sgt.Christy Jose Reji	Selected for All India Trekking Expedition organized by the Andhra Pradesh & Telangana NCC directorate
12	SUO.Bobin Babu	Selected for Ek Bharath Shresta Bharath (EBSB) Camp held at Ujjain, Madhyapradesh
13	CSM.Adhitya Jayan	Selected for Rock Climbing Training Camp held at Gwalior
14	U/O.Ashly Anu Varughese	Selected for Rock Climbing Training Camp held at Gwalior
		First in dance performance & Best cadet achievement in NCC - K&L directorate
15	Cpl.Juliet Jishi	Selected for Super 30 – SSb Coaching Capsule organized by NCC at State Level

MAJOR ACHIEVEMENTS OF NCC UNIT DURING 2022-23

- First Prize in M.G University youth festival Procession.
- Overall, Champions of AGARWA-2K22 – National NCC Fest conducted by Baselios College, Kottayam
- Consolidation prize in state level short film competition conducted by Dept. of Higher Education – Govt. of Kerala
- Rt.Rev.Thomas Mar Timotheous, Manager of the college inaugurated the new NCC office on 16 December 2022.
- Conducted PRAKAMB 2K23 – NCC inter college fest on 04th March 2023

SOCIAL SERVICE ACTIVITIES CONDUCTED DURING 2022-23

- NCC organized anti-drug campaign in association with Vimukthi mission-campaign launched by the Government of Kerala on 23rd March 2022. As part of the campaign, conducted flash mobs on KSRTC & Private Bus stand. Tiruvalla.
- NCC organized Rainy season disease prevention activity in attumally colony, Tiruvalla in association with primary health centre, Govt of Kerala on 31May 2022. Dr. Reginold Varughese, Ward councilor inaugurated the event. As part of the prevention activity, NCC conducted awareness rally, house visit and notice distribution.
- NCC celebrated World environment day celebration in association with Indian railway on June 05, 2022. NCC planted trees in Tiruvalla railway station and cleaned the station premises.
- NCC celebrated international yoga day on 21 June 2022. Yogacharya Sudheesh Kumar N, Director, Pytric School of Yoga delivered an invited talk on “Common Yoga Protocol.”
- NCC and Department of Bio Science jointly organized a water Analysis camp on 25th June 2022. Smt. Shanthamma Varughese, Municipal chairperson inaugurated the event. Smt.Mini K U, Ex. Engineer, Kerala Water Authority was the chief guest. As part of the camp, tested the drinking water brought from various houses in the Tiruvalla municipality.
- NCC cadets of Mar Thoma College Tiruvalla donated vegetables, Clothes and cleaning materials to the flood relief camp at St.Thomas school Eruvellipera on 10th August 2022.
- Started “Vishappu Rahitha Tiruvalla” project as part of NCC day celebration. Distributed meals on 26-11-2022 in Tiruvalla town and 27-11-2022 in Taluk hospital, Tiruvalla.

- NCC cadets is distributing meals on every day in Tiruvalla town
- Financial Literacy camp was organized on 03rd December 2022 in association with Lead bank Pathanamthitta – Govt. of Kerala. Brig. Biju Shantharam, Group Commander of NCC group , Kottayam inaugurated the event.
- NCC celebrated 75th year of independence – Azadi Ka Amrithostav through tree planting and food distribution to the poor people.
- NCC organized inter college football match in connection with Anti-drugs awareness campaign and world cup football on 17th December 2022. Smt.Shanthamma Varughese, Muncipal Chairperson inaugurated the event. NCC unit of St Aloysius College, Edathua won the championship.
- NCC organized inter college NCC fest – PRAKAMB 2K23 on 4th March 2023. cadets from 18 schools and 14 colleges participated the event.

31. NATIONAL SERVICE SCHEME

- National Service scheme of Mar Thoma College have started a New Project as “**Ente Boomikkum Bavikkum oru thanal**” and distributed Budding plants to students/staff of the College for their Birthday. Around 300 plants were distributed.
- The National Service Scheme conducted a Food festival for the Fund collection of Home for Homeless project of the College on 22nd March 2022 and collected around Rs. 18,000.
- Observed World Environmental day and planted trees in Orchard on 5th June 2022.
- Created a Freedom wall as the part of 75th Independence day Celebration AZADIKA AMIRTA MAHOLSAVAM. The freedom wall shows the important events during the freedom fight.
- NSS programme officers Dr. I. John Berlin and Dr. Varghese PJ attended 7 day Empanelled Training Programmed Conducted by University of Calicut.
- National Service Scheme celebrated the NSS day on 24th September 2022 and visited an Old age Home Abhaya Bhavan Tiruvalla. NSS volunteers spent one day with the inmates, donated foods and actively participated in the cleaning drive in the old age home.
- NSS Volunteer Ms. Sneha Anil II DC Commerce attended National Youth festival held at Hubly, Karnataka and got 3rd place in cultural Activities.
- NSS Volunteers donated blood for the needey in nearby hospitals.
- Organized various programmes for Anti- Drug awareness in the college campus.
- Organized an Anti- Drug Awareness programme in the form of Street Drama in association with Child and Women Protection Department Pathanamthitta and Played in KSRTC Bus Stand, SC School Tiruvalla and Balikamadom School Tiruvalla. The programme was inaugurated by Mrs. Sreya Nagarkotti IAS Sub Collector, Tiruvalla.
- NSS volunteers participated in children’s day celebrations Rally conducted by DAC, Government Taluk Hospital, Tiruvalla and Aleena Sara Varghese and Lena Elizabeth Johnson Score 2nd Place in Poster Presentation competition and 3rd place in Rally Competition.
- National Service Scheme in association with Skill Development Center, Department of Physics Provide the Hands on Training on Electrical Equipment Maintenance and LED light making.
- On 30th September 2022, NSS units launched a scheme which distributes lunch for needy people.
- Ten NSS Volunteers has taken duty during Sabarimala pilgrimage season.
- Some NSS volunteers took part in the cleaning drive during Maramon Convention.

- Two days Orientation programme for first year NSS volunteers was conducted on 29th October 2022 and 30th October 2022. The Changanacherry MLA, Adv. Job Michael inaugurated the programme and Prof. Sachin Babu, District NSS Coordinator Catholic College Pathanamthitta was the resource person.
- Visited departments as part of Christmas celebration and donated a Christmas gift to one needy family.
- Conducted a one day Eye Check-up camp in association with Medical club of college and Idimanikkal Optical Tiruvalla.
- Donated a wheel chair for one needy woman.
- NSS units started Millet Cultivation in the College in connection with the international millet year – 2023. Nine types of millets were used for the cultivation.
- NSS units started organic farming on 26th January 2023 in the Bio diversity park of the College.
- As part of Anti- Drug awareness programme, NSS Volunteers created a cartoon wall in front of Jolly silks Tiruvalla in association with Kerala Council of churches.

Dr.I. John Berlin, Dr. P.J Varghese and Asst. Prof. Elizabeth George serves as the NSS Programme Officers.

32. THE BRAINS TRUST

Prof. Manesh Jacob, Prof. Jeby Johnson and Prof. Alex P. Zechariah served as the Directors of the Brains Trust. Conducted a quiz competition on the topic “Contribution, Achievements and life of women” on 10th March 2023. Regular activities of Brains Trust include Debate, Quiz competitions and Annual camp

33. Training for Administrative Service Examination

The College propose to start a civil service academy in association with Prep academy.

34. PTA

The Parents Teachers Association, always a source of inspiration, has proved to be the backbone for the academic activities of the college, extending ample support. Class wise PTA meetings were organized by various departments throughout the year, helping us maintain discipline in the campus. Prof. Aravind Sankar is serving as the PTA secretary

35. FORT

Forum of Retired Teachers has always been an extension wing of the college and support the activities of the College. It is quite heartening to note that most of the former teachers of the college take active interest in the affairs of the FORT.

36. CBCSS and PG CSS

Degree and P G Programmes are offering under Credit and Semester System. Prof. Anoop Koshy George (Economics) and Dr Josmin P Jose (Chemistry) are serving as coordinators of UG and PG Semester System.

37. HOSTELS

The College has two women's hostels providing accommodation to around 300 students. A sports hostel is also functioning in the College. Mrs. Rachel Koshy and Mrs. Anumol Varghese are serving as hostel wardens of the New Hostel and Old Hostel respectively. Onam was celebrated in both the Hostels. The Hostel Day was conducted on 18th March 2023. Dr Vineeth Mathoor, Assistant professor of History, NSS College Changanacherry was the chief guest.

38. OTHER CLUBS / ASSOCIATIONS / PROGRAMMES

1. Photography and Artistry Club

Coordinator. Dr. I. John Berlin, Department of Physics

Dr. Icy K John, Former principal, Mar Thoma College, Tiruvalla inaugurated the Photography and Artistry Club on 13th October 2022 and observed world sight day. An art and craft Exhibition was arranged on the same day. Around 1500 students and staff visited the exhibition. The club also conducted a photography competition on the topic "Beauty of Mar Thoma College". Mr. Vijay Viju Thomas, 2nd B.Com, Nandana R, 2nd B.A History and Muhammed Linishnkan, 1st B.Com got 1st, 2nd and 3rd prizes respectively.

The members of the Artistry club actively participated in Azadi Ka Amirt Maholsavom programmes and created a freedom wall in the College Main Building.

The members of the club has drawn 14 portraits of the famous Drama actors and presented in the Nadaka Kalari organized by the College and MG Soman Foundation. The Club members actively participated in Cartoon wall making progarmme as part of Anti Drug Awareness campain held in Jolly silks Tiruvalla organized by Christian Council of kerala Churches (The programme was inaugurated by the Mar Thoma Metropoliton). The club jointly organize a Painting Competition with nerrettupuram Vallankali Association for Maman Mappilla Trophy.

2. BHOOMITHRASENA CLUB

- ❖ Bhoomithrasena is a club that functions under the Directorate of Environment and Climate Change, Govt. of Kerala, in colleges aiming the well being, harmony and the sustainability of the environment we live in.
- ❖ As part of the Environmental Day Celebrations, The Bhoomithrasena Club organized a lead talk on June 10, 2022 through online platform gmeet. The theme for the environmental day observation was “ഭൂമിയുടെഅന്വേഷണങ്ങൾ”. The speaker was Mr. Manesh Jacob, Assistant professor, Mar Thoma College, Tiruvalla. Students and teachers of various department participated in the theme discussion.
- ❖ A photography competition was conducted for students on the theme “Only One Earth”. Cash prizes for first, second and third places were distributed to Ms. Athiramol P.S of M.Sc Zoology, Ms. Radhika Kannan of M.Sc Botany and Athira P. of M.A Economics.
- ❖ An interactive session for students was arranged with Ms. Syamila P.S (MS Wildlife Studies, Centre for Wildlife Studies, Kerala Veterinary and Animal Science University, Wayanadu, on June 14, 2022. Ms. Shyamila delivered a lead talk and shared her experiences in wildlife photography and reptile training. Ms. Shyamila was a former student of Mar thoma College, Tiruvalla.
- ❖ A photo exhibition was also arranged at the college library corridor. Nature photographs taken by Ms. Syamila P.S, Dr. Shaji Varghese, (Assistant Professor, Dept. of Chemistry, Mar Thoma College Tiruvalla), and the photographs from the student photography competition was also exhibited in the same.
- ❖ Regular meetings and campus trail programmes were also done in this academic year by Bhoomithrasena Club.
- ❖ Bhoomithrasena Club arranged a field visit to the forest of Western Ghats (Nilackal forests of Gavi Division, Pathanamthitta district) for the study of nature trail, butterfly survey and forest fire line making during 18th to 19th March 2023. The field visit helped the students to understand the well-being and rythm of the nature.

Faculty-in-charge : REETHU MARIAH JACOB(Dept. of Botany)

Co- Faculty-in-charge : ALEX P. ZECHARIAH(Dept. of zoology)

3. MEDICAL CLUB

Convener : Dr Sunitha A. Philip, Departmnet of Zoology

- 15th November 2022: Medical club of the College was inaugurated by Rev. Fr. George Valiyaparambil, Director Pushpagiri College of Medicine & Allied Sciences. Dr Betsy A Jose and Dr Joe Abraham, Dept. of community medicine delivered talks on “Rabies-Prevention & Management” and “Introduction to the Health club respectively.
- On 20th January 2023, A Free Eye Check-up camp was organized jointly by the Medical Club & NSS, in association with idimannickal optical Tiruvalla.
- A Cancer Awareness Seminar was conducted on 07-03-2023 on behalf of Medical Club of the College, in association with the Zoology department and GAD-TLC and Indian Cancer Society. Dr Sr. Sampreetha, Senior Resident of Pushpagiri Medical College, delivered a class on Cervical Cancer

4. Science Forum, Mar Thoma College, Tiruvalla

Science Forum Celebrated National Science Day on 28th February 2023. As part of the celebration, a Science Fest was conducted for UG & PG students. Idea Contest M-Think contest, Power point presentation, Photography, Poster designing competitions were organized. M-Think contest is a unique initiative by Science forum to foster the spirit of innovation and

entrepreneurship among the students. The students are encouraged to propose innovative solutions across a broad range of social impact domains and selected ideas will be supported for actualization by seed funding and mentorship.

Mr. Alan K. Reji from Department of Biosciences, Mar Thoma College Tiruvalla secured 1st place in contest held during the National Science Day Celebrations 2023 and he was awarded with Rs. 25,000/- to execute his project. His proposal on 'Development of an Enzyme-based Biosensor for the Rapid Detection of Edible Oil Quality' has been selected as the best among the innovative ideas from the students. Anakha Mohan and Arya P. from Department of Chemistry secured 2nd and 3rd positions respectively

Dr. Josmin P. Jose (convener), Dr. Ajesh K. Zechariah, Dr Harish R., Dr. Anoop Philip Varghese & Prof. Alex P. Zechariah were served as coordinators of different competitions.

5. ANTI-NARCOTIC CAMPAIGN

- On 17th November 2022: Anti Narcotics Campaign Second Phase was started by Playing a street Drama Jointly organized by The NSS and the M. G Soman Foundation.
- On 14th October 2022: As part of the Anti Drug Awareness programme of the College, a one hour debate at class level was held during third hour on the theme "Is Drug Abuse a challenge and a Tragic trend of the Modern Youth", which was moderated by the teachers engaged during that hour.
- On 27th October 2022: A debate competition was conducted by the Anti Drug Cell for the class level winners.
- Kerala Piravi day 2022 Celebration and procession on Anti-Narcotic Campaign was inaugurated by His Grace The Most Rev. Dr Theodosius Mar Thoma Metropolitan in the SCS Ground Tiruvalla on 1st November 2022. His Grace The Mar Thoma Metropolitan and Mr. T. Rajappan, DySP Tiruvalla together flagged off the procession. The procession was from SCS Ground to the College.
- On 17th November 2022: Anti Narcotics Campaign Second Phase was started by Playing a street Drama Jointly organized by The NSS and the M. G Soman Foundation.
- On 20th January 2023: NSS (National Service Scheme) & Kerala Council of Church Jointly organized a Cartoon wall as part of second phase of Anti-drug campaign which was inaugurated by His Grace The Most Rev. Dr. Theodosius Mar Thoma Metropolitan.
- An anti-Narcotic seminar was conducted in the College on 20th March 2023 in association with Kerala state Yuvajana Commission. Adv. P. A. Samad, presided over the meeting. Mr Jiji Vattasseril, Standing Committee Chairman, Tiruvalla Municipality inaugurated the programme. Adv. Jose Kaleekkal, District Coordinator led the class. Dr Varughese Mathew, Principal was the chief guest.

6. PLACEMENT CELL

Placement Officer: Dr Renjith Joseph, Department of English.

- On 23rd July, a campus recruitment drive of AVG Motors was conducted in the campus. Four passed out students were selected.
- On 28th October: Placement cell in association with SBI Life arranged an interview for the post of Development officers.
- On 18th November: A recruitment drive was arranged in association with ICICI Bank for UG 2019-2022 batches.
- A work-readiness training programme was conducted from 13th February 2023 to 15th February 2023 in connection with the project titled "Thozhilarangethu" of Govt. of

Kerala. Kerala Knowledge Economy Mission was the organiser and ASAP was the training partner. More than 100 girl students of final year UG & PG programmes attended the training programme. On 14th February 2023, Rev. Dr. Abraham Mulamootil took the class on “Date with an Industry”.

7. CAREER DEVELOPMENT PROGRAMMES

On 12th December: Career Development Seminar was arranged. Mr. J F Salim, Employment Officer, Pathanamthitta delivered the keynote address. Classes led by Career Expert S Ratheesh Kumar.

On 17th January: A Career Guidance Awareness programme for the students of Economics was arranged. Prof. Ajmal S Phoenix Academy was the Resource person.

8. College Choir

- The activities of the College choir are being carried out well.

9. MTSA

The chapel service of the college is organised by the MTSA.

“ Each of you should use whatever gift you have received to serve others, as faithful stewards of God’s grace in its various forms” –

1 Peter 4:10

Mar Thoma Students’ Association of Mar Thoma College, Thiruvalla is a forum which caters to the spiritual well being of students. For the past long years, till the present, Mar Thoma Students association has been a vital part of the students lives to reveal them a world of cherishing divinity. This forum aids students in the campus to lead a spiritual life and inculcates moral values in them. It opens up a platform for individuals to move closer with the Almighty God and to understand their true purpose of life.

By God's Grace most of the activities of the academic year 2022-23 had conducted successfully. As in every year, all activities were focused on a theme. The theme for the year "Second Mile With Christ" based on the key verse Matthew 5:41. Through this theme, MTSA exhorted the students to walk an extra mile with Jesus in their life.

The office bearers of MTSA for the academic year 2022-23:

President:

Dr Varughese Mathew, Principal

Directors:

Prof. Anoop Koshy George, Prof. Arun Vinod, Dr. Antu Annam Thomas, Dr. Sonia Anna Zachariah, Dr. Reni George.

Secretary: Mr. Sam Simon

Lady secretary:Ms. Janvi Mary Sam

Treasurer: Mr. Feny Tom Lalu

Worship coordinator: Mr. Sheen V Joseph

Programme coordinators: Mr. Gideon Thomas E Varughese, Mr. Ben K Varghese

Choir leaders: Mr. Johan George James, Ms. Hridya Mariam Sabu

Auditor:Mr. Jobin Jibu Sam

The activities conducted during the academic year 2022-2023

1. Inauguration

By the grace of God, the inauguration of the activities of MTSA for the year was held on 6th October, 2022 at 2:30 pm. Rev. Monsi K Philip, Clergy Trustee Mar Thoma Syrian Church,

inaugurated the activities and delivered the inaugural address. Dr Varughese Mathew, Principal of the College and President of MTSA, presided over the meeting and delivered the presidential address. Prof. Anoop Koshy George, Director of MTSA delivered the felicitation. Students, faculty members and alumni of the college were a part of this online inaugural session. The meeting ended with prayer and benediction.

2. Whole Night Prayer(യചനയായിതിരുമുൻപിൽ)

A Full Night Prayer was Conducted at Kallissery, Kadavil Malika on 7th October 2022. Around 25 of Students, Teaching And Non - Teaching Staffs Participated in the Prayer Meeting. The Prayer Meeting Was Initiated With the Thought Provoking message by Rev. Binoy Daniel, Asst. Vicar, Jerusalem Mar Thoma Church, Kuttapuzha. Students Took The Initiative For Prayer And Testimonials. The Prayer Meeting Was A Great Blessing For All.

3. Carol Rounds

To Spread The Message Of the Birth Of Jesus Christ, the MTSA members visited 30 houses near the college on 16th December, 2022 including those of college Teachers' and faculty. A Number Of MTSA And Non -MTSA Members, Teachers and College Faculty Members actively took part in the rounds team. It Was a Great Blessing To Share The joy Of Christmas To The Near Ones.

4. Prayer Week 2022 (Zeteo)

A prayer week was organised in the college chapel by MTSA on 24th, 25th and 27th of January 2023. The sermons were delivered by Rev Geevarghese K.E (Secretary To The Mar Thoma Metropolitan), Rev. Eapen Cherian (Vicar, St Thomas Mar Thoma Church, Tiruvalla) and Br. George Cherian (Founder, Missions India). The sermons were a blessing to the college community.

5. MTSA ANNUAL CAMP 22'-23'

The Annual Camp of MTSA 2022 -23 was held on 3rd, 4th and 5th February 2023 at J.M.M.A Holistic Centre, Ayroor. 35 registered students, senior members and directors participated in the camp. The Camp was inaugurated by Rev. Thomas Mathew, Vicar, St. Thomas Mar Thoma Church Kozhenchery, in the presence of, Principal & President Of MTSA , Dr. Varughese Mathew, Director of JMMA Holistic Centre, Rev. V.S Skariah and Director, Prof. Anoop Koshy George. Rev. Tony Eapen Varkey, Rev. Brijith John, Rev. Thomas George, Rev. VS Skariah were the resource persons. Prof. Anju Mariam John ,Mrs. Saramma Jacob accompanied with us to the camp as the female faculties and our senior members Jerrin V Kurian, Ajo Mathew, Sam John Mathew, Ms. Silla George Raju led the singing sessions. On Sunday, students and faculties attended the holy communion conducted at Sehion Mar Thoma Church near the Holistic Centre. Members shared their experience and it was a wonderful experience for the delegates. The leaders paved the way for the delegates to focus their lives with Christ to an extra mile.

6. Manuscript Magazine (Vihan)

A manuscript magazine was created by MTSA in an attempt to provide a platform for students of the college to showcase their talents. It was indeed a tedious effort in making a manuscript magazine by the name 'Vihan'. The Theme For 2022-23 magazine Was "New Hopes". Heartfelt gratitude to the editorial board members and other students who toiled hard for the successful publication of the magazine.

7. Lent Meditation (ക്രൂശിൻനിഴലിൽ)

Lenten meditation is a process of self-reflection. During this period, the students of MTSA played an active role by preparing audios of sermons which were shared to the community via social media platforms. This Lenten season was a transforming experience for all.

Regular Activities

Morning worship

Every working day of the College starts with a morning worship led by MTSA at the College Chapel. Morning worship commences at 9 am in the college chapel. Students take the initiative to spread the word of God by the sermon session in the chapel. On Wednesday, any member of the college faculty takes the sermon sessions. In this academic year Dr. Susan Thomas, Dr. Shiny Thomas, Dr. Kesiya Mary Philip, Prof. Mini Thomas, Prof. Anu Ann James, Dr. Arun Vinod, Dr. Sonia Anna Zachariah, Prof. Renosh Tom Varghese, Dr. Letha P cheriyan, Prof. Anoop Koshy George, Dr. Antu Annam Thomas, Prof. Jijo John Varghese, Dr. Neema Susan Mathew, Dr. Neema Ani Mangalam, Prof. Anju Mariam John, Dr. Roshan Sara Philipose, Prof. Georgie Mathew Varghese delivered the messages. Their messages were inspiring for the students. All students and teachers participated actively.

MTSA Meeting

On Mondays, MTSA Meetings are Conducted in the College Chapel 12:50pm. Students Takes The Initiatives To Conduct variety programs and sermons during the meetings.

Holy Communion

In this academic year, Holy Communion was conducted on 16th December 2022 in the college chapel. MTSA members made necessary arrangements for students to take part in the Holy Communion. Rt. Rev. Thomas Mar Timotheos Episcopa, led the Holy Communion. The blessings of Almighty God was showered upon us through these gatherings.

Conclusion

With God, all things are possible. By the grace of God Almighty, 2022-2023 was a blessed year for the MTSA yet a challenging one. It was a year that was filled with numerous hurdles. MTSA was able to function proactively and cater to the spiritual upliftment of the students. MTSA shone brightly and conducted meaningful and relevant activities. Let the upcoming years help us to share the word of God. With prayers on my lips and hope in my heart, I hereby conclude the annual report of MTSA for the year 2022-2023.

39. SUBJECT ASSOCIATIONS

The subject associations organised different programmes of curricular and co-curricular nature during the current academic year. The major programmes are listed below.

1. ENGLISH

- The Onam Celebrations of the department held on 03-09-2022 could spread the joy and enthusiasm of Onam after a hiatus of 2 years due to the covid pandemic. The celebrations began with students laying a large pookalam before the staff room and rendering of melodious Onam songs. Students as well as teachers enthusiastically participated in individual and group events. The department could also bag the first position for the interdepartmental Vadamvali competition.
- The department took part in the Azadi ka Amrit Mahotsav organized by the college on 12th of August, 2022 with gusto and fervor.
- The inauguration of the English Literary Association (ELA) for 2022-23 was held on 21-10-2022. Ms. Annie George, Poet and Translator, was the chief guest of the event. Her Inaugural Address was on '40 years of Creative Writing: The Journey and Challenges.' The Head of the Department Dr. Ashley Philip welcomed the gathering. After the Presidential Address by Dr. Remi Cherian George, Asst. Prof. Rahul N., former President of the ELA, felicitated the meeting. The function came to a close

with the vote of thanks by ELA Student Secretary, Ms Theja P. K. And this was followed by a welcome given to the freshers by the senior students.

- The Alumni Meet of the Department was held on 21 October 2022. Former Principal Dr M. Y, Karickam delivered the Presidential Address. Dr A. P. John, Former Principal and Head of the Department inaugurated the meeting and Fr. Jacob Philip, Alumna of the department (1965-'70) addressed the gathering. Dr. Shiela Elizabeth Abraham and Dr. Annie Susan Mathew, former Heads of the department felicitated the attendees. A play, "Trifles," directed by Asst. Prof. Sheeba K. Jacob was performed by the students of the department. Asst. Prof. Ann Mary Raju was the programme coordinator.
- The department could secure the 3rd prize for the Kerala Day Rally conducted by the college on 1st November 2022.
- The Christmas Celebrations of the Department took place on 23 December 2022. The festivities began with the students and teachers participating in singing Christmas Carols, playing fun games and Ms. Meenakashi of IBA rendering the Christmas story through the classical dance form of Bharatanatyam. The arrival of Santa Claus added merriment to the event. The department could secure the 1st position for Carol competitions and 3rd prize for Xmas tree competitions organized by the College union, thus attaining the first position for overall performance.
- An Orientation Programme was organized by the ELA for first year BA and MA students on 10 February 2023. Dr. Mohan Varghese, Rtd. Associate Professor and HOD of Political Science, Mar Thoma College, Tiruvalla, spoke on "Career Opportunities for English Majors." The interactive session that followed was highly advantageous for the students.
- Various oral and writing competitions were held by the department in the months of December and January for the students, thus infusing a spirit of healthy competition and comradeship among them.
- The World Poetry Day was observed on 15 March with students reading out poetry composed by them, under the trees in an open air environ.
- The Department of English also organized an intercollegiate fest 'MUSES 2022' on 22nd March 2023. Competitions in various categories like debate, Soliloquy, Found Poetry, Quiz, and Treasure Hunt were conducted successfully.

2. MATHEMATICS

The Inauguration of the Mathematics Association and the Freshers' Day Celebration ("FRESHERS' FIESTA") were conducted by the Department on October 17, 2022. The chief guest of the programme was Fr. John J. Chavara, the head of the department of mathematics at St. Berchman's College, Changanacherry. He delivered a lecture on "Application of Mathematics in the Real World."

The department organised a parents-teachers meeting on October 21, 2022. Dr. Varughese Mathew, the principal, has given instructions on "Say No to Drugs" as part of the anti-drug campaign during the meeting.

The Department of Mathematics, in association with the Data Analytics Department, coordinated a seminar on "Ethical Hacking and Python." The seminar was handled by Network Systems, an ISO-certified company, on October 28, 2022. The resource persons were Mr. Arun Mohan and Ms. Anju S.

On behalf of the National Mathematics Day Celebration, the department of mathematics commemorated the birth anniversary of the great mathematician, Srinivasa Ramanujan, by conducting a webinar on December 17, 2022. Mrs. A. V. Mercy, Deputy Project Director,

Indian Space Research Organization, Thiruvananthapuram, was the keynote speaker. She delivered a lecture on "Injection of a satellite into a precise, predefined orbit."

On 3rd February 2023, 26 students of BSc. Final year students attended a workshop on "Problem Solving in Programming Using Python," organised by the Department of Computer Applications, MACFAST, and Mar Thoma College, Tiruvalla, in association with the CSI student branch of MACFAST. Ms. Vidhya V. Kumar of the Department of Computer Applications, MACFAST was the programme coordinator.

The department of mathematics conducted an academic enrichment programme "Climb with 2023" – a short term coaching classes during the month May 2023. Mr. Hareesh R was the resource person. Dr Roshan Sara Philipose was the co-ordinator.

3. PHYSICS

- On 12th August 2022, the astronomy club was inaugurated by Dr Manesh Michael, Assistant Professor, Bharathmatha College, Thrikkara and visiting associate, IUCCA, Pune. He delivered a lecture on "James Webb Telescope-A voyage to the edge of time".
- On 19th August 2022, the activities of the Physics association were inaugurated by Dr. Praveen C.S, Faculty, International School of Photonics, CUSAT and delivered a lecture on "Understanding the uncertainties in the quantum world: A pedestrian overview".
- An Alumni interaction session with first year UG programme was conducted during the Bridge Course from 26th to 28th September 2022.
- The department successfully conducted add-on courses on ISRO-IIRS and Electrical equipment maintenance.
- As a part of Anti-Narcotic Awareness Campaign of Govt. of Kerala and Kerala Piravi celebration, the department actively participated in the Procession held on 1st Nov 2022.
- The department organised a science exhibition for higher secondary students on 12th Nov 2022 as a part of Science Fest.
- As a part of observance of National Energy Conservation Day, the department organised a one day seminar on 14th Dec 2022. Er. Ninian C. Mathews, Executive Engineer, KSEB Tiruvalla delivered the main talk.
- Er. George Mathew, Former Project Manager, KSEB inaugurated this year's Electrical Equipment Maintenance Course and also distributed of ANERT course certificates on 14th Dec 2022. This year skill development centre initiated the distribution of Switch board and LED bulbs which were assembled by the students Electrical Equipment Maintenance course.
- On 16th March 2023 an MoU was signed between the department of physics, Mar Thoma College Tiruvalla and the University of Johannesburg, South Africa for collaborative initiatives in the Department of Physics. College Principal Dr. Varughese Mathew signed the agreement with Prof. Daniel Mashao, Executive Dean, Faculty Engineering and Build Environment, University of Johannesburg. Prof. Tebogo Mashifana, HOD of chemical Engineering, UJ, Dr Mashodi Mathaba, UJ; Prof. Santhosh Jacob, HOD of Physics, Mar Thoma College Tiruvalla, Dr. I. John Berlin, Programme Co-ordinator, MTC Tiruvalla and Dr Angel Susan Cherian were spoke on the occasion. The MoU will pave the way for joint research projects, joint seminars, sharing of instruments or lab facilities, short-term courses, and exchange programmes for students and faculty.
- M.Sc. batch 2006-2008 have contributed a 50" Smart Display for PG classroom.
- The research scholars under Dr. Noble P. Abraham presented their research work in National and International conferences and have published in 2 peer review journals.
- PG students participated in the 35th Kerala Science Congress which was held at the Mar Baselios Christain College of Engineering and Technology, Kuttikkanam.

- The department is actively involved in an outreach program in association with Mar Thoma Suvisesha Sevika Sanghom and St. Berchman's College Changanasserry at MTSS KG & UP School Manjadi. Aurora, Centre for Science Learning helps the school students to experience science through experiments. The centre was inaugurated on 31-Jan-23 by Dr. Varughese Mathew, Principal MarThoma College Thiruvalla.
- The Department of Physics organised its fourth Prof. Chellamma Mathew Memorial Lecture on 20-Feb-23 for commemorating the dedication and perseverance of Prof. (late) Chellamma Mathew, former faculty of the department. Prof. Praveen C Ramamoorthy, Department of Materials Engineering, IISc. Bangalore delivered the memorial lecture.

4. CHEMISTRY

➤ **INAUGURATION OF CHEMISTRY ASSOCIATION AND WORLD ENVIRONMENT DAY CELEBRATION**

Inauguration of chemistry association and world environment day observance was celebrated on June 6th 2022 at Golden Jubilee Seminar Hall. Welcome address was given by Dr. Josmin P Jose, Association President, Presidential address by Dr. Varghese Mathew, Principal of Marthoma College. As a part of World environment day celebration department of chemistry organized a talk on Green Chemistry and Environment by Dr.Sreekala M S Associate Professor, School of Chemical Sciences & Joint Director, School of Nanoscience & nanotechnology Mahatma Gandhi University. An introduction to carbon footprint survey was presented by Ms. Bhadra R and Ms. Shini Elvin Philip of 3rd DC Chemistry. Technical session was chaired by Dr Merin Sara Thomas, Faculty of department of chemistry. Vote of thanks was delivered by Ms.Jeena Saji, Association Secretary.

➤ **Chem Talk – 1**

Chem talk series-1 organized on 18/07/2022. Dr. Alex John, phd , Associate Professor, Chemistry and Biochemistry Department of California State polytechnic University, Pomona, CA, USA delivered a lecture on "Towards Sustainable Production of Chemicals & Research and Career Avenues in USA".

➤ **HIROSHIMA-NAGASAKI DAY OBSERVANCE AND CHEM TALK-2**

Hiroshima-Nagasaki day was observed on 10th August 2022. Dr. Sreeprasanth Pulinthanath, Research Expert, Materials Engineering Department, KU, Leuven, Belgium was the chief guest and he delivered a lecture on 'The happiness of doing research'

➤ **INDEPENDENCE DAY CELEBRATION**

Independence day celebration was on 12th August 2022 on the theme AZADI KA AMRUTMAHOTSAV. Students made placards and banners and participated in the Azadi Rally organized by our college.

➤ **PARENT TEACHER ASSOCIATION**

Parent Teacher Association of 3rd year students was held on 17th August 2022.

➤ **OZONE DAY OBSERVANCE**

Observed Ozone day on 16th September 2022 as part of spreading awareness among the youngsters on Ozone layer depletion. Second PG students arranged a Poster Exhibition followed by a flash mob organised by second UG students

➤ **FAREWELL CEREMONY**

The farewell ceremony, 'Alvida' for outgoing degree students was held on 8th June 2022 at the Golden Jubilee Seminar Hall. Felicitation was given by Dr. Reenamol. G, 3rd year incharge. Many cultural programs were organized by first and second ug students. Game session was also organized and conducted by second dc students.

- **Onam Celebration” CHEMkemama**
Onam celebration was conducted on 2nd September 2022. Various cultural programmes were performed by students alongside with games organized by 3rd DC students.
- **Kerala Piravi**
Department of Chemistry participated in the Kerala Piravi celebrations along with anti-drug day campaign conducted by Mar Thoma College. Department of Chemistry secured first prize in the rally competition, which took place from SCS Ground Tiruvalla to the College.
- **Orientation Programme for UG and PG Chemistry Students.**
Orientation programme for UG and PG chemistry students 2022-2023 was organized on 21st December 2022 at seminar hall. Session was led by Dr. P Ananthapadmanabhan (Rtd Associate Professor, Maharajas College, Ernakulam) on the topic “Chemistry : Core Concepts and Future”.
- **College Union Christmas Celebration: Unniyum Kidangalum**
The College Union Christmas celebration "Unniyum Kidangalum" was organised on the 22nd December 2022. Various programmes were conducted and chemistry department bagged 1st prize in Crib making competition and 2nd prize in Christmas tree making competition.
- **Christmas Celebration: X'mastry'22**
Christmas celebration by department of chemistry was conducted on 23rd December 2022 and was inaugurated by Head of the Department, Dr. Neema Ani Mangalam and various cultural programs conducted by our students.

5. BOTANY

- **Botany Association inauguration and Van Mahothsavam Celebration –**
Vanmahothsavam was celebrated in connection with the inauguration of the Botany Association on 06-07-2022. Vanmahothsavam was jointly organised with the Department of Forest, Kerala State and Department of Botany. Pricipal Dr.Varughese Mathew Presided over the meeting. Chief guest of the day :Mr.Habi C. K. , Assistant Conservator of Forest , Social Forestry Division , Pathanamthitta Dist. Dr. Jacob Thomas, Asst. Professor of Botany delivered a talk on “Biodiversity of Mar Thoma college, Tiruvalla”. As a part of environmental day celebration four plants of *Glutatravancorica* (Chenkuranji) were planted in the fruit orchard of Mar Thoma College Campus.
- **Special Cleaning Drive –** The students and teachers of Botany Department participated in the cleaning drive organised by the College on 8th July 2022 as part of the 70th Commomoration day Celebration. The students of B. Sc Final Year and M.Sc Botany Participated in this programme. Students arranged the B. Sc. labs, preserved the materials, potted plants were rearranged based on their light requirements.
- **Onam Celebration –** All the members of Botany Association including Teachers and Students celebrated Onam on 02-08-2022.
- **Bridge Course –** Bridge Course was conducted for the First year UG Students From 26-09-2022 to 28 -09-2022. Faculty Members, Dr. Neeta N. Nair ,Mr. Renosh Tom Varghese K., Dr. Jacob Thomas, Dr.Anitha Jose Dr. Deepu A.,Mrs. Jincy P. Abraham , Mrs Reethu Mariah Jacob, Mrs Elizabeth George and Dr Swapna S took the classes.

- **Celebration of the first Anniversary of Vidhyavanam Project and two day seminar on” Plant Conservation :Strategies, Scope and Application”**-The first anniversary of Vidhyavanam Project was celebrated with a public meeting on 18-10-2022. Dr. Neeta N. Nair ,Associate Professor and HOD, Dept of Botany Welcomed the gathering. Principal Dr.Varughese Mathew presided over the function and Honorable MLA Adv. Mathew T. Thomas inaugurated the function. Felicitation delivered by Habi C. K. Asst. Conservator of Forest and Mr Asok. A. S. Range Forest Officer , Social Forestry, Pathanamthitta. Inaugural session concluded with vote of thanks by Susan Kuriakose ,Asst. Professor Dept. of Botany(Coordinator of Vidhyavanam Project and Convener Forestry Club). This programme was organised under the able leadership of Botany Association President, Assistant Professor Renosh Tom Varghese K. Next Technical Session was handled by Dr.Robi A. J., Assistant Professor and Research Guide , BAM College , Thuruthicad and Dr.Leena Abraham , Research Guide and Head , Dept of Botany , St. Thomas College, Kozhencherry. **Second day Technical session on 19-10-2022 was handled by Habi C. K.** Assistant Conservator of Forest , Social Forestry Division, Pathanamthitta District. Documentary exhibition based on forest conservation was also included in this two day seminar.
- **Participation in Anti Drug Rally** Association participated in the Anti-Drug and ‘Keralapiravi’ Rally organized by the Anti-Drug Cell and the College, on 01/11/2022. All students and teachers participated in the Rally in traditional attire. Various cultural elements were presented by students. Students shouted Anti-Drug slogans. Students also carried placards which contained Anti-Drug awareness quotes.
- **Christmas Celebration** – Botany association members including Teachers, Students and non teaching staff celebrated Christmas on 23-12-2022 .
- **Water pots for thirsty Birds-** placed water pots for thirsty birds at different places of Botanical garden of Department of Botany in association with social forestry. Programme was inaugurated by Principal Dr.Varughese Mathew. Teachers and students of Department of Botany participated in this programme on 02-03-2023.
- **Merit Day & Seminar**-The department organized a Merit-Day on 20/03/2023 to congratulate the Rank holders and research achievers of the academic year 2022-2023. The Merit Day was organized along with a seminar on the importance of forests on health. The chief resource person was Mr. Ajeesh. M, DFO, Flying squad Division Punalur. The technical session of the focused on Recent Developments in Mycology Research and was organized for students of Postgraduate Programme.

6. ZOOLOGY

- Onam was celebrated on 2/9/2022 and conducted various programmes.
- Activities of the Zoology association 2022-23 was inaugurated on 20-10-2022. Prof. Koshy Thomas, Director in-Charge of the School of Applied Life Sciences, Chuttipara was the chief guest. Mr. Harish R., Assistant Professor, Department of Bioscience delivered a talk on “Enzymes” on 20-10-2022. Also, Prof Koshy Thomas took an “Anti Drug Awareness Class” as part of Anti Drug Awareness Campaign, Government of Kerala.
- Department of Zoology, Mar Thoma College, Tiruvalla and Jubilee Centre for Medical Research, Thrissur signed an MoU on 22-12-2022.
- Zoology association conducted Christmas celebration on 23-12-2023. Mr. M. Thomas, Rtd. teacher St. Thomas High School, Gudalur, delivered the Christmas message.
- A Cancer Awareness Seminar was conducted on 07-03-2023 on behalf of Medical Club of the College, in association with the Zoology department and GAD-TLC and Indian Cancer Society. Dr Sr. Sampreetha, Senior Resident of Pushpagiri Medical College, delivered a class on Cervical Cancer.

7. ECONOMICS

- Onam celebration in the Department held on 02-09-2022
- Inauguration of Economics association was held on 15th November 2022 and Dr Rani Maria Thomas, Associate professor of Economics, Assumption College Chnganacherry was the chief guest. She delivered a on ‘*The Concept of Freedom in Economics*’.
- On 26th October, an orientation programme for first year degree economics students was conducted and Mr. Sunil D. Kuruvilla, Career Counsellor & HRD Trainer, Insight Mission was the resource person.
- Christmas celebration in the Department held on 23/12/2022

8. POLITICAL SCIENCE

- Actively participated in AZADI KA AMRUTA MAHOTSAV and AZADI RALLY conducted by the College.
- Celebrated 75th Independence day in Virtual Platform, Chief Guest was Dr. Sivakumar M V (Associate Professor of Central University Trivandrum center)
- Observed International Day of Democracy on 15 September 2022.
- On 19th September 2022, an awareness programme for linking Voters ID with Aadhar card was held under the direction of Mr.Raraj, KAS Officer.
- Gandhi Jayanti celebration on 2nd October- Conducted Quiz Competition
- On November 1st department observed Kerala Piravi and participated in the procession arranged by the College.
- Observed Legal service day on 9th November 2022 in virtual platform
- 74th Republic day celebrated as online.

9. COMMERCE

- **Webinar in association with IQAC**
On 13th September 2022, the IQAC in association with the Department of Commerce conducted a webinar on “Investor Awareness Programme – an overview of securities market & Career Growth”. Mr. Manoj T.N, Ex-AGM IDBI Bank was the resource person.
- **Association Inauguration**
Activities of Commerce Association for the year 2022-23 was inaugurated by Dr. S Santhosh Kumar, Professor, School of Management Studies, CUSAT on 22nd November 2022. He delivered a lecture on “Cryptocurrencies: Fundamentals, Pitfalls and Challenges”.
- **HAND - Healing Assistance for Needed by Dear ones**
HAND is an initiative of commerce department aimed at making the student socially responsible by helping the needy students and people in society. Under the leadership of HAND, this year distributed books & study materials to the poor students. Also, fund for the treatment of poor students.
- **BIZ Chat – 30Minutes for talking business**
BIZ Chat is a 30 minutes meeting organised by the department in every Wednesday in G24 Classroom. Every session is conducted under the leadership of students in each class. The structure of meeting is arranged such that, first five minutes is for presenting the current affairs related to business and general. Next twenty minutes is for organising debates, paper presentations, quiz etc. and last five minutes is for presenting any entertainment activities like business games, puzzles etc.

- **Student Skill Acquisition Club**
The objective of the club is to help the students in acquiring practical skills inculcate various soft skills among students for shaping their bright career.
- **Idea Incubation Centre – One Idea means one business**
Idea incubation centre is formulated to inspire the students to become tomorrow's successful entrepreneurs. The objective of this organisation is to nurture young entrepreneurs. Under the leadership of incubation centre, training is given to write project proposals of various business ventures to be submitted to various government and non-governmental organisation related to entrepreneurial developments like DIC, banks, Chat with entrepreneurs etc. Five students submitted the project under YIP scheme of Govt of Kerala.
- **COMBUZ - E-Magazine of Department of Commerce**
Under the leadership of Commerce department, published 'COMBUZ', E-magazine of Commerce department which showcases news and events related to commerce and industry, writings on trending topics in commerce, cartoons, essays etc.
- **Friday Market**
Friday Market is a Green initiative by Idea incubation centre Dept of commerce, in association with Entrepreneurship Development Club, Marthoma College Thiruvalla which aims to provide an opportunity for our students to trigger their entrepreneurial spirit, nurture their talents and pave the path towards their entrepreneurial Journey. Market place and Marketing support will be provided by the Idea Incubation Centre for products made by the students of our college. *First product of our Idea Incubation Centre Herbal Glow soaps made with natural vegan ingredients is a green product sold under this venture. Home made Snack items and cakes cooked and baked by our students are also sold at the stalls in the Friday Market. Friday Market is conducted every week from 12pm to 2pm in our campus. In addition to the sale of various products, students also get trained in maintaining of accounts, marketing aspects. All the activities of Friday Market is taken care of by the students of this department.*

10. Bio-Sciences

Academic Enrichment Programme / Short Term / Certificate Programme

- **HABC Level 3 Certification in HACCP for Food Manufacturing:** No of students enrolled and successfully completed: 25 Post Graduate Students.
- **Add-on course:** an add on course on introduction to Microbial world was conducted final semester B.Sc. Botany (Model 2) students.
- **Summer Internship Research Program:** Summer internship program on food analysis for 12th pass students was conducted for a month from 30th May 2022 to 28th June 2022. The students were equipped with laboratory skills in microbiological practices including food analysis and application of microorganisms and practical understanding of general microbiology.

Career related programme

- Certificate course in Medical Coding & Medical Billing, 24th February 2023, Mini Seminar Hall, Dept. of Biosciences. Recourse Person: Ms. Bency Varghese.

Extension activities

- As a part of the societal responsibility scheme, the students of Mar Thoma Sevika Sangam (MTSS) school, Thiruvalla were invited to Biosciences lab to conduct a mini project on A follow-up study on the biotic and abiotic components in the Flood affected areas of Kakkathuruthu colony, Thiruvalla. The project secured A grade at

state level student Biodiversity congress held at Malabar Botanical Garden Research Institute, Kozhokode.

- **Water Analysis Camp:** The Biosciences department along with National Cadet Corps in association with ward no 8 of Tiruvalla municipality organised “Water Analysis Camp” on 25th June 2022. Inaugurated by Smt. Shanthamma Varghese (Municipal Chairperson, Tiruvalla Municipality) along with Smt. Mini K U (Ex. Engineer), Valsalakumari B (Asst ex Engineer) KWA, Govt of Kerala.

Centre for Advanced Training and Skill Development.

A Centre for Advanced Training and Skill Development was initiated at Department of Biosciences with an objective to enhance student employability by providing need based trainings and additional skill development programmes based on the employer requirements. Apart from assisting student placement and internships, the centre will also facilitate:

- Institute-Industry engagement through internships,
- Training and Certification Programmes.
- Industrial visits,
- Student placements,
- Entrepreneurship training.
- Soft skill development and many more.

The Centre will function as an independent division of the Department of Biosciences in self-sustaining mode. Through the centre, the students will be able to attain job-specific skills through internationally acclaimed certifications and training at a nominal fee. Presently the training programmes will be conducted by outsourcing various agencies empanelled by Additional Skill Acquisition Programme (ASAP), Govt. of Kerala and Kerala Development and Innovation Strategic Council (K-DISC). The faculty members from the Department of Biosciences will be also trained along with the students so that the programmes can be conducted in-house in the future. The Centre has already tied up with International Institute for Certification and Training (IICT), an approved training centre based in Kerala.

- **HABC Level 3 Certification in HACCP for Food Manufacturing.**

The first batch of the training and certification was successfully completed during 27th and 28th October 2022 for the 2020-22 passed-out students. A total of 25 students and one faculty member from Department of Biosciences acquired Level-3 certification in food safety management from Highfield Inc. UK. Eighteen students passed the assessment with distinction and the remaining secured first class. The training sessions were led by former directors of Bureau of Indian Standards, Sri A. Govindan and Sri P. Mohanan from International Institute for Certification and Training (IICT).

- **Bioentrepreneurship programme:**

Seven students from Department of Biosciences were selected for Bioentrepreneurship Basic Certification (BBC) Programme instituted by Kerala Biotechnology Commission, KSCSTE, Govt. of Kerala. Ms. Gisly M. George Ms. Gisly M. George (2nd PG Biotechnology student) has been selected for one-week EDP at Business Innovation and Incubation Centre, MG University, Kottayam.

40. ORIENTATION AND REFRESHER PROGRAMMES / SUMMER SCHOOLS / SHORT TERM COURSES / FDP / ONLINE COURSE

The following faculty members attended the orientation / refresher programmes /Summer schools / Short term course etc during the current academic year.

Department of English

- **Dr Susan Thomas** – Attended Faculty Development Programme (FDP) on Outcome based Education organised by – St. James College of Nsg. & St. James College of Pharmaceutical Science, Chalakudy in association with KSHEC from 8th March 2023 to 15th March, 2023.
- **Mr. Jijo John Varughese** completed (1) 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities / Colleges/Institutes of Higher Education” from 21 August-19 September, 2022, organized by Teachoing Learning Centre, Ramanujan College University of Delhi in collaboration with Bareilly College, Bareilly, U.P., and Hindu College, Moradabad, U.P., under the aegis of Ministry of Education PMMMMNMTT and (2) participated in the Faculty Development Programme organized by Mahatma Gandhi University, Kottayam, from 17-22 October 2022.
- **Dr. Neema Susan Mathews** completed 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 21 August-19 September, 2022, organized by Teachoing Learning Centre, Ramanujan College University of Delhi in collaboration with Bareilly College, Bareilly, U.P., and Hindu College, Moradabad, U.P., under the aegis of Ministry of Education PMMMMNMTT.

Department of Mathematics

- **Mrs. Anu Ann James:** Attended (1) Two weeks online Refresher Course in Mathematical Sciences and (2) Two weeks online Interdisciplinary Refresher Course in Advanced Research Methodology.
- **Dr. Roshan Sara Philipose:** Attended four weeks faculty induction / orientation programme for faculty in Universities / Colleges / Institiutes of Higher Education

Department of Malayalam

- **Dr Kesia Mary Philip** – Participated in the refresher course from 7/10/2022 to 20/10/2022 at UGC HRDC, University of Calicut.

Department of Physics

- **Dr I. John Berlin** participated in 4th Refresher Course in Material Science: Recombinant Memetics organized by the University of Calicut rom 07/12/2021 to 20/12/2021.
- **Dr. Noble P. Abraham** participated in the Faculty Development Program on Outcome Based Education (OBE) organized by S.E.S College, Sreekandapuram in association with The Kerala State Higher Education Council (KSHEC) from 18 to 25 January 2023

Department of Chemistry

- **Dr. Neema Ani Mangalam:** Participated for One Week Faculty Development Programme on “National Education Policy and Curriculum Design” from 22-11-22 to 28-11-22 organised by CCRPED under PMMMMNMTT, School of Education, Central University of Kerala in collaboration with Christ College, Irinjalakuda

Department of Botany

- **Dr. Jacob Thomas**- Participated in the FDP in Crossdisciplinarity in Research organized by the Kerala State Higher Education Council from 19-01-2023 to 24-01-2023
- **Mrs. Jincy P Abraham**- Participated in the FDP in Crossdisciplinarity in Research organized by The Kerala State Higher Education Council from 19-01-2023 to 24-01-2023
- **Mrs. Elizabeth George** participated in (1) Refresher course in Natural Sciences organized by teaching and learning center Ramanujan College from 28-06-2022 to 12-07-2022 and (2) FDP organized by The Kerala State Higher Education Council from 13-09-2022 to 17-09-2022.
- **Mrs. Reethu Mariah Jacob** participated in the Refresher course in Natural Sciences organized by teaching and learning center Ramanujan College from 28-06-2022 to 12-07-2022.
- **Mrs. Susan Kuriakose** participated in the Refresher course in natural sciences organized by teaching and learning center ramanujan college from 28-06-2022 to 12-07-2022.
- **Dr. Sonia Anna Zachariah** participated in the Refresher course in natural sciences organized by teaching and learning center ramanujan college from 28-06-2022 to 12-07-2022.

Department of Zoology

- Dr. Sunitha A. Philip (One Refresher)
- Dr. Susan Thomas (One FDP)
- Alex P Zecharia (One Orientation)

Political Science

- **Mrs. Sony Achamma Thomas** Participated in (1) Refresher Course in “Advanced Research Methodology” from 22nd November 2022 to 6 December 2022 Conducted by Teaching Learning Centre, Ramanujan College, University of Delhi (2) Refresher Course in “Political Science” from 26th December 2022 to 9th January 2023 Conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and (3) Successfully completed a certificate course on “EMERGING DIMENSIONS OF INDIA’S FOREIGN POLICY AND GLOBAL POLITICS” conducted by Impact and Policy Research Institute during the period 14th July 2022 to 18th July 2022.

Department of Commerce

- **Lt. Raison Sam Raju** attended one month refresher course organized by the University Grants Commission- HRDC, University of Mumbai from 30th September 2022 to 30th October 2022.
- **Mrs. Anju Mariam John** has participated in the six day faculty development programme for the college/ university teachers conducted by the college development council, Mahatma Gandhi University from 17-22 October 2023.

Department of Bio-Sciences

- **Dr. Jubi Jacob & Ms. Giby Abraham**: Erudite-scholar-in-residence programme of the Department of Environmental Sciences, University of Kerala, funded by Kerala State Higher Education Council.

41. ALUMNI

The College has a functioning Alumni Association with chapters all around the world.

- On 14th January 2022: Reunion of BSc Physics 1970-73 Batch was held.
- On 24th October 2022: Department of English Annual Alumni Meet was held.
- 26th November: The reunion of 1984-1986 Pre-Degree A batch was held in the College.
- On 27th December: Alumni meet of Department of History was held. Adv. Mathew T. Thomas MLA inaugurated the programme. Former teachers Prof. P.S. Zachariah, Dr Varughese George, Prof. K. P. Deenamma, Prof. P. T. Chacko, Dr Alex Mathew and Prof. Mathew Varghese were honoured by the chief guest.
- On 27th December: The executive committee of 1996-1998 Pre-Degree batch was held in the College.
- On 14th January 2023: Reunion of BSc Physics 1970-73 Batch was held.
- Rt Rev. Thomas Mar Timotheous Episcopa inaugurated the first Prof. P S Zacharia Endowment Lecture on 9th March 2023.
- Mr Anoop G (Akku), Puliyoor has selected to Rajasthan Royals Cricket Selection camp for IPL 2023. He did B.A English Language & Literature in the College during 2018-2021.
- Dr Surya Babu S, Former Reserach Scholar of Zoology has published her book “Diversity and Temporal Variation of Transcontinental Migrants in the Pokkali Wetlands of Ernakulam, Kerala, India” in four different languages.
- The Golden Jubilee Reunion of 1970-1973 Degree batches was held on Saturday 20th May 2023 in the College auditorium. Dr Revikumar G was the convener of the programme. Mr. Thampy Kurain, B.Sc Physics, 1970-1973 has instituted an endowment of Rs. 15 lakhs to give scholarships (tuition fees) to students of the College. It is proposed that the balance amount from the fund collected for the reunion may be utilised for three purposes namely : (1) Contribute Rs 1,00,000/- to two applicants for their house renovation (2) For the installation of a water purifier in Govt L P School, Thekkekara, Karippuzha and (3) Institute an endowment of Rs. 1 Lakh in the College titled “1970-1973 Degree batch Golden Jubilee Endowment” .
- The Mar Thoma sabha Episcopal Nomination Board which met on 9th February 2023 has provisionally selected our alumnus (1986-1988 Pre-Degree H Batch, First Group) Rev. Dr Joseph Daniel, Professor, Mar Thoma Theological Seminary, Kottayam as one of the candidate for selection of Episcopa in the church.
- The Golden Jubilee Get-together batch of 1965-1968 has given a farewell party to the retiring Principal Dr Varughese Mathew on 19th May 2023 under the leadership of Mr Varghese Philip.

42. Scholarships and Endowments

Alumni related contributions

- Wife of late Dr P. G Abraham raised the amount of Dr P.G Abraham Endowment from Rs. 25,000/- to Rs. 1 lakh.
- Mrs.Anu Philip memorial endowment: Rs. 3 lakhs. Annual Interest to be given for three needy UG students. The amount was raised by six class mates of late Mrs.Anu Philip, an alumna of English.
- 1966-1969 Degree Golden Jubilee Endowment – Rs. 67,000/- . Instituted by 1966-1969 degree batches. Annual interest will be given to two needy UG students of Social Sciences & Sciences
- 1982 Mathematics Endowment- in memory of prof. C. Kochummen, Prof. P.O. John & Prof. Achamma Jacob – Rs. 2 Lakhs by B.Sc Mathematics 1979-1982 batch for best outgoing B.Sc Mathematics and M.Sc Mathematics students.
- **Declaration of Prof. Jacob Mathew Memorial award** by the Manager Rt. Rev. Thomas Mar Timotheos Episcopa on 10th December 2022. Adv. Mathew T. Thomas MLA delivered a memorial talk. Ten thousand Canadian dollar was given to the College in the form of an endowment by Dr T J Samuel brother in law of late Prof Jacob Mathew, former faculty of Physics. **Rs. 1 lakh** will be given to the best UG science student of the College.
- The following Memorial prizes will be awarded in memory of Prof. Dr.Joyes Jacob, the retired faculty of Chemistry Dept. from this year 2022 - 23 onwards (Rs. 5000/- each). The amount will be given by Prof. Dr. Abraham Joseph husband of late Dr Joyes Jacob
 1. Most Needy student in B.Sc Chemistry (Main) Final year Class.
 2. Academic brilliant & Needy student in Final year M.Sc in Analytical Chemistry
 3. Brilliant student in Chemical Kinetics in M.Sc - Pure Chemistry
 4. Needy student among the M.Sc. Previous - Analytical & Pure Chemistry taken together

COUNCILS AND MEETINGS

The Governing Council of the college met many times during the year, giving vital instructions and directions regarding the administration and development of the college. College Council also met regularly and took decisions on matters pertaining to internal administration and academic projects. During the staff meetings conducted regularly, the faculty members raised significant questions and gave valuable suggestions for improving the academic atmosphere of the college. The Teaching and Non-Teaching staff associations also contribute significantly towards the stable functioning of the institution.

CONCLUSION

An academic year ends here but the journey still continues. At this moment of celebrating the 71st College Day, there are many deserving our gratitude. At the very outset I place on record my sincere gratitude to our Manager *Thirumeni*, His Lordship Rt Rev Thomas Mar Timotheos Episcopa for his blessings and guidance. I express my sincere gratitude to Tirumeni for having given permission to go ahead with the conduct of the College day 2022, and for all the valuable support extended towards this event. We appreciate and thank the support of all the Governing Council members both previous and present, former teachers, present teachers, non teaching staff, alumni, PTA, management staff, local community, students and fond well wishers of the College for their unfailing support and assistance. May I conclude this annual report by thanking God almighty with verse 5 of James Chapter 1.


"If any of you lacks wisdom, you should ask God, who gives generously to all without finding fault, and it will be given to you."

Thank you all.


Dr Varughese Mathew
Principal

NB:- The report of the College upto 23rd March 2023 was presented in the College day held on 23rd March 2023. Report of the activities upto 31st May 2023 was included in this Final report.




Principal 31/3/2023
Mar Thoma College
Tiruvalla - 689 103