

RESUME

Name : Dr. N. Chandra Lekha
 Department :Chemistry
 Designation :Assistant Professor
 Category : SF
 Phone No : 9894812368
 Email Id : chandralekha1978@yahoo.com
 Date of Birth :28.6.1978
 Date of Joining : 14-06-2007
 Date of Retirement :



Qualification:

Sr.	Category	Name of the Degree	Specialization	Year of Passing	Name of the College/University	% of Marks / Grades Obtained	Class Obtained
1	Regular	B. Sc	Chemistry	April 1998	Vivekananda College / M.S. University	70.83	First
2	Regular	M.Sc.,	Chemistry	Nov 2001	Scott Christian College / M.S.University	63.45	First
3	Regular	M.Phil	Chemistry	April 2004	S.T.Hindu College / M.S. University	60.80	First
4	Regular	Ph.d.,	Chemistry	Nov 2016	Scott Christian College / M.S.University		First

Academic Experience:

Name of the College	Whether Aided/SF	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Jaya Matha Engineering College, Aralvaimozhi	SF	Assistant Professor	5-8-2002	5-11-2002		3	
BMC Matriculation Higher Secondary School, Tuticorin	SF	PG Teacher			1		

Kamaraj College	SF		14-06-2007	Till date	16	3	
				Total	17		

Number of Ph.D scholars completed:

Sr.	Name of the Scholar	Register Number	Year of completion	Name of the University
1	V.Parthiban	18212102031009	2023	M.S.University
2	G.Kalarani	18222102032018	2023	M.S.University
3	Jacob Vincent	11929	2023	M.S.University

Number of Ph.D scholars registered:

Sr.	Name of the Scholar	Register Number	Year of Registration	Name of the University
1	J.Jeyapratha	19112102032001	Dec 2018	M.S.University
2	A. Marimuthu	23112102031012	May 2023	M.S.University
3	Sathasivam.P	23112102031013	May 2023	M.S.University

Papers Published:

Sr.	Name of the Author	Title of the Paper	Name of the Journal	Year	Vol. No. Issue No.	Page No	Impact of Factor
1	Dr.N.Chandra lekha	Marine plants are the source of lead compounds for the better alternative drugs for the treatment of kidney stones.	Int. J. Curr. Res. Biosci. Plant Biol.	2015	2(11)	56-60	
2	Dr.N.Chandra lekha	In vitro antiplasmodial activity of kani herb alstonia scholaris	Innovative Journal of Medical and Health Science	4 July - August (2015)	5	166 – 169.	
3	Dr.N.Chandra lekha	Phytochemical analysis of Chosen Seaweeds and Sea grasses extracts from Tuticorin Coastal Areas. In: Gulf of Mannar.	Aquaculture Development Trends in India	Dec-2016.		pp-316-32	

4	Dr.N.Chandra lekha	Synthesis and Characterization of silver nanoparticles using <i>Centella asiatica</i> leaves and their antibacterial and antifungal activities	International Journal of Recent Research Aspects	April 2018			1.235.
5	Dr.N.Chandra lekha	Comparative study of green synthesized silver nanoparticles using flower extract of <i>Rosa chinensis</i> and <i>Nelumbo nucifera</i> and its antimicrobial activity	International Journal of Recent Research Aspects	April 2018			1.235.
6	Dr.N.Chandra lekha	Antimalarial activity of chosen marine halophytes from Tuticorin coast against chloroquinone sensitive <i>Plasmodium falciparum</i>	International Journal of Recent Research Aspects	April 2018			1.235.
7	Dr.N.Chandra lekha	Study of estimation of L-ascorbic acid, phytochemical analysis and antibacterial activity in fruit juices	Journal of pharmacognosy and phytochemistry	Oct 2018			5.21
8	Dr.N.Chandra lekha	Green synthesis and characterization of silver nanoparticles using leaf and stem aqueous extract of <i>Pauzolia Bennettiana</i> and their antioxidant activity	Journal of pharmacognosy and phytochemistry	Oct 2018			5.21
9	Dr.N.Chandra lekha	Comparative study of green synthesized silver nanoparticles using leaf and stem extract of <i>Pauzolia bennettiana</i> and its antimicrobial Activity.	International Journal of Management, Technology And Engineering	Dec 2018.			6.3
10	Dr.N.Chandra lekha	Antimalarial activity of identified chemical classes of <i>Caulerpa scalpelliformis</i> from Tuticorin coast against chloroquinone sensitive <i>Plasmodium falciparum</i>	International Journal of Recent Research Aspects	Feb 2019			1.235
11	Dr.N.Chandra lekha	Antimicrobial and antioxidant activities of green synthesized Silver nanoparticles using	International Journal of Recent	Feb 2019			1.235

		<i>Ipomoea pes-caprae</i> leaf extract	Research Aspects				
12	Dr.N.Chandra lekha	Synthesis and characterization of silver nanoparticles using seaweed <i>Sargassum tennerimum</i> and their antioxidant activity	International Journal of Recent Research Aspects	Feb 2019			1.235
13	Dr.N.Chandra lekha	Green synthesis of copper nanoparticles from the flower extract of <i>Ipomea pes-caprae</i> collected from Thoothukudi coastal areas	International Journal Of Advanced Scientific Research And Management (IJASRM)	April2019	Special Issue 4	6 - 9	4.265
14	Dr.N.Chandra lekha	Synthesis, characterization and electrochemical studies of Polyaniline / Benzalazine / cobalt (II) chloride composite	International Journal of Advanced Scientific Research and Management	April 2019			
15	Dr.N.Chandra lekha	Green Synthesis of Copper Nanoparticles from <i>Hibiscus rosa-sinensis</i> , its characterization and Phytochemical Analysis	Kamaraj Journal Of Academic Research		volume 1, Issue2		
16	Dr.N.Chandra lekha	A review on phytochemical screening and assessment of <i>Annona Muricata</i>	Kamaraj Journal Of Academic Research		volume 1, Issue4		
17	Dr.N.Chandra lekha	Biosynthesis of Silver Nanoparticles Using <i>Annona muricata</i> Leaf Extract and its Antioxidant Activity	International Journal of Recent Technology and Engineering (IJRTE)	September 2019	Volume-8, Issue-2S11,	2048-51	5.87
18	Dr.N.Chandra lekha	Green Synthesis of Silver Nanoparticles from aqueous leaves extract of <i>Hibiscus rosa-sinensis</i> and its antioxidant activity	Kamaraj Journal of Academic Research	Sept-2019			
19	Dr.N.Chandra lekha	An Eco-friendly Synthesis of Silver Nanoparticles using <i>Stoechospermum marginatum</i> , its characterization and its antioxidant activity	Journal of Modern Chemistry & Chemical Technology	2019			

20	Dr.N.Chandra lekha	Biological studies of doped and undoped ZnO nanoparticles synthesized from Mimosa elengi flower extract, their characterization and phytochemical analysis of the flower extract	Studies in Indian Place Names	Mar-2020	40 71	1051-1057	
21	Dr.N.Chandra lekha	New Approach for Anticancer Activity By Biosynthesized Copper Nanoparticles Using Stoechospermum marginatum Enzymes Extract	Studies in Indian Place Names	Mar-2020			
22	Dr.N.Chandra lekha	Biosynthesis of Silver Nanoparticles from Enzymes mediated Citrus aurantifolia and their anticancer Activities	TEST Engineering & Management	Apr-2020	83	25491-25498	
23	Dr.N.Chandra lekha	Eco-friendly green synthesis of copper nanoparticles using leaf extract of medicinal plant Jatropha gossypifolia	International Journal of Psychosocial Rehabilitation	May 2020	24 8	5998-6003	0.111
24	Dr.N.Chandra lekha	Computational Analysis of groundwater quality near the salt-pans of Thoothukudi District, TamilNadu, India	International Research Journal of Modernization in Engineering Technology and Science	Apr-2020	13	107-110	5.345
25	Dr.N.Chandra lekha	Bio-Engineered Copper oxide Nanoparticles Using Citrus aurantifolia Enzyme Extract and its anticancer activity.	Journal of Cluster Science	Dec-2020	33	45-53	3.447
26	Dr.N.Chandra lekha	Preparation of Enzymes from Plant leaves Extracts- a Mini Review	Tathapi	June 2020	19 34	187-194	
27	Dr.N.Chandra lekha	Therapeutic Potential of L-Isoleucine As Human Defensins Inducer And Ace	Kamaraj Journal of	Dec-2020	2 1	10-15	

		Inhibition To Combat Covid-19	Academic Research				
28	Dr.N.Chandra lekha	Antioxidant and Antimicrobial Potential of Green Synthesized Copper Oxide Nanoparticles Using Phyllanthus niruri	Annals of R.S.C.B.	April 2021	254	12900-12908	0.90
29	Dr.N.Chandra lekha	Biosynthesized Palladium And Platinum Nanoparticles' Antimicrobial And Antioxidant Activity	Ion Exchange and Adsorption (ISSN: 1001-5493)	2023	231	75-87	0.09
30	Dr.N.Chandra lekha	Copper Oxide Nanoparticles Bioengineered With Valoniopsis Pachynema Enzyme Extract And Their Anticancer Activity	Ion Exchange and Adsorption (ISSN: 1001-5493)	2023	231	62-74	0.09
31	Dr.N.Chandra lekha	Halimeda Tuna Enzyme Promoted The Formation Of Gold Nanoparticles And Their Antibacterial Efficacy Against Gram positive Infections	Ion Exchange and Adsorption (ISSN: 1001-5493)	2023		51-61	0.09

Conference / Seminar / Workshop / Orientation / Refresher Course / Symposia / Training Programme Attended:

Sr.	Theme	Place	International / National / State Level	Year	Resource Person / Participation
1	Workshop on Skill Based Subjects - Personality Development and Effective Communication	V.O.C College, Thoothukudi.	State	14-12-2009 & 15-12-2009	Participation
2	Seminar on Modern Trends in Ecofriendly Chemicals And Fluoride Toxicity	Vivekananda College, Agasteeswaram	State	05-03-2010	Participation
4	Symposium on Nano science	St. Mary's College, Thoothukudi.	National	29-11-2012	Participation
5	Seminar on Recent Trends in Nano science and Technology	Scott Christian College, Nagercoil.	National	31-01-2013	Participation

6	Training Programme on Conservation and Management of Mangrove scheme	TamilNadu Forest Department, Thoothukudi	State	23-03-2013	Participation
7	Workshop on Characterization Techniques	PSN College of Engineering and Technology, Tirunelveli.	State	27-09-2014	Participation
8	Lecture Workshop on Recent Advances in Chemistry	V.O.C College, Thoothukudi.	State	26-02-2016 & 27-02-2016	Participation
9	Research Orientation Programme for Research Supervisors	M.S. University, Tirunelveli.	State	01-11-2017	Participation
10	Workshop on Computer aided drug discovery	Athmic biotech solutions, Kerala	National	11-08-2018 & 12-08-2018	Participation
11	Lecture Workshop on Developments in Chemistry	Kamaraj College, Thoothukudi.	State	22-08-2017 & 23-08-2017	Participation
12	Workshop on Extraction, purification and characterization of phytochemicals	Athmic biotech solutions, Kerala	National	19-10-2018 & 20-10-2018	Participation
13	Workshop on Writing and Publishing Research articles: A strategic approach	Kamaraj College, Thoothukudi.	State	01-10-2019	Participation
14	Workshop on Basics of Animal cell culture and in vitro studies	Athmic biotech solutions, Kerala	National	12-02-2021	Participation

Paper Presentation

Sr.	Theme	Place	International / National / State Level	Year	Paper Presentation
1	Synthesis and Characterization of silver nanoparticles using <i>Centella asiatica</i> leaves and their antibacterial and antifungal activities	V.O.C College, Thoothukudi.	International	19-04-2018 & 20-04-2018	Presentation
2	Comparative study of green synthesized silver nanoparticles using flower extract of <i>Rosa chinensis</i> and <i>Nelumbo nucifera</i> and its antimicrobial activity	V.O.C College, Thoothukudi.	International	19-04-2018 & 20-04-2018	Presentation

3	Antimalarial activity of identified chemical classes of <i>Caulerpa scalpelliformis</i> from Tuticorin coast against chloroquine sensitive <i>Plasmodium falciparum</i>	A.P.C.College, Thoothukudi.	International	20-12-2018 & 21-12-2018	Presentation
4	Antimicrobial and antioxidant activities of green synthesized Silver nanoparticles using <i>Ipomoea pes-caprae</i> leaf extract	A.P.C.College, Thoothukudi.	International	20-12-2018 & 21-12-2018	Presentation
5	Synthesis and characterization of silver nanoparticles using seaweed <i>Sargassum tennerimund</i> and their antioxidant activity	A.P.C.College, Thoothukudi.	International	20-12-2018 & 21-12-2018	Presentation
6	Biosynthesis of Silver Nanoparticles Using <i>Annona muricata</i> Leaf Extract and its Antioxidant Activity	Narayana engineering college, Nellore.	International	2019	Presentation
7	New approach for anticancer activity by biosynthesized copper nanoparticles using <i>Stoecheospermum marginatum</i> enzyme extract	A.P.C College, Thoothukudi.	International	Feb 2020	Presentation
8	Biological studies of doped and undoped ZnO nanoparticles synthesized from <i>Mimosa elengi</i> flower extract – characterization and phytochemical analysis of the flower extract.	A.P.C College, Thoothukudi.	International	Feb 2020	Presentation
9	Biosynthesis of Silver Nanoparticles from Enzymes mediated <i>Citrus aurantifolia</i> and Their Anticancer Activities	A.P.C College, Thoothukudi.	International	Feb 2020	Presentation
10	Green synthesis of copper nanoparticles using leaf extract of medicinal plant <i>Jatropha gossypifolia</i>	A.P.C.College, Thoothukudi.	International	Feb 2020	Presentation

Organized Events:

Sl. No.	Name of the particulars	Name of the Institution	Mode	Date
---------	-------------------------	-------------------------	------	------

1	Workshop on Micro scale Experiments in Chemistry	Kamaraj College, Thoothukudi.	State	27-08-2018
2	Online quiz on PEP-UP SCIENCE 2020	Kamaraj College, Thoothukudi.	National	14-05-2020 to 17-05-2020
3	Webinar on Science behind Criminal Investigation (SBCI-2020)	Kamaraj College, Thoothukudi.	National	22-07-2020
4	Online quiz competition titled CHEMISTRY FOREVER	Kamaraj College, Thoothukudi.	College	23-10-2020
5	Webinar on Tricks and Tips for CSIR-NET/ SET Chemical Sciences	Kamaraj College, Thoothukudi.	College	30-11-2020
6	Webinar on Career guidance to attain placement in SPIC	Kamaraj College, Thoothukudi.	College	24-01-2021
7.	National Level e-Quiz on Everyday is Earth Day	Kamaraj College, Thoothukudi.	National	22-4-2021
8.	National Level e-Quiz on Science is Everywhere	Kamaraj College, Thoothukudi.	National	11-05-2021
9.	National Level e-Quiz on Nature is Future	Kamaraj College, Thoothukudi.	National	28-07-2021
10.	Five Days International Level Virtual Workshop on Tricks and Tips for CSIR-NET/ SET Chemical Science	Kamaraj College, Thoothukudi.	International	16-08-2021 to 20-08-2021
11.	State Level Seminar on Eco-Friendly Energy Storage Devices	Kamaraj College, Thoothukudi.	State	07-10-2021
12.	National Level Virtual Workshop on Research Methodology – Publishing Quality Research Articles in High Impact Factor Journals	Kamaraj College, Thoothukudi.	National	30-10-2021
13	Workshop on Micro scale Experiments in Chemistry	Kamaraj College, Thoothukudi.	State	15-02-2023
14	Basic Principles of Intellectual Property Rights in India	Kamaraj College, Thoothukudi.	State	23-02-2023

Other Relevant Information:

1. Senior Research Fellow in Central Marine Fisheries Research Institute, Tuticorin (2004)
2. Recognition as an approved Guide from MS University (30-8- 2017)
3. Filed a patent in the title “A method for Enzyme Mediated Green Synthesis of Zinc Oxide Nanoparticles”(Application No. 202341012485)

It is certified that all the information provided are true to the best of my knowledge.

(Endorsement by the Principal)