

DETAILED FACULTY BIODATA FOR COLLEGE WEBSITE JUNE 2024 TO MAY 2025		
Sl. No.	Name	Priyadarsini G.
1	Designation	Assistant professor
2	Department	Physics
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9	Date of Entry into Service	05/01/2011
10	Date of Retirement	30/05/2039
11	Edu. Qualifications	MSc, MPhil, BEd
12	Areas of Interest/Specialisation	Material Science, Nanomaterials
13	Courses/Subject Taught	Electronics, Solid state Physics, Optics, Spectroscopy, Quantum Mechanics
14	Field of Research	Nanomaterials
15	Guideship Details (Guideship order number and date, Research Centre, Number of PhD students & title of their research topic)	

	1. Affiliated University: 2. Subject: 3. Guideship Order Number & Date: 4. Research Centre: 5. Number of Full time PhD Research Scholars: 6. Number of Part time PhD Research Scholars: 7. Details of PhD Research Scholars (Full Name, Title of Topic, Year of Joining): 1. 2. 3. 4.
16	Google Scholar Profile Link/ORCID ID/Research Gate Profile Link (Give the links)
17	Patent Obtained/Applied (Give the details)
18	Teaching Experience (Permanent) (Give the details)
	14 years
19	Teaching Experience (Contract) (Give the details)
	Nil
20	Research Experience

	2 years
21	Memberships in Learned Bodies/Societies, If Any
	Academy of Physics Teachers (APT)
22	Scholarships/Fellowships Obtained
	1.
23	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
	<ol style="list-style-type: none"> 1. Heat Waves: A Bibliometric Analysis of Thermotherapy Research I John Berlin , Jobin Jose , Resmi S , Priyadarsini G , Vinoj M N (July 29, 2024) Cureus 16(7): e65700. DOI: 10.7759/cureus.65700 2. Momentum and Scholarly Impact: A Bibliometric Analysis of Magnetotherapy, Vinoj M N • Resmi S • Priyadarsini G • Seenamol K Stephen • I John Berlin • Jobin Jose. Cureus 16(9): e69243. doi:10.7759/cureus.69243 3. Spectroscopic analysis of ReBa₂NbO₆ [Re = Y, Sm and Gd] nanoparticles S. Resmi; G. Priyadarshini; Joyal Mary; S. Vidya <i>AIP Conf. Proc.</i> 2379, 030008 (2021) 4. Morphological modification of cobalt oxide nanoparticles using zinc and optical investigation L. R. Asitha; S. Srijith; L. R. Aparna; Amirtha Ghosh; G. Priyadarsini; S. B. Rakesh Chandran; A. B. Amala Chandran <i>AIP Conf. Proc.</i> 2379, 030011 (2021)

24	Popular Article Published
	<ol style="list-style-type: none"> 1. 2.
25	Books Published (Include ISBN/ISSN Number)
	<ol style="list-style-type: none"> 1. Nanotechnology from Fundamentals to Future Innovations ISBN 978-93-6135-596-7 2. Biophysics and Biomechanics, Foundations, Applications and Innovations in Biological Systems.ISBN 978-93992-31-4 3. Wind Energy Conversion Systems: Principles, technologies and Applications.ISBN 978-93-5834-321-2
26	Papers Presented
	<ol style="list-style-type: none"> 1. 2.
27	Invited Talks/Public Talks delivered
	<ol style="list-style-type: none"> 1. 2.
28	Collaboration/Consultancy/Linkages
	<ol style="list-style-type: none"> 1. 2.
29	Orientation Courses Attended
	<ol style="list-style-type: none"> 1. Online NEP Orientation and Sensitization Programme for University/College teachers conducted by UGC-Malaviya Mission Teacher Training Centre (MMTTC), University of Kerala, sponsored by the University

	<p>Grants Commission from 02.09.2024 to 12.09.2024.</p> <p>2.Orientation Programme conducted by the UGC-Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum from 22-04-2015 to 19-05-2015.</p>
30	Refresher Courses Attended
	<ol style="list-style-type: none"> 1. Two - week interdisciplinary refresher course in “Advanced research methodology” from 22 august– 05 September, 2022 organized by Teaching Learning Centre, Ramanujan college, University of Delhi. 2. ONLINE INTER-DISCIPLINARY TWO-WEEK REFRESHER COURSE on “Managing Online Classes & Co- creating MOOCS 11.0” from 07 - 21 February, 2022 Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING 3. NATIONAL ONLINE REFRESHER COURSE/TWO WEEK FACULTY DEVELOPMENT PROGRAM (INTERDISCIPLINARY) Structural Analysis using Rietveld Refinement, Microscopic and Compositional Analysis jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi and St. John’s College, Agra; Bishop Moore College, Mavelikara; Catholicate College, Pathanamthitta; Sacred Heart College, Chalakudy & Christ College (Autonomous) Irinjalakuda under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education 29th September to 13th October 2021 4. TWO WEEK FACULTY DEVELOPMENT PROGRAM on “Innovative Practices for Academic Excellence” (Multidisciplinary) Program organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education in collaboration with Bishop Abraham Memorial College, Thuruthicad 18th January to 30th January 2021. 5. Two week faculty Development Programme on “ Managing online classes and co-creating moocs 3.0” conducted by Ramanujan college, University of Delhi under the aegis of MHRD, PMMMNMTT from July 25 to August 10, 2020. 6. Two week faculty Development Programme on “ Quantitative Methods for Data Analysis” conducted by Ramanujan college, University Delhi, Sponsored by MHRD, PMMMNMTT from August 12 to August 25, 2020. 7. Two week faculty Development Programme for University and College Teachers on “Application of Digital Tools and Technology in Teaching and Learning” organized by INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY, Amarkantak, MP from 16 – 29 June 2020.

	8. Refresher Course in Renewable Energy Studies conducted by the UGC- Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum from 09-08-2017 to 29-08-2017.
31	Seminars/Workshops/Training Organised
	1. 2.
32	Workshops Organised
	1. 2.
33	Training Organised
	1. 2.
34	Orientation Programmes/Induction Programmes Organised
	1. 2.
35	FDP/Any Other Programmes Organised
	1. 2.
36	Startups/Innovation/Incubation Centre (Give the details)
	1.
37	Seminars/Conferences Attended

	<ol style="list-style-type: none"> 1. 2.
38	Workshops Attended
	<ol style="list-style-type: none"> 1. Two Days National workshop on X-ray Diffraction: Basics, Instrumentation, Data Analysis and Rietveld Refinement on 7th and 8th September 2023, organized by Sathyabama Institute of Science and technology, Chennai.
39	Trainings Attended
	<ol style="list-style-type: none"> 1. Hands on training on Learning Management system (MOODLE-LMS) held on online mode as the institution level training programme organized by the Faculty Development Centre of the Kerala Higher Education Council in Association with Digital University and Centre for E- Learning Calicut University as part of the Lets Go Digital and Digicol scheme during 6th to 12th December 2023 for the faculty members of the Higher Educations in Kerala. 2. Training Programme on “ General Informatics” held at Sree Narayana College, Sivagiri Varkala during 1-3 September 2011, sponsored by Kerala State Higher Education Council, Thiruvananthapuram.
40	Extension Activities Organised/Participated inside the Campus
	<ol style="list-style-type: none"> 1. 2.
41	Extension Activities Organised/Participated outside the Campus
	<ol style="list-style-type: none"> 1. 2.
42	Representation in Syndicate/Senate/Academic Council/Board of Studies

	<ol style="list-style-type: none"> 1. 2.
43	Tutorship in UG/PG (Mention the Class and Year/Batch)
	<ol style="list-style-type: none"> 1. BSc Physics (2021 Admission) 2. BSc Physics (2015 Admission) 3. BSc Physics (2022 Admission) 4. MSc Physics (2024 Admission)
44	Academic Responsibilities Undertaken
	<ol style="list-style-type: none"> 1. Tutor and Mentor 2. Assessment - Internal Examinations 3. Question Paper setting 4. Chief and additional Examiner UG and PG University Examinations 5. Deputy Chairperson PG board of Examination 6. Member Career Guidance and Placement Cell 7. Member Encon club, Science Club, Sports Club
45	Any other Duties Performed at College
	<ol style="list-style-type: none"> 1. Head of the Department from 2018 to 2024 2. Admission Committee Member 3. PTA Executive committee

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