

PROFILE

Name: N. LAKSHMI KRUTHIKA

Designation: ASSISTANT PROFESSOR & HEAD



Academic Qualifications:

S.No.	Degree	Name of the Institution/ University
1	B.Sc, Chemistry 2005	PSGR Krishnammal College for Women/ Bharathiyar University
2	M.Sc, Chemistry 2007	The American College/ Madurai Kamaraj University
3	MPhil, Chemistry 2008	Pondicherry University
4	NET, Chemical Sciences 2009	CSIR-UGC

Teaching Experiences:

S.No.	Name of the Institute	Designation	From	To
1	New Price Shri Bhavani College of Engineering and Technology, Chennai	Lecturer	06-07- 2009	31-03-2010
2	Jerusalem college of Engineering, Chennai	Assistant Professor	10-07- 2013 25-06- 2015	31-12-2014 29-07-2016
3	DGVaishnav College, Chennai	Assistant Professor	24-08- 2016	25-05-2019
4	MannarThirumalaiNaicker College	Assistant Professor	01-06- 2019	Till date

Areas of specialization:

Organometallic Chemistry, Electro oxidation

Orientation programmes attended:

S.No	Orientation	Name of the Institution/University	Month and Year
1	2 Day Orientation Programme On Teaching Methodologies	Jerusalem College of Engineering	JUN 2014
2	One week Faculty Orientation PROGRAMME	DGVaishnav College	NOV 2018
3	UGC sponsored PMMMNMTT Faculty Induction Programme	Ramanujan College, Delhi University	4/6/2020 to 1/7/2020

Chapters Published in edited volumes:

Title	Author's Name	Publisher	ISBN number
<i>Degradation of Tannic Acid Powered by TiO₂ Nanoparticles. Photocatalytic Materials and Surfaces for Environmental Cleanup--II, Volume 2. 2003</i>	N. Lakshmi Kruthika, G. Bhaskar Raju, S. Prabhakar	Trans Tech Publications Limited, Switzerland	3037855479, 9783037855478

Research experience:

Name of the Institute	Designation	Amount Received	From	To
National Metallurgical Laboratory, CSIR Madras Complex, Taramani, Chennai	Research Intern	Rs.3,60,000	01-04-2009	31-03-2012

Papers publications in UGC notified journals:

Title of the paper	Name of the Authors	Name of Journal	Month & Year	Volume & Issue	Impact factor
Degradation of Tannic Acid Using TiO ₂ Nanotubes as Electrocatalyst	N. Lakshmi Kruthika, G.Bhaskar Raju, and S. Prabhakar	Journal of Nanoscience	Jan 2014	Article ID: 481023 Vol 2014	0.5

Papers published in Scopus:

Title of the paper	Name of the Authors	Name of Journal	Month & Year	ISSN	Volume & Issue	Impact factor	Indexed in
Efficacy of electrocoagulation and electrooxidation for the purification of wastewater generated from gelatin production	N. Lakshmi Kruthika, S. Karthika, G. Bhaskar Raju, S. Prabhakar	Journal of Environmental Chemical Engineering	2013	22133437	Vol 1, issue 3	4.02	Scopus

Papers presented in conferences / Seminars:

S.No	Title of the Paper	International/National /State level	Title of the Conference	Institution/College Name	Date
1.	Synthesis of Malononitrile Based Conjugated Diol	International level	Emerging Trends in Chemistry and Energy Science	Saraswathi Narayanan college, Perungudi, Madurai	02 FEB 2020

Workshop/FDP Attended:

S.No	Title of the Workshop/Conference	Name of the Institution	Month and Year
1	Seeking new knowledge(s) beyond frontiers	DG VAISHNAV COLLEGE, CHENNAI	05-10-2017
2	One day Capacity building programme on 'Outcome based education'	Mannar Thirumalai Naicker College	28 th Aug 2019
3	One day workshop on 'Research writing and publications: Theory and	Mannar Thirumalai Naicker College	19 th Oct 2019
4	e- content Development and Digital Tools Usage	Mannar Thirumalai Naicker College	29 th Feb 2020
5	FDP on Promotion of AP Score and Career Advancement Scheme	Mannar Thirumalai Naicker College	3 rd Mar 2020
6	Capacity Building Programme on 21 st Century Skills	Mannar Thirumalai Naicker College	5 th Mar 2020
7	Quality Assurance and Sustenance in Higher Education	Mannar Thirumalai Naicker College	11 th March 2020
8	Online National Faculty Enrichment Programme	Mannar Thirumalai Naicker College	13 th to 18 th May 2020
9	FDP on 'Evolution from Offline to Online Teaching'	Sathish Pradhan Dnyanasadhana College, Thane in association with University of Mumbai	30 th May to 3 rd June 2020

Membership in Academic & Professional bodies:

- Society for Advancement of Chemical Sciences and Education (SACSE), IGCAR, KALPAKKAM - LIFE TIME MEMBER

Academic Responsibilities in MTNC:

S.No	Name of Position	From	To
1.	HOD of Chemistry	07-08-2019	Till Date
2.	Coordinator for Food Processing And Quality Management- Community	01-07-2019	31-05-2020
3.	Assistant Controller of Examinations	15-02-2020	Till Date

Webinars attended:

S.No	Title	Name of the Institution	Date
1	Nanomaterials for Environmental remediation via catalytic conversions	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	28 th May 2020
2	Materials and Technologies for Sustainable Development	St. Josephs College, Trichy	28 th & 29 th May 2020
3	International Webinar on Chemistry	The American College, Madurai	29 th May, 2020
4	Tools of Chemistry to Combat COVID-19	St. Francis College for Women, Begumpet, Hyderabad	29 th May, 2020
5	Peaceful Applications of Radio Isotopes	DG Vaishnav College	30 th May 2020
6	Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools	GTN Arts College, Dindugal	8 th June 2020

Other Activities:

- Acted as Judge for Science Exhibition held on 23/11/2019 at Devasakayam Matriculation Higher Secondary School
- Acted as Interview Panel member in Kendriya Vidyalaya, Tiruparankundram