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Veena R Nair

Assistant Professor , Department of Chemistry , The Cochin College ,
Kochi

Career in a nutshell

I began my career as a guest faculty in Chemistry for Higher Secondary schools, teaching UG & PG classes from 2011 to 2014 in colleges affiliated with Mahatma Gandhi University. Since 2015, I have been serving as permanent faculty at The Cochin College.

Areas of Expertise

Organic Chemistry and currently pursuing Ph.D. in Polymer Chemistry

Roles , Organizations & Tenure

- **Assistant Professor, The Cochin College , Kochi**
January 2015 - till date
- **Guest Faculty , The Cochin College , Kochi**
January 2013- December 2014
- **Guest Faculty , St.Xaviers College , Aluva**
June 2012- November 2012
- **Guest Faculty , Sacred Heart College , Thevara , Cochin**
June 2011- April 2012
- **Chemist , SGS India Private Limited , Willingdon Island , Cochin**
November 2008- November 2009
- **Guest Lecturer , Karthikathirunal Government Vocational & Higher Secondary School , Manacaud , Trivandrum**
June 2003 – March 2004
- **Guest Lecturer, Government Higher Secondary School , Kamaleswaram , Trivandrum**
August 2000 – March 2001 & July 2001 – Dec 2001

Areas of Research

- Synthesis and characterisation of Chitosan anchored Schiff base complexes
- Biological studies of chitosan Schiff base complexes
- Synthesis and characterisation of Nano metals and its complexation with chitosan Schiff bases
- Catalytic activity of chitosan Schiff base Metal and Nano metal complexes
- Synthesis of 1,2,4- Thiadiazol derivatives

Technical Skills

- Training in Instrumental Method of Analysis - GC, HPLC, AAS, UV – visible spectrophotometer organized by Cashew Export Promotion Council , Kollam in the year 2008

Publications

- Applications of Chitosan Based Schiff bases and its Complexes - A Review. Veena R Nair, Texin Joseph, Meera Jacob, Jaya T Varkey, International Journal of Advanced Research in Science, Communication and Technology. Vol.1, Issue 1, July, 2021..
- Removal of metal ions using Chitosan based electro spun nano fibres: A View, Nanosystems: Physics, Chemistry, Mathematics, 12(6)p. 728-748,2021.

Education

- Currently pursuing Ph.D. in Polymer Chemistry - Title of Research: "Synthesis , characterization and catalytic studies of Metal and Nano metal complexes Anchored on Biodegradable Polymers". from Mahatma Gandhi University, Kottayam
- UGC NET qualified in the year 2001
- MPhil in Chemistry from University of Kerala in the year 2000
- MSc in Chemistry from University of Kerala in 1997
- BSc in Chemistry from University of Kerala in 1995

Personal

Date of Birth : 02 February 1975
Family status : Married
Language : English, Malayalam , Hindi