

COLLEGE WEBSITE- FACULTY PERSONAL PAGE DATASHEET

PERSONAL

Name	Dr. Suma Bino Thomas
Department	Chemistry
Year of Joining	24th January 1996
Address	Residential: VAVOLICKAL NEAR CMS COLLEGE, KOTTAYAM
Phone (Mob :)	9446125353
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Email	sumapm@gmail.com
Academia URL(not mandatory)	
Research GateURL (not mandatory)	

College-level Duties and In-charge

Duty	Position	Duration
Music Club	Teacher-in-charge	2007-2008
NSS	Programme officer	2008-09,2011-12
Chemistry Association	Teacher-in-charge	2010-11
Arts Club	Teacher-in-charge	2011-13
PTA	Secretary	2013-14
Class teacher ship		D1,D2,D3-2011-14,M1, M2-2014-16; M1-2016-17
UGC Sponsored National seminar (MTROC-12)	Organising secretary	2012
Internals	Co-ordinator	2013 onwards
Walk with a Scholar	Co-ordinator	2014-17
Staff Council	Secretary	2015-16
Prathibhasangamam	Convenor	2016-17

Qualifications

Degree	Rank	Institute	University
M. Sc.	1 st rank with distinction	Department of Applied Chemistry, COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY	COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY

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Research Degrees

Degree	Institute	University
M.Phil	School of Chemical Sciences, Mahatma Gandhi University	Mahatma Gandhi University
Ph.D	School of Chemical Sciences, Mahatma Gandhi University	Mahatma Gandhi University
CSIR-UGC JRF and NET	Qualified in 1990	

Research	No. s	Journals in which published
National Publications	-	
International Publications	3	International Scientific Journal on Science, Engg.&Technol, International Journal of Innovative Research in Science, Engineering and Technology, International Journal of Innovative Research and Advanced Studies
Seminars Attended	26	
Workshops	10	
Paper Presentations National	7	<ol style="list-style-type: none"> 1. Presented a paper entitled 'Preparation of crosslinked poly (1-vinyl 2-pyrrolidone) supported chromates and its application as oxidizing agent' in a National Seminar on Recent Trends in Organic Chemistry hosted by Department of Chemistry, Christian College, Chengannur, on 16- 18 January 2009. 2. Presented a paper entitled 'Effect of crosslinking on the reactivity of Polyacrylamide-supported chromates' agent' in a National Seminar on Modern Trends in Organic Chemistry hosted by Department of Chemistry, Baselius College, Kottayam, on 23rd and 24th February 2012. 3. Presented a paper entitled "Removal of dyes from aqueous solution using passion fruit peel as low cost adsorbent" in a UGC Sponsored National Seminar "Environmental Conservation and Sustainable Living" organized by Department of Chemistry, Deva MathaCollege, Kuruvilangad, on 11th and 12th September 2013. 4. Presented a paper entitled "Removal of cationic dyes from aqueous solution using potato peel waste: a kinetic and equilibrium study" in a National Seminar on Tomorrow's Material Science (TMS-2013) hosted by Department of Chemistry, Govt. College for Women, Thiruvananthapuram, on 11th October 2013.

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		<p>5. Presented a paper entitled 'EGDMA and HDODA crosslinked Polyacrylamide supported alanine as sorbent for hazardous metals' in the National Seminar on Recent Trends in Chemistry hosted by Department of Chemistry, Baselius College, Kottayam, on 6th and 7th November 2014.</p> <p>6. Presented a poster entitled 'Application of sawdust as low cost adsorbent for the removal of heavy metals' in the National Seminar on Recent Trends in Chemistry hosted by Department of Chemistry, Baselius College, Kottayam, on 6th and 7th November 2014.</p> <p>7. Presented a poster entitled 'Removal of dyes using mango leaves as low cost adsorbent' in the National Seminar on Recent Trends in Chemistry hosted by Department of Chemistry, Baselius College, Kottayam, on 6th and 7th November 2014.</p>
Paper Presentations International	Nil	-
Minor Research Projects	1	"Removal of Cationic Dyes and Heavy metals from water using low cost adsorbents" UGC XII PLAN, 2011-13
Major Research Projects	Nil	-

Research Papers Published/Presented

1. **"Determination of crosslinked density of TEGDMA crosslinked styrene by swelling method"** Baselian Researcher, 2011.
2. **Removal of dyes from aqueous solution using passion fruit peel as low cost adsorbent, Explorations, Proceedings of the National Seminar "Environmental Conservation and Sustainable Living"** ISSN No. 2229-4783, Vol.4, 2 2013
3. **Removal of direct dyes from aqueous solutions using passion fruit as low cost adsorbent**, International Scientific Journal on Science, Engg.&Technol. Vol.17, No.10, Nov.2014, 955-963.(impact Factor 1.8)
4. **Effect of the Macromolecular Characteristics of the Polymer Support on the Reactivity of Polystyrene-Supported Chromates"** International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 5, Issue 7, July 2016. (IF- 6.029)
5. **Polyvinyl pyrrolidone-supported chromates as a recyclable heterogeneous oxidising agent**, International Journal of Innovative Research and Advanced Studies (IJIRAS) Volume 3 Issue 8, July 2016.
6. Presented a paper entitled **'Preparation of crosslinked poly (1-vinyl 2-pyrrolidone) supported chromates and its application as oxidizing agent'** in a National Seminar on Recent Trends in Organic Chemistry hosted by Department of Chemistry, Christian College, Chengannur, on 16- 18 January 2009.

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12. Presented a poster entitled **'Removal of dyes using mango leaves as low cost adsorbent'** in the National Seminar on Recent Trends in Chemistry hosted by Department of Chemistry, Baselius College, Kottayam, on 6th and 7th November 2014.

Memberships in Forums, Committees, Societies outside College

Organisation	Title	Since (Year)