

<b>DETAILED FACULTY BIODATA FOR COLLEGE WEBSITE JUNE 2024 TO MAY 2025</b>		
<b>Sl. No.</b>	<b>Name</b>	<b>Dr.Asha Bhanu A.V</b>
<b>1</b>	<b>Designation</b>	<b>Associate Professor</b>
<b>2</b>	<b>Department</b>	<b>Chemistry</b>
<b>3</b>	<b>Contact Number</b>	<b>8129018707</b>
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<b>7</b>	<b>PEN Number</b>	<b>675451</b>
<b>8</b>	<b>Personal Web Page</b>	
<b>9</b>	<b>Date of Entry into Service</b>	<b>10/01/2011</b>
<b>10</b>	<b>Date of Retirement</b>	<b>31/03/2031</b>
<b>11</b>	<b>Edu. Qualifications</b>	<b>MSc, B.Ed, M. Phil, Ph.D</b>
<b>12</b>	<b>Areas of Interest/Specialisation</b>	<b>Nanocomposites &amp; Nanomaterials</b>

13	Courses/Subject Taught	BSc Chemistry, MSc Chemistry
14	Field of Research	Sustainable nanocomposites
15	<b>Guideship Details (Guideship order number and date, Research Centre, Number of PhD students &amp; title of their research topic)</b>	
	<ol style="list-style-type: none"> <li>1. <b>Affiliated University:</b> University of Kerala</li> <li>2. <b>Subject:</b> Chemistry</li> <li>3. <b>Guideship Order Number &amp; Date:</b> 5557/2021 /UOK dated 21/10/2021</li> <li>4. <b>Research Centre:</b> Sree Narayana College For Women Kollam</li> <li>5. <b>Number of Full time PhD Research Scholars:</b> Nil</li> <li>6. <b>Number of Part time PhD Research Scholars:</b> Nil</li> <li>7. <b>Details of PhD Research Scholars (Full Name, Title of Topic, Year of Joining):</b> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> </ol> </li> </ol>	
16	<b>Google Scholar Profile Link/ORCID ID/Research Gate Profile Link (Give the links)</b>	
17	<b>Patent Obtained/Applied (Give the details)</b>	

<b>18</b>	<b>Teaching Experience (Permanent) (Give the details)</b>
	1. 14 years  SN College For Women Kollam From 10/01/2011 till date
<b>19</b>	<b>Teaching Experience (Contract) (Give the details)</b>
	1.
<b>20</b>	<b>Research Experience</b>
	1. 5 years
<b>21</b>	<b>Memberships in Learned Bodies/Societies, If Any</b>
	1. Member in Academy of Chemistry Teachers (ACT)
<b>22</b>	<b>Scholarships/Fellowships Obtained</b>
	1.
<b>23</b>	<b>Research Papers Published (Mention UGC Care Listed/Peer-reviewed). Include Name of Authors, Year, Name of Journal, Volume, Page numbers, ISSN Number, DOC if any</b>
	1. Asha Bhanu A. Va*, Poornima Vijayan P a, Aiswarya Manohar a, Sreedevi Ta Department of Chemistry, Sree Narayana College for Women (affiliated to University of Kerala), Kollam, Kerala- Performance Analysis of Epoxy/Aluminium Borate Composite, <i>International Journal of Advanced Interdisciplinary Sciences Vol.1, August 2021</i>

	<p>2. P. Poornima Vijayan*, A.V. Asha Bhanu, S.R. Archana, Anila Babu, Suchart Siengchin, Jyotishkumar Parameswaran Pillai, Development of chicken feather fiber filled epoxy protective coating for metals, <a href="#">Materials Today: Proceedings, 41, 2021, 468-472, Scopus Indexed</a></p> <p>3. Asha Bhanu A.V, <i>Poornima Vijayan P*</i>, Sabu Thomas, Jyotishkumar Parameswaranpillai, 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, <a href="#">Colloids and Surfaces A: Physicochemical and Engineering Aspects, 617, 2021, 126405 -Scopus Indexed</a></p> <p>4. . Jose S, George JS, Jacob TA, <i>Vijayan P P</i>, Bhanu A. V. A, Nedumpillil NN and Thomas S (2023) Nanosilica incorporated coarse wool-epoxy hybrid biocomposites with improved physico-mechanical properties. <a href="#">Front. Mater. 2023, 10, 1140602 -Scopus Indexed</a></p> <p>5. S.V. Anjana Krishna, S. Umadevi, C.D. Midhun Dominic, Jyotishkumar Parameswaranpillai, A.V. Asha Bhanu, Jesiya Susan George, T. Sreedevi, Sabu Thomas, <i>P. Poornima Vijayan*</i>, Biomass derived cellulose nanofiber loaded PVA-nanocurcumin coating for extending the shelf life of Mandarin oranges (Citrus reticulata), <a href="#">Hybrid Advances, 5, 2024, 100162-Scopus Indexed</a></p>
24	Popular Article Published
	<p>1.</p> <p>2.</p>
25	Books Published (Include ISBN/ISSN Number)
	<p>1.</p> <p>2.</p>

26	Papers Presented
	<ol style="list-style-type: none"> <li>1. Presented poster on "Environment and Economic benefits at FMN College Kollam 24-06-2014</li> <li>2. Poster Presentation in the Kerala state council for Science, Technology &amp; Environment sponsored State level seminar on <i>Solar photochemistry Fundamentals and Applications</i> 28/01/2016 at FMN Kollam</li> <li>3. Participated and Presented a Paper in the <i>International Symposium on Advanced Functional Materials</i> (ISAFM) Organized by PG &amp; Research department of Chemistry, Mar Ivanios College TVM on 12/10/2018</li> <li>4. Presented Paper at the National Seminar on <i>Frontline Approaches in Material Science and computational Chemistry</i> organized by the Research and PG department of Chemistry SNCW and Kerala state council for Science, Technology and Environment during 14-16 March 2018</li> <li>5. Presented Poster in the <i>International conference on Chemistry and Physics of Materials</i> organized by Research and PG Department of Chemistry, St. Thomas College, Thrissur on 19,20&amp; 21 Dec 2018</li> <li>6. Presented a poster entitled "<i>Fabrication of water-resistant epoxy/graphene oxide/BaO hybrid composite</i>" in International Conference on Energy and Environment (iCEE 2K19), at TKM College of arts and sciences, Kollam, Kerala, India, December 12-14, 2019</li> <li>7. Participated in the International Webinar series Crossroads on 22nd July 2020 organized by the Post Graduate and Research Department of Physics, Sree Narayana College for Women, Kollam, Kerala.</li> <li>8. Presented (Oral) a paper entitled '<i>Fabrication of epoxy composites: The role of micro-fillers on morphology and solvent diffusion.</i>' In National Seminar on Emerging Trends in Chemical Science and Engineering organized by Department of Chemistry, CET, Thiruvananthapuram, 26-27 February 2021.</li> </ol>

	2.
27	<b>Invited Talks/Public Talks delivered</b>
	1. Resource person of KSITM course "Capacity Building in IT for Girls in SNCW during 2017-18 and 2018-19 2.. Resource person of the programme <i>E-learn with eminent personality</i> on the topic "Applications of thermodynamics" organized by Post Graduate and Research department St. Joseph's College for Women, Alappuzha on 25/02/2023
28	<b>Collaboration/Consultancy/Linkages</b>
	1. 2.
29	<b>Orientation Courses Attended</b>
	1. UGC sponsored orientation programme (IT oriented) conducted by UGC -Academic staff college from 23/04/2013 to 20/05/2013
30	<b>Refresher Courses Attended</b>
	1. Participated in the UGC sponsored Refresher course in Materials science (Interdisciplinary) by UGC-HRDC Human Resource Development Centre, University of Kerala, Kariavattom from 21/11/2019 to 04/12/2019. 2. Completed Swayam Arpit online course certification (Online Refresher course in Chemistry for Higher Education) on 16/02/2020 3. One week FDP on Online Education in Higher Education Institutions conducted by Kerala state Higher Education Council, TVM from 13/07/2020 to 17/07/2020

	<p>4. Online short-term FDP programme on Nanomaterials, characterization Techniques conducted by Pandit Madan Mohan Malaviya National mission on Teachers, Savitribai Phule, Pune University from 27/07/2020 to 31/07/2020.</p> <p>5. One week FDP on online Education in Higher Education institutions (Online mode) by Kerala State Higher Education Council, TVM from 23/06/2021 to 28/06/2021</p> <p>6. Refresher course in Education and Teaching methods (Multidisciplinary) by UGC-HRDC University of Kerala Kariavattom from 8/03/2022 to 21/03/2022.</p>
<b>31</b>	<b>Seminars/Workshops/Training Organised</b>
	<p>1. Coordinated one day national talk on Genetics, Life style disease and Yoga organized by SNCW in collaboration with Indian Science congress Association Cochin Chapter on 23/11/2018</p> <p>2. Conducted one day national seminar on Significance of Intellectual Property Rights on 22 Feb 2021</p> <p>3. Conducted Invited Lecture on Conducting Polymers for Plastic Electronics on 14/10/2022 at SNCW Kollam</p> <p>4 Coordinator -International seminar series DIALECTICS 18/01/2024</p>
<b>32</b>	<b>Workshops Organised</b>
	<p>1.</p> <p>2.</p>
<b>33</b>	<b>Training Organised</b>
	<p>1.</p> <p>2.</p>
<b>34</b>	<b>Orientation Programmes/Induction Programmes Organised</b>
	<p>1.</p>

	2.
35	<b>FDP/Any Other Programmes Organised</b>
	1. Coordinated one week online short term Faculty training programme (Interdisciplinary) on Digital Content Management on E-learning delivered as MOOC with four quadrants organized by Sree Narayana College For Women Kollam in association with Kerala State Higher Education Council from June 13 to 19, 2021
36	<b>Startups/Innovation/Incubation Centre (Give the details)</b>
	1.
37	<b>Seminars/Conferences Attended</b>
	1. 2.
38	<b>Workshops Attended</b>
	1. 2.
39	<b>Trainings Attended</b>
	1. One week Faculty Development Programme on Online Education in Higher Education conducted by Kerala State Higher Education Council from 13 to 17 July 2020  2. Undergone Innovation Ambassador training Foundation level conducted by MoE's innovation cell and AICTE during the IIC Calendar year 2021-22



	3. Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC, University of Kerala, Kariavattom, Thiruvananthapuram from 21-08-2024 to 03-09-2024.
40	<b>Extension Activities Organised/Participated inside the Campus</b>
	1. 2.
41	<b>Extension Activities Organised/Participated outside the Campus</b>
	1. Judge at the state level Inspire Exhibition on 2014 2. Evaluation of poster presentations at 31st Kerala Science Congress 2019 during 2 <sup>nd</sup> and 3 <sup>rd</sup> Feb 2019 3. Participated as Judge in the Indian Science congress Association sponsored National seminar on Environmental Science Organized by PG and Research department of Chemistry SN college Kollam on 25 <sup>th</sup> March 2021 4. Participated in the regional meet (Institutions Innovation Council) held on 6 August 2022 at KMEA Engineering College Kochi and presented on track 3: Knowledge sharing session on Bench marking, Measuring I & E Ecosystem in HEIs and Impact creation during IIC regional meet
42	<b>Representation in Syndicate/Senate/Academic Council/Board of Studies</b>
	1. 2.
43	<b>Tutorship in UG/PG (Mention the Class and Year/Batch)</b>
	1. UG (Chemistry) 2016-17

	2. PG (Chemistry) 2019-20 3. UG (Chemistry 2021-24
<b>44</b>	<b>Academic Responsibilities Undertaken</b>
	1. Member of Malpractice Prevention Squads for the period 04/04/2017 to 19/05/2017 M & C1.3/1783/2016 dt 03/04/2017 2. Resource person of Kerala State IT Mission (KSITM) course "Capacity building in IT for Girls during the academic year 2017-18 & 2018-19. 3. College union election committee member 4. Coordinator, Students Welfare fund 2018-2024 5. Staff association secretary 2019 6. Managing Editor "The International Journal of Advanced Interdisciplinary Sciences "(IJ AIS) 7. President, Institution Innovation council (SNCW Kollam)
<b>45</b>	<b>Any other Duties Performed at College</b>
	1. PTA Treasurer , SNCW Kollam 2023-24

**Kindly attach a photograph as email attachment if you need to update in the website**