



## **Dr. Aparna Pasula**

M.Sc(O.U), Ph.D (IICT)

**Assistant Professor**

Chemistry

### **Areas of Interest:**

Specialized in Organic Chemistry . Areas of interest includes synthetic Organic Chemistry and Natural Product Chemistry.

### **Areas of Interest:**

She has specialized in Organic Chemistry . Her research interest include synthetic Organic Chemistry and Natural Product Chemistry.

### **- ▶ Educational & Professional**

#### **- ▶ Academic Qualifications**

- ▶ PhD in ORGANIC CHEMISTRY, CSIR-IICT (O.U) (2002-2008)

- ▶

M.Sc in ORGANIC CHEMISTRY, Osmania University (1997-1999)

- ▶

B.Sc in Botany, Zoology and chemistry, Osmania University for women Koti, Hyderabad (1993-1996)

#### **▶ Professional Experience**

#### **- ▶ Industrial Experience**

- ▶ Project Assistant, Natural Product Laboratory ,IICT,HYDERABAD (2002 - 2008)

#### **- ▶ Teaching Experience**

- ▶ Assistant Professor, Stanley Engineering and technology college for women ,Abids, Hyderabad (11-09-2018 - 07-07-2010)

#### **- ▶ At JNTUH**

- ▶ Assistant Professor, JNTU-CEH (2010 - Till Date)

## - ▶ **Books**

- ▶ B.Rama Devi & P.Aparna, *Laboratory Manual in Engineering Chemistry*, S.Chand Publishing, 978-93-5501-623-2, 2023
- ▶ B.Rama Devi, P.Aparna & Prasanta Rath, *Engineering chemistry*, Cengage Learning India Pvt.Ltd, 978-93-5573-280-4, 2023

## - ▶ **Publications**

### - **International Journals**

- ▶ , P. Aparna, K. Kavitha, *A green and efficient synthesis of substituted 2-(4-(2-oxo-2H-chromen-3-yl)thiazol-2-yl)-3-phenylacrylonitriles under environmentally benign conditions*. K. Kavitha, D. Srikrishna, Pramod, Letters in organic chemistry. , In Press., 2019
- ▶ , P. Aparna, K. Kavitha, *An efficient one-pot four-component Gewald reaction: Synthesis of substituted 2-aminothiophenes with coumarinâ€“thiazole scaffolds under environmentally benign conditions*, Journal of sulfur chemistry. , ISBN No.Journal of sulfur chemistry. , 12 Dec., 2018
- ▶ , P. Aparna, K. Kavitha, *An unusual synthesis of 3-(2-(arylamino)thiazol-4-yl)-2H-chromen-2-ones from ethyl 2-(chloromethyl)-2-hydroxy-2H-chromene-3-carboxylate via benzopyran ring opening*, Molecular Diversity. 2018,, Issue No.Accepted: 25 September 2018 , Springer Nature Switzerland AG, September, 2018
- ▶ *Tetrabutylammonium tribromide: an effective green reagent for the one-pot reaction of 3-acetyl-2H-chromen-2-ones with o-phenylenediamines*, Arkivoc , Issue No.part vii, 0-0, 2018

## - ▶ **Events Participated/Organized**

### - **Participated**

- ▶ Participated in a Refresher Course on *Participated in a Refresher Course on Knowledge sharing enables and barriers in pharmaceutical research & development*, Hyderabad,, JNTUH, 28-11-2016 to 17-12-2016

## - ▶ **Teaching**

- ▶ M.Sc Chemistry (Drugs & Pharmaceuticals) in Organic chemistry-II & chemistry of Natural Products II semester & III semester (2023)
- ▶ B.Tech , M.SC in CSE,Mechanical, EEE,ECE, IDP, IDDMP, Organic chemistry and Drugs & Pharma Ist, IInd, IIIrd for B.Tech and ALL SEM for M.Sc [ALL] (2010to till)

- ▶ **Administrative Positions Held**

- ▶ Kamala Nehru Girls Hostel, Warden, JNTUH, 01 Apr 2024 - Present

- ▶ Chairperson -Board of studies (chemistry), JNTUH, 30 Apr 2025 - Present

- ▶ **Project/Research Guidance**

- **Students**

| Student Name          | Title                                                                                                                                                  | Year | Download |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|
| D.Brah maiah          |                                                                                                                                                        | 2024 |          |
| Ch. Vija y Kumar      |                                                                                                                                                        | 2024 |          |
| A.V.Ra mana<br>Murthy |                                                                                                                                                        | 2023 |          |
| V. Durgha Prasad      |                                                                                                                                                        | 2020 |          |
| G.Venkat Rao          |                                                                                                                                                        | 2020 |          |
| K. Kavitha            | "SYNTHESIS AND<br>MOLECULAR MODELING OF<br>couMARTN - THIOLE<br>HYBRID SCAFFOLDS AND<br>EVALUATION OF ANTI -<br>HEPATO CELLULAR<br>CARCINOMA ACTIVITY" | 2020 |          |

**Contact :**

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Chemistry

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