

KUNA.MANGAMMA, Ph.D.,

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CAREER OBJECTIVE

To work in a challenging environment and integrate my knowledge, capabilities and technical skills in the process of learning and exploring science and achieving goals in line with contemporary research.

PROFESSIONAL EXPERIENCE

- Adarsa college of pharmacy, Gkothapalli, Gokavararam, Eastgodavari (Dist). In charge of D. Pharmacy, 2004 to 2006.
- Shri Vishnu College of Pharmacy, kishanpura, Bhimavaram–September 2008 to May 2009.
- Adarsa college of Pharmacy, Gkothapalli, Gokavararam, Eastgodavari (Dist.) June, 2009 to Feb 2010 as Asst. professor.
- School of Pharmaceutical Sciences & Technologies, JNTUK-KAKINADA, April, 2010 to present as Asst. Professor.

Research experience

- Guided 70 post graduate students Pharmaceutical Analysis & Quality Assurance.
- Responsible for conducting laboratory animal experiments in accordance with standard animal ethical committee regulations related to evaluation of Herbal extracts as antimicrobial, anti-inflammatory, analgesic, antidiabetic.
- Preparation of media for culture use and stock solutions for general lab use.
- Extraction and Analysis of Secondary metabolites.
- Guided pharmacy practice and B. Pharm students for their dissertations.

TEACHING & RESEARCH EXPERIENCE

Total Experience 10 yrs 8 months (4 years part-time research experience)

- ◆ Taught to Post graduate students and students of Under graduates of Pharmacy (Biology, Pharmacognosy, and Pharmaceutical analysis I&II)
- ◆ Taught to Post graduate students and students of Under graduates of Pharmacy (Quality assurance of pharmaceuticals, IPR & Patents)

- ◆ **Taught to Post graduate students and students of Under graduates of Pharmacy** (Modern analytical techniques ,advanced pharmaceutical analysis I & II,as per PCI syllabus Pharmaceutical validation)
- ◆ **Taught to Post graduate students and students of Under graduates of Pharmacy** (Pharmaceuticalmicrobiology,Environmentalscience,Healtheducationand pathophysiology, Drug RegularityAffairs,Pharmaceutical management)
- ◆ **Taught to Post graduate students and students of Under graduates of Pharmacy** (chromatographic and other special techniques,phytopharmaceutical and biological analysis, quality assurance of glp,gmp)

Ph D Work:

AU College of Pharmaceutical Sciences, Andhra university University 2014-2018

NEW VALIDATED STABILITY INDICATING LIQUID CHROMATOGRAPHIC METHODS FOR ESTIMATION OF SELECTED DRUGS IN THEIR DOSAGE FORMS.

- Development and validation of A new RP-HPLC method for simultaneous estimation of Emtricitabine, Tenofovir,Cobicistat,Elvitegravir and its comparision with a reported method.
- Stability indicating HPLC method for simultaneous determination of Diphenhydramine,Phenylephrine,Paracetamol, and Diazepam in bulk and tablet dosage form.
- Stability indicating HPLC method for simultaneous quantification of Ombitasvir,Paritaprevir,and Ritonavir in tablet dosage form.
- Development and validation of stability indicating RP-HPLC method for the simultaneous quantification of Saquinavir,Ritonavir,and Amprenavir.
- Stability indicating UPLC method for simultaneous estimation of Montelukast and Fexofenadinesimulateneousinthepresenceofstressdegradationproducts.

TECHNICAL EXPERTISE

- Experienced in planning and execution of various kinds of dissertation projects
- Efficient in handling various extraction methods
- Handling of instruments like Ultra Sonicator (probe) Rota Evaporator UV, and HPLC,
- Experienced in Standardization of Crude drugs and herbal formulations
- Toxicokinetics and distribution studies of the ayurvedic preparations.

EDUCATION and RESEARCH TRAINING

Year	Course	Specialization	College/University	% of Marks
2014-2018	Ph.D.	Pharmaceutical analysis	A UCPSc, Andhra University, Visakhapatnam, India	--
2006-2008	M.Pharm	Pharmaceutical analysis	Annamalai University, Chidambaram, Chennai.	74%
1998-2002	B.Pharm	Pharma Sciences	Vaagdevi College of Pharmacy, Kakatiya University, India.	60%

PUBLICATIONS:

- 1. Journal of Pharmacy Research, April 2010, vol.3. Issue(4),769-770.**
Hypolipidemic activity of Andrographs SerpyllifoliaWt.Ic
- 2. International journal of Pharma and Bio-Sciences, vol.1/Issue-4/Oct-Dec.2010.**
Extraction, PhtochemicalScreening and In-vitro evaluation of Antioxidant Properties of commicarpus chinesis (Aqueous leaf extract)
- 3. An International Journal of Advances In Pharmaceutical Sciences, vol.1 (2) Nov-Dec- 2010,PHARMANEST.**
A validated RP-HPLC method for the Analysis of Moxifloxacin Hydrochloride in Pharmaceutical dosage forms.
- 4. American Journal of Pharmatech Research 2012,2(2).**
Simultaneous Determination of Metformin and Its Related substances in Metformin and Pioglitazone Tablets in Pharmaceutical Dosage form by RP-HPLC Method.
- 5. International Journal of Chemical and Analytical Science, 2012, 3(8),1500-1502.**
Method development and Validation of Gemcitabine and Irinotecan by RP-HPLCin Pharmaceutical formulation.
- 6. InternationalJournalofPharmaceutical,ChemicalandBiologicalSciences,2013,3(3),53 8-545.**
Analytical Method Development and Validation by RP-HPLC for the Simultaneous estimation of AbacavirSulphate and Lamivudine in Tablet Dosage forms.

7. World Journal of Pharmaceutical Research Volume 7 (2016) Issue 17, Research Article ISSN 2277– 7105

“A novel analytical method development and validation for simultaneous estimation of Atazanavir and Cobicistat by using RP-HPLC”

8. *Indo American Journal of Pharmaceutical Science*, 2017, 4 (6),1533-1612

Development and validation of new RP - HPLC method for simultaneous estimation of Emtricitabine, Tenofovir, Cobicistat, Elvitegravir and its comparison with a reported method.

9. *Journal Of Global Trends In Pharmaceutical Sciences*, 2017, 8 (4), 4542-4553

Stability indicating UPLC method for estimation of montelukast and fexofenadine simultaneously in the presence of stress degradation products

10. *International Journal Of Pharmaceutical Research*, accepted, in press 2018.

Stability indicating HPLC method for simultaneous determination of diphenhydramine, phenylephrine, paracetamol, diazepam in bulk and tablet dosage form.

11. *Asian Journal of Chemistry*, vol.30.no.6(2018),1277-283.

Stability indicating HPLC method for simultaneous Quantification of ombitasvir, paritaprevir, ritonavir in tablet dosage form.

12. *Asian Journal of Pharmaceutical and Clinical Research*,vol.11,Issue6,2018.

Development and Validation of Stability indicating HPLC method for simultaneous Quantification of saquinavir, ritonavir, Amprenavir in tablet dosage form.

13. *International Journal Of Pharmaceutical Research*, accepted, in press 2018.

PRESENTATIONS:

1. Participated in BIO ANDHRA 2014, International Conference on Marine, Agriculture and Pharma –Biotechnologies organized by Godavari Knowledge Park, at JNTUK Kakinada during March 2015.
2. Organized One day national seminar “Recent Trends in Pharmacy & Pharmacology” on 3rd march 2015 at School Pharmaceutical Sciences and Technologies, JNTU-Kakinada on 3rd march 2015.

3. Participated in Healthy world conference 2015, organized by School of Health Sciences & Research, JNTUK at Kakinada, AP, India during September 2015.
4. Participated in a workshop on “Creation of Facilities for Translational research in Type 2 Diabetes Mellitus” organized by JNTUK Kakinada, AP, India on 8th November 2015.
5. Participated as a Delegate and Presented a Poster on Evaluation of “Analytical Method Development and Validation for the Simultaneous estimation of Beclomethasone dipropionate & Salbutamol in Capsule, in Scientific session of 68th Indian Pharmaceutical Congress IPC-2016 held at AU College of Pharmaceutical Sciences, Andhra University, Visakhapatnam, A.P. during December 2016.
6. Presented a poster on Bioanalytical validation, in Emerging trends in Chemical, Pharmaceutical, Environmental Sciences and Technology, association with Anveshana Education & Research Foundation, held at Pithapur Rajah’s Govt. college, Kakinada, during January 2017.
7. Participated and presented a paper entitled “*Stability indicating UPLC method for estimation of Montelukast and fexofenadine simultaneously in the presence of stress degradation products* in ICMR Sponsored 3rd International Conference on Innovations in Pharmaceutical Sciences with the theme “Focus on Innovation to Remain Globally Competitive in Pharma Sector” held on 3rd and 4th August, 2018, at School of Pharmacy, Guru Nanak Institutes Technical Campus, Hyderabad, India.
8. Participated as a Delegate and Presented a paper in Poster session entitled “Analytical method development and validation for the simultaneous estimation of Cobicistat and darunavir by using RP-HPLC”, in National seminar on “Recent advances in dosage form design and their impact on clinical pharmacy” held on July 14th 2018 at AU college of Pharmaceutical Sciences, Andhra University, Visakhapatnam, A.P., India.

MEMBERSHIP & REGISTRATION

- Associate member (Life member) in Association of Pharmaceutical Teachers of India (APTI)
- Registered Pharmacist at Andhra Pradesh State Pharmacy Council.

PERSONAL DETAILS:

DATE OF BIRTH : 01-06- 1978
MARITAL STATUS : MARRIED [one kid]
NATIONALITY : INDIAN
PRACTICE : YOGA

Present Address:

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JNTUK, Kakinada,53003.

AP, INDIA

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Permanent Address:

H.No. 2-192/A

Adarsanagar,

Satrapadu,

ELURU.AP

INDIA.

DECLARATION

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

Place: Kakinada

Date: 5.03.19

MANGAMMA.KUNA