



PERSONAL DETAILS

Name : Dr.K.Renukadevi

Date of Birth : 10.06.1984
 Qualification : M.Sc., M.Phil., B.Ed., Ph.D.
 Designation : Assistant Professor
 Department : Physics
 Community : SC
 Nationality : Indian
 Email ID : renuakshara18@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	School/College	University	Year of Passing
Ph.D	Energy Physics	Thiagarajar Arts and Science College, Madurai	Madurai Kamaraj University, Madurai	2025
B.Ed	Physical Science	N.V.K.S.D College of Education, Attoor	Manonmaniam Sundaranar University, Tirunelveli	2008
M.Phil	Solid State Ionics	Alagappa University, Karaikudi	Alagappa University, Karaikudi	2007
M.Sc	Energy Physics	V.H.N.S.N college, Virudhunagar	Madurai Kamaraj University, Madurai	2006
B.Sc	Energy Physics	VPMM arts & science college for Women, Krishnankovil	Madurai Kamaraj University, Madurai	2004
H.Sec.	-	S.Patti nadar GH school, Mamsapuram	-	2001
SSLC	-	S.Patti nadar GH school, Mamsapuram	-	1999

ACADEMIC IDENTITY

*VIDWAN ID	522915
*ORCID ID	0009 0001 13332931
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=p6ZJ3MEAAAAJ&hl=en

TEACHING EXPERIENCE	
Date of Appointment	02.03.2009
Date of Retirement	30.06.2044
Teaching Experience	
UG	16 Years 8 months
PG	

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
UG Physics	G.Venkataswamy Naidu College, Kovilpatti	02.03.2009	Till	16 Yrs

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	IQAC Member & NSS Programme Officer	G.Venkataswamy Naidu College, Kovilpatti	2025 - 2026
2.	NSS Programme Officer	G.Venkataswamy Naidu College, Kovilpatti	2024 - 2025
3.	NCC Care Taker	G.Venkataswamy Naidu College, Kovilpatti	2022 - 2023
4.	MS University Examinations on April 2021 – Nodal Officer	G.Venkataswamy Naidu College, Kovilpatti	2020 - 2021

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	Refresher Course	UGC	Madurai Kamaraj University, Madurai 10.11.10 to 30.11.10
2.	Faculty Induction Programme through online mode	UGC	University of Madras, Chennai 08.12.2020 to 06.01.2021
3.	Refresher Course in Environmental Science	UGC	University of Madras, Chennai 15.02.2022 to 28.02.2022

4.	Refresher Course in Physics	-	Teaching Learning Centre, Ramanujan College, University of Delhi 28.07.2022 to 11.08.2022
5.	Refresher Course in Physics	-	Teaching Learning Centre, Ramanujan College, University of Delhi 31.10.2022 to 14.11.2022

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D	Dye Sensitized Solar Cells with Natural Dyes	Madurai Kamaraj University, Madurai
M.Phil	A Study on PVC and PEG Blend Polymer	Alagappa University, Karaikudi
M.Sc	Solar intensity Calculation	Madurai Kamaraj University, Madurai
B.Sc	LED Characterization	Madurai Kamaraj University, Madurai

PUBLICATIONS

BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
3		12	56	

PUBLICATIONS: OTHER INDEXED JOURNALS			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1.	β -Carotene (Natural Dye) Sensitised TiO ₂ for Solar Cell Application	IEEE	978-1-4799-2075-4
2.	Synthesis and Characterization of dye sensitized nanostructured TiO ₂ thin film solar Cell by Spin Coating	-	978-81-924726-2-1
3.	TiO ₂ based Dye Sensitized Solar Cell using Natural dyes	Nanosystems: mathematics, physics and chemistry	978-93-85436-91-8

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP			
PAPER PRESENTED: National - 3 International - 9			
S. No	Name of the Event	Date	Place and Date
1.	IEEE International Conference on “Renewable Energy and Sustainable Energy”	5 and 6 Dec 2013	Karunya University, Coimbatore.
2.	International Conference on “Nano Science and Engineering Applications – 2014”	26, 27 and 28 th June 2014	Centre for Nano Science & Technology, Jawaharlal Nehru Technological University Hyderabad, Hyderabad.
3.	5 th International Conference on “Perspectives in Vibrational spectroscopy (ICOPVS 2014)”	8 to 12 th July 2014	Department of Mar Ivanios College & The Kerala State Higher Education Council, Trivandrum.
4.	National seminar on recent trends in “ Crystal Growth and Nano Materials (NSCGNM)”	7 to 9 th August 2014	National College, Tiruchirappally.

5.	Internal conference on “Nanomaterials and Nanotechnology (Nano – 15)”	7 to 10 th December 2015	K.S.Rangasamy College of Technology, Tiruchengode.
6.	International Seminar on “Nanoscience and Technology (ISNST2016)	20 September 2016	Mother Theresa University, Kodaikanal.
7.	1 st International Conference on “Nanoscience and nanotechnology (ICNAN 16)”	19 to 21 st October 2016	Centre for Nanotechnology Research (CNR), VIT University, Vellore.
8.	International Conference on “Functional Materials (ICFM)”	7 th & 8 th September 2017	Thiagarajar College, Madurai.
9.	International Conference on “Advanced Functional Materials for Energy, Environment and Biomedical Applications AFMEEB – 2017”	11&12 th December 2017	Madurai Kamaraj University, Madurai.
10.	National Symposium on “Advances in Functional and Exotic Materials”	14 to 16 th February 2018	MRSI Trichy Chapter & Centre for High pressure Research, Bharathidasan University, Tiruchirappalli.
11.	India – UK international Conference on “Advanced Nanomaterials for Energy, Environment and Healthcare Applications (ANEH-2018)	31August and 1 st September 2018	K.S.R College of Arts and Science for women and Swansea University, United Kingdom.
12.	National Conference on “Recent Advanced Materials (NCRAM 2018)	23 &24 th February 2018	Thiruvalluvar University college of Arts and Science, Thennangur, Vandavasi.

SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP/ ATTENDED:

S. No	Name of the Event	Date	Place and Date
1	Workshop on Skill Based Subjects “Personality Development and Effective Communication”	14 & 15 Dec 2009	VOC College, Thoothukudi.
2	Conferences on “Renewable Energy Sources and Technology”	21 to 23 Jan 2010	VHNSN College, Virudhunagar.
3	‘Quality Enhancement’ in the IQAC seminar conducted by IQAC	7 th & 8 th October 2010	G. Venkataswamy Naidu College, Kovilpatti.
4	Seminar on” Innovative Strategy for Technological Developments and Designing New Business Model in renewable Energy Sector”	3 & 4 March 2011	VHNSN College, Virudhunagar.
5	UGC Sponsored National workshop on “Education Through Information and Communication Technology & E-Conducted Development for College Teachers”	14 th and 17 th September 2011	G. Venkataswamy Naidu College, Kovilpatti.
6	First aid & Emergency Care (Basic Life Support)	28 December 2011	Indian Red Cross Society at G.V.N College, Kovilpatti.
7	Two days training programme on “IT for Non-IT Staff”	27&28 th January 2012	ICT at G. Venkataswamy Naidu College (SFC), Kovilpatti.
8	State level Seminar on “Foreign Universities Bill – 2010”	26 August 2012	MUTA at Francis Engineering College, Tirunelveli.
9	National Seminar on “Current Trends In Crystal Growth And Solar Energy”	22 Jan 2013	Sri Meenakshi Government College for Women, Madurai.
10	IEEE International Conference on “Renewable Energy and Sustainable Energy”	5 and 6 Dec 2013	Karunya University, Coimbatore.
11	UGC Sponsored “Staff Competence Building Programme”	3 and 4 th June 2014	G.Venkataswamy Naidu College, Kovilpatti.
12	International Conference on “Nano Science and Engineering Applications – 2014”	26, 27 and 28 th June 2014	Centre for Nano Science & Technology, Jawaharlal Nehru Technological University, Hyderabad.
13	5 th International Conference on “Perspectives in Vibrational spectroscopy (ICOPVS 2014)”	8 to 12 th July 2014	Department of Mar Ivanios College & The Kerala State Higher Education Council, Trivandrum.

14	National seminar on recent trends in “Crystal Growth and Nano Materials (NSCGNM)”	7 to 9 th August 2014	National College, Tiruchirapally.
15	State level Seminar on “Towards Inclusive, Equitable, Secular and Quality Higher Education for All”	27 th September 2014	MUTA XXII Conference, Tirunelveli.
16	FDP on “People Empowering People”	24 & 25 th November 2014	ICT Academy of Tamilnadu at G.V.N College, Kovilpatti.
17	Internal conference on “Nanomaterials and Nanotechnology (Nano – 15)”	7 to 10 th December 2015	K.S.Rangasamy College of Technology, Tiruchengode.
18	International Seminar on “Nanoscience and Technology (ISNST2016)”	20 September 2016	Mother Theresa University, Kodaikanal.
19	1 st International Conference on “Nanoscience and nanotechnology (ICNAN 16)”	19 to 21 st October 2016	Centre for Nanotechnology Research (CNR), VIT University, Vellore.
20	FDP on “Personal and Professional Transformation”	1 & 2 nd December 2016	IQAC, G.V.N College, Kovilpatti.
21	Eye Donation Awareness Camp	02 February 2017	Lions Club of Sivakasi Cracker City at G.V.N College, Kovilpatti.
22	Workshop on “Advancement in characterization Techniques”	20 & 21 st February 2017	Department of Material Science, C.A.R.E Group of Institutions.
23	International Conference on “Functional Materials (ICFM)”	7 th & 8 th September 2017	Thiagarajar College, Madurai.
24	Energy Fest 2017	09 September 2017	Thiagarajar College, Madurai.
25	International Conference on “Advanced Functional Materials for Energy, Environment and Biomedical Applications AFMEEB – 2017”	11 & 12 th December 2017	Madurai Kamaraj University, Madurai.
26	National Symposium on “Advances in Functional and Exotic Materials”	14 to 16 th February 2018	MRSI Trichy Chapter & Centre for High pressure Research, Bharathidasan University, Tiruchirappalli.
27	National Conference on “Recent Advanced Materials (NCRAM 2018)”	23 & 24 th February 2018	Thiruvalluvar University college of Arts and Science, Thennangur, Vandavasi.
28	India – UK international Conference on “Advanced Nanomaterials for Energy, Environment and Healthcare”	31 August and 1 st September 2018	K.S.R College of Arts and Science for women and Swansea University, United Kingdom.

	Applications (ANEH-2018)		
29	FDP on “Effective Teaching Pedagogy and Enabling Positive Values”	24 th April 2018	IQAC, G.V.N College, Kovilpatti.
30	FDP - One day Orientation Programme on “Re-Accreditation Process”	25 th April 2019	IQAC, G.V.N College, Kovilpatti.
31	Spoken Tutorial	20 th July 2019	ICT Academy
32	Orientation Programme on “Outcome Based Education”	26 th Nov 2019	G.V.N College, Kovilpatti.
33	Orientation Programme on “Guideliness for Autonomy Process”	05 th December 2019	G.V.N College, Kovilpatti.
34	FDP on “ICT Tools and E-Content”	25 th May 2020 to 27 th May 2020	G.V.N College, Kovilpatti.
35	Webinar on “Critical Thinking through Literature”	11 th May 2020	PSGR Krishnammal College for women
36	Webinar on “An Insight into NAAC – RAF”	22 May 2020	IQAC, V.O.Chidambaram College, Thoothukudi.
37	Professional development Program on “Advancements in Topological Carbon Materials”	4 th June 2020	Department of Physics, P.K.R Arts College for Women, Erode.
38	One day Webinar on OBE	5 th June 2020	IQAC, G.V.N College, Kovilpatti.
39	National level Webinar on “Effective usage of N-List For Research Initiatives”	21 June 2020	Department of Library and Department of English, G.V.N College, Kovilpatti.
40	State level Webinar on “Writing a Scientific Manuscript and Scientific Research Proposal-Key Points to Remember”	30 th October 2020	Department of Chemistry, G.V.N College, Kovilpatti.
41	One day FDP “Research and development funding opportunities for Indian Faculty”	03 November 2020	Research Committee, G.V.N College, Kovilpatti.
42	Training Programme on “Laboratory Safety and First Aid”	13 th February 2021	Department of Chemistry, G.V.N College, Kovilpatti.
43	FDP on “New Education Policy in Higher Educational Institutions”	24 th February 2021	IQAC, G.Venkataswamy Naidu College, Kovilpatti.
44	National level webinar on “NDLI: A single window for world E-Resources”	7 th May 2021	Department of Library, G.Venkataswamy Naidu College, Kovilpatti.

45	FDP on “Introduction to drafting and filing a Patent”	22 May 2021	Research Committee, G.Venkataswamy Naidu College, Kovilpatti
46	National Webinar on ‘Restoring our Ecosystem for Future’	5 th June 2021	Centre for Water Resources Management (CWRM), University of Madras, Chennai.
47	one-day National Level Webinar on “Cancer Prevention and Healthy Lifestyle”	10 th June 2021	Internal Quality Assurance Cell, G.Venkataswamy Naidu College, Kovilpatti in association with Sangeevani-Life Beyond Cancer, Mumbai.
48	National webinar on "THE PSYCHOSOCIAL IMPACT DURING PANDEMIC "	15 June 2021	Department of English, G.Venkataswamy Naidu College, Kovilpatti in collaboration with UGC, New Delhi.
49	Webinar on “Enhance Immunity through Yoga”	21 st June 2021	Department of Physical Education and Yoga Club, Department of Library, G.Venkataswamy Naidu College, Kovilpatti.
50	One Week Online Faculty Development Program on “Synthesis, Characterization and Applications of Novel Materials”	02 to 06 th August 2021	Department of Physics & Chemistry, Ramco Institute of Technology, Rajapalayam.
51	One day Symposium on “Advanced material for sustainable future”	08 th January 2022	Department of Physics in association with the Department of Chemistry, Research Council & Institution Innovation Council of Ramco Institute of Technology, Rajapalayam.
52	Two days National Virtual conference on “The role of IQAC in Quality Sustenance and Quality Enhancement in the context of revised Assessment and Accreditation Framework (RAAF) in higher education Institution (HEI)”	15 and 16 October 2022	The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli.
53	Webinar on “Nanotechnology for Electrochemical Energy”	30 th October 2022	The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli.
54	Webinar on “Nanomaterials for Novel Applications”	13 th January 2023	Department of Physics, of Ramco Institute of Technology, Rajapalayam.

55	Five day Faculty development Programme on “Innovative Approaches in higher Education and Research”	15 October 24 to 19 October 24	IQAC, GVN College, Kovilpatti
56	Faculty Development Programme on “GVNC LMS HANDS ON TRAINING”	08 October 2025	IQAC, GVN College, Kovilpatti

SEMINARS/ CONFERENCES / WORKSHOP ORGANISED:

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	One day Workshop on “Disaster Management & First Aid”	Centre for Disaster Management and Awareness and Youth Welfare Committee, G.V.N College, Kovilpatti.	G.Venkataswamy Naidu College, Kovilpatti.

Date:

Signature