

# COLLEGE WEBSITE- FACULTY PERSONAL PAGE DATASHEET

## PERSONAL

Name	<b>Dr. ANJU LINDA VARGHESE</b>
Department	<b>CHEMISTRY</b>
Year of Joining	<b>3<sup>rd</sup> SEPTEMBER 2012</b> <b>Transferred to Baselius College on 06-06-2019</b>
Address	<b>CHIRAKKUNNEL HOUSE</b> <b>MEKKADAMPU POST</b> <b>MUVATUPUZHA, ERANAKULAM</b>
Phone (Mob :)	<b>9846600644</b>
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Academia URL(not mandatory)	
Research GateURL (not mandatory)	<a href="https://www.researchgate.net &gt; 2152918373_Anju_Linda_Varghese">https://www.researchgate.net &gt; 2152918373_Anju_Linda_Varghese</a>

## College-level Duties and In-charge

Duty	Position	Duration
<b>Class in charge</b>	<b>B.Sc.</b>	2019-

## Qualifications

Degree	Rank	Institute	University
M. Sc.	II <sup>nd</sup>	Department of Chemistry, University of Calicut	University of Calicut
NET	NA	Cleared on 2012	

Degree	Institute	University
M.Phil.	Nil	
Ph.D.	Sacred Heart College( Autonomous) ,Thevara	Mahatma Gandhi University, Kottayam
PDF(1)	Nil	
Pdf(2)		

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## Research Degrees

Research	No. s	Journals in which published
National Publications	3	Catholicate Journal of Studies and Research, Discourse-Xaverian Research Journal, Chapters on NanoScience
International Publications	3	<i>Materials Today: Proceedings, Asian Journal of Chemistry, Chemical Science Transactions</i>
Seminars Attended	12	
Workshops	2	
Paper Presentations National	5	
Paper Presentations International	2	
Minor Research Projects	1	MRP-1872/14-15/ KLMG016/ UGC-SWRO
Major Research Projects	Nil	-

## Minor Research Projects

1. MRP-1872/14-15/ KLMG016/ UGC-SWRO, [12th PLAN] entitled 'Theoretical Investigation of Non Linear Optical Properties of Molecules Containing Naphthalene Linked to Nitrophenyl Group', Rs :- 5 lakhs

## Research Papers Published/Presented

### International

1. **A. L. Varghese**, I. Abraham&M. George (2019). DFT Studies on Nonlinear Optical Properties of N-[(Naphthalen-5-yl)methyl]-4-Nitrobenzamine. *Materials Today: Proceedings*, 9, 92-96.
2. **A. L. Varghese**, I. Abraham&M. George(2019).Structural Dependence of Non-Linear Optical Properties of Molecules Containing Naphthalene Linked to Nitrophenyl Group–A DFT Study. *Asian Journal of Chemistry*,31(3),505-509.
3. **A. L. Varghese** &M. George(2018). Theoretical Estimation of Nonlinear Optical Properties of Organic Framework Containing *p*-Nitroaniline Linked to Naphthalene/azanaphthalene Through Saturated Carbon Chain.*Chemical Science Transactions*,7(4),667-675.

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## National

1. **Anju Linda Varghese**, 'Food Habit's in Today's Changing World and its Health Impacts', Catholicate Journal of Studies and Research, Vol 3.No 1&2, Dec 2014, Pg No:81-85, ISSN:2249-149x'
2. **Anju Linda Varghese & M.George**, Theoretical Estimations of Nonlinear Optical Properties of Donor-Acceptor Derivatives of Naphthalene, Discourse-Xaverian Research Journal, Vol 5.No 2, Sep 2017, Pg No: 09-17, ISSN 2321-0214'
3. **Anju Linda Varghese**, 'Biomedical Applications of Noble Metal Nanocluster', Chapters on NanoScience, Published by UGC-HRDC Kerala University, ISBN 978-81-908006-2-4, Pg No:275-283

## Paper Presentations in International Seminars

1. **Anju Linda Varghese**, Ignatious Abraham and M.George, presented paper in *International* seminar on 'Advances in Photoresponsive Materials' (APRM-2017) conducted by Maharaja's College,Ernakulam on 'DFT Studies on Nonlinear Optical Properties of N- [(Naphthalen-5-yl)methyl]-4-Nitrobenzamine'
2. **Anju Linda Varghese**, P.L. Maria Linsha and M. George presented poster in *International* Symposium on New Trends in Applied Chemistry(NTAC-2019) conducted by Sacred Heart College, Thevara on 'Synthesis, Characterization, Nonlinear optical responses and optical limiting properties of aromatic derivatives of 2,4-Dinitroaniline'

## Paper Presentations in National Seminars

1. **Anju Linda Varghese** and M.George presented paper in Indian Analytical Science Congress 2018 conducted by Indian Society of Analytical Scientists& School of Chemical Sciences,Mahatma Gandhi University, Kottayam on 'Structural Dependence of NLO properties of molecules containing naphthalene linked to nitrophenyl group-A DFT Study'.
2. **Anju Linda Varghese** and M.George presented paper in 'Interdisciplinary Approaches in Materials and Biological Research' 2018 conducted by Mahatma Gandhi College, Thiruvananthapuram on Synthesis, Characterization and Nonlinear Optical Properties of N-(2,4-Dinitrophenyl) Naphthalen-1-Amine.

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3. **Anju Linda Varghese** and M.George presented paper in ‘Emerging Trends in Nanomaterials Science and Technology’2017 at Sree Neelakanta Govt.Sanskrit College, Pattambi, on ‘Synthesis, Characterisation and Nonlinear Optical Properties of *p*-nitroaniline picrate’
4. **Anju Linda Varghese** and M.George presented paper in ‘Trends in Green Chemistry 2017’ at St.Thomas College,Ranni on ‘Synthesis, Characterisation and Nonlinear Optical Properties of Picrates of Anthracene’
5. **Anju Linda Varghese** and M.George presented paper in national seminar on ‘New Frontiers in Theoretical Chemistry (NFTC 2018), on January 19- 20, 2018 at Catholocate College, Pathanamthitta on Non-Linear Optical Properties of N-[3-(Naphthalene-1-yloxy)butyl]-2,4-dinitroaniline and its Azanaphthalene Derivatives- A DFT Study

### Memberships in Forums, Committees, Societies outside College

Organization	Title	Since (Year)
Indian Society of Analytical Scientists	Life Time Member	2016

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