

DETAILED FACULTY BIODATA FOR COLLEGE WEBSITE JUNE 2024 TO MAY 2025		
Sl. No.	Name	Sona G Krishnan
1	Designation	Assistant Professor
2	Department	Physics
3	Contact Number	9400498308
4	Whatsapp Number	9400498308
5	Email	sonaindeevaram@gmail.com
6	Institutional Email ID	sonagkrishnan@sncwkollam.org
7	PEN Number	707928
8	Personal Web Page	
9	Date of Entry into Service	17.10.2012
10	Date of Retirement	31.05.2039
11	Edu. Qualifications	M Sc.M.Phil
12	Areas of Interest/Specialisation	Nanomaterial Science
13	Courses/Subject Taught	UG,PG Physics
14	Field of Research	Nanomaterial Science
15	Guideship Details (Guideship order number and date, Research Centre, Number of PhD students & title of their research topic):NA	

	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)
	12 years 7months
19	Teaching Experience (Contract) (Give the details)
	1.
20	Research Experience

	6years
21	Memberships in Learned Bodies/Societies, If Any
	1. Academy of Physics Teachers
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
	<p>1- Sona G Krishnan, Deepak Nand, A Comparative Study of the individual and Mixed Oxide Nanostructures on Sunlight Driven Degradation of Methylene Blue Dye and Antimicrobial Efficacy, September 2024,Brazilian Journal of Physics54:230 https://doi.org/10.1007/s13538-024-01610-y.</p> <p>2- Sona G. Krishnan, Deepak Nand, Seena Sivadas, Ahmed Alfarhan, Karnan Muthusamy, CuO/NiO bimetallic nanocomposite: A facile DNA assisted synthetic approach and evaluation of bio efficacy, Journal of King Saud University - ScienceJanuary 2022, 101718,https://doi.org/10.1016/j.jksus.2021.101718.</p> <p>3- Sona G Krishnan,Pravitha SA comparative study on the antioxidant activity of CuO/MgO nanocomposites synthesized via chemical and biological route,AIP Conference Proceedings, June 2020,https://doi.org/10.1063/5.0009320.</p>
24	Popular Article Published
	1.
	2.

25	Books Published (Include ISBN/ISSN Number)
	<ol style="list-style-type: none"> 1. 2.
26	Papers Presented
	<ol style="list-style-type: none"> 1- Sona G Krishnan, Deepak Nand, Structural, Thermal Characterization and Cytotoxicity study of CuO-NiO nanocomposite synthesized by Biological route, INTERNATIONAL CONFERENCE NANOicon 2022, January 11-15 2022. 2- Sona G Krishnan, Deepak Nand, Synthesis and Characterisation of Vanadium based Nano Composites and its environmentally benign applications on INTERNATIONAL CONFERENCE ON ENERGY AND ENVIRONMENT (iCEE 2k19), 12-14 December 2019. 3- Sona G Krishnan, Deepak Nand, Synthesis, Structural and Optical Characterisation of CuO-NiO nanoparticles and its biological Applications, NATIONAL CONFERENCE ON ADVANCES IN NANOMATERIALS AND NANOTECHNOLOGY, 6th & 7th August 2019. 4- Sona G Krishnan, Pravitha S, A Comparative Study On The Antioxident Activity Of CuO/MgO Nanocomposites Synthesised Via Chemical And Biological Route, INTERNATIONAL CONFERENCE ON PHYSICS OF MATERIALS AND NANOTECHNOLOGY, ICPN-2019, September 19-21, 2019.
27	Invited Talks/Public Talks delivered
	<ol style="list-style-type: none"> 1. 2.

28	Collaboration/Consultancy/Linkages
	1. 2.
29	Orientation Courses Attended
	1. Orientation Programme conducted by UGC-HRDC University of Kerala Sponsored by RUSA from 2-11-2017 to 29-11-2017
30	Refresher Courses Attended
	1. UGC-Sponsored refresher course in Environmental Sciences conducted by UGC-HRDC from 02-02-2017 to 22-02-2017.
31	Seminars/Workshops/Training Organised
	Conducted several Seminars/Workshops/Training as part of NSS activities
32	Workshops Organised
	1. 2.
33	Training Organised
	1. 2.
34	Orientation Programmes/Induction Programmes Organised
	1. Orientation programme for first year NSS volunteers conducted every year.
35	FDP/Any Other Programmes Organised
	1. 2.

36	Startups/Innovation/Incubation Centre (Give the details)
	1.
37	Seminars/Conferences Attended
	1.Participated in all programmes conducted by National Service Scheme
38	Workshops Attended
	1. 2.
39	Trainings Attended
	1. 2.
40	Extension Activities Organised/Participated inside the Campus
	1. 2.
41	Extension Activities Organised/Participated outside the Campus
	1.Activites at Partner village 2.
42	Representation in Syndicate/Senate/Academic Council/Board of Studies
	1.

	2.
43	Tutorship in UG/PG (Mention the Class and Year/Batch)
	1.IUG 2016 2.FYUGP 2024
44	Academic Responsibilities Undertaken
	1. National Service Scheme Programme Officer
45	Any other Duties Performed at College
	1. 2.

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