

**Dr. RADHIKA TUMMA**

Associate Professor, Department of Pharmaceutical Chemistry  
G. Pulla Reddy College of Pharmacy, Mehdiapatnam  
Hyderabad, Telangana- 500028.

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**CAREER OBJECTIVE:**

- To encourage active learning, thereby helping the students to become productive, successful citizens. Actively contributing to the development and growth of the organization and Climb the career ladder through continuous learning and commitment.

**ACADEMIC QUALIFICATIONS:**

- Ph. D in 2018 (Pharmaceutical Sciences) –Osmania University in 2020.
- Master of Pharmacy (Pharmaceutical chemistry) from GPRCP, Hyderabad (A.P) in 2007(with distinction).
- Bachelor of Pharmacy from University College of Pharmaceutical Sciences (Kakatiya University), Warangal in 2004 (72%).
- Intermediate (BPC) from Vikas Junior college, Guntur (BOI, Andhra Pradesh) (79%).
- State Secondary Certificate (SSC) in Rudramamba High School Warangal. (78%).

**TEACHING EXPERIENCE: 13 years 10 months**

- At present working as an Associate Professor in G. Pulla Reddy College of Pharmacy, Mehdiapatnam, Hyderabad, Telangana, India.
- 13 years 8 months (as on Feb 2022) of teaching experience at B.Pharm level.
- 6 years of teaching experience at M.Pharm level.

**SUBJECTS HANDLED:**

- Pharmaceutical organic chemistry-I, pharmaceutical organic chemistry-II, Pharmaceutical inorganic chemistry, Medicinal chemistry-I, Medicinal chemistry-II, CNP, Pharmaceutical engineering-II, Pharmaceutical analysis-I, cosmetic technology at B.pharm level.
- Advanced pharmaceutical chemistry, Advanced spectral analysis, CNP, Process chemistry at M.Pharm level.

**EXPERTISE:**

- In Chemdraw and interpretation of Mass, IR and NMR.
- In handling the UV and IR Instruments.
- In handling Engineering Experiments

**TRAINING PROGRAMS ATTENDED:**

- Six Days training on Engineering Work shop conducted at Osmania university, Hyderabad in 2010.

- Industrial training in **Suven Labs**, Hyderabad in April 1999.

#### **CONFERENCES / SEMINARS / WORKSHOPS ATTENDED:**

- Participated in the AICTE sponsored Two week online faculty development programme(FDP) on “ **Exploration of Nascent Pedagogical Tools for Updating Teachers of Pharmacy Education**” organized by Lloyd Institute of Management& Technology( Pharm.) Greater Noida from 8<sup>th</sup> March to 20<sup>th</sup> March 2021.
- Participated One week online faculty development program on “**SHORT TERM TRAINING PROGRAMME (STTP)**” an AICTE sponsored sttp phase 3 on the theme innovative pedagogy to develop and implement Skill based pharmacy Curriculum- faculty perspective held from 8<sup>th</sup> to 13<sup>th</sup> Mar 2021 organized by Manipal college of Pharmaceutical sciences, Manipal
- Participated in the webinar on “**THRUST AREAS To AWAKEN INNATE WOMEN LEADERSHIP**” organized by APTI Women’s Forum, in association with the PDM university, Babasaheb Bhimrao Ambedkar University and DST CPR on 4<sup>th</sup> March 2021.
- Participated One week online international faculty development program on “**PHARMACEUTICAL EDUCATION AND RESEARCH**” from 13<sup>th</sup> to 18<sup>th</sup> aug 2020 organized by Bapatla college of Pharmacy.
- Participated Five days international e -faculty development program on “**STRATEGIES & ADVANCEMENTS IN RESEARCH AND DEVELOPMENT: STRENGTHENING ACADEMICIANS FOR PHARMACEUTICAL CARE**” from 22<sup>nd</sup> June to 26<sup>th</sup> June 2020 organized by Vignan college of pharmacy.
- Participated Five days e -faculty development program on “**BUILDING RESEARCH AND INNOVATIVE CULTURE AMONG PHARMACY TEACHER**” from 18<sup>th</sup> to 22<sup>nd</sup> May 2020 organized by Dr. D.Y.Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association with APTI.
- One week e- faculty development program on “**INSIGHTS INTO DRUG DISCOVERY AND DEVELOPMENT (IDDS-2020)**” from 27<sup>th</sup> July to 1<sup>st</sup> August 2020 organized by Department of Pharmaceutics and Pharmaceutical Analysis G.Pulla Reddy College of Pharmacy Hyderabad in association with IPA – TS branch.
- Participated and successfully completed “**SWAYAM ARPIT Online Course Certification Course for Career Advancement Scheme (CAS) promotion on Online Refresher Course in Pharmacy for Higher Education**” during Oct 2019 to Jan 2020.
- Participated and successfully completed “**NPTEL Online Course Certification Course for Career Advancement Scheme (CAS) promotion on Medicinal chemistry**” Jan 2020 to Apr 2020.

- Participated in “**Innovations in Pharmaceutical Research-2020 and Oral/e-Poster Presentations**”, held at G.Pulla Reddy College of Pharmacy, Hyderabad, on 7<sup>th</sup> March 2020.
- Participated in “**TECHNOSMANIA-2k19**” held at University College of technology, Hyderabad on 28, 29 & 30<sup>th</sup> March 2019.
- Participated in “**INTERNATIONAL CONFERENCE ON PURE AND APPLIED CHEMISTRY IconPAC-2019**” held at department of chemistry, KL university, Guntur 8<sup>th</sup> and 9<sup>th</sup> March 2019.
- Undergone AICTE approved online **Faculty Development Programme (FDP201X)** on “**Pedagogy for Online and Blended Teaching- Learning Process**”, conducted by IIT Bombay, from 3<sup>rd</sup> – 30<sup>th</sup> May, 2018.
- Undergone AICTE approved online **Faculty Development Programme (FDP101X)** on “**Foundation program in ICT for Education**”, conducted by IIT Bombay, from 8<sup>th</sup> March – 12<sup>th</sup> April, 2018.
- Participated in Five day faculty development programme (FDP) on “**ACADEMIC ENGLISH, INTEGRAL PERSONALITY DEVELOPMENT AND RESEARCH METHODOLOGY**” held at University College of technology, Hyderabad DURING 8<sup>th</sup> -12<sup>th</sup> February 2018.
- Participated in “**Innovations in Pharmaceutical Research-2017 and Oral Presentations**”, held at G. Pulla Reddy College of Pharmacy, Hyderabad, on 19<sup>th</sup> August 2017.
- Participated in International seminar on “**Innovations in Pharmaceutical Research - 2016**” and **Oral Presentations & 4th Indo-West Indies Conference**” held at G. Pulla Reddy College of Pharmacy, Hyderabad, on 30<sup>th</sup> July 2016.
- Participated in One day national seminar on “**Innovations in Pharmaceutical Research-2016 and poster presentations**”, held at G. Pulla Reddy College of Pharmacy, Hyderabad, on 6<sup>th</sup> February 2016.
- Participated in One day 1<sup>st</sup> Indo – West Indies Conference on “**Expanding Boundaries in Pharmaceutical Research**” Organized by APP Telangana State Branch, held at Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, Hyderabad on 6<sup>th</sup> January 2016.
- Participated in **66<sup>th</sup> Indian Pharmaceutical Congress (IPC)** held at Hitex, Hyderabad on 23<sup>rd</sup> to 25<sup>th</sup> January 2015.
- Presented a poster “**Synthesis of some novel N-Sulfonyl pyrazolines and their biological evaluation**” in the scientific poster session of 66<sup>th</sup> Indian Pharmaceutical Congress held at Hitex, Hyderabad from 23<sup>rd</sup> to 25<sup>th</sup> January 2015.
- Participated in Two days International conference on “**Drugs for the Future: Infectious Diseases-2014, Antimicrobial Drug Discovery: Challenges and Perspectives**” at NIPER, Hyderabad on 27<sup>th</sup> & 28<sup>th</sup> March 2014.
- Participated in poster presentations in an International Conference on **Drugs for the Future: Infectious diseases** held at NIPER Hyderabad on 27-28

march 2014 entitled '**Efficient synthesis of novel pyrazole-4-propanoic acids from pyrazole acrylic acids using diimide reduction method**'

- Participated in Two days conference in association with APTI "**Pharma Samprathi 2K14**" held at Nalla Narasimha Reddy Group of Institutions, Hyderabad on 29<sup>th</sup> & 30<sup>th</sup> January 2014.
- Participated in One day national seminar on "**Innovations in Pharmaceutical Research-2013**", held at G. Pulla Reddy College of Pharmacy, Hyderabad, on 27<sup>th</sup> Dec 2013.
- Participated in Faculty Development program on "**Back to Basics**" by Siva Sivani Institute of Management on 19 Oct 2012.
- Participated in One day Seminar on "**Innovations in Pharma Research and Oral Presentations in Pharmaceutical Sciences**" held at G Pulla Reddy College of Pharmacy, Hyderabad on 22<sup>nd</sup> December 2012.
- Participated in one day Seminar on "**Communication Skills and Research Methodologies in Pharmaceutical Sciences**" held at G. Pulla Reddy College of Pharmacy, Hyderabad on 6<sup>th</sup> November 2011.
- Participated 15<sup>th</sup> Annual National convention of **APTI-2010 (APTICON-2010)** held at Hyderabad on 2 to 3 November 2010.
- Participated in One day Seminar on "**National Level seminar on Recent Advances in Pharmaceutical Research**" held at G Pulla Reddy College of Pharmacy, Hyderabad 9<sup>th</sup> and 10<sup>th</sup> October 2009.
- Participated in 57<sup>th</sup> Indian Pharmaceutical Congress (IPC) held at Hitex, Hyderabad on 2 to 4 December 2005.

#### **PROFESSIONAL MEMBERSHIPS:**

- Life Member of Association of Pharmaceutical Teachers of India (APTI).
- Alumna member of University college of Pharmaceutical Sciences, Warangal, Andhra Pradesh, India.
- Alumna member of G. Pulla Reddy College of Pharmacy, Hyderabad, Andhra Pradesh, India.
- Alumna member of Osmania university college of Technology.

#### **PARTICIPATION IN RESPONSIBLE POSITION:**

- Worked as organizing committee member in One week e- faculty development program on "**INSIGHTS INTO DRUG DISCOVERY AND DEVELOPMENT (IDDS-2020)**" from 27<sup>th</sup> July to 1<sup>st</sup> August 2020 organized by Department of Pharmaceutical chemistry, Pharmacology and Pharmacognosy, G. Pulla Reddy College of Pharmacy Hyderabad in association with IPA& Mybo – TS branch.
- Worked as **Abstract committee member** in One day Seminar on "**Innovations in Pharmaceutical Research-2020 and Oral/e-Poster Presentations**" held at G. Pulla Reddy College of Pharmacy, Hyderabad on 7 Mar 2020.

- Worked as Registration committee member in One day Seminar on **“Innovations in Pharmaceutical Research 2018 and poster presentations”** held at G Pulla Reddy College of Pharmacy, Hyderabad on September 2018.
- Worked as Oral presentation Committee member in One day Seminar on **“Innovations in Pharmaceutical Research-2017 and Oral Presentations”** held at G Pulla Reddy College of Pharmacy, Hyderabad on 19<sup>th</sup> August 2017.
- Worked as Abstract Committee Member in International seminar on **“Innovations in Pharmaceutical Research - 2016”** and Oral Presentations & 4<sup>th</sup> Indo-West Indies Conference” held at G Pulla Reddy College of Pharmacy, Hyderabad on 30<sup>th</sup> July 2016.
- Worked as Hospitality Committee Member in One day Seminar on **“Innovations in Pharma Research-2016 and Poster Presentations in Pharmaceutical Sciences”** held at G. Pulla Reddy College of Pharmacy, Hyderabad on 6<sup>th</sup> February 2016.
- Worked as Registration committee member in One day Seminar on **“Innovations in Pharmaceutical Research-2015 and oral presentations”** held at G Pulla Reddy College of Pharmacy, Hyderabad on 1<sup>st</sup> August 2015
- Worked as Co-chairman for Hospitality committee member in One day Seminar on **“Innovations in Pharmaceutical Research 2014 and poster presentations”** held at G Pulla Reddy College of Pharmacy, Hyderabad on 23<sup>rd</sup> August 2014.
- Participated in one day Seminar on **“Innovations in Pharma Research-2013 and Oral Presentations in Pharmaceutical Sciences”** held at G. Pulla Reddy College of Pharmacy, Hyderabad on 27<sup>th</sup> December 2013 as a Scientific Committee Member.
- Participated in 15<sup>th</sup> Annual National convention of **APTI-2010 (APTICON-2010)** held at Hyderabad on 2 to 3 November 2010 as a member in registration committee.
- Participated in One day Seminar on **“Innovations in Pharma Research and Oral Presentations in Pharmaceutical Sciences”** held at G Pulla Reddy College of Pharmacy, Hyderabad on 22<sup>nd</sup> December 2012 as Hospitality committee member.
- Participated in one day Seminar on **“Communication Skills and Research Methodologies in Pharmaceutical Sciences”** held at G. Pulla Reddy College of Pharmacy, Hyderabad on 6<sup>th</sup> November 2011 as Scientific Committee Member.

### **PROJECTS GUIDED: 05**

- A Project on “Design, Synthesis and *insilico* studies of Chalcone Based Bipyrazole Derivatives as anti-cancer agents” guided to **Mohd Aamir** (M.Pharm),2020.
- A Project on “Synthesis, Characterization and *insilico* studies Of Chalcone Based Isoxazole Derivatives as antitubercular agents” guided to **J. Akshay** (M. Pharm), 2019.
- A Project on “Synthesis, Characterization and Biological Evaluation of Novel Isoxazole Derivatives” guided to **K.Lavasri** (M. Pharm), 2019.
- A Project on “Synthesis of Nicotinic Acid Derivatives Towards Anti-Proliferative Agents” guided to **Riya Sharma** (M. Pharm), 2019.
- A Project on “Synthesis, Biological Evaluation And Docking Studies Of Pyrimidine Incorporated Pyrazole Derivatives” guided to **E.Vinod Anandita** (M. Pharm), 2018.

### **ACHIEVEMENTS:**

- Qaulified in GATE with 92%.
- Distinction in M.Pharm.

### **PUBLICATIONS:**

- T.Radhika, A.Vijay, B.V.Harinadha Babu and B. Madhava Reddy “Design synthesis, molecular docking studies and biological evaluation of pyrazoline incorporated isoxazole derivatives”, **Russian Journal of bioorganic chemistry**, 2020, Vol 46, 3,429-437.
- Radhika Tumma, sai sree.K, V.Harinadha babu “Design, docking, and synthesis of Novel bromo isatin incorporated isoxazole derivatives as VEGFR-2 inhibitors”, **International journal of pharmacy and pharmaceutical research**, 11(4), 2019.
- Radhika Tumma, Harinadhababu.V “Design, synthesis, molecular docking, and biological evaluation of pyrazole 1-carbothiamide incorporated isoxazole derivatives”, **Asian journal of pharmaceutical and clinical research**, 12(5), 2019.
- Radhika Tumma, Sravanthi S, V.Harinadha babu,. B.Madhava Reddy “Synthesis, Biological evaluation and Molecular docking studies of isoxazole synchronized quinazolonone derivatives”, **Journal of Pharmacy Research**, 2017, 11(7), 895-902.
- T. Radhika , Sravanthi Siliveri ,V. Harinadha Babu , Shiva Raj , B. Madhava Reddy “Design, synthesis and antibacterial evaluation of pyrano[3,2-H]quinoline carbonitriles”, **International Journal of Green Pharmacy**, Jul-Sep 2017, 11 (3) ,S423-S429.
- T. Radhika , Sravanthi Siliveri ,V. Harinadha Babu , Shiva Raj , B. Madhava Reddy, “Synthesis, biological evaluation and molecular docking studies of furo [3, 2 – H] quinolone – 2 – carbimidates”, **Journal of Pharmacy Research**,2017, 11(5), 430—437.

- Radhika, T. Babu, R.R. & Tejaswini, B. & Reddy, Bommineni & Vamaraju, Harinadha Babu "Synthesis, characterization, anti-cancer and anti-bacterial study of isatin conjugated 4-azidopyrazoline derivatives", **Der Pharma Chemica**, 2016, 8, 411-418.
- Radhika.Tumma, Naseeb basha. Shaik, Pallavi.K and Dr. B. B. Gawali "Synthesis and Anti- Inflammatory Activity of Some 5-Phenyl-1-(Acyl)-1, 2, 3, 4-Tetrazole", **International Journal of Chemical and Analytical Science (IJCAS) Vol 1, No 6 (2010)**.
- Radhika Tumma, Gautham Naidu, Sravanthi Siliveri, V. Harinadha Babu\*, B. Madhava Reddy "Synthesis and antiproliferative activity of Isatin Incorporated Quinoxaline", **International journal for pharmaceutical (IJPRS)**, 3(1), 648-654.

**PERSONAL DETAILS:**

Nationality : Indian  
Gender : Female  
Marital status : Married  
Husband's Name : Sharath Babu Vanam  
Languages known : English, Telugu

I hereby declare that the above stated particulars are true to the best of my knowledge & belief.

**(Dr.T.RADHIKA).**

G.PULLA REDDY COLLEGE OF PHARMACY,  
HYDERABAD