

RESUME



A. NEELA
Assistant Professor,
Rani Anna Government
College for College
Tirunelveli-627 002
TAMIL NADU

PERSONAL DETAILS

Date of Birth : 31-05-1975
Qualification : M.Sc., NET, Ph.D.
Designation : Assistant Professor Chemistry
Department : Chemistry
Community : SC
Religion : Hindu
Nationality : Indian
Email ID : a.neelahariharan@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc.	Chemistry	Govindammal Aditanar	Manonmaniam Sundaranar University	1996
M.Sc.	Chemistry	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	1999
NET	Chemistry	-----	Delhi university	2002
Ph. D	Chemistry	Sarah Tucker	Manonmaniam Sundaranar University	2021

TEACHING EXPERIENCE

Date of Appointment	13-10-2008
Date of Retirement	01-06-2033
Teaching Experience	14 years

COURSES/ CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
UG	Arignar Anna Govt. College	9.11.2008	9.7.2009	
UG & PG	Rani Anna Govt. College for Women	10.7.2009	till Date	

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (5)

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	ORIENTATION	MADRAS UNIVERSITY	Ehiraj College, 13/10/2008 to 09/11/2008
2.	REFRESHER	BHARATHIDASAN UNIVERSITY	03/12/2010 to 23/12/2010
3.	REFRESHER	MADURAI KAMRAJ UNIVERSITY	16/11/2018 to 06/12/2018
4.	REFRESHER	GUJARAT UNIVERSITY	28/09/2020 to 11/10/2020
5.	REFRESHER	UNIVERSITY OF DELHI	14/07/2021 to 28/07/2021

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Finished	GREEN SYNTHESIS, CHARACTERIZATION AND APPLICATION OF NANO PARTICLES BY PLANT EXTRACTS	MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI – 627 012

AREAS OF RESEARCH

Green Synthesis, Nano Particles by Plant Extracts

PUBLICATIONS: UGC LISTED JOURNALS (6)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Nickel Oxide-Catalyzed Synthesis of 4-Amino-2H-Chromenes: Its Application in Antimicrobial Studies and Towards Protein Docking	Asian Journal of Chemistry	vol.31, no.5, pp. 1049–1056, ISSN: 09707077, 25, [SJR 0.31] UGC Serial no: 25
2	Synthesis, Characterization And Application Of Nano Bound Terpolymer	International Journal Of Scientific & Technology Research	vol. 9, no.2, pp. 729-733, ISSN: 2277-8616, 208, [SJR 0.12] UGC Serial no: 208.
3	Preparation of <i>in-situ</i> -casted cellulose-ZnO nanocomposite-catalysed benzotriazole analogues and the evaluation of their anti-cancer activities	Trends in Carbohydrate Research	vol.11, no.4, pp. 49-63, ISSN: 0975-0304, 415, [IF 0.12] UGC Serial no: 415.
4	Leaf-Templated Synthesis of Cobalt Oxide Nanoparticle As A Sensing Patch For Aspartame	Studies in Indian Place Names	vol.40, no.71, pp.1128-1138, ISSN: 2394-3114.
5	Facile route for the synthesis and cytotoxic effect of 2-amino-4H-benzo[b]pyran derivatives in aqueous media using copper oxide nanoparticles decorated on cellulose nanocrystals as heterogeneous catalyst	Inorganic and Nano-Metal Chemistry	(2019), ISSN: 2470-1556 (Print)
6	Metal Complexes of Tridentate (NNO) 4H-Chromene Schiff base: Design, Synthesis, Physico-chemical Analysis and Biological Screening	Studies in Indian Place Names	ISSN: 2394-3114; Vol-40-Issue-71-March -2020

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
PAPER PRESENTED: National (1) International (5)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Leaf-templated Synthesis Of Cobalt Oxide Nanoparticle As A Sensing Patch For Aspartame	International conference on Recent Trends in Multi-Disciplinary Research(ICRTMDR-2020)	A.P.C. Mahalaxmi College for Women, Thoothukudi; 27.02.2020 to 28.02.2020
2	CNCS / ZnO Nanocomposite Catalyzed Benzotriazole analogs and their anti-diabetic activities	International conference on Advanced Materials Chemistry at the interfaces of energy, environment and medicine	Manonmaniam Sundaranar university, Tirunelveli; 30.01.2019 to 31.01.2019
3	Metal Hybrid of One Three Component Bidentate Schiff Base Complex and its Biological Application.	Third International Conference of KAAS	Nesamony Memorial Christian College, Marthandam; 28.09.2018 to 29.09.2018
4	Aqua Mediated Synthesis of Substituted 2-amino-4H chromenes by Green and Reusable Catalyst and their preliminary biological studies	National Conference on Material Science and Technology	Indian Institute of Space Science and Technology, Thiruvananthapuram. Kerala ; 12.7.2016 to 14.7.2016
5	Photocatalytic degradation of organic dye using copper doped Zinc oxide nanoparticle	International Conference on New Advances in chemistry and materials	Sarah Tucker college, Tirunelveli; 5.1.2016
6	Bio synthesis of NiO nanoparticles from <i>Andrographis paniculata</i> as a heterogeneous catalyst for One pot synthesis of 2-amino-4H chromenes	International Conference on Recent Trends in Analytical Chemistry	University of Madras; 28.12.2015 to 30.12.2015

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP**ATTENDED: 46**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	The National Level Workshop on MICROSCALE EXPERIMENTS IN ORGANIC CHEMISTRY	S.T. Hindu College, Nagercoil - 629 002	S.T. Hindu College, Nagercoil - 629 002 on 8th January, 2010
2	The State level Seminar on Emerging Trends in Chemistry (Molecular Modeling & insilico Drug Design)	The Department of Chemistry, Sadakathullah Appa College, Rahmath Nagar, Tirunelveli-627 011	the Department of Chemistry, Sadakathullah Appa College, Rahmath Nagar, Tirunelveli-627 011 on 12.03.2011
3	The National seminar on "Shrinking Wetlands! Raising Global Temperature~!!~"	Ministry of Earth Sciences, Govt. of India, New Delhi	the Department of Botany, Rani Anna Government College for women, Tirunelveli 627 008, Tamil Nadu during July 21 22, 2011.
4	The National seminar on Frontiers in Chemistry (FIC-2013) held at the	Department of Chemistry, St. Xavier's College (Autonomous), Palayamkottai	Department of Chemistry, St. Xavier's College (Autonomous), Palayamkottai, on 1st February, 2013.
5	Lecture Workshop on Emerging trends in Chemistry	Indian Science Academies	Devanga Arts College, Aruppukottai; 18.07.2014 to 20.07.2014
6	Conference on materials and Drug Chemistry	Sarah Tucker College, Tirunelveli	Sarah Tucker College, Tirunelveli; 27.08.2014
7	Seminar on Emerging trends in Chemistry	Sri Sarada college for women, Tirunelveli	Sri Sarada college for women, Tirunelveli; 16.12.2014
8	Seminar on Recent Trends in Chemistry	Madurai Kamaraj University	Madurai Kamaraj University; 11.09.2015
9	Conference on Recent Advances in Materials and Chemical Sciences	UGC	Gandhigram Rural Institute, Deemed University; 14.12.2015,15.12.2015
10	Conference on Recent Trends in Analytical Chemistry	RSC	University of Madras; 28.12.2015 to 30.12.2015
11	Conference on New Advances in chemistry and materials	UGC	Sarah Tucker college, Tirunelveli; 5.1.2016

12	Workshop on Applications of Photo reactor	Sarah Tucker College, Tirunelveli	Sarah Tucker College, Tirunelveli; 17.3.2016
13	Conference on Material Science and Technology	Department of Space, Govt. of India	Indian Institute of Space Science and Technology, Thiruvananthapuram. Kerala.; 12.7.2016 to 14.7.2016
14	Workshop on Catalysis in Organic transformations	Royal Society of Chemistry	Bharathidasan University, Tiruchirappalli; 20.10.2016 to 21.10.2016
15	Conference on Recent Trends in Material Science	Sarah Tucker College, Tirunelveli	Sarah Tucker College, Tirunelveli; 15.12.2016
16	Lecture work shop on developments in chemistry	Indian Science Academies	Kamaraj College, Thoothukudi; 22.08.2017 to 23.08.2017
17	Two Days Technical Workshop on Intellectual Property Rights	Tamil Nadu State Council for Science & Technology	Sarah Tucker College, Tirunelveli; 31.01.2018 to 01.02.2018
18	Conference on Advanced Materials Chemistry at the interfaces of energy, environment and medicine	Manonmaniam Sundaranar university, Tirunelveli	Manonmaniam Sundaranar university, Tirunelveli; 21.02.2018 to 23.02.2018
19	Lecture work shop on Developments in chemistry	Indian Science Academies	Manonmaniam Sundaranar university, Tirunelveli; 5.7.2018 to 6.7.2018
20	Two Days Workshop on Women in Science and Research	United States India Educational Foundation	V.O. Chidambaram College, Thoothukudi; 27.07.2018 to 28.07.2018
21	Two Days National Workshop on various aspects of computed aided drug discovery	Athmic Biotech Solutions Pvt Ltd, Kalliyoor, Thiruvananthapuram. Kerala	Athmic Biotech Solutions Pvt Ltd, Kalliyoor, Thiruvananthapuram. Kerala; 11.08.2018 to 12.08.2018
22	Third International Conference of KAAS	Nesamony Memorial Christian College, Marthandam.	Nesamony Memorial Christian College, Marthandam.; 28.09.2018 to 29.09.2018
23	Conference on Advanced Materials Chemistry at the interfaces of energy, environment and medicine	Manonmaniam Sundaranar university, Tirunelveli	Manonmaniam Sundaranar university, Tirunelveli; 30.01.2019 to 31.01.2019
24	National Symposium On Resent Advances in Physical Science	Rani Anna Govt. College for Women, Tirunelveli	Rani Anna Govt. College for Women, Tirunelveli; 18.03.2019 to 19.03.2019
25	International conference on Recent Trends in Multi-Disciplinary Research(ICRTMDR-2020)	A.P.C. Mahalaxmi College for Women, Thoothukudi	A.P.C. Mahalaxmi College for Women, Thoothukudi; 27.02.2020

			to 28.02.2020
26	Design, Develop and Deliver Online Course through MOODLE platform- Two days FDP	Tamil Nadu Council for Higher Education with Technical support of DOTE	Tamil Nadu Council for Higher Education with Technical support of DOTE; 15.5.2020 to 16.5.2020
27	Structural characterization of materials	Department of chemistry & IQAC of Nazareth Margoschis College, Nazareth.	Department of chemistry & IQAC of Nazareth Margoschis College, Nazareth.; 5.6.2020
28	A SYSTEMATIC APPROACH TOWARDS MOLECULAR DOCKING AND DRUG DESIGN	the Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89	the Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89 on 15th May, 2020
29	International Webinar on “Current Applications of NMR Spectroscopy	PG Department of Chemistry, T.D.M.N.S. College, T. Kallikulam, Tirunelveli, Tamil Nadu	PG Department of Chemistry, T.D.M.N.S. College, T. Kallikulam, Tirunelveli, Tamil Nadu, on 29th MAY, 2020
30	International Webinar Series on ‘Emerging Trends In Energy & Healthcare’	The DEPARTMENT OF CHEMISTRY, Annai Hajira Women’s College, Melapalayam, Tirunelveli - 627005, Tamil Nadu, India	The DEPARTMENT OF CHEMISTRY, Annai Hajira Women’s College, Melapalayam, Tirunelveli - 627005, Tamil Nadu, India.; from 25.06.2020 to 27.06.2020
31	One – day National Webinar on "COVID-19 & Care for Environment	Internal Quality Assurance Cell, St. Xavier’s College, Palayamkottai	Internal Quality Assurance Cell, St. Xavier’s College, Palayamkottai. 26 June, 2020
32	Functionalized Nanomaterials and its Applications towards Photo/Electrochemical Biosensors	Sourashtra College, Department of Chemistry, Madurai	Sourashtra College, Department of Chemistry, Madurai; 18.02.2021
33	UGC sponsored- National level five days online faculty development Programme on “Recent Advances in Chemistry Teaching & Learning “	UGC	Dwaraka Doss Goverdhan Doss Vaishnav College, Department of Chemistry, Chennai; 20.2.2021 to 26.02.2021
34	Recent Advances in Materials Chemistry	Chemistry Division. Department of Sciences and Humanities (S & H)	Chemistry Division. Department of Sciences and Humanities (S & H) on 3rd June 2021.
35	Basic Sciences of MRI contrast agents	The PG & Research Department of Chemistry & Bio Chemistry, TBML College, Porayar,	The PG & Research Department of Chemistry & Bio Chemistry, TBML College, Porayar,

		Mayiladuthurai District, Tamil Nadu, India	Mayiladuthurai District, Tamil Nadu, India on 12th June 2021
36	Synthesis and Catalytic Applications of Supported Metal Nanoparticles	The PG & Research Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu - 627 011	The PG & Research Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu - 627 011 on June 15, 2021
37	International Webinar on Advancements in Chemical Sciences; Research Prospects and Career options	Department of Applied Chemistry, Karunya institute of technology and sciences, Coimbatore	Department of Applied Chemistry, Karunya institute of technology and sciences, Coimbatore; 17- 06-2021
38	Opportunities for Young Chemists	RSC	the Post Graduate and Research Department of Chemistry, GURU NANAK COLLEGE (AUTONOMOUS), Guru Nanak Salai, Velachery, Chennai-42 in association with RSC (South India) on 18th June 2021
39	WHAT THE MOLECULAR SPECTRUM (S)PEAKS	PG & Research Department of Chemistry & Biochemistry, T.B.M.L.College, Porayar- 609307	PG & Research Department of Chemistry & Biochemistry, T.B.M.L.College, Porayar-609307 on 19th June 2021
40	RECENT ADVANCES IN EMERGING 3D NANOMATERIALS FOR REAL-WORLD ENERGY TECHNOLOGIES	PG & Research Department of Chemistry, T.B.M.L.College, Porayar- 609307, Tamilnadu, India	PG & Research Department of Chemistry, T.B.M.L.College, Porayar-609307, Tamilnadu, India on 26th June 2021
41	Faculty Development Programme on Investor Education & Awareness	Rani Anna Government College for Women, Tirunelveli	Sraddha Academy for Financial Education in association with The PG & Research Department of Commerce, Rani Anna Government College for Women, Tirunelveli, on 10th November, 2021
42	Pioneering emerging Opportunities & Exploring new realm in Chemical Sciences	DBT Sponsored	Department of Chemistry, NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS), Red Fields, Coimbatore – 641 018 on 24.01.2022 & 25.01.2022

43	Spinel based Mixed metal oxides for Energy Storage Applications	Department of Chemistry, KPR Institute of Engineering and Technology (Autonomous) Avinashi Road. Arasur. Coimbatore - 641 407	Department of Chemistry, KPR Institute of Engineering and Technology (Autonomous) Avinashi Road. Arasur. Coimbatore - 641 407; 23.02.2022.
44	Needs and Metrics of Green Chemistry	DBT Sponsored	Postgraduate and Research Department of Chemistry, Vivekananda College, Tiruvedakam West, Madurai - 625 234, Tamil Nadu on 31st March 2022
45	6 th Faculty Development Program (FDP) on Computational Chemistry of Materials : Molecule, Solids, Nanoparticles and Biological Activity (CCM 2022)	Organized by Centre for Advanced Computational Chemistry Studies, Delhi	Organized by Centre for Advanced Computational Chemistry Studies, Delhi from 5th To 11th September 2022
46	5 day Online Hands on Training on ChemDraw	SIAS Research Forum	SIAS Research Forum, SIAS Research Forum, Kohinoor, Calicut University (po), Kerala, India; From 20-11-2022 To 24-11-2022

Date: 06-04-2023

NAME: A. Neela