



ST.MARY'S COLLEGE MANARCADU, KERALA

Affiliated to MG University, Kottayam | 'B' Grade by NAAC

Faculty Profile

Name : Tony Francis
Designation : Assistant Professor
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Higher Education

2014-15	• Mphil Chemistry , School of Chemical Sciences
2011-13	• MSc Chemistry , St. Mary's College, Manarcaud
2008-11	• BSc Chemistry , St. Thomas College, Pala

Teaching Experience

2015- Present	Assistant Professor, Department of Chemistry, St.Mary's College, Manarcaud
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Institutional Responsibilities

2021-Present	Placement Officer
2021- Present	President, IIC
2019-Present	SWAYAM, SPOC

Social Responsibilities Held

2024	Presiding Officer, Lok Sabha
2024	Observer- NEET 2024

Awards and Achievements

2018-19	Best NSS Programme officer , MG Univeristy
01 to 07 March 2019	Contingent Leader from Mahatma Gandhi University for NSS National Integration Camp-2019 held at Government First Grade College, Ranebennur, Karnataka

Research Publications

Savitha Nair, **Tony Francis**, C. P Reghunadhan Nair, and Suresh Mathew (2021). *Metal oxide/ Metal organic framework Composite Catalyst as Dopant on Ammonium perchlorate*. Propellants, Explosives, Pyrotechnics, 2022, 47, e202100208 <https://doi.org/10.1002/prop.202100208>

Anns George, Adon Jose, T Krishnapriya, **Tony Francis**, Cyriac Joseph, Dr. P.R. Biju *Enhanced Luminescence of Host Sensitized Ca₂Sb₂O₇:Dy³⁺ Single Phase Direct White Light Emitting Phosphor*, Journal of Solid state Chemistry, Volume 305, January 2022, 122625, <https://doi.org/10.1016/j.jssc.2021.122625>

Paper Presentations

Presented a paper on “A Multifunctional Cobalt-Based Coordination Compound Exhibiting Thermochromism and Solvatochromism for Sensing Applications“ at the Two Day National Conference on Energy Materials and Environment (EME 2024) co-sponsored by Kerala State Council for Science Technology and Environment (KSCSTE), Govt. of Kerala, held at Catholicate College, Pathanamthitta, Kerala, India on 13th & 14th June 2024

Presented a paper on “Cobalt-Formate Metal Organic Frameworks Solvothermal synthesis, Crystal Structure and Hirshfeld Analysis” in the three day International conference on Advance research on 07-09 February 2024 at MES Keveeyam College, Valanchery, Malapuram Kerala, in association with Kerala State Higher Education Council

Presented a poster in the National Conference on Recent Advances in Chemical Sciences (RACS 2023) organized by School of Chemical Sciences, Mahatma Gandhi University, Kottayam during 13 to 15 December 2023.

Presented a paper on “Calcium nanometal organic frameworks” in the DST-SERB sponsored International Conference - ICAFM 2018 at St. Berchmans College, Changanassery (09-10 October 2018)

Project Guidance

2019-20	Guided KSCSTE Student Project titled “Synthesis and Characterization of Calcium based Magnetic Metal-Organic Frameworks”
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Seminar/Conferences/Workshops Organized

16 December 2019	National Seminar and All Kerala Inter- Collegiate Quiz Competition as a part of Celebrating International Year of Periodic table (IYPT-2019)
17 to 31 May 2020	Coordinated Webinar Series-2020 at St. Mary’s College, Manarcaud
31 October, 7 & 14 November 2020	Coordinated Webinar Series on Exciting and Endless Opportunities in Chemistry at St. Mary’s College, Manarcaud

Faculty Development Programmes Attended

01-28 Feb, 2018	Orientation Course, Punjabi University Patiala
09-15 September 2020	Participated In One Week Faculty Development Program on “ Research Ethics And Characterization Techniques In Material Sciences” jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalasa College and Bishop Moore College, Mavelikara and St. John’s College, Agra.
23-29 June 2020	Participated in One Week Faculty Development Programme on “ Entrepreneurship, Incubation and Innovation” organized by Teaching Learning Centre, Ramanujan College, University of Delhi.
18 April- 02 May 2020	Participated in Two weeks MOOC course on “ Online Learning and Content Development” organized by FLAIR Kerala, Directorate of Collegiate Education, Kerala
20 April -06 May 2020	Participated in Two Week Faculty Development Programme on “ Managing Online Classes and Co-creating MOOC” organized by organized by Teaching Learning Centre, Ramanujan College, University of Delhi.
16. February 2020	Successfully completed the ARPIT Course for Career Advancement Scheme (CAS) promotion Online Refresher Course In Chemistry for Higher Education by Sri. Guru Tegh Bahadur Khalsa College, University of Delhi. A SWAYAM ARPIT Online Course.