

FACULTY PROFILE



Name of the Staff : **S. Chithiraikumar**
Designation : Assistant professor
Official Address with E-mail Id : Department of Science and
Humanities National Engineering
College
K.R. Nagar, Kovilpatti
Mobile Number : chithiraikumar.sh@nec.edu.in
9976905330

1. Personal Details

Age : 42
Date of Birth : 08. 02. 1982
Sex & Marital Status : Male & Single
Citizenship : Indian

2. Qualification

Degree	Programme and Specialization	Class/ CGPA	Month and Year of passing	Institute/ University
Ph.D	Science and Humanities	--	Feb -2022	Anna University, Chennai
M.Phil	Chemistry	II	Nov-2007	M.S. University, Tirunelveli
M.Sc	Chemistry	I	May - 2006	P.M.TCollege, Sankarankovil
B.Sc	Chemistry	I	May - 2003	Rajapalayam Raju's College, Rajapalayam

Date of joining : 04.06.2012
Present status : Assistant Professor (SG)

3. Professional Experience

Designation	Institution/Organization	Period	Nature of Duties
Assistant professor (SG)	National Engineering College, Kovilpatti	01.04.21 To Till date	Teaching, Lab in-charge
Assistant professor	National Engineering College, Kovilpatti	04.06.12 to 01.04.24	Teaching, Lab in-charge
Assistant professor	St. Michael College of Engineering, Kalyarkovil	16.06.08 to 31.05.12	Teaching, Lab in-charge, Deputy warden, ISO Coordinator
Lecturer	P.M.T, College, Sankarankovil	1.07.06 to 30.04.07	Teaching, Lab in-charge

4. Courses taught

Course Title	UG or PG
Engineering Chemistry -I	UG
Engineering Chemistry -II	UG
Physics and Chemistry Lab-I	UG
Physics and Chemistry Lab-II	UG
Environmental Science and Engineering	UG
Chemistry for Civil Engineering	UG
Environmental Chemistry Lab	UG
Organic chemistry	UG
Organic chemistry Lab	UG
Physical chemistry Lab	UG
Biology for Engineers	UG
Biology and Biomaterials	UG

5. Honors / Awards

: University 7th rank in PG, Topper in NPTEL online Certification Course, Top Performance Mentor for NPTEL Online Certification Cours

6. Publications

S.No	Title of the Paper	Name of the Journal	Vol. No & Page No.	Month & Year
1.	Experimental and theoretical investigation of a Pyridine containing Schiff base: Hirshfeld analysis of Crystal structure, interactions with biomolecules and Cytotoxicity	Journal of Molecular Structure	654-666	December 2015
2	Structural characterization, surface characteristics and non-covalent interactions of a heterocyclic Schiff base: Evaluation of antioxidant potential by UV-visible spectroscopy and DFT	Journal of Molecular Structure	569-580	February 2017
3	Tuning ligand vicinity towards development of “turn- on” fluorescence for cadmium (II) ions under physiological pH and bio-imaging	Sensors and Actuators B: Chemical	235-245	April 2017

7. Additional Responsibilities held

: (i) Associate Warden, Gents Hostel
(ii) Science club Coordinator (For 2014- 2016)
(iii) Chemistry Lab in charge