



# CHRIST NAGAR COLLEGE

## MARANALLOOR, TRIVANDRUM

A CMI Educational Institution | Affiliated to the University of Kerala



### FACULTY PROFILE

1	Name of the Faculty	Dr.Mary Mettilda Rose V		
2	Name of the Department	Mathematics		
3	Educational Qualifications	M.Sc, M.Phil, P.hd		
4	Present Position	HOD		
5	Address for correspondence	TC 27/2021, Lenin Nagar Thiruvananthapuram -- 14		
6	E-mail	Mety_rose@yahoo.co.in		
7	Contact number	9447495290		
8	Total Teaching Experience	Level	Years of Service	Institution
		UG	41	All Saint's College(1980—2013} Trinity College of Engg.(2013—2019} Christ Nagar College ;2020 onwards
		PG	25	All Saint's College
9	Courses taught	All UG/ PG Mathematics branches,		
10	Research experience	10 years		

**11. Participation in Conferences, Symposia, Seminars and Workshops: International, National, State or University Level, Attended, Presented Paper, Chaired Session & Resource Person.**

Sl.No.	Name of Conference/ Seminar etc.	Organized by	Dates and Year	National/ International/ State/ University level	Attended/ Paper presented/ Chaired session/ Resource person etc.
1	<b>Astro Physics (Cosmos2021)</b>	Kerala State Science and Technology Museum & Christ Nagar College	20 <sup>th</sup> March 2021	National Workshop	Attended
2	<b>Locating Human Rights: Trajectories and Discourses</b>	Human Rights Forum, All Saints' College, in association with Manoj and Chithra, International Legal Service Providers	11 <sup>th</sup> & 12 <sup>th</sup> December 2020	International Conference	Attended
3.	<b>Popularisation of Remote Sensing Based Maps and Geospatial Information</b>	Indian Society of Remote Sensing and Indian Space Research Organisation	11 <sup>th</sup> August 2017	National Workshop	Attended
4.	<b>Semigroups and Applications</b>	Department of Mathematics University of Kerala, Thiruvananthapuram.	9 <sup>th</sup> to 11 <sup>th</sup> August 2006	International Symposium	Attended

5.	<b>DEMOCRATIC &amp; SECULAR EDUCATION</b>	Government of Kerala at the University Campus, Kariavattom	4-6 December 2008	International Seminar	Attended
6.	<b>RESENT TRENDS IN TOPOLOGY AND ITS APPLICATIONS</b>	Centre for the Post Graduate Studies and Research Department of Mathematics St. Joseph's College, Irinjalakuda	19-21 March 2009	International Seminar	Paper Presented
7.	<b>“GROUPOID SEMIGROUPS AND AOTOMATA” (ICGSA 2010)</b>	Mathematics University of Kerala, Thiruvananthapuram	10-12 August 2010.	International Conference	Attended
8.	<b>Disaster Risk Reduction and Contingency Planning Surakshaayanaam 2012</b>	Jointly organized by Department of Revenue and Disaster Management Government of Kerala, Kerala State Disaster Management Authority and Institute of Land and Disaster Management	9 <sup>th</sup> - 10 <sup>th</sup> March 2012	International Workshop	Attended

9.	Mathematics Education and Mathematics in Engineering and Technology Sponsored by KSCSTE.	Mohandas College of Engineering and Technology, Thiruvananthapuram	17 to 20 December 2013	International Conference	Paper presented
10.	<b>“Algebra, Analysis and Discrete Mathematics” (NSAADM-2012)</b> organized by the from	Department of Mathematics University of Kerala	February 8-10, 2012	National Seminar	Attended
11.	<b>“Charting New Territories: Cartographies of Popular Media and Culture”</b> organized by the on	Department of English, All Saints’ College	18 and 19 August 2011.	National Seminar	Attended
12.	<b>Emerging Trends in Material Science</b>	Departments Physics and Chemistry on at All Saints’ College	20 <sup>th</sup> and 21 <sup>st</sup> July 2011	National Seminar	Paper Presented
13.	<b>Empowerment of Women”</b>	Nesamony Memorial Christian College, Marthandam Tamil Nadu	11 <sup>th</sup> September 2009	National Seminar	Attended
14.	<b>Engendering Health : New Paradigms</b>	Centre for Women Studies. University of Kerala	March 8, 2008	National Seminar	Attended
15.	<b>Panchayati Raj and Empowerment of Muslim</b>	<b>Department of Islamic History, Mannaniya</b>	Mach 28, 2008.	National Seminar <sup>i</sup>	Attended

	<b>Women in Kerala”</b> organized by the on Mach 28, 2008.	<b>College of Arts and Science</b>			
16.	<b>Revised NAAC Norms and Procedures</b>	<b>St.Joseph’s College (Autonomous)</b>	7- 15 January 2021	7 – Day Workshop	Attended
17.	<b>Developing Mentoring Competency</b>	<b>St. Teresa’s College(Autonomous), Ernakulam</b>	20 <sup>th</sup> March 2021	UGC Sponsored Workshop	Attended
18.	<b>An Introduction to Mathematical Optimal Control Theory</b>	<b>Sree Narayana College Kollam</b>	24 <sup>th</sup> May 2021	National Webinar	Attended
19.	<b>Complex Diseases: Yoga in Health Promotion and Management</b>	<b>Sree Narayana College Kollam</b>	7-6-2021	Webinar	Attended
20.	<b>Ocean Technologies in India</b>	<b>Sree Narayana College, Kollam and Ocean Society of IndiaCochin</b>	8-6-21	Webinar	Attended

		<b>Chapter</b>			
21.	<b>Applications and Opportunities of Analysis</b>	<b>Sree Narayana College, Chathannur</b>	18 <sup>th</sup> June 2021	National Webinar	Attended
22.	<b>Infodemic in Times of Pandemic</b>	<b>Sree Narayana College, Kollam</b>	20 <sup>th</sup> June 2021	Webinar	Attended
23.	<b>‘Predict your Health with Genomics</b>	<b>Sree Narayana College, Kollam</b>	23 <sup>rd</sup> June 2021	Webinar	Attended
24.	<b>NAAC Accreditation Process</b>	<b>Loyola College of Social Sciences (LCSS), Thiruvananthapuram In Collaboration with Kerala State Higher Education Council (KSHEC)</b>	24 <sup>th</sup> June 2021	<b>Online Symposium</b>	Attended

**25. Positions held in Co-curricular and Extra-Curricular Activities.**

Sl. No	Name of the Activity	Year	Chairman / Coordinator / Member
1	<b>An Intra- City Initiatives Quiz Competition on “Freedom Struggle” on for all NSS volunteers of Kerala University at All</b>	<b>15<sup>th</sup> August 2006</b>	<b>Chairman</b>

	<b>Saints' College.</b>		
2	<b>In the receiving ceremony of the Korean Youth Team at Thiruvananthapuram Airport with NSS and NEHRU UVA KENDRA as part of Indo-Korea Youth Cultural Exchange programme on and arranged Cultural Programmes in the College with the Korean Team.</b>	<b>16<sup>th</sup> November 2006</b>	<b>Coordinator</b>
3	<b>Organized an All Kerala Inter-Collegiate Mathematics Quiz Competition at All Saints' College.</b>	<b>14<sup>th</sup> January 2011 and 2012</b>	<b>Coordinator</b>

**26. Refresher/Orientation/Faculty Development Programme / Short Term Courses Attended**

Sl. No	Name of programme	Year	Duration
1	U.G.C. Sponsored Refresher Course in <b>Mathematics</b> conducted by <b>UGC-Academic Staff College, University of Kerala.</b>	<b>1995</b>	<b>25-10-1995 to 15-11-1995.</b> <b>22 days</b>
2	U.G.C. Sponsored Refresher Course in <b>Mathemtics</b> conducted by UGC-Academic Staff College, University of Kerala	<b>1997</b>	<b>22-12-1997 to 12-01-1998</b> <b>22 days</b>
3	U.G.C. Sponsored Refresher Course in <b>Computer Application</b> conducted by UGC- Academic Staff College, University of Kerala	<b>2001</b>	<b>16-07-2001 to 06-08-2001.</b> <b>22 days</b>
4	U.G.C. Sponsored Refresher Course in <b>Women's Studies</b> conducted by UGC-Academic Staff College, University of Kerala from	<b>2011</b>	<b>02-11-2009 to 23-11-2011</b> <b>22 days</b>

5	Orientation Program in <b>NSS</b> at Rajagiri College of Social Sciences, Kalamasery.	2006	4 <sup>th</sup> to 13 <sup>th</sup> July 2006
6	Orientation Program for <b>College teachers in Mathematics</b> to familiarize the semestrarization of the U.G. programme under <b>Choice Based Credit and Semester System</b> conducted by UGC- Academic Staff College, University of Kerala	2010	26 <sup>th</sup> and 27 <sup>th</sup> July 2010. 2 days
7	Orientation Program to the <b>Teaching staff of the Colleges</b> on the Regularizations of Choice Based Credit and Semester System at Mar-Ivanios College, Thiruvananthapuram	2009	9 <sup>th</sup> December 2009
8	Orientation Program to the <b>Conveners of the College Level Monitoring Committee (CLMC)</b> at the University Senate Chamber.	2011	10 <sup>th</sup> March 2011
9	Orientation On “ <b>Adolescent and Young Adults – Pre-marital Counselling</b> ” organized by Child Development Centre in association with National Service Trivandrum	2011	19 <sup>th</sup> October 2011. One day
10	FDP, Trinity College of Engineering	2018	18-20 <sup>th</sup> July 2018, 3 days
11	FDP Online Platform St. Joseph’s College (Autonomous), Bengaluru.	2021	7 – days. 7-15 January 2021
12	FDP Online Platform PRDS College of Arts and Science, Kerala.	2021	7 – days
13	FDP Online Platform Sree Narayana Guru College, IQAC Bharathiyar University	2020	8 days 11-18 <sup>th</sup> December 2020
14	Refresher course Sri Sai Ram Institute of	2021	15 days 31 <sup>st</sup> May to 14 <sup>th</sup> June



	Management Studies, and Engineering college, Channai		2021
15	One Week (7 Days) online Short-Term Faculty Training Programme (Interdisciplinary) on “DIGITAL CONTENT MANAGEMENT ON E-LEARNING” Sree Narayana College for Women,, Kollam	2021	7 days June 13th to June 19th of 2021

27. Publication of Research Papers: in Peer Reviewed Journals, Non-Peer Reviewed Journals, Conference Proceedings, Impact Factors, Citations, h-Index. Numbers in SCOPUS.

Sl. No	Name of Faculty	Publications	Citation Index	Impact Factor	h-index
1	Dr.Mary Mettilda Rose	Conference Proceedings			

Sl. No	Author’s Title of the Paper	Name of Journal	ISSN No.	Impact factor h-index	National / International
1	Adjunction Semigroup Compactification				

28. Conferences, Seminars, Symposia and Workshops Organized as Convener/Coordinator:

Sl. No	Name of Programme	Dates	Venue/ Platform	Position held
1	A National Seminar on “FACETS OF ASTRONOMY” sponsored by the Kerala	19 <sup>th</sup> January 2006	All Saints’ College, Thiruvananthapuram.	Convener Published the

	<b>State Council for Science, Technology and Environment on Also</b>			<b>proceedings</b>
2	<b>International Seminar on “INDIAN MATHEMATICS”</b>	1 <sup>st</sup> August 2006	<b>All Saints’ College, Thiruvananthapuram. .</b>	<b>Convener  Published the proceedings</b>
3	<b>National Seminar on “OPERATIONS RESEARCH AND APPLICATIONS” sponsored by the Kerala State Council for Science, Technology and Environment.</b>	17 <sup>th</sup> to 19 <sup>th</sup> January 2007.	<b>All Saints’ College, Thiruvananthapuram</b>	<b>Convener  Published the proceedings of the National Seminar.</b>
4	<b>Organised an Inter Collegiate Workshop on HEALTH AND HYGIENE</b>	26 <sup>th</sup> January 2007.	<b>All Saints’ College</b>	<b>Convener</b>
5	<b>State Level Workshop on “DATA STRUCTURE USING C” sponsored by the Kerala State Council for Science, Technology and Environment for College teachers to familiarize the new curriculum.</b>	9 <sup>th</sup> to 11 <sup>th</sup> January 2008	<b>All Saints’ College</b>	<b>Convener  Published the proceedings</b>
6	<b>National Seminar on “APPLICATION OF</b>	1-3	<b>All Saints’ College</b>	<b>Convener</b>

	<b>DATA STRUCTURE IN MATHEMATICS” sponsored by CSIR for College teachers.</b>	<b>December 2008</b>		<b>Published the proceedings of the National Seminar.</b>
7	<b>U.G.C sponsored National Seminar on “TOPOLOGY, CATEGORY THEORY AND THEIR APPLICATIONS TO COMPUTER SCIENCE”</b>	<b>October 23 – 24, 2009.</b>	<b>ALL SAINTS’ COLLEGE, THIRUVANANTHAPURAM</b>	<b>Convener  Published the proceedings of the National Seminar.</b>
8	<b>A National Seminar on “GENDER AND CULTURE” sponsored by University of Kerala and Centre for Women’s Studies, University of Kerala</b>	<b>21,22 January 2010</b>	<b>All Saints’ College.</b>	<b>Coordinator  Published the proceedings</b>
9	<b>State Level Workshop on “Maple – A Mathematical Tool” sponsored by the Kerala State Council for Science, Technology and Environment.</b>	<b>5<sup>th</sup> to 7<sup>th</sup> January 2011</b>	<b>All Saints’ College.</b>	<b>Convener  published the proceedings of the State level Workshop.</b>
10	<b>National Seminar on “LATEX PROGRAMMING” sponsored by the Kerala State Council</b>	<b>11<sup>th</sup> to 13<sup>th</sup> January 2012.</b>	<b>All Saints’ College.</b>	<b>Convener  Also published</b>

	<b>for Science, Technology and Environment</b>			<b>the proceedings of the National Seminar.</b>
11	<b>One day Inter-Collegiate Regional Seminar on “Life Style Diseases” for NSS volunteers at our College.</b>	<b>15<sup>th</sup> March 2012</b>	<b>All Saints’ College.</b>	<b>Convener</b>
12	<b>Organised three day Workshop on Latex Programming sponsored by Kerala State Council for Science, Technology and Environment.</b>	<b>9<sup>th</sup> to 11<sup>th</sup> December 2013</b>	<b>Trinity College of Engineering</b>	<b>Convener</b>

29. Major research projects completed: Nil

Sl. No	Title of the project	Date of sanction and duration	Grant received	Funding agency	PI or Co-PI
1					

30. Minor research projects completed:

Sl. No	Title of the Project	Date of Sanction and Duration	Grant Received	Funding Agency	PI or Co-PI
1	Applications of Category Theory		One Lakh	UGC	PI

**31. Awards / Recognitions Received:** International, National, State, University level: Editorial Board, Reviewers for Journals, Teachers Awards, Prize in Poster Presentation, Paper Reading in Conference/Seminar, Awards related to Social work etc.

1. On 14<sup>th</sup> June Terumo Penpol Ltd, . Honored for **out standing support in the promotion of Voluntary Blood Donation** for the years 2005-2006, 2006-2007, 2007-2008 2011-12 and 2013-14.
2. Sree Chithra Thirunal Institute for Medical Sciences and Technology, Thiruvananthapuram awarded appreciation of being a **Regular Voluntary Blood Donor Organizer** in the year 2006-2007.
3. Sree Chithra Thirunal Institute for Medical Sciences and Technology, Blood Bank Thiruvananthapuram Felicitate on the occasion of World Blood Donor Day June 14<sup>th</sup> 2007, 2009 and 2011 **for having saved precious lives through her commitment towards the Voluntary Blood Donation** Programme
4. Won the **Best NSS Programme Officer Award from University of Kerala** for having done Exemplary Service through the National Service Scheme as Programme Officer during the years 2006-2007 and 2011-2012.
5. Won the **Best NSS Programme Officer State Award and University of Kerala** during the year 2006-2007
6. Received the Latin Catholic Iykkiyavedhi. Silver jubilee **Vishishta Seva Ratna Award 2012.**
7. Best Principal Award on May 2013.

