**CURRICULUM VITAE**

Dr Ashwini

Associate Professor



**Personal Details**

**D.O.B:** 27/11/1984

**Address :** Sai Kripa, Near Pilar School, Ambika road, Thokkottu- 575022.

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**Phone : 9008513457**

## Languages known: English, Kannada, Hindi, Tulu.

## Father’s name : B. Narayana

## Mother’s Name : Shakunthala

## Husband’s name: Prasad Karkera

**Education**

Ph.D in Chemistry from VTU, 2021

Thesis entitled “Study on N O S donor ligands as an analytical reagent and complexing agent”

Cleared KSET in Chemical Science in the year 2021.

M. Sc. (Chemistry), Mangalore University, Mangaluru, 2005-2007.

B.Sc. (Chemistry, Botany, Zoology), Canara College, Mangaluru, 2002-2005.

PUC (PCMB), Besant PU College, 2000-2002.

SSLC- Cascia High School, 1997-2000.

Primary education- Government School, Marakada, 1991-1997.

**Responsibilities at SAU**

Ex NSS officer for a period of three years

Examination assistant coordinator.

**Work Experience**

Associate professor, June 2007 till date

Dept. Of Chemistry,

St Aloysius College(Autonomous)

Mangalore -575003

**Papers Published :06**

* Synthesis of 4-{(E)-[(3-methyl-5-sulphanyl-4H-1, 2, 4-triazol-4-yl) imino] methyl} benzaldehyde and its complexes with Ag (I), Hg (II), Zn (II), Co (II), Ni (II) ions and its characterization.
* L-cysteine hydrochloride as a complexing agent for the determination of cobalt(II) by spectrophotometric method
* alpha benzoin oxime as the complexing agent for the estimation of small amount of nickel(II) without extraction
* A highly selective complexometric determination of mercury(II) using l-tyrosine as a masking agent
* A selective complexometric method of determination of manganese(II) using L-cystine as masking agent.
* Action of 4-[(Z)-(4-Methoxybenzylidene)amino]-5-methyl-4H-1,2,4triazole-3-thiol as chemosensor for the trace amount of copper in aqueous media.

**Papers presented: 05**

* Presented a poster in the International conference on Nanotechnology 2019, organized by Undergraduate and Postgraduate Departments of Chemistry in association with the University of Namur, Belgium at St Aloysius College, Mangaluru, on January 10-11, 2019.
* Oral presentation in the International conference on advances in chemical and materials sciences organized by the department of studies in Chemistry, Mangalore University on October 17-19, 2019.
* Presented a poster in the National conference on Micro and Smart Systems, organized by NMAM Institute of Technology, Nitte in association with ISSS, Bengaluru on October 21-23, 2019.
* Presented a poster in the International conference on New Horizons and Trends in Chemical Sciences (ICNHTCS), organized by department of Chemistry, Dada Ramachand Bakhru Sindhu Mahavidyalaya, Nagpur in association with the Indian Socon October 21-23, 2019.
* Presented a poster in the National conference on Advanced Materials for Chemical and Biological applications, organized by the department of PG studies and Research in Chemistry and Research and development cell, SDM College, Ujire on 6th and 7th March 2024.

**Minor research project : 01**

## Completed a UGC minor research project in 2013-2015 on the topic “Synthesis and characterisation of biodegradable polymer blends with enhanced mechanical and electrical properties”.

## Online Certificate Courses :

## Introduction to molecular spectroscopy

## Covid-19 : What you need to know

## Declaration :

## I hereby declare that all the details furnished above are true to the best of my knowledge.

## Place : Mangaluru ASHWINI

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