

METTU AKHILA

Dept. of Pharmaceutical Chemistry
Gokaraju Rangaraju College of Pharmacy,
Osmania University, Bachupally, Kukatpally
Hyderabad – 500 090, AP, India

Email: akhila.mettu@gmail.com

Phone: 040-32912927

**Research Interests:**

1. Exploring the novel drugs in the areas of cancer especially targeting HSP90, MAPkinase pathway which include Ras-Raf-Mek inhibitors.
2. Computer aided drug design studies which includes molecular docking, QSAR studies, ligand binding studies.
3. Proteomic investigations to unveil the mechanism of drugs.
4. Chemical Synthesis of novel scaffolds identified from screening of novel compounds.

Education:

1. Ph.D: Registered at Osmania University in 2013.
2. M.S. Pharm (Medicinal Chemistry): from NIPER Hyderabad in 2009
3. B.Pharm: St. Peters Institute of Pharmaceutical Sciences. Kakatiya University in 2007.

Professional Recognition, Awards, Achievements:

1. All India GATE 46th Rank with 99.9 percentile in 2007
2. 1st Rank in PG CET conducted by Osmania University in 2007.
3. Rs. 10,000/- worth BOOK PRIZE by NIPER Hyderabad in 2009.
4. 1st prize in an oral presentation on “Developmental Stages of Pregnancy” in 2007 conducted by SPIPS, Warangal, Andhra Pradesh.

Representative Publications:

1. Sreenivas B, Akhila M, Mohammed B. Synthesis and Biological Evaluation of Pyrimidine Analogs As Potential Antimicrobial Agents. International Journal of Pharmacy and Pharmaceutical Sciences. 2012; 4:306-310.