Curriculum Vitae

Dr.N.Karpagam
1/194, Masaiyappa Gounder St
Vakkampalayam
Karuppampalayam
Pollachi-642004
Mobile: +91 8110871466
Email: nkarpagam82@gmail.com.

Career Objectives

Seeking a career to share my knowledge and experience with students and gain more experience into the education and teaching field

Career Summary

- An innovative and knowledgeable professional having 12.5 years of experience in Teaching
- Excellent knowledge of the subject and also has great practical knowledge
- Proficient in giving conceptual knowledge, ready to learn

Skills

- Confident and determined
- Time Management
- Innovative and smart work
- Leadership skills

Education

Ph.D in Chemistry, 2016

Specialization: Environmental Chemistry
Erode Arts and Science College, Erode
Title of Thesis: Adsorptive Removal of Basic Dyes using Low cost Adsorbent from Prosopis Spicigera and its composite-Equililbrium Kinetics with Thermodynamic studies
Research Supervisor: Dr.V.Venkateswaran

M.Phil in Chemistry, 2006

Specialization: Organic Chemistry

Annamalai University, Annamalai Nagar

Title of Thesis: Synthesis and Antimicrobial studies of 4-[2'-Arylethyl]-5-Benzyl-1,2,3-Thiadiazoles

Research Supervisor: Dr.H.Manikandan

M.Sc in Chemistry,2004

JKK Nataraja College of Arts and Science, Komarapalayam

Periyar University

Percentage of Marks: 76%

B.Sc in Chemistry,2002

Sri GVG Visalakshi college for women ,Udumalpet

Bharathiar University

Percentage of Marks: 81% (1st class with Distinction)

Subjects taught

- Co-ordination Chemistry
- Thermodynamics
- Polymer Chemistry
- Chemical Kinetics
- Physical Chemistry

Software Skills

- M S office Applications (MS Word, Excel, Power point)
- Origin 8.0

Key Responsibilities Handled

- Preparation of Question papers for various colleges during semesters
- Helping students in Projects

Teaching Experience

- As an Assistant Professor of Chemistry in NGM College from Aug 2012 to Jul 2018
- As an Assistant Professor of Chemistry in Erode Arts and Science College from Aug 2006 to May 2011

Papers Published

- Optical, thermal behaviour, high quantum yield and thermodynamically equilibrium, photodegradation of methyl violet textile dye utilized SnO_2 nano cornflower's structure, Biomass Conversion and Biorefinery, **16(174),** (2026)
- Adsorptive Removal of Methylene Blue Using Activated Prosopis Spicigera: A Low Cost Adsorbent, Chemical Science Transaction **4(2)**, (2015)
- Kinetic and Equilibrium Studies of Crystal Violet, A Basic Dye Using Activated Prosopis spicigera, International Journal of Science and Research **4(4)**, (2015)

Papers Presented in National Conferences

- Adsorption, Kinetic, Equilibrium and Thermodynamic studies on the removal of basic dye Auramine O from aqueous solution using Prosopis Spicigera in the one day National Level Seminar on "The Widening Horizons of Chemistry – III(TWHC-III 2015), Arulmigu Palaniandavar Arts College for Women, Palani on 5th March 2015
- Equilibrium and Kinetic Adsorption studies of Rhodamine B from aqueous solutions using Activated Prosopis Spicigera in the Two-day National Level Seminar on Recent Trends in Medicinal Chemistry, Government Arts College(Autonomous),Coimbatore on 19th& 20th February 2015

Workshops/Conferences attended

1. UGC Sponsored One day National Seminar on "Emerging Trends in Frontiers of Chemistry" Department of Chemistry, Sri GVG Visalakshi College for Women, Udumalpet (30thDecember 2015)
2. UGC Sponsored Two-day National Conference on "Recent Trends in Medicinal Chemistry" Department of Chemistry, Government Arts College, Coimbatore (19th& 20th February 2015)
3. One Day National Level Intercollegiate Students Meet-Exploring Chemistry-Chembond- 13, Department of Chemistry, KongunaduArts and Science College (Autonomous), Coimbatore (20thDecember 2013)
4. UGC & TANSCHE – Sponsored National Conference on "Recent Developments in Green Chemistry(NCRDGC-2013)", Department of Chemistry, Kongunadu Arts and Science College (Autonomous), Coimbatore (18th&19thDecember 2013)

5. International Conference on “Advances in Numerical Analysis and Applied Mathematics” Department of Chemistry, ArulmiguPalaniandavar Arts College for Women(Autonomous) Palani, (24thAugust 2013)
6. UGC Sponsored National Conference on “Advanced Materials for The Emerging Technologies (CAMET-2013)” Department of Chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science” Coimbatore (11th&12thJuly 2013)
7. National Conference on “Innovative Approaches In Bioscience,Chemical and Physical Science For Sustainable Growth”, Department of Chemistry, Maharaja Co-education Arts and Science College, Perundurai(31stJan &1stFeb 2013)
8. One Day Workshop on “Micro scale Experiments in Chemistry”, Department of Chemistry, PSGR Krishnammal College for Women,(14thAugust 2012)
9. UGC Sponsored National Level Conference on “Nanotechnology” Department of Chemistry, Erode Arts College(Autonomous), Erode(29th&30thAugust 2008)
10. UGC Sponsored National Level Seminar on “Recent Trends in Chemistry”, Department of Chemistry, Gobi Arts & Science College, Gobichettipalayam,(2ndFeb 2008)
11. State Level Seminar on” Chemistry and Society” Department of Chemistry,Erode Arts College(Autonomous), Erode(19th&20thSeptember 2003)

Courses Completed

1. Completed the HP LIFE online course AI for Beginners on August 10, 2025
2. Completed the basic module of the Learn to Protect, Secure and Maximize Your Innovations (L2PRO) IP training program on September 17, 2025
3. Completed the intermediate module of the Learn to Protect, Secure and Maximize Your Innovations (L2PRO) IP training program on September 18, 2025
4. Completed the advanced module of the Learn to Protect, Secure and Maximize Your Innovations (L2PRO) IP training program on September 19, 2025
5. Completed the Saylor Academy course General chemistry on September 30, 2025
6. Completed the NPTEL course “Basics in Inorganic Chemistry” on Jan-Feb 2026

Seminars Attended

1. National Seminar on “Role of Microbial Biotechnology in Large-Scale Food Production” organized by the Department of Biotechnology, School of Arts and Science, PRIST Deemed to be University, Thanjavur, Tamilnadu, India on 23rd July 2025

2. International conference on Emerging Challenges in Sustainable Development and Environmental Conservation (ICECSDEC 2025) on 25th -27th May 2025

FDP Attended

1. Seven days offline faculty development program on “Empowering Educators With Power BI” organized by the Department of Computer Science with Data Analytics, Nallamuthu Gounder Mahalingam College, Pollachi from 03.03.2025 – 12.03.2025

2. International Faculty Development Programme on “Energy Technologies: Materials, Device and Recycling” organized by Department of Science and Humanities, Dr. Mahalingam College of Engineering and Technology, Pollachi, from 13.02.2025 to 15.02.2025

3. "7 Days FDP on The Gen Z Effect: Innovation, Impact and the Future of Industry" organized by Star International Foundation for Research and Education on 02.10.2025 - 08-10.2025

Workshop Attended

1. Two day virtual workshop on Computational Chemistry organized under DBT Star College Programme by Department of Chemistry, BON SECOURS COLLEGE FOR WOMEN (Autonomous), Thanjavur on 25th and 26th August 2025

Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on April 30, 2025

Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on July 02, 2025

Book Chapters

1. K. Kaleeswaran & N. Karpagam Removal of Crystal Violet dye using Bentonite clay -MnO_2 composite – Equilibrium and kinetic studies International Conference on Material Innovations for Health, Environment and Energy (ICMIHEE-2025) ISBN: 978-93-48897-53-4,Department of Chemistry, Easwari Engineering College (Autonomous), Chennai

2. P. Brindha & N. Karpagam Equilibrium studies of Malachite Green dye sorption using Bentonite clay -MnO_2 nanocomposite International Conference on Material Innovations for Health, Environment and Energy (ICMIHEE-2025) ISBN: 978-93-48897-53-4,Department of Chemistry, Easwari Engineering College (Autonomous), Chennai

3. S. Manodeepak & N. Karpagam Equilibrium studies of Auramine yellow dye sorption using activated Prosopis Spicigera- MnO_2 nanocomposite in International Conference on Material Innovations for Health, Environment and Energy (ICMIHEE-2025) ISBN: 978-93-48897-53-4,Department of Chemistry, Easwari Engineering College (Autonomous), Chennai

4. Adsorption Studies on the Removal of Congo Red Dye from Aqueous Solution Using Cardia Sabestena Activated Carbon, A. Rathinavelu, N. Karpagam, M. Viswalingam, S. Sridharan, T. Meyvizhi & J. Jayanthi, Emerging Trends in Science and Technology, Académique Publicación (An International Research Publishing Group)

Personal Details

Date of Birth	: 04.03.1982
Gender	: Female
Marital status	: Married
Permanent Address	: W/o.N.Prabhakaran, 1/194,Masaiyappa Gounder St, Vakkampalayam, Karuppampalayam, Pollachi-642004
Nationality	: Indian
Mobile	: +91 8110871466
Languages Known	: Tamil, English
Email	: nkarpagam82@gmail.com

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Pollachi

Date:

(N.KARPAGAM)