

NAME: Dr.NIKHILA M.P.

DESIGNATION: Assistant Professor

MOB: 9526686905

EMAIL: mnikhila21@gmail.com

EDUCATIONAL QUALIFICATION: Ph.D.,in chemistry, B.Ed.

AREA OF INTEREST: Physical chemistry

SPECIALISATION: Nano materials and Photocatalysis

TEACHING EXPERIENCE: 1 year

Designation	Institution	Period
Assistant professor on contract[state guest]	Vimala College (Autonomous)Thrissur	12/06/2018 to 05/03 2019
Assistant professor on contract[state guest]	Sree Narayana College Nattika	06/06/2019 to 02/11/2019

ADMINISTRATIVE POSITIONS HELD:

UGC MAJOR/ MINOR PROJECT:

PUBLICATIONS

Books

Peer-Reviewed Journal Articles

1. 2016- M. P. Nikhila and N. K. Renuka, **RSC Adv.**, 6, 24210–24217.
2. 2017- M. P. Nikhila, A. K. Akhila, T. Divya, M. Anju, T. V. Arsha Kusumam and N. K. Renuka, **CrystEngComm**, **19**, 511-518
3. 2020- M.P. Nikhila, Deepthi John, Mrinal R. Pai , N.K. Renuka , **Nano-Structures & Nano-Objects**, 21, 100420.
4. 2016- T.V.Arsha Kusumam , ThasleenaPanakkal , T.Divya ,M.P.Nikhila , M.Anju , K.Anas, N.K.Renuka, **Ceramics International**,42, 3769-3775.
5. 2017-Divya T., Nikhila M.P., Anju M., Arsha Kusumam T.V., Akhila A.K. , Ravikiran Y.T. , Renuka N.K., **Sensors and Actuators A** 261 , 85–93 .
6. 2016-M. Anju, T. Divya, M. P. Nikhila, T. V. Arsha Kusumam, A. K. Akhila, V. A. Ansi and N. K. Renuka, **RSC Adv.**, 6, 109506.

Book Chapters

Review Articles

AWARDS AND HONOURS

GRANTS AND FELLOWSHIPS

Junior Research Fellowship in Chemical Sciences from CSIR in 2012

CSIR-UGC National Eligibility Test for Lectureship in 2012

INVITED TALKS

CONFERENCES

Panels Organized

Papers Presented

1. 2016- "Synthesis characterization and photocatalytic activity of titania nanotube".National Conference on advanced nanomaterials at N.S.S College Manjery. (ISSN 0974-2115) January,6-7.
2. 2017- "Development of multishelled titania hollow nanostructures for self cleaning applications". 29th Kerala Science congress 2017, Marthoma College Thiruvalla, 28-29 January.
3. 2017- "Advanced photocatalytic activity of copper doped titanium dioxide (B) nanotubes". BRNS and CSIR sponsored International conference on energy environment and advanced materials for sustainable future, ICEEAMSF-2017 at Kongu Engineering college,Erode, May 23-24

Poster Presentations

1. 2014- "Synthesis and characterization of Titania Nanotube prepared by Hydrothermal Method" KSCSTE Sponsored National seminar on Advances in Nanomaterials and Ploymers at Bharathmatha college, Thrikakara. March ,11-12
2. 2015- "An effort to manipulate microstructure controlling of titania for superior photocatalysis".First National Conference on Advanced Nanomaterials at Nirmalagiri college Koothuparambhu, Kannur. October 1-2
3. 2016- "Template assisted fabrication and enhanced photocatalytic activity of mesoporous assembled titania". Fourth International Conference on Frontiers in Nanoscience and Technology, COCHIN NANO -2016 at Convention centre,CUSAT Cochin. October 20-23 .