

Dr. Sindhu Ramachandran C.V.

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Qualifications: Ph.D, M.Sc, CSIR JRF

ACADEMIC PROFILE

- Doctoral Degree, Cochin University of Science and Technology, 1999.
- M.Sc. Chemistry, University of Calicut, 1992

CAREER PROFILE

Nov 1996 to March 2019 Associate Professor in Chemistry, NSS College, Manjeri.

June 2019 to 30 June 2022 Associate Professor in Chemistry, NSS College, Ottappalam

July 2022 till date Associate Professor in Chemistry, NSS College, Manjeri.

- Total teaching experience : 27 years

TEACHING INTERESTS

Physical Chemistry, Organic chemistry, Environmental Chemistry

PUBLICATIONS

1. Presented a paper 'Synthesis and reactions of 3-oxo-2-aryl-pyrazolino[3,4-b] quinoxalines' in the Eighth Science Congress held at Kochi January 1996.

2. Poster presentation "Antitumour screening of Cu(II) and Zn(II) complexes of Schiff bases on tumour cell lines" – proceedings of the International Conference on Materials for the Millennium. (Matcon, 2007) - Cochin University of Science & Technology.

3. "SYNTHESIS, CHARACTERISATION AND CYTOTOXICITY STUDIES OF SOMESCHIFF BASE TRANSITION METAL COMPLEXES, 2010. Int. J. Chem. Sci.: 8(4), 2549.

4 SYNTHESIS, CHARACTERISATION AND ANTIBACTERIAL EVALUATION OF 2(5H) FURANONE DERIVATIVES FROM HIGHLY FUNCTIONALISED MUCO- BROMIC ACID, 2011, International Journal of Pharmacy and Pharmaceutical Sciences. Vol 3, Issue 1.

5. Synthesis and Cytotoxicity studies of some furanone derivatives , Organic chemistry, An Indian Journal OCAIJ, 2012 8(2), 60.

6. Akhila K.K., Sindhu Ramachandran; In vitro study on α -amylase inhibitory activity and phytochemical screening of Sarcostemmaacidum(Oral), at KSCSTE sponsored Two-day National seminar on Medicinal Chemistry, KAHM Unity Women College, Manjeri - 14/7/2017, 15/07/2017

FUNDED PROJECTS

Principal Investigator, UGC sponsored Minor Research Projects

1. Antitumour and antibacterial evaluation of some mucobromic acid derivatives
2. Phytochemistry of an endangered ethnomedical herb Sarcostema acidum (Somalatha)