

# ANNUAL REPORT

2021- 2022



## **ST. MICHAEL'S COLLEGE**

Affiliated to the University of Kerala, Managed by Latin Catholic Diocese of Alleppey

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## INTRODUCTION

St. Michael's College, Cherthala reflects the lofty pedagogical mission of the Diocese of Alappuzha which has been devoting long years to the formation of erudite citizens for India by imparting value-based education through the selfless service of men of commitment and dedication. The official inauguration of the college took place on 29<sup>th</sup> September 1967 with Prof. John Mathai, the Vice-chancellor of the University on the dais. The college is situated on the highway 18 kms north of Alappuzha town, silhouetted against a captivating greenery and scenery. The sprawling campus of the college with its solemn and serene air is a magnificent sight to see from the national highway – NH 66. Its magnificence suits it as the prime institute under the Diocese of Alappuzha.

It took 8 long years since its commencement to raise St. Michael's from a pre-degree to a graduate college. It was in 1976 that a new degree course in Zoology was sanctioned to the college and thus B.Sc. Zoology began in the academic year 1976-77 itself and the official inauguration was done by the Honorable Revenue Minister Mr. Baby John and the inaugural meeting was presided over by Sri. A. Sreedhara Menon, the then University Registrar. B.A. Economics was introduced in the academic year 1977-78 and B.Sc. Chemistry in 1980. The college was placed under 2(f) 12 B of the UGC act on the 10th of February 1994. The first post graduate course, M.A. Economics, was started in the academic year 1995-96. Three new courses like B.Sc Physics, B.Com and M.Sc Polymer Chemistry were sanctioned in 1998, 1999 and 2002 respectively.

As a degree college it became imperative for the college to place itself for accreditation. After much preparation and anxious waiting, the college was accredited B+ by the NAAC on 16th September 2004. After several years of waiting, two new courses were sanctioned bringing new hopes for a better reaccreditation. M.Com was started in 2013-14 and B.A. English Literature commenced in 2014-15. The UGC sponsored B.Voc degree programmes in Software Development and Tourism and Hospitality Management that were started in 2014-15. In 2020-2021 college was sanctioned BBA (logistics), which is a new generation course in the aided sector.

Being the only institution with a 400-meter track, the ground of the college is being utilized by various agencies for sports events and the college has become a major sports hub in the district. The college was re-accredited by NAAC with 'A' Grade on 3rd March 2015. The college has also been recognized as a regular Study Centre of IGNOU offering various courses. The academic year 2021-

22 unfolded with a breakthrough, the Department of Chemistry comes to be recognised as an approved Research Centre under the University of Kerala. The Department of Chemistry is the first Research Department in the history of St. Michael's College. The two other postgraduate departments also are in the process of being upgraded to centres. The college is now on the threshold of the third cycle of accreditation and earnest preparations are underway. The academic year witnessed various activities initiated by various departments both in online and offline mode after a long Covid 19 pandemic restrictions. The details of student enrolment, graduate outcome, faculty achievements, activities organised and infrastructure development are elaborated in the Annual Report.

## STUDENT ENROLMENT

During this academic year 469 students enrolled in the first year. Out of which 411 students at Degree level and 58 students at Post Graduate level took admission. The gender-wise and category-wise details of students enrolled during the academic year 2021-22 are given in table 1.

**Table 1. Details of UG and PG students newly enrolled during the academic year 2021-22.**

Department	Programme	Sanctioned Intake	Actual Intake						Total
			Gender		Category				
			Male	Female	SC	ST	Muslim	SEBC	
Chemistry	B.Sc. Chemistry	32	11	21	1	0	4	28	32
Commerce	B.Com Finance	40	23	39	10	1	2	44	62
Economics	B.A Economics	60	17	51	9	0	2	57	68
English	B.A English	40	21	21	4	0	2	33	42
Physics	B.Sc. Physics	24	13	9	1	0	2	17	22
Zoology	B.Sc. Zoology	30	13	21	5	0	3	24	34
Vocational Studies	B.Voc. Software Development	50	25	12	3	0	6	30	37
Vocational Studies	B.Voc. Tourism and Hospitality Management	50	25	20	10	0	0	34	45
Management	B.B.A Logistics	50	48	21	4	0	5	57	69

Chemistry	M.Sc. Chemistry	15	5	14	1	0	0	17	19
Economics	M.A Economics	15	0	7	0	0	1	7	7
Commerce	M.Com Finance	15	8	24	4	0	0	22	32

## GRADUATE OUTCOME

During the academic year 359 final-year students appeared for the University exams and 188 students passed the programme. The average pass percentage for the academic year is 55%. The subject-wise details of students' final year results are given table 2.

**Table 2. Subject-wise details of passing out of students appeared for the final year University exams during the academic year 2021-22.**

Department	Programme Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Chemistry	B.Sc. Chemistry	25	15	60
Commerce	B. Com	55	31	54
Economics	BA Economics	50	6	12
English	BA English	49	30	61
Physics	B.Sc. Physics	22	16	73
Zoology	B.Sc. Zoology	32	21	66
Vocational Studies	B.Voc. Software	33	14	42
Vocational Studies	B.Voc. Tourism	39	20	51
Chemistry	M.Sc. Chemistry	18	8	44
Economics	M.A. Economics	10	6	60
Commerce	M.Com	26	21	81

## STUDENT ACHIEVEMENTS AND AWARDS

1. **Aswathy P** of second year B.Com participated in All India South Zone University Badminton as Team Captain in December 2021.

2. **Sruthi mol S** of second year BBA Logistics participated in Junior and Senior State Athletic Championships (3 times) 2021-2022
3. **Sruthi mol S** of second year BBA Logistics participated in Kerala University Athletic Meet (2021-22) and secured 3rd position in 4x100m relay
4. **Sruthi mol S** of second year BBA Logistics secured second prize in 100m and 200m in Alappuzha District Junior Athletic Championship
5. **Sruthi mol S** of second year BBA Logistics secured second prize in 100m and 4x100m relay Alappuzha District Junior Athletic Championship
6. **Sruthi mol S** of second year BBA Logistics secured third prize in 100m senior girls in Alappuzha District Olympics Athletic Championship
7. **Sruthi mol S** of second year BBA Logistics secured third prize in Rugby Senior Girls in Alappuzha District Athletic Championship
8. **Asif Shajahan** of second year B. Com participated in the 39th Senior National Rowing Championship, Pune
9. **Asif Shajahan** of second year B. Com participated in University National Championship, Punjab University, Chandigarh
10. **Asif Shajahan** of second year B. Com secured gold medal in the 8th Dragon Boat & Traditional Boat Race Federation, D10 500m Mens, Alappuzha, Kerala
11. **Asif Shajahan** of second year B. Com secured gold medal in the 9th National Dragon Boat Championship Bhopal, MP
12. **Amruth** of second year BBA Logistics secured the third prize for 800m senior boys in Alappuzha District Junior Athletic Championship
13. **Amruth** of second year BBA Logistics secured 2nd prize for 4x100m relay senior boys in Alappuzha District Junior Athletic Championship
14. **Anu Varghese** received the Chief Minister's Student Excellence Award in 2022.
15. **Sethulekshmi** of second year B. Com secured the first position in Kuchupudi in Kerala University Youth Festival 2021-22
16. **Sethulekshmi** of second year B. Com secured the first position in Keralanadanam in Kerala University Youth Festival 2021-22
17. **Sethulekshmi** of second year B. Com secured the first position in folk dance in Kerala University Youth Festival 2021-22
18. **Aiswarya K.M.** of second year BSc Zoology received Dr. Radhamma Memorial Charitable Trust Cash Award for Best Academic Performance 2021 – 22. She scored highest marks in B.Sc. Zoology and 9th position in the University of Kerala in 2021 – 22.
19. **Anaswara Lal** of second year BA Economics received Best Volunteer Award from University of Kerala
20. **Siva S Babu** received Certificate of Appreciation for NSS activities from University of Kerala

## PLACEMENT OF OUTGOING STUDENTS

Name of student	Programme	Name of the employer
Babitha	B.Voc Software Development	IT Security Engineer at TCS
Divya Dileep	B.Voc Software Development	Graduate trainee at TCS
Geethesh G Nair	B.Voc Software Development	Sales Executive at Meethale Logistics
Ganesh H	B.Voc Software Development	SEO Executive at Tec Wyse
Ashin Augustin	B.Voc Software Development	Digital Marketing Executive at Digital Volcanos
Lijo Sebastian	B.Voc Software Development	SEO intern at Evolve Creative
Sharron	B.Voc Software Development	Associate at Sutherland
Aromal B S	B.Voc Tourism and Hospitality Management	Information assistant at KTDC
Hemand B R	B.Voc Tourism and Hospitality Management	Front office associate at Ramada Hotel, Alappuzha
Augustin Savier	B.Voc Tourism and Hospitality Management	KGTE Press work at Govt Press, Aluva
Akhil Vargees	B.Voc Tourism and Hospitality Management	KGTE Press work at Govt Press, Aluva
Jithin T	B.Voc Tourism and Hospitality Management	Executive trainer Innostus INC, Trivandrum
Avina Halivel	B.Voc Tourism and Hospitality Management	Front office executive at Trios Hotel, Kochi
Sruthi s das	B.Voc Tourism and Hospitality Management	Front office GR trainee at Luminara Hotels
Abhila Murali	B.Voc Tourism and Hospitality Management	Front office staff at Foggy Knolls, Wagamon

Little Flower M	B.Voc Tourism and Hospitality Management	Tour package designer at Akbar Holidays
Hareeshna R	B.Voc Tourism and Hospitality Management	Accountant at Akbar Travels
Joseph Yesudas	B.Voc Tourism and Hospitality Management	Housekeeping assistant at KTDC Ripple Land
Areena S	B.Voc Tourism and Hospitality Management	Housekeeping room checker at Bolgatty Palace and Island Resort, Kochi
Sophy solaman	B.Voc Tourism and Hospitality Management	Receptionist at Bolgatty Palace and Island Resort, Kochi
Jafweel Nazeer	B.Voc Tourism and Hospitality Management	Receptionist at Bolgatty Palace and Island Resort, Kochi
Marin James	B.Voc Tourism and Hospitality Management	Receptionist at Bolgatty Palace and Island Resort, Kochi
Shibin M B	B.Voc Tourism and Hospitality Management	Front office assistant at KTDC Ripple Land
Manu Berly	B.Voc Tourism and Hospitality Management	Service assistant at the Trios Hotel, Kochi
Vineetha Rajendran	M.Sc Chemistry	Project Fellow, KSCSTE Project
Harikrishnan P.C	M.Sc Chemistry	Project Associate, CSIR NIIST
Athira Ayyappan	M.Sc Chemistry	Skilled Staff, CSIR NIIST
Hermon K.J	B.Sc Chemistry	ASM, Civil Supplies Corporation
Sobi Soman	B.Sc Chemistry	Track maintainer, Indian Railway
Midhun Babu	B.Sc Chemistry	Track maintainer, Indian Railway
Jophin Joseph	M.Sc Chemistry	Atlantic Care Chemicals, Alappuzha
Vishnuja C. J.	M.Sc Chemistry	Trade Apprentice, Chemical Laboratories, HOC, Ambalamughal
Nibu Nikson	M.Sc Chemistry	Trade Apprentice, Chemical Laboratories, HOC, Ambalamugha
Tony V. S	B.Sc Chemistry	LD Clerk Government of Kerala
Akhina Roshin	M.Sc Chemistry	Quality Controller, Adam's Ale Analytical Lab, Cherthala
Aswathy Lal	B.Sc Chemistry	Assistant Professor on Contract, St. Michael's College, Cherthala
Manju V. M	M.Sc Chemistry	Project Associate, NIT, Calicut
Roshin Manuel	B.Sc Chemistry	Production Supervisor, TMMPL, Cherthala

Angitha Augustine	B.Sc Chemistry	Medical Scribe, Cynefine Health Care Solutions, Chennai
Anu D Kammath	B.Sc Chemistry	WBO Clearing Department
Libimol M B	M.Com	Accountant(trainee),C.P.varghese & Co.
Sandra Mariya Antony	M.Com	All About Innovations Pvt Ltd
Aneesha Shaji	M.Com	Biiling staff at HyperMart, Eramalloor
Catherin Francis,	M.Com	Work at SVAR & Associates as accountant trainee
Amaldev S	M.Com	Royal Enfield, Alappuzha
Happy mol T.X	M.Com	Accountant trainee, C.P varghese and Company
Nixon Napoleon	M.Com	MIMAT
Arya V	M.Com	MIMAT
Helga Joseph	M.Com	Assistant Professor on Contract, St. Michael's College
BENEDICT T G	M.Com	MIMAT
Amal sajan	B.Com	Accountant
Soorya Ratheesh	B.Com	Infopark
Manual Griffin	B.Com	CIAL
Jissy James	B.Com	Accounting auditor, LANCET
Mary Aleena A O	B.Com	HR, iEnergizer
Kavya Kaladharan	M.Com	Canara Bank, BPO Trainee
Shyama Ramesh	M.Com	Canara Bank, BPO Trainee
Ayana T J	M.Com	Canara Bank, BPO Trainee
Reshmi S	M.Com	Canara Bank, BPO Trainee
Angel Ann Babu	M.Com	Canara Bank, BPO Trainee
Cinderella Tresa	Bcom	Assistant Professor, St. Michael's College, Cherthala
HELGA JOSEPH	M.Com	Assistant Professor on Contract, St. Michael's College
Aleena Maria Zacharia	M.Com	Assistant Professor on Contract, St. Michael's College
Unnikrishnan V	B.Com,M.Com	Assistant Professor on Contract, St. Michael's College, Cherthala
Jibin Varghese	B.Com,CA Inter	EY
Ben Jacob	B.Com	Tata Motors
Arun Kumar	B.Com	Tata Motors
Sono Sebastian	B.Com	Accountant , UAE
Bibin Baby	B.Com	Accountant , UAE
Ashna Joseph	M.Com	Telecalling
Dravid Das	M.Com	STAYP
Krishnapriya M S	M.Com	Indel money
Maria Abraham	M.Com	Trainee CA Firm
Aneesha Joseph	M.Com	Bajaj Accountant
Athulya K B	M.Com	HI-Tec Lab Accountant

Athira Babu	M.Com	ICICI Sales Manager
Anjana P S	B.Com	Cooperative Bank , Cherthala
Reshma R Kanth	M.Com	Amba Fuels
Dennis Jose	B.Com	Axis Bank
Vinod S	M.Com	Secretariat , Trivandrum
Ektha Johnson	M.Com	Candella Learning
HARI JOHN	BSc Physics	Web Designing
Laya S	BSc Physics	Sutherland , Kochi
Jennifer EJ	BSc Zoology	Student Consultant, Unique Occassio Tech, Kochi near Cochin Shipyard
Ansa Madonna	BSc Zoology	Documentary Assistant at DDRC SRL Panampilly nagar
Mary Dayana	BSc Zoology	Transaction Processing Associate, Conduent, Infopark, Kochi

## FACULTY DETAILS AND ACHIEVEMENTS

During 2021-22 academic year, 58 faculty were working in the college including 30 permanent and 28 contractual teachers. The details of the faculty are given in table 3. Details of faculty in the University Board of Studies and other University level bodies are given in table 4. Five permanent faculties are recognised as Research Guides by the University of Kerala (Table 5). Two faculties are presently running government-funded research projects (Table 6). Eight scholars are pursuing research for the Ph.D. degree (Table 7).

**Table 3. Details of faculty working in the college during the academic year 2021-22**

Sl. No.	Name	Age	Designation	Gender	Qualification
1	Dr Mathew V	55	Principal	Male	Ph.D
2	Riju Gregory	54	Associate Professor	Male	M. Phil
3	Dr Sindhu S Nair	49	Associate Professor	Female	Ph.D
4	Dr M A Florence	52	Assistant Professor	Female	Ph.D
5	Dr Antony Kuriakose P	45	Assistant Professor	Male	Ph.D
6	Dr Sreedhar P Nair	46	Assistant Professor	Male	Ph.D
7	Binil K P	39	Assistant Professor	Male	M.A.
8	Dr Manoj P	47	Assistant Professor	Male	Ph.D
9	Hari U	41	Assistant Professor	Male	M.COM
10	Seena Elizabeth George	39	Assistant Professor	Female	M.Sc.
11	Dr Pearl Augustine	41	Assistant Professor	Female	Ph.D
12	Liya Jose M	38	Assistant Professor	Female	M.Sc.
13	Minnu Mathew	42	Assistant Professor	Female	M.Sc.

14	Dr Antony P J	43	Assistant Professor	Male	Ph.D
15	Pratheesh P	43	Assistant Professor	Male	M.Ed
16	Patricia Michael	39	Assistant Professor	Female	M. Phil
17	Joseph Libin K L	35	Assistant Professor	Male	M.Sc.
18	Jyothy Mary Mathew	34	Assistant Professor	Female	M.COM
19	Lt Abin Albert T	38	Assistant Professor	Male	M.A.
20	Dr Beena James	45	Assistant Professor	Female	Ph.D
21	Fr Titus Augustine	50	Assistant Professor	Male	M.A
22	Sam Johnson	35	Assistant Professor	Male	M.A
23	Dr Dhvajam D B	39	Assistant Professor	Female	Ph.D
24	Dr Smisha M A	31	Assistant Professor	Female	Ph.D
25	Dr Seena Kurian	36	Assistant Professor	Female	Ph.D
26	Dr Teny David	41	Assistant Professor	Male	Ph.D
27	Dr Mini P A	36	Assistant Professor	Female	Ph.D
28	Dr Saneesh Sebastian	37	Assistant Professor	Male	Ph.D
29	Dr Mary Reema	33	Assistant Professor	Female	Ph.D
30	Dr Rajesh R	32	Assistant Professor	Male	Ph.D
31	Ambili P T	36	Asst Prof. on contract	Female	M.A
32	Dr Elizabeth Renu Joseph	35	Asst Prof. on contract	Female	Ph.D
33	Helga Joseph	25	Asst Prof. on contract	Female	M.COM
34	Pimmy Mathews	45	Asst Prof. on contract	Female	MCA
35	Dr Manuja M	36	Asst Prof. on contract	Female	Ph.D
36	Nirupama U	32	Asst Prof. on contract	Female	M. Phil
37	Reshma S Raj	32	Asst Prof. on contract	Female	M.Sc.
38	Stephy Sebastian	25	Asst Prof. on contract	Female	M.Sc.
39	Emil Berli	30	Asst Prof. on contract	Male	M.A
40	Preenu Antony	27	Asst Prof. on contract	Female	M.COM
41	Soumya Mathew	45	Asst Prof. on contract	Female	M.Ed
42	Adarsh P Madhu	23	Asst Prof. on contract	Male	MTTM
43	Lekshmi M	32	Asst Prof. on contract	Female	M.Tech
44	Zita Francis	42	Asst Prof. on contract	Female	M.Sc.
45	Dr Indu V S	35	Asst Prof. on contract	Female	Ph.D
46	Dr Vimsy Geo	31	Asst Prof. on contract	Female	Ph.D
47	Jithumon K	28	Asst Prof. on contract	Male	MTTM
48	Sonia Rose	31	Asst Prof. on contract	Female	MCA
49	Abraham K	27	Asst Prof. on contract	Male	MTTM
50	Geethu Varghese	31	Asst Prof. on contract	Female	M.Tech
51	Krishna Babu	25	Asst Prof. on contract	Female	MBA
52	Nixon Nepolean	29	Asst Prof. on contract	Male	M. Phil
53	Unnikrishnan V	28	Asst Prof. on contract	Male	M.COM

54	Fathima M	23	Asst Prof. on contract	Female	SET
55	Jovitha Lincy V J	37	Asst Prof. on contract	Female	Ph.D
56	Mukesh Kumar M	34	Asst Prof. on contract	Male	M.Sc (Phy)
57	Remya Ruskin	24	Asst Prof. on contract	Female	M. Phil
58	Sowparnika Nair	30	Asst Prof. on contract	Female	MBA

**Table 4. Details of faculty in BoS and other University Bodies**

Sl.No.	Name of Faculty	Department	Position
1	Dr. Mathew V.	English	Member of Syndicate, University of Kerala
2	Dr. Antony Kuriakose P.	Economics	Chairman, UG BoS in Economics, University of Kerala
3	Dr. P. Manoj	Chemistry	Member, Polymer Chemistry BoS
4	Dr. Sreedhar P. Nair	Commerce	Member, BoS in Commerce, SN Open University
5	Mrs. Minnu Mathew	Statistics	Member PG BoS, University of Kerala
6	Hari U.	Commerce	Member, BoS, University of Kerala
7	Mrs. Seena Elizabeth George	Chemistry	Question Paper Setter, University of Calicut
8	Dr. Pearl Augustine	Chemistry	Question Paper Setter, University of Calicut
9	Mr. Hari U	Commerce	Question Paper Setter, Kannur University
10	Dr. Antony P.J.	Zoology	Question Paper Setter, Kerala University of Fisheries and Ocean Studies
11	Mr. Pratheesh P.	History	Question Paper Setter, Kerala PSC
12	Dr. Smisha M A	Mathematics	Question Paper Setter, Maharajas College Autonomous
13	Lt. Abin Albert	Economics	Convener, Malpractice Prevention Squad, University of Kerala

**Table 5. Details of faculty recognised as Research Guides**

Sl. No.	Name of the faculty	Date of recognition as Research Guide	No. of students registered for Ph.D.
1	Dr. P. Manoj	11-01-2016	3
2	Dr. Sreedhar P. Nair.	09-03-2021	4
3	Dr. Sindhu S. Nair	16-06-2021	1
4	Dr. Pearl Augustine	15-05-2021	
5	Dr. Beena James	15-05-2021	

**Table 6. Details of faculty running funded projects**

Name of the Principal Investigator	Year of Award	Amount Sanctioned	Name of the Funding Agency
Dr. Beena James	2021	Rs. 14,57,000	KSCSTE

Dr. Rajesh R.	2021-22	Rs. 500000	Sports Authority of India -SAI
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**Table 7. Details of Research Scholars**

Name of the scholar	Name of Research Guide	Year of registration of the scholar	Title of the thesis for scholar
Seena Elizabeth George	Dr. P. Manoj	19.04.2017	Synthesis, Photophysical Studies and Device Fabrication of Semiconducting Organic Materials for Electronic Applications
Gayathree Mohan		21.03.2017	Modelling, Synthesis and Charge Transport Properties of Conjugated Polymers and Oligomers for Organic Voltaics
Satheesh Babu.T.		12.03.2021	Tuning Band Gap and Exploring the Photophysical Properties of Stable Conjugated Oligomer for Electronic Applications
Veena.S. Kumar	Dr. Sreedhar P Nair	12.01.2022	Employee Attrition in selected IT parks in Kerala
Revathy P.R.		07.03.2022	Effectiveness of Green Banking Practices of Public Sector and Private Sector Banks in Kerala
Sandra Noronha		24.02.2022	Socio-Economic Status of Fisherfolk in Kerala
Badusha Muhammed		10.02.2022	Antecedents of Entrepreneurial Intention: An Empirical Study among Graduates in Kerala
Kalyani H	Dr. Sindhu S Nair	06.07.2021	Detangling Green Consumption - An Analytical Safari

## Publications in Journals

1. Cinderella Treasa D. 2022. Impact of Talent Management Practices among Multi-generational Workforce of Technopark, Thiruvananthapuram, International Journal of Research and Review, Volume 9, Issue: 3, March 2022 (41-17)  
DOI:<https://doi.org/10.52403/ijrr.20220306>
2. Cinderella Treasa D. 2022. Manufacturing Business in Kerala: A Study of Problems and Government Initiatives, IJFMR, Volume 4, Issue 2, March-April 2022 (1-9)  
DOI:[10.36948/ijfmr.2022.v04i02.001](https://doi.org/10.36948/ijfmr.2022.v04i02.001)
3. Cinderella Treasa D. 2022. Relevance of Imparting Business Education to the Women Entrepreneurs in Kerala, IJRAR, Volume 9, Issue 9, March 2022 (649-654)  
DOI:<http://doi.one/10.1729/Journal.29668>

4. Crissy Nicholas. 2022. Impact of COVID-19 on Sustainable Tourism Activities in Kerala. ANVESAK-Sardar Patel Institute of Economic and Social Research. Vol:51 No:1(XXI)UGC CARE GROUP -1 ISSN :0378-4568 JAN-JUN 2021.
5. Deepa Mathew, Dr.Sreedhar P.Nair, 2022. "Job Stress And Career Progression Of Women", International Journal of Current Science (IJCS PUB), ISSN:2250-1770, Volume.12, Issue 1, pp.175-180.
6. James, B., Ramakrishnan, R. & Aprem, A.S. Development of Environmentally Safe Biodegradable, Antibacterial Surgical Sutures Using Nanosilver Particles. *J Polym Environ* 29, 2282–2288 (2021).
7. Jibin K. Varughese, K. L. Joseph Libin, K. S. Sindhu, A. V. Rosily, T. G. Abi. 2021. Investigation of the Inhibitory Activity of Some Dietary Bioactive Flavonoids against SARS-CoV-2 Using Molecular Dynamics Simulations and MM-PBSA Calculations. *Journal of Biomolecular Structure and Dynamics*. Volume 40 (15).
8. Jovitha Lincy; Manohar Cathrine Sumathi. 2020. A Comparison of Bacterial Communities from OMZ Sediments in the Arabian Sea and the Bay of Bengal Reveals Major Differences in Nitrogen Turnover and Carbon Recycling Potential. *Marine Biology Research*. Volume 16 (8-9).
9. Jovitha Lincy; Manohar Cathrine Sumathi. 2021. 16S rRNA and Hydrazine Gene-Based Profiling of the Candidatus Scalindua Community from the Arabian Sea Hypoxic Sediments. *Current Science* Vol. 120 (4).
10. Lidiya Lawrence. 2022. "A Study on Financial Well Being of Women Households" in *Research Review International Journal of Multidisciplinary*, ISSN 2455-3085, Double blind peer reviewed, Vol 7.
11. Lidiya Lawrence. 2022. Public Assistance for House Construction in Kerala; with reference to LIFE MISSION. *International Journal of Creative Research Thoughts*, Vol 10, (2).
12. Pratheesh. P. 2021. Present status of coir industry in Alappuzha, A Study on Household Coir Units. *IJCRT*. Vol. 9 (8).
13. Pratheesh. P., Gopakumaran Nair N. 2021. Modernization, Coir Worker & the Labour; A Case of Work Alienation. *International Advanced Research Journal in Science, Engineering and Technology (IARJSET)*. Vol. 8, Issue 9, September 2021.

14. Pratheesh. P., Gopakumaran Nair N. 2021. Present status of Labour and Employment of Coir Loom Workers in Alappuzha. International Journal of All Research Education & Scientific Methods
15. Sindhu S Nair, Deepa Mathew, Sreedhar P Nair. 2022. Ethical Advertising is a Vital Responsibility of Business Towards the Society. IJRAR. Vol. 9 (1).
16. Sindhu S Nair, Deepa Mathew, Sreedhar P Nair. Tourism industry: The Cash Cow Industry for Fostering the Economic Development of India. Int J Appl Res 2022;8(4):179-181.
17. Sindhu S Nair, Sreedhar P Nair, Deepa Mathew. 2022. Some Prominent Cases of Financial Scams and the Relevance of Meticulous Governance Systems for Economic Institutions. IJR Vol. 9 (3).
18. Sindhu S Nair, Sreedhar P Nair, Shaly Marshal. 2022. Restructuring Strategies to Awaken the Sick Public Sector Units in the State of Kerala. J. of Emerging Technologies and Innovative Research. Vo. 9 (3).
19. Sindhu S. Nair, Badusha Muhammed, Dr. Sreedhar P. Nair. 2022. A Study on Relationship between Service Quality and Customer Loyalty with Reference to Online Hotel Booking Apps. International Journal of Current Science Research and Review. Volume 05 (04).
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## Book Chapters

- Dr. Seena Kurian. Pravasi Hindi Kavitha Aur Bharathiya Sanskriti. Bharathiya Sanskriti ki Changiyam.
- Dr. Seena Kurian. Hindi Kavitha Mem Transgender. Sahithik Samvad. Samakalin

Teny David. Who are the Inheritance of the Earth? Ecocriticism in Malayalam (Translation)

Teny David. Ecofeminism, Politics and Culture. Ecocriticism in Malayalam (Translation)

## **Awards and Recognitions Received by Faculty**

1. Dr. Seena Kurian received the NSS Best Programme Officer Award from the University of Kerala
2. Dr. Seena Kurian received a certificate of appreciation from Cochin Cancer Research Centre

## **Training Programmes Attended by Faculty**

1. Ms. Liya Jose (Department of Chemistry) completed an Interdisciplinary online two-week refresher course on “Managing online classes & Co-creating MOOCS 7.0” conducted by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with CMS College (Autonomous) Kottayam from 5-19 August 2021
2. Ms. Liya Jose completed a one-week online faculty development programme on “Best Practices for Online Teaching: Classrooms, Courseware and Tools” conducted by the Faculty Development Centre of the Kerala State Higher Education Council (KSHEC), Thiruvananthapuram from 08-13 July 2021.
3. Dr. Antony P.J (Department of Zoology) completed an online course entitled “Nature-based Solutions for Disaster and Climate Resilience” on 30th June 2021 - a course developed by experts from the United Nations Environment Programme (UNEP) and the Partnership for Environment and Disaster Risk Reduction (PEDRR) with support from the European Union, in collaboration with the SDG Academy and the EdX Platform.
4. Dr. Antony P.J. participated and successfully completed Eight Days Faculty Development Programme on “Outcome Based Education” organized by IQAC, Sree Narayana College, Kollam in academic collaboration with Kerala State Higher Education Council from 14-06-2021 to 21-06-2021.
5. Dr. Antony P.J. attended online even days Faculty Development Programme on Novel tools and Methodologies from 03.08.2021 to 09.08.2021 conducted by Sri Guru Gobind Singh College, Sector 26, Chandigarh in collaboration with Human Resource Development Centre, Panjab University, Chandigarh under RUSA 2.0 grant.
6. Ms. Patricia Michael (Department of Zoology) has completed Refresher Course in Life Sciences from 17.11.2021 to 30.11.2021 conducted by UGC-HRDC, University of Kerala.

7. Ms. Patricia Michael (Department of Zoology) has completed Online Short-term Course in Disaster management from 22.02.2022 to 28.02.2022 conducted by UGC-HRDC, University of Kerala.
8. Dr. Mary Reema (Department of Malayalam) completed Online Orientation Programme from 18.10.2021 to 16.11.2021 conducted by UGC-HRDC, University of Calicut
9. Dr. Sreedhar P. Nair participated in the UGC Sponsored Online Short-Term Course on Gender Sensitization, organized by the UGC-Human Resource Development Centre, Maulana Azad National Urdu University, Hyderabad, Telangana from 28th February, to 5th March, 2022.
10. Dr. Sreedhar P. Nair participated in One Week UGC Sponsored Online Faculty Development Programme on Research Methodology (Social Science, Commerce and Management), organized by the UGC-Human Resource Development Centre, Devi Ahilya Vishwavidyalaya, Indore, Madhya Pradesh during 12<sup>th</sup> July 2021 to 17<sup>th</sup> July 2021
11. Ms. Jyothy Mary Mathew participated in One week Faculty Development Programme on “The Dynamics of Research: Prospects, Reflections and Best Practices” organised under UGC – Scheme for Trans-Disciplinary Research for India's Developing Economy (UGC-STRIDE), Mahatma Gandhi University, Kerala, in association with IQAC, St. Xavier's College for Women, Aluva, from 1st to 7th July 2021.
12. Hari U participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
13. Dr. Manoj P participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
14. Dr. Pearl Augustine participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
15. Dr. Mini P A participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
16. Smisha M. A participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022

17. Dr. Saneesh Sebastian participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
18. Dr. Beena James participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
19. Fr. Titus Augustine participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
20. Dr. Vimsy Geo participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
21. Dr. Seena Kurian participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
22. Seena Elizabeth George participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
23. Dr. Dhvajam D B participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
24. Riju Gregory participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
25. Dr. Mathew V participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
26. Emil Berli participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022

27. Dr. Vimsy Geo participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
28. Dr. Indu V.S participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
29. Dr. Elizabeth Renu Joseph participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
30. Reshma S Raj participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
31. Nirupama U participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
32. Ambili P.T participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
33. Dr. Jovitha Lincy V. J participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
34. Zita Francis participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
35. Dr. Manuja M. participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
36. Mukesh Kumar M participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022

37. Aswathy Lal K participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
38. Remya Ruskin participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
39. Soumya Mathew participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
40. Nixon Nepolean participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
41. Unnikrishnan participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
42. Krishna Babu participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
43. Helga Joseph participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
44. Sowparnika Nair participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
45. Veena N.S participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
46. Adarsh H participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022

47. Preenu Antony participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
48. Pimmy Mathews participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
49. Lekshmi M. participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
50. Geethu Varghese participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
51. Abraham K. participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
52. Jithu Varghese participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022
53. Fathima S participated in Professional Development Programme on Intellectual Property Rights (IPR) conducted by Department of Chemistry in association with IQAC, St. Michael's College on 22<sup>nd</sup> March 2022

## ACTIVITIES DURING THE ACADEMIC YEAR 2021-22

### **ACADEMIC SEMINARS**

#### **Webinar on Gender Budgeting (9 June 2021)**

The Postgraduate Department of Economics conducted a webinar titled "Gender Budgeting" on 9<sup>th</sup> June 2021. Dr. Lekha S. Chakraborty, a well-known economist and professor at the National Institute of Public Finance and Policy (NIPFP) in India was the resource person. The webinar was attended by students and faculty members of the economics department.

### **Interactive Session- Reading in the Artificial Intelligence Era: Relevance, Sine qua non, Possibilities and Challenges (24 June 2021)**

The Department of Chemistry of M.E.S College, Nedumkandam, along with St. Michael's College, Cherthala, and the Department of Physics, K.E College, Mannanam, collaborated to organise an interactive session on "Reading in the Artificial Intelligence Era: Relevance, Sine qua non, Possibilities and Challenges" on 24th June 2021. The event aimed to provide an open platform for interested faculties and students to discuss the impact of artificial intelligence on reading, thinking, and information storage.

### **Public Health Webinar (13 August 2021)**

On 13-08-2021, the Postgraduate Department of Economics, St. Michael's College, in association with the School of Public Health at SRM University, Sikkim, organised a public health webinar series. The webinar was delivered by Dr. Mohammad Mushtaq Husain, who is an advisor at the Institute of Epidemiology and Disease Control and Research, Ministry of Health, Government of Bangladesh.

### **Investor Awareness Programme (4 November 2021)**

The Commerce and Management Department of St Michael's College, in association with Apex Academy, Kochi hosted an exclusive session on the theme "Investor Awareness Programme" on 4th November 2021, along with training partner Knowledge Bell (Bangalore) and Sponsor Axis Mutual Fund. The objective of the session was to create financial and investment awareness among the students and professionals. The resource person for the session was Mr. Manoj T Neelakantan, Ex AGM – IDBI Bank, BFSI Trainer.

### **Seminar on Entrepreneurship Development and Opportunities (3 December 2021)**

The Entrepreneurship Development Club of the Postgraduate Department of Commerce and Management in association with the Industries Department, Government of Kerala has conducted a seminar on "Entrepreneurship Development and Opportunities" on 3<sup>rd</sup> December 2021 at 10.00 a.m. at the Fenicio Digital Seminar Hall, St. Michael's College, Cherthala. The class was led by Shri. Jayson K George, The Industrial Development Officer of Cherthala Municipality.

### **Seminar on Red Hat Training and Certification (18 -19 February 2022)**

The Department of Vocational Studies in association with IT club of B.Voc. Software Development, conducted a seminar on Red Hat Training and Certification on 18<sup>th</sup> and 19<sup>th</sup> of February 2022 at 10

a.m. The seminar was co-organized by Spectrum Softech Solutions. The main speaker of the session was Muhammed Shareef K.

### Webinar on Intellectual Property Rights (22 March 2022)

The Department of Chemistry, organised a webinar on "Intellectual Property Rights" on March 22, 2022, at 6:00 p.m. The programme was conducted online through the Google Meet platform, and it was well-attended by a diverse audience from various fields of work and education. The speaker for the event was Dr. Jiji R.S, the Head of the Department of Veterinary Extension, College of Veterinary and Animal Sciences, Thrissur.

### Entrepreneurship Development Programme (2 - 5 March 2022)

The Department of Chemistry, in association with C-MET, Thrissur, and IHRD-Regional Centre, Ernakulam, organised an "Entrepreneurship Development Programme" from 2nd March 2022 to 5<sup>th</sup> March 2022. Online theory classes were conducted for the students during the end of the pandemic period and hands-on training was given by the beginning of March. The students were given training to assemble digital thermometers, LED bulbs and solar lanterns. Dr. Pearl Augustine coordinated the programme. Certificates were issued by IHRD-Regional Centre, Ernakulam to the participants who successfully completed the course.

### Webinar on Healthy Relationship (5 March 2022)

Women Cell of St Michael's College Cherthala in association with KSWDC conducted a programme on Social Engagement - Healthy Relationship on 5th March 2022 at 3.00 p.m. through online mode. Sr. Dr. Janet Augustine, retired Principal of St Joseph College, Alappuzha handled the session with screen sharing of thought provoking movies, short films and slides.

**Gender Budgeting 09-06-2021**

ST.MICHAEL'S COLLEGE CHERTHALA  
PG DEPARTMENT OF ECONOMICS

WEBINAR ON  
**GENDER BUDGETING.**

RESOURCE PERSON:  
**DR. LEKHA S CHAKRABORTY**  
Professor  
National Institute of Public Finance and Policy, New Delhi.

June 9, 2021  
Wednesday  
AT 3:00 PM

Via Google Meet  
USE CODE : qwd-jxfi-wrj

FOR MORE DETAILS: Dr. Sindhu S Nair (98950 63195)  
Dr. Antony Kuriakose (94470 29754)

*Reading Week 2021, an Interactive Session on:*

**Reading in the Artificial Intelligence Era: Relevance, Sine qua non, Possibilities and Challenges**

We are living in an era witnessing numerous amazing events. Every sector undergoes dynamic changes. Human life is susceptible to all these revolutions that abridged life and technology. We welcomed swift changes in our routine inadvertently. It is even reflected in our consciousness and self-building activities like reading, thinking and storage of information.

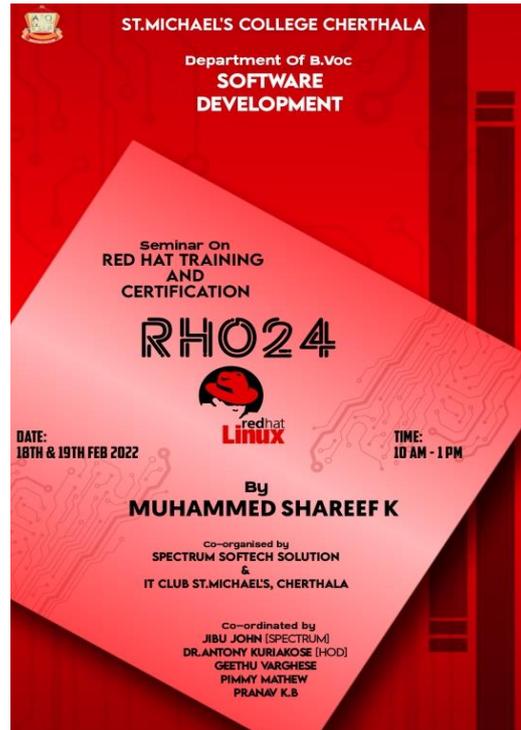
In this scenario, the Department of Chemistry of M. E. S. College, Nedumkandam and St. Michael's College, Cherthala along with the Department of Physics, K. E. College, Ilamamam collaboratively organizes an open platform for discussion on the titled theme. The participants include interested faculties and students.

Patron  
Dr. Mathew V. (Principal, SMC)  
Prof. A. M. Rasheed, (Principal, MES)  
Fr. Dr. Xavier Cheeranthara, CMI, (Principal, KEC)

Moderator: Prof. Sathesh Babu T. (MES)  
Date : 24.06.2021 (Thursday); Time: 10.30 AM, IST

Programme Coordinators  
Dr. P. Manoj (SMC)  
Dr. Jini Thomas (KEC)  
Dr. Ranjini Radhakrishnan (KEC)

<https://meet.google.com/jqs-sika-aqb>



## **IMPORTANT DAYS OBSERVED**

### **World Book and Copyright Day (23 April 2021)**

Department of English in association with the NSS unit conducted an online essay writing competition on 23rd April 2021 as part of World Book and Copyright Day. The topic for the contest was "Importance of Books in Changing Society".

### **World Intellectual Property Rights Day (26 April 2021)**

To observe the day, the NSS unit organized a programme titled "INGENIUM 2021" which upheld the theme 'Taking your Ideas (intellectual properties) to the Market'. The main aim of the webinar was to make students aware of intellectual properties and rights. Mr. Unnikrishnan V, faculty of Commerce in our College was the lead speaker.

### **World Veterinary Day (27 April 2021)**

NSS volunteers of St. Michael's college Cherthala observed World Veterinary Day on 27 April 2021. The programme was named "Dr Paws". The volunteers organised a programme of posting a photo of their pet or favourite animal with a veterinary day message.

#### **National Technology Day (11 May 2021)**

NSS volunteers of St. Michael's college, Cherthala celebrated National Technology Day. The programme was titled as 'FUVENTS 2021'. The volunteers gathered ideas about future technology. Dr. Tomy John, retired Associate Professor of SD. College, Alappuzha and Ms. Anisha Vineeth, Guest Faculty of Department of Software Department, St Michael's College took a session about technology and technological advancement we are about to achieve soon.

#### **World Day Against Child Labour (12 June 2021)**

The NSS units of St. Michael's College, Cherthala observed World Day Against Child Labour titled "TEKVO 2K21". Volunteers prepared a documentary or a short video containing a message against child labour and shared it through social media.

#### **National Reading Day (19 June 2021)**

National Reading Day was celebrated to commemorate the birth anniversary of P. N Paniker, an erudite scholar and social reformer who played a pivotal role in promoting literacy and education. The Department of English organised various programme which aimed to encourage students to develop reading habits and create a culture of reading. A debate on the topic e-learning vs conventional learning was conducted on 19<sup>th</sup> June 2021. Dr. Seena Kurian, Faculty Department of Hindi and NSS programme officer delivered a talk on "Arivinte Vakku" (The Word of Knowledge) via Google Meet.

#### **National Music Day (21 June 2021)**

NSS volunteers observed National Music Day named "CANTARE" on 21st June 2021 by conducting an online music competition.

#### **International Day of Yoga (21 June 2021)**

The NSS units of St. Michael's College, Cherthala celebrated the International Day of Yoga as "VAJRA 2K21". The day was celebrated by conducting a one-week yoga class led by Sri. V. Vijaya Nath, the secretary of Vipanchika Yoga Vidyalayam.

**Fit India (15 July 2021)**

NSS organised a fitness programme in connection with the FIT INDIA campaign. The volunteers conducted a rally to observe the day.

**Independence Day (15 August 2021)**

Independence Day is the most prestigious day of the nation. The day is celebrated to proclaim the victory of the nation over colonizers. The NSS and NCC of St. Michael's College jointly celebrated this year's Independence Day. Sri. P Prasad (Minister for Agriculture, Government of Kerala) was the chief guest for the day.

**Teacher's Day (5 September 2021)**

The NSS volunteers of the units celebrated the day by preparing handmade greeting cards for teachers and the cards were presented to teachers through post.

**International Ozone Day Celebrations (IOD – 2021) (16 September 2021)**

The Department of Chemistry, conducted the International Ozone Day Celebrations (IOD – 2021) on 16th September 2021. The programme included an online quiz and poster designing competition with the focal theme of "Montreal Protocol - Keeping us, our Food and Vaccines Cool." Around 70 students participated in the event, including students from neighbouring schools and colleges.

**NSS Day (24 September 2021)**

A health awareness class in connection with Covid and a collage making competition was held as a part of the NSS Day Celebrations. Mr. Jayakumar, Health Inspector, CHC Perumbalam was the resource person for the day. Volunteers prepared collages using NSS day messages and posted on social media.

**World Tourism Day (27 September 2021)**

The NSS volunteers of the units prepared a travelogue from their personal experience and posted it in WhatsApp group as a part of the activity.

**Gandhi Jayanti (2 October 2021)**

The NSS units conducted a cleaning drive on the college campus and the houses of the volunteers to observe the day.

**Constitution Day (26 November 2021)**

The NSS unit of the college arranged a preamble reading session, a quiz competition, and a collage presentation. The first-year volunteer, Nayana from Chemistry read the preamble for the college.

**Republic Day (26 January 2022)**

The 73rd Republic Day of India was celebrated with great zeal by NSS Volunteers. The national flag was hoisted exalting the declaration of India's independence from colonial rule. Songs invoking patriotism were sung at the event and a republic day message was delivered. Besides food kits were delivered to financially indigent families.

**Youth Skill Programme (14 February 2022)**

The Youth Skilling Programme, a flagship event was organized for the NSS Volunteers of St. Michael's College, Cherthala. The Programme was mainly arranged for the holistic development of the youth.

**National Science Day Celebration (NSD – 2022) (26 February 2022)**

The Department of Chemistry, St. Michael's College, Cherthala, Alappuzha, in association with the ENCON Club, organised an invited talk on the importance of energy conservation and environment protection on 26<sup>th</sup> February 2022. The programme was conducted as part of the National Science Day Celebrations, NSD – 2022. The speaker for the event was Dr. Kochu Baby Manjooran, Senior Manager – Environment (Retd) at BPCL Kochi Refinery.

**Women's Day Celebrations (8 March 2022)**

Women's Day of the year 2021- 22 was celebrated by the college Women Cell on 8th March 2022. The programme was inaugurated by Smt. K. G. Rajeswari, President, Alappuzha District Panchayath. In her keynote address, she highlighted the importance of self -esteem and sustenance. She also discussed the women's day theme "Break the Bias". Vice Principal Dr. Sindhu S Nair and College Union Chairman Sulekha Shibu also addressed the gathering. The





## ACTIVITIES OF CLUBS AND ASSOCIATIONS

### National Cadet Corps (NCC)

- Covid Relief Project:** As part of the Covid-relief project by the NCC Units of 11(K) Bn. NCC, the NCC unit of St. Michael's College, Cherthala has contributed the following items to Kanjikkuzhi Block Panchayath in order to distribute it to various health centers. N-95 Masks (50 Nos.), Surgical Masks (500 Nos.), Antigen Test Kits (25 Nos.), Pulse-Oximetre (5 Nos.).
- World Environment Day (5 June 2021):** As part of the World Environment Day celebrations, NCC cadets of our college planted saplings in their house premises, since colleges were working in online mode due to the pandemic situation.
- International Yoga Day (21 June 2021):** As part of the International Yoga Day celebrations 2021, the cadets of NCC unit practiced yoga in their houses, and shared the videos and photos on social media.
- Shooting Practice Camp (23 -29 July 2021):** Seven-day shooting practice camp for the NCC Cadets of 11(K) Bn NCC Alappuzha was conducted on the campus in association with the Alappuzha District Rifle Association from 23<sup>rd</sup> to 29<sup>th</sup> July 2021. Battalion

- Commander Col. Abhijit Bambre inaugurated the camp and cadets from various colleges in the Alappuzha District participated in the camp.
- **Kargil Vijay Divas (26 July 2021):** An online poster-making competition based on the theme 'Tribute to the Unsung Heros' was conducted by the NCC Unit of the college at the District level. Lamps were also lightened by the cadets at home at night to pay homage to the brave soldiers who sacrificed their lives in the Kargil War.
  - **Fit India - Freedom Run (14 August 2021):** Fit India Freedom Run was conducted by the NCC unit of our college in association with the Physical Education department of the college on 14<sup>th</sup> August 2021. 75 students participated in the event.
  - **Independence Day Celebration (15 August 2021):** The Independence Day celebrations were coordinated by the NCC unit of the college with unprecedented patriotic fervour on 15<sup>th</sup> August 2021. The programme commenced at 8.30 a.m. Lt. Abin Albert T., Associate NCC Officer of the unit delivered the welcome speech. Dr. Mathew V., Principal of the college hoisted the National Flag at 8.45 a.m. and the NCC band troop played the National Anthem which echoed in the entire campus and followed by the contingent parade by the NCC cadets. The Principal Dr. Mathew V. gave Independence Day message to the gathering. NSS volunteers performed a patriotic dance and sang a song. It was followed by a wonderful band display march by the NCC cadets. At the end of the programme, sweets were distributed among the gathering.
  - **Gandhi Jayanthi (2 October 2021):** As part of the celebration of Gandhi Jayanthi, the NCC cadets of the College has conducted a cleaning drive programmes.
  - **Cleaning Drive Campaign (31 October 2021):** A cleaning drive campaign was conducted on the campus by the NCC unit. The cadets cleaned the college premises.
  - **NCC Day Celebration (27 November 2021):** As the part of the celebrations, fruit saplings were planted on the campus.
  - **Tribute to CDS General Bipin Rawat and the Soldiers (9<sup>th</sup> December 2021):** As a tribute to the CDS General Bipin Rawat, his wife and 11 soldiers who lost their lives in the accident, the NCC cadets lighted candles along with their family at their homes.
  - **Puneeth Sagar Abhiyan (19 December 2021):** A mega cleaning drive by the Eco Warriors of 11 Kerala BN NCC, Alappuzha, under NCC Group HQ Kollam Group at Alappuzha Beach. Sri Rajappan, Sri Biju Bala Subramanian, Colonel C.J Antony were

guests of honors. Swachhta Agrahi (Beach Cleaning Staff) were felicitated for their relentless service. Swachhta Pledge was taken in the occasion.

- **Annual Training Camp (24-30 December 2021)**
- **National Youth Festival (12 – 16 January 2021):** The NCC units of St. Michael's College, Cherthala and St. Joseph's College, Alappuzha jointly organised events in National Youth Festival 2021.

### **National Service Scheme (NSS)**

In addition to the observance of important days, the NSS units of the college conducted a myriad of extracurricular and extension activities during the 2021-2022 academic year.

#### **Health Related Observance of Days**

Malaria Day (25 April 2021)

International Nurses Day (12 May 2021)

International Family Day (15 May 2021)

HIV Vaccine Day (18 May 2021)

Awareness Day on Violence Against Senior Citizens (15 June 2021)

Anemia Awareness Programme (21 June 2021)

Global Parents Day (25 July 2021)

Pocso Awareness Class (17 September 2021)

International Day of Older Persons (1 October 2021)

Aadarav 2021 (27 October 2021)

Children's Day (14 November 2021)

Aids Day (1 December 2021)

Voluntary Blood Donation (10 March 2022)

Medicine and Wheelchair Donation (7 February 2022)

Palliative Care Visits (18 January 2022)

#### **Environment-Related Observance of Days**

World Earth Day (22 April 2021)

International Day of Biodiversity (22 May 2021)

World Environment Day (5 June 2021)

Ozone Day (16 September 2021)

Animal Welfare Day (4 October 2022)

World Soil Day (5 December 2021)

World Wetlands Day (2 February 2022)

World Water Day (22 March 2022)

### **Social Service Programmes**

**SPARSAM (27 December 2021):** Drug awareness campaign conducted in collaboration with University of Kerala. ‘Vimukthi Jwala’ (Candle Light and Oath Taking) and drug awareness classes were conducted.

**Plastic Awareness Campaign (15 July 2021):** The unit conducted a plastic bottle collection drive at college and at adopted village.

**Clean India (29 October 2021):** Volunteers took leadership to clean the campus and its surroundings. This Programme was initiated in association with the Nehru Yuva Kendra.

**Donating Hair on Cancer Day (4 February 2022):** The National Service Scheme unit of St. Michael's College launched a one-week hair donation campaign on international cancer day and named RECONNECT 2022. Dr. Seena Kurian, the programme officer, inaugurated the initiative by donating hair.

**Chellanam Harbour Cleaning Project (12 March 2022):** For this, the unit made a collaboration with Alappuzha Forona KLCA, Kandakkadavu, an organization involved in community service.

NSS has accomplished the following extension activities with success.

Donating Mobile Phones (13 June 2021)

Clean Campus Drive (15 July 2021)

'Liber' Book Donation Campaign (30 September 2021)

Resumption Of Kasturba Kendra (14 January 2022)

Medicine and wheelchair Donation (7 February 2022)

Cancer Care Project (23 March 2022)

### **Women Empowerment Programmes**

Mother's Day (9 May 2021)

Dowry Prohibition Act (24 July 2021)

Empower: Gender Relationship and Law Awareness (31 July 2021)

International Day for the Elimination of Violence Against Women (25 November 2021)

Women's Day Rally (8 March 2022)

Women's Day at Kasthurba Kendram (8 March 2022)

### **Economic Development Programmes**

Survey on After Effects of Corona Virus (13 April 2021)

National Paper Bag Day- Go Green, Plastic Is Obscene (12 July 2021)

Agrow 2k21- The NSS units are actively doing organic agriculture activities on campus. Marigold, tapioca and sunflower are cultivated successfully.

Annual Special Camp was conducted from 27.12.2021 to 02.01.2022.

### **Women Cell**

**Training Programme on Personality Development (24 November 2021):** Women Cell in association with KSWDC organised the training programme on Personality Development. The training was given to the students via an online session on 24th Nov 2021 at 5. 30 pm. The session was handled by Mrs. Maria Garetto M.A, High School Teacher, Little Flower High School, Njarakkal who is a trainer cum motivational speaker and also the convenor of Kasthurba Vanitha Vedi..

**Rally on Gender Equality (8 March 2022):** Women Cell Unit of St Michael's College Cherthala in association with KSWDC organised a community intervention programme on 8th March 2022 in connection with Women's Day celebrations. A rally upholding the theme of Gender Equality was flagged off prior to the commencement of the celebrations.

**Training Programme on Stress Management (26 March 2022):** Women Cell Unit of St Michael's College, Cherthala in association with KSWDC organised a training session on Stress Management on 26th March 2022.

**Gender Awareness Programme on Changing Role and Status of Women in Family (19 March 2022):** Women Cell unit of St Michael's College in association with KSWDC organised a gender awareness programme on 19 March 2022 at 3 p.m. by Dr. Elizebeth. M. J retired Head, Zoology Department, Catholicate College, Pathanamthitta. She conducted a session on "Changing role and status of women in family".

**Self Defense Training Programme (25 March 2022):** In association with KSWDC, Women Cell organised a self-defense training programme on 25th March 2022 under strict covid protocol. The interested students were selected on a prior date and informed to report on the day programme scheduled.

**Film Screening and Discussion Forum (16 March 2022):** Women Cell of St. Michael's College, in association with KSWDC organized a Film Screening and Discussion Forum, on 16th March 2022.

### **College Students Union**

The elected College Union members under the leadership of Chairperson Ms. Sulekha Shibu were sworn in and taken charge of their duty of College Union 2021-'22 on 21<sup>st</sup> February, 2022. Dr. Antony P.J., Assistant Professor in Zoology appointed as the Staff Advisor of the Students Union. The official inauguration of the Union and Arts Club was held on 3<sup>rd</sup> March 2022. Annual Sports Competitions for the students were held during 8-11<sup>th</sup> March 2022. Ms Mary S., Arts Club Secretary of the Union coordinated the arts competitions for students which were conducted from 23<sup>rd</sup> to 25<sup>th</sup> March 2022. Writing, painting, and drawing competitions were held on 23<sup>rd</sup> and 24<sup>th</sup> of March. Arts Day was celebrated on 25<sup>th</sup> March with the conduct of stage competitions. College Day was held on 30<sup>th</sup> March 2022. The Union also took initiatives for the participation of students in the University Youth Festival conducted in Kollam. Ms. Sethulakshmi of second year B. Com bagged second position in the overall point list of Kalathilakam category in the University Youth Festival.

### **Chemforum – 2021: Inauguration of Chemistry Association (29 September 2021)**

The Department of Chemistry, organised the inauguration of Chemistry Association 'Chemforum – 2021' on 29th September 2021 in online mode. The keynote speaker for the event was Dr. Anumol Ashok, from the Department of Materials and Environmental Chemistry at Stockholm University in Sweden. The topic of the talk was "Electron Microscopy."

### **Science Club**

A making video competition was conducted by the science club in association with Department of Physics in connection with the Science Day celebration.

## Other Activities

**Budget Live Discussion Radio Neythal Alappuzha (4 June 2021):** On 4<sup>th</sup> June 2021, Dr. Antony Kuriakose P. participated in the Budget Live Discussion organised by Radio Neythal Alappuzha.

**Financial Education for Students (7 January 2022):** Dr. Liance Mathew, a faculty member of the Department of Economics Cochin College, conducted a two-day financial education programme for students as part of Corporate Social Responsibility (CSR) initiative by Kotak Securities Ltd. The programme aimed to enhance financial literacy and promote responsible investing among students.

**Manuscript Publishing:** JWALA, a handwritten magazine, was published by the Women Cell of St. Michael's College, Cherthala. It comprised stories, poems, pencil sketches, paintings, quizzes, mathematical puzzles, etc. written by the Women Cell members. This venture provided opportunities for the budding writers to express their talents.

**Study Tour (24 – 27 March 2022):** Study tour of Final year BSc Zoology students was organised to Kodaikanal, Kambam and Thekady for four days from 24<sup>th</sup> to 27<sup>th</sup> March 2022. 30 students and 3 staff participated in the tour. In Kodaikanal, different ecosystems including Lake, pine forest, and botanical garden were visited. In Kambam, the team visited grape plantations, wine fermentation and manufacturing units. Students could see and learn about the activities going on in the grape and wine industry. In Thekady, the team visited Periyar National Park and Periyar lake. The tour provided exposure to students to different ecosystems and biodiversity of nature.

**Talk on Career Guidance and Opportunities in the Field of Electronics and Communication (21 April 2022):** On 21<sup>st</sup> April 2022, B.Voc. Software Development conducted a talk on career guidance and opportunities in the field of electronics and communication for students of non-electronics background. Professor Dr. Alex P James from Digital University Kerala led the class.



## INFRASTRUCTURE AUGMENTATION

In the academic year 2021-2022, St. Michael's College carried out its infrastructure augmentation through construction and renovation works. The financial requirements for these endeavours were fulfilled through funding from RUSA, MP Fund, and Management Fund.

RUSA is a central sector scheme implemented in the college since 2019 and the construction and renovation proposals approved are progressing as scheduled. The total allocation for the scheme is two crores. Out of the total amount 97.3 lakhs was for the construction of an examination hall cum coaching center while Rs. 82.7 lakhs was allocated

for the renovation of the ladies' toilets, the Physics and Zoology lab, and the roof slab of the college. During 2021-22 the college has spent Rs. 45,36,401 from RUSA scheme for the construction and renovation works. The scheme is being managed by the Board of Governors and Project Monitoring Unit duly constituted as per the norms of the government. The construction of an examination cum coaching hall on the second floor above the Department of English in the northern block of the main building started during 2021-22. The laboratory attached to the Department of Physics was renovated under RUSA scheme. Floor tile laying of the college portico and nearby common areas were also carried out using the RUSA fund during this period.

Construction of a new block with three classrooms near the Department of Chemistry was completed during the period using MP-allocated government funds.

Besides the day-to-day running and maintenance expenditures, the college management reformed two rooms of the college viz. Vice Principal's room and Board Room with conference facility. A 62.5 KVA Greaves Generator was also installed.

The financial support from Parent Teacher Association (PTA) is also worth mentioning. During 2021- 2022 with the financial support from PTA, a Reverse Osmosis Water Purifier was installed in the campus. The PTA donated 60 benches and desks to the classrooms.

## CONCLUSION

Despite the challenges posed by the Pandemic, St. Michael's College successfully navigated through adversities, exploring new possibilities, and accommodating the changes. The activities of 2021-2022 stand in testimony to the unwavering dedication and collaborative spirit of our students, staff, and management. A heartfelt appreciation to Principal Dr. Mathew V, the stalwart educator and administrator who is retiring from active service. Many thanks to all the teachers, non-teaching staff, students, parents, and stakeholders for their steadfast support. St. Michael's College remains committed to strive for excellence, achieving milestones to reach the pinnacle of success.