

<b>DETAILED FACULTY BIODATA FOR COLLEGE WEBSITE JUNE 2024 TO MAY 2025</b>		
<b>Sl. No.</b>	<b>Name</b>	<b>RESMI S.</b>
<b>1</b>	<b>Designation</b>	<b>Assistant Professor</b>
<b>2</b>	<b>Department</b>	<b>Physics</b>
<b>3</b>	<b>Contact Number</b>	<b>9961810924</b>
<b>4</b>	<b>Whatsapp Number</b>	<b>9961810924</b>
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<b>7</b>	<b>PEN Number</b>	<b>677654</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>31/05/2039</b>
<b>11</b>	<b>Edu. Qualifications</b>	<b>MSc,MPhil,Bed,NET</b>
<b>12</b>	<b>Areas of Interest/Specialisation</b>	<b>Material Science/Electronics</b>
<b>13</b>	<b>Courses/Subject Taught</b>	<b>UG &amp;PG</b>
<b>14</b>	<b>Field of Research</b>	<b>Material Science</b>
<b>15</b>	<b>Guideship Details (Guideship order number and date, Research Centre, Number of PhD students &amp; title of their research topic)</b>	

	<b>1. Affiliated University:</b> <b>2. Subject:</b> <b>3. Guideship Order Number &amp; Date:</b> <b>4. Research Centre:</b> <b>5. Number of Full time PhD Research Scholars:</b> <b>6. Number of Part time PhD Research Scholars:</b> <b>7. Details of PhD Research Scholars (Full Name, Title of Topic, Year of Joining):</b> 1. 2. 3. 4.
<b>16</b>	<b>Google Scholar Profile Link/ORCID ID/Research Gate Profile Link (Give the links)</b>
	<a href="https://orcid.org/0009-0002-0509-378X">https://orcid.org/0009-0002-0509-378X</a>
<b>17</b>	<b>Patent Obtained/Applied (Give the details)</b>
<b>18</b>	<b>Teaching Experience (Permanent) (Give the details)</b>
	1. 14 and ½ years of total teaching experience. In Post Graduation 11 and ½ years experience 2. In U G alone 14 and ½ years
<b>19</b>	<b>Teaching Experience (Contract) (Give the details)</b>
	1. Worked as FDP substitute at Government college for Women Vazhuthacaud for 10 months

	<b>2. Worked as a guest lecturer in Govt. Highersecondary school Kulathoor.</b>
<b>20</b>	<b>Research Experience</b>
	<b>1. 6 years of Research experience</b>
<b>21</b>	<b>Memberships in Learned Bodies/Societies, If Any</b>
	<b>1. Academy of Physics Teachers.</b>
<b>22</b>	<b>Scholarships/Fellowships Obtained</b>
	<b>1.</b>
<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, DOI if any</b>
	<p><b>1. Evaluation of Photothermal Activity Based Antibacterial Performance of SrFe<sub>2</sub>O<sub>4</sub>-Chitosan Nanocomposite</b>  <b>S R Shahina 1 · S Vidya 1 · Shiburaj Sugathan 2 · Remya Babu 3 · S Resmi 4</b>  <b>Received: 14 April 2024 / Accepted: 7 June 2024</b></p> <p><b>2. Heat Waves: A Bibliometric Analysis of Thermotherapy Research</b>  <b>I John Berlin • Jobin Jose • Resmi S • Priyadarsini G • Vinoj M N</b>  <b>Published: July 29, 2024</b>  <b>DOI: 10.7759/cureus.65700</b></p> <p><b>3. Tracking Research Momentum and Scholarly Impact: A Bibliometric Analysis of Magnetotherapy</b>  <b>Vinoj M N • Resmi S • Priyadarsini G • Seenamol K Stephen • I John Berlin • Jobin Jose</b>  <b>Published: September 12, 2024</b>  <b>DOI: 10.7759/cureus.69243</b></p> <p><b>4. Silver particles as surface enhanced Raman Scattering (SERS)substrates: Saranya Babu;S Srijith;S. Resmi AIP conf.Proc.2379,030010(2021)</b></p> <p><b>5. Spectroscopic Analysis of ReBa<sub>2</sub>NbO<sub>6</sub>[Re=y,Sm and Gd]nanoparticles:</b>  <b>S.Resmi;G.Priyadarsini;Joyal Mary and S.Vidya AIP conf.Proc.2379,030008(2021)</b></p>

<b>24</b>	<b>Popular Article Published</b>
	<p><b>1. Evaluation of Photothermal Activity Based Antibacterial Performance of SrFe<sub>2</sub>O<sub>4</sub>-Chitosan Nanocomposite</b>  <b>S R Shahina 1 · S Vidya 1 · Shiburaj Sugathan 2 · Remya Babu 3 · S Resmi 4</b>  <b>Received: 14 April 2024 / Accepted: 7 June 2024</b></p>
<b>25</b>	<b>Books Published (Include ISBN/ISSN Number)</b>
	<p><b>1. “The Energy Crisis”  Challenges, Solutions, and the Path to a Sustainable Future Bright Sky Publications TM  New Delhi</b></p> <p><b>2. “Ocean Energy Harvesting” Principles and Emerging Solutions Integrated Publications TM  New Delhi</b></p>
<b>26</b>	<b>Papers Presented</b>
	<p><b>1. Presented a Work entitled “Effect of Yttrium doping addition on Photocatalytic ,antibacterial and anti oxidant potency of ZnO nanoparticles.</b></p> <p><b>2. Antimicrobial study of neem-ZrO<sub>2</sub> nanoparticles in international seminar conducted by chemistry department of Mahatma Gandhi College Thiruvananthapuram.</b></p>
<b>27</b>	<b>Invited Talks/Public Talks delivered</b>
	<p><b>1.</b></p> <p><b>2.</b></p>
<b>28</b>	<b>Collaboration/Consultancy/Linkages</b>
	<p><b>1.</b></p> <p><b>2.</b></p>

<b>29</b>	<b>Orientation Courses Attended</b>
	<p><b>1. University of Kerala UGC Sponsored orientation Programme (IT Oriented)</b></p> <p><b>2. NEP 2020 Orientation &amp; 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 02-09-2024 to 12-09-2024. Programme - Director (MM-TTC)</b></p>
<b>30</b>	<b>Refresher Courses Attended</b>
	<p><b>1) University of Kerala UGC Sponsored Refresher Course in Women's Studies (Multidisciplinary)</b></p> <p><b>2) Participated in Two week FDP on ADVANCED CONCEPTS FOR DEVELOPING MOOCS (scheduled to be held from 2nd July to 17th July 2020). MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi</b></p> <p><b>3) Participated in faculty development programme in Managing Online Classes &amp; Co-creating MOOCs in 02/06/2021-16/06/2021</b></p> <p><b>4) TWO-WEEK REFRESHER COURSE on "Managing Online Classes &amp; Co-creating MOOCs 11.0" from 07 - 21 February, 2022 and obtained</b></p> <p><b>5) Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING ONLINE TWO - WEEK REFRESHER COURSE in "PHYSICS" from 09 – 23 June, 2023 and obtained Grade A+.</b></p>
<b>31</b>	<b>Seminars/Workshops/Training Organised</b>
	<p><b>1. Organized workshop "Hands on LED assembly and repair workshop" Dec 2023</b></p> <p><b>2. Organized an international webinar as a part of a Multidisciplinary International Webinar Series IQAC SNCW.</b></p>

	<b>3. International Webinar on 22nd July 2020 organized by the Post Graduate and Research Department of Physics, Sree Narayana College for Women, Kollam, Kerala.</b>
<b>32</b>	<b>Workshops Organised</b>
	<b>1. Organized workshop “Hands on LED assembly and repair workshop”Dec 2023</b>
<b>33</b>	<b>Training Organised</b>
	1. 2.
<b>34</b>	<b>Orientation Programmes/Induction Programmes Organised</b>
	1. 2.
<b>35</b>	<b>FDP/Any Other Programmes Organised</b>
	<b>1. Organized workshop “Hands on LED assembly and repair workshop”Dec 2023</b> <b>2. Organized an international webinar as a part of a Multidisciplinary International Webinar Series IQAC SNCW.</b> <b>3. International Webinar on 22nd July 2020 organized by the Post Graduate and Research Department of Physics, Sree Narayana College for Women, Kollam, Kerala.</b>
<b>36</b>	<b>Startups/Innovation/Incubation Centre (Give the details)</b>
	<b>1.LED Assembly and Repair Unit</b>
<b>37</b>	<b>Seminars/Conferences Attended</b>
	<b>1. International conference on Advanced Functional Materials and Devices(AFMD2024) at SRM institute of science and technology</b>

	<ol style="list-style-type: none"> <li>2. <b>Two Day National Workshop on X Ray Diffraction: Basics ,Instrumentation ,Data analysis and Rietveld Refinement held at Centre for NanoScience and Technology, Centre for Excellence for Energy Research and Sathyahama Centre for Advanced Studies during 7 and 8<sup>th</sup> September 2023</b></li> <li>3. <b>Participated in online short term faculty development programme on Digital content management in E- learning from 13/06/2021 to 19/06/2021 in collaboration with Kerala State Higher education council</b></li> <li>4. <b>Three day International Webinar on “Advances in Functional Materials” (IWAFM) organized by the Department of Physics, Mar Ivanios College (Autonomous), Thiruvananthapuram, India, from 26.06.2020 to 28.06.2020.</b></li> <li>5. <b>International Conference on Recent Advances in Materials Science, 22,23 January 2020</b></li> </ol>
<b>38</b>	<b>Workshops Attended</b>
	<ol style="list-style-type: none"> <li>1. <b>International conference on Advanced Functional Materials and Devices(AFMD2024) at SRM institute of science and technology</b></li> <li>2. <b>Two Day National Workshop on X Ray Diffraction: Basics ,Instrumentation ,Data analysis and Rietveld Refinement held at Centre for NanoScience and Technology, Centre for Excellence for Energy Research and Sathyahama Centre for Advanced Studies during 7 and 8<sup>th</sup> September 2023</b></li> <li>3.</li> </ol>
<b>39</b>	<b>Trainings Attended</b>
	<ol style="list-style-type: none"> <li>1. <b>Faculty Development Programme (FDP) on Online Education in HEI's conducted by the Faculty Development Centre of the Kerala State Higher Education Council, Thiruvananthapuram on online mode from 13th to 17th July 2020.</b></li> </ol>

	<p>2. Participated in online short term faculty development programme on Digital content management in E- learning from 13/06/2021 to 19/06/2021 in collaboration with Kerala State Higher education council</p>
40	Extension Activities Organised/Participated inside the Campus
	1. Organized workshop “Hands on LED assembly and repair workshop” Dec 2023
41	Extension Activities Organised/Participated outside the Campus
	<p>1. National Space Day Celebrations at Govt. town U P S Kollam on August 9 2024</p> <p>2.</p>
42	Representation in Syndicate/Senate/Academic Council/Board of Studies
	<p>1.</p> <p>2.</p>
43	Tutorship in UG/PG (Mention the Class and Year/Batch)
	<p>1. PG 2023-25 BATCH</p> <p>2. PG 2020-22 BATCH</p> <p>3. PG 2018-20 BATCH</p> <p>4. PG 2017-19 BATCH</p> <p>4. UG 2015-18</p>
44	Academic Responsibilities Undertaken

	<ol style="list-style-type: none"> <li>1. Head of the Department 2024-25</li> <li>2. Chief examiner</li> <li>3. External examiner for PG practical examinations</li> <li>4. External examiner for UG practical examinations</li> <li>5. Project guide PG students</li> <li>6. project guide for UG students</li> </ol>
45	<b>Any other Duties Performed at College</b>
	<ol style="list-style-type: none"> <li>1. Encon club co ordinator 2019</li> <li>2. Science club member</li> <li>3. College election committee member</li> <li>4. Admission committee member.</li> <li>5. Member of calendar revision committee</li> </ol>

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