



Dr Asha Bhanu A V

Assistant Professor of Chemistry

ADDRESS & EMAIL

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QUALIFICATION

MSc, BEd, MPhil, PhD

DATE OF JOINING

10/01/2011

EXPERIENCE IN YEARS

10years

AREA OF SPECIALIZATION

Material Science

ADMINISTRATIVE DISTINCTION

- Student Coordinator
- Staff association secretary 2019
- Arts Advisor 2017
- Managing Editor, International Journal of Advanced Interdisciplinary Sciences (IJAIS), online journal from SN college for Women

PAPER PRESENTATIONS

- Presented a poster entitled “Fabrication of water resistant epoxy/graphene oxide/BaO hybrid composite” in International Conference on Energy and Environment (iCEE 2K19), at TKM College of arts and sciences, Kollam, Kerala, India, December 12-14, 2019.
- Presented poster on “Environment and Economic benefits at FMN College Kollam 24-06-2014
- Presented Poster on “in International Conference Emerging Frontiers and Challenges in Chemistry at All Saints College Trivandrum.
- Poster Presentation in the state level seminar on Solar photochemistry Fundamentals and Applications 2016 at FMN Kollam

PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS

- International conference on Energy and Environment TKM college of Arts and Science 2019
- Attended 6day training programme on 2011 by Kerala State IT mission in connection with Skill Enhancement computer Training programme and Women Resource Centre.

PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS

- Seminar on advanced polymer materials 2017 by Academy of Chemistry Teachers at DB College, Sasthamkotta
- International conference on Chemistry and Physics of materials 2018 at St Thomas College Thrissur
- International symposium on Advanced Functional materials 2018 at Mar Ivanios College TVM
- National seminar on Frontline Approaches in Material Sciences and Computational Chemistry 2018 at SNCW Kollam
- Participated in the Moodle Learning Management System training organized at Sree Narayana College, Chengannur in January 2020
- Online Refresher Course In Chemistry For Higher Education conducted by swayam online refresher course 2020
- Participated in the International Webinar on 22nd July 2020 organized by the Post Graduate and Research Department of Physics, Sree Narayana College for Women, Kollam
- Participated in the international webinar on Gold nano clusters and solar cell applications on 11-07-2020
- Participated in the International Webinar series “Nanotechnology against Covid 19 by Dept of chemistry SNCW Kollam 2020
- Participated in the One-week Faculty Development Programme (FDP) on Online Education in Higher Education Institutions conducted by the Faculty Development Centre of the Kerala State Higher Education Council (KSHEC), Thiruvananthapuram through online mode from 13th to 17th July 2020
- Participated in online short term Faculty Development programme on Nanomaterials Characterisation Techniques and Result analysis methodology ideas, innovations and initiatives (chemistry) for five days conducted by Faculty development centre HRDC Pune
- Participated in the one day workshop for coordinators/Internal mentors of the walk with the Scholar Programme of Department of Collegiate Education 2014 at SNCW Kollam.
- Conducted seminar on significance of Intellectual property rights in association with Kerala state council for Science, Technology and Environment on 22 Feb 2021

- Participated in the International Webinar on “Perovskite solar cells-Emerging PV technology” organised by the Department of Chemistry, Sree Narayana College for Women, Kollam on 28th May 2021.
- Participated in the One-week Faculty Development Programme (FDP) on Edu. Tech Hands-on Online Workshop conducted by the Faculty Development Centre of the Kerala State Higher Education Council (KSHEC), Thiruvananthapuram from 23th to 28th June 2021
- Participated in the NPTEL E-Awareness workshop on May 21, 2021
- Participated in one day international webinar on Nanomaterial enabled smart composites and coatings-towards next generation multifunctional materials conducted by PG Department of Chemistry, St. Gregorios College Kottarakara on 20.07.2021

INVITED LECTURES AS RESOURCE PERSON

- Judge at the state level Inspire Exhibition on 2014
- Evaluation of poster presentations at 31st Kerala Science Congress 2019.

PUBLICATIONS IN BOOKS OR JOURNALS

- P. Poornima Vijayan, **A.V. Asha Bhanu**, S.R. Archana, Anila Babu, Suchart Siengchin, Jyotishkumar Parameswaranpillai, Development of chicken feather fiber filled epoxy protective coating for metals, Materials Today: Proceedings, 2020, <https://doi.org/10.1016/j.matpr.2020.05.229>.
- **AshaBhanu A.V**, Poornimavijayan P, SabuThomas, JyothishKumarParameswaranpillai, Debora Puglia, Suchart Siengchin, AryaKrishna L, Aiswarya Manohar, Fabrication of water-resistant epoxy nanocomposite with improved dynamic mechanical properties and balanced thermal and dimensional stability: Study on dual role of graphene oxide nanosheets and barium oxide microparticles, Colloids and Surfaces A: Physicochemical and Engineering Aspects ,617, **2021**, 126405 <https://doi.org/10.1016/j.colsurfa.2021.126405>

MEMBERSHIP IN PROFESSIONAL BODIES

- Member of malpractice prevention squad of examinations of university of Kerala from 04/04/2017 to 19/05/2017
- Member of Academy of Chemistry teachers

OTHER ACHIEVEMENTS

- Coordinator of One Week (7 Days) online Short-Term Faculty Training Programme (Interdisciplinary) on “**DIGITAL CONTENT MANAGEMENT ON E-LEARNING**”, which was delivered as MOOC with four quadrants, organized by Sree Narayana College for Women,, Kollam, in academic collaboration with **Kerala State Higher Education Council** from June 13th to June 19th of 2021