

**DEPARTMENT OF CHEMISTRY**  
**SREE NARAYANA COLLEGE, NATTIKA**

**JYOTHIMOL K P**

***Educational Qualifications***

MSc ,MPhil

***Experience***

8 years

***Area of Interest***

Nanochemistry

***Subjects Handled***

Photochemistry, Pericyclic, Organometallic Chemistry, Nanochemistry

***Field of Research***

Photocatalysis

***PhDs produced***

Nil

***Research Guideship details***

Nil

***Registered Research Scholar Details***

Nil

***Extension Activities***

1. Resource Person in the Thrissur District level Bala Sasthra Padanolsavam conducted by Kerala Sasthra Sahithya Parishath held at Sree Narayana College, Nattika on 20 & 21 January 2018.
2. Associated with "Talent Hunt - Shastrajalakam" as Resource Person held on 18/11/2018 at Sree Narayana College, Nattika organised by SIET Kerala.
3. Associated with "Sastrapadham 2020" as Resource person held on 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup> January 2020 at Sree Narayana College, Nattika, Organised by Kerala Higher Secondary Educational Department.
4. Coordinator of 'Analytical study of water safety parameters in the drinking water sources of Nattika Gramapanchayath in Thrissur district' by the Post Graduate and Research Department of Chemistry, Sree Narayana College, Nattika.

### **Orientation Course attended**

1. 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from June 04 - July 01, 2020 and obtained grade A, organized by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on teachers and teaching.

### **Refresher course /FDP/STP**

1. ARPIT Course for Career Advancement Scheme(CAS) promotion "Online Refresher Course In Chemistry For Higher Education "with a A Grade in the proctored examination held on 16.02.2020
2. Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOC" from April 20 - May 06, 2020 organized by Teaching Learning Centre Ramanujan College ,University of Delhi
3. One week STTP on Research Paper Writing from 13 July 2020 to 18 July 2020 organized by REST Society for Research International.
4. Participated in the" FDP on Best Practises in Research" conducted by the Research and Publication Committee of IQAC Of Sree Narayana College Nattika on 2/11/2020,4/11/2020,7/11/2020.
5. TWO - WEEK INTER-DISCIPLINARY REFRESHER COURSE/FACULTY DEVELOPMENT PROGRAMME on "Research Methodology and Data Analysis "from 17 - 31 May, 2021 and obtained Grade A organized by Teaching Learning Centre, Ramanujan College University of Delhi.
6. TWO WEEK Refresher Course in "CHEMISTRY"from 29 November – 13 December, 2022 and obtained Grade A. organized by Teaching Learning Centre, Ramanujan College University of Delhi.

### ***Seminars/Workshops Organized***

1. Coordinator of Webinar on "Coupling Experiment with Theory" organized by Department of Chemistry Sree Narayana College Nattika on 7/8/2020
2. Convener of intercollegiate quiz competition "ELEMENTA 2019" in connection with International year of periodic table organized by Department of Chemistry Sree Narayana College Nattika on 17/12/2019.
3. Coordinator of Short video making competition and webinar on ozone day 2021.
4. Coordinator of 'Analytical study of water safety parameters in the drinking water sources of Nattika Gramapanchayath in Thrissur district' by the Post Graduate and Research Department of Chemistry, Sree Narayana College, Nattika.

### ***Seminars/Conferences/Webinars Attended***

1. Webinar on Range-separated density functional and Orbital Energies: From Gas Phase to Solvent Continuum organised by the Research & Post Graduate Department of Chemistry of MES Keveeyam College Valanchery

2. Participated in National Seminar on **'Recent Trends in General Chemistry'** organized by the Department of Chemistry, Bishop Moore College, Mavelikkara on 16<sup>th</sup> and 17<sup>th</sup> October 2015.
3. Webinar on "Online Education" presented by Prof. (Dr). Sabu Thomas ,Vice Chancellor, Mahatma Gandhi University Kottayam, Organized by K E College Mannanam.
4. Webinar entitled "Coupling Experiment with Theory" organized by the Post Graduate Department of Chemistry, Sree Narayana College, Nattika, Thrissur, Kerala on 7th August 2020
5. National Webinar entitled "Outcome Based Education: Methods & Modalities" organized in academic collaboration with Kerala State Higher Education Council by the Internal Quality Assurance Cell, Sree Narayana College, Nattika, Thrissur, Kerala on 31st October 2020.
6. Prof. K V Thomas Endowment International E-Conference on New Trends In Applied Chemistry(NTAC-2020) organized by Department of Chemistry, Sacred Heart College , Thevara, Kochi, Kerala from 17<sup>th</sup> December to 20<sup>th</sup> December 2020.

### ***Workshops Attended***

1. Attended Two Day Hands-on-workshop on Molecular Biology Techniques and Bioinformatics held at Sree Narayana College, Nattika, Thrissur on 17th and 18th January 2018.
2. Attended "INDO-UK SPARC WORKSHOP" conducted by School of environmental Sciences, Mahatma Gandhi University, Kottayam on November 19,20 ,2020.

### ***Research projects (Major/Minor, Fund, period, sponsor, topic, ongoing/completed/submitted):***

1. Completed a KSCSTE funded SPYTiS project entitled "Facile synthesis of cobalt ferrite nanoparticles by coprecipitation method" sanctioned as per order no.99/SPYTiS-11/2018/KSCSTE, amount approved 8000/-

### ***Duties Performed at College***

1. Coordinator of Young Innovators Programme Sree Narayana College, Nattika.
2. Member of Sree Narayana Study Center.
3. Internal Mentor of Walk With Scholar Programme 2018-2019, 2019-2020 Sree Narayana College, Nattika.
4. Tutor of BSc Chemistry 2018 Admission.
5. Member of Career Cell Sree Narayana College, Nattika.
6. Member of Health Club