

FACULTY PROFILE



Name of the Staff : Dr. S. Chithiraikumar
Designation : Assistant professor
Official Address with E-mail Id : Department of Science and Humanities
National Engineering College
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1. Personal Details

Age : 40
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

3. Professional Experience

Designation	Institution/Organization	Period	Nature of Duties
Assistant professor	National Engineering College, Kovilpatti	04.06.12 to Till date	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 Course

6. **Shortterm Courses / Seminars / Conference / Workshops Attended**

S.No	Title	Period	No. of Participants	Organizing Committee	Venue
1	National Level Workshop on Curriculum Framework for Implementation of National Education Policy (NEP) 2020 in Universities, Engineering Colleges and Degree Colleges	21.03.2022 to 22.03.2022	50	Department of Collegiate and Technical Education Government of Telangana	Institute For Academic Excellence, Hyderabad
2	DST -Purse Phase II sponsored Four day webinar on Recent trends in chemistry (RTC -21)	04.01.2021 to 07.01.2021	70	Department of chemistry,	Bharathiyar University, Kovai
3	Online International faculty Development on Assessment and Tools	27.01.2021 to 28.01.2021	100	Department of Science and Humanities	SRM Institute of Science and Technology, Chennai
4	Indo UK virtual conference on Current Innovations and the features of therapeutic developments	01.06.2020 to 03.06.2020	150	Centre for Biomaterials Cellular and molecular Theranostics	VIT, Vellore
5	AICTE Sponsored FDP for Students Induction Programme	09.05.19 to 11.05.19	60	NEC	Kovilpatti
6	Technology enabled Teaching Learning Process	27.05.17 to 29.07.17	50	NITTR, Chennai	NEC, Kovilpatti
7	Instructional Design and Delivery Systems	22.05.17 to 26.07.17	50	NITTR, Chennai	NEC, Kovilpatti
8	5 th Symposium on Advanced biological Inorganic Chemistry	07.01.2017 to 11.01.2017	400	IACS	Kolkata
9	Self-Sponsored One Week Short Term Training Programme on Waste to Wealth	26.09.2016 to 30.09.2016	50	SVNIT	Surat
10	National Symposium on Recent trends in Chemistry(RDC 2016)	04.06.2016	250	M.K. University	Madurai
11	Metals in Genetics (ICMG-16)	16.02.2016 to 19.02.2016	350	Indian Institute of Science	Bangalore

12	National Programme on Technology Enhanced Learning	13.03.2015	50	NEC	Kovilpatti
13	Better Engineering Skills through Better Chemistry Protocols	09.06.2014 to 13.06.2014	30	National Institute of Technology	Calicut
14	Engineering Chemistry	26.12.2011 to 03.01.2012	30	Anna University	Chennai
15	ENTECH-09	02.03.2011	50	Anna University	Chennai
16	National Seminar on Modern Trends in Pharmaceutical Chemistry	19.01.2008	30	M.S. University	Tirunelveli
17	National Seminar on application of nano particles in environmental	10.10.2008	50	Arulmigu Kalasalingam University	Krishnankovil
18	State level seminar on advanced topics in chemistry	Feb-2007	40	V.O.C College	Tuticorin
19	Recent Trends in Environmental Science	Oct-2005	40	P.M.T. College	Sankaran Kovil

7. 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
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8. **Additional Responsibilities held** : Science club Coordinator (For 2014- 2019), Chemistry Lab in charge.

9. **NPTEL courses completed**

S.No	Name of the Course	Duration
1	Bio-inorganic Chemistry	Jan –Mar2022
2	Sustainable Engineering Concepts And Life Cycle Analysis	Jul-Sep 2021
3	Electronic Waste Management - Issues And Challenges	Jan-Feb 2021
4	Biomedical nanotechnology	Sep-Oct 2020
5	Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts	Jul-Oct 2019
6	Plastic Waste Management	Feb-Apr 2019
7	Effective Engineering Teaching In Practice	Jan-Feb 2019
8	Introduction to Research	Jan-Mar 2016