

Dr. AFRAIM KOTY

Assistant Professor

Department of Chemistry, College of Sciences for Girls, Jazan University

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Career Objectives:-To excel in the field of academic, research and serving through best of my potential, knowledge and capabilities .

Academic Qualifications:-

i. Ph.D [Analytical Chemistry and Inorganic Chemistry] Title of Ph.D. Thesis:-" Micro determination of Sulphur, Nitrogen and Oxygen containing pharmaceutical samples" from Department of Chemistry, Ranidurgavati University, Jabalpur, Madhya Pradesh, India in year **2009**.

ii. M.Sc [Chemistry] from Department of Chemistry, Ranidurgavati University, Jabalpur, Madhya Pradesh, India in year **2004**.

Professional Experience:- 3 years (Outside Kingdom)
6 years (Inside Kingdom)

i. Present position : **Assistant Professor** in Department of Chemistry, College of Sciences for Girls, **Jazan University, Saudi Arabia** since September **2012**.

ii. Assistant Professor in Department of Chemistry, Lovely Professional University, India from **25th July 2011 to 30th July 2012**.

iii. Research Scientist in Research and Development, Nectar Life sciences Ltd, Punjab, India from **October 2010-June 2011**.

iv. Research Associate in Research and Development, Surya Pharmaceuticals, Punjab, India from **April 2010- September 2010**.

v. Assistant professor in Department of Chemistry, St. Aloysius College, Jabalpur, Madhya Pradesh, India from **July 2008 - March-2010**.

Conferences and Seminars attended

1. Spectrophotometric determination of Trithiocarbonate of 6-Mercaptopurine using 2, 6-Dichlorophenolindophenol: Presented at 93rd Indian Science Congress, Hyderabad, **3rd -7th January 2006**.

2. Spectrophotometric Determination of Methdilazine with Ruthenium (III) in pure and pharmaceutical preparations, International Conference on Drug Discovery and Nanotechnology, Nanded, Maharashtra, **27th -29th January 2008**.

3. Study of Ruthenium (III) complexes of Felodipine and Salbutamol by X-ray powder diffraction and Scanning electron microscopy, in National Symposium in Chemistry, IISC Bangalore, **31st January 2008-3rd February 2008**.

4. Thermal analysis of metal complexes of Antihistamine, Antibiotics, and Antiulcer drug molecules. **Oral Presentation**, National Symposium and workshop on Thermans, IGCAR, Kalpakkam, **4th - 8th February. 2008**.

5. Cyanoethylation of Thioglycolic acid in the presence of antialcoholic drug and its determination with iodine monochloride, ISCBC, BITS Pilani, **22-24th February 2008**.

6. Sensitive Extractive Spectrophotometric method for the determination of Antiulcer and Antihistamatic drugs in pharmaceutical formulations. National Conference on Recent Advances in Chemical Research Osmania University Hyderabad **6-7th February 2009**.

7. Antibacterial Properties of Cephalosporin: Ru (III) Complexes. **Oral Presentation**, National Seminar and Workshop on Material Research, IIT, Mumbai **7-9th May 2009**.

Courses Taught: (Undergraduate level)

- **Courses taught in Jazan University**

1. General Chemistry
2. Gravimetric Analysis
3. Coordination Chemistry and Organometallic compounds
4. Chemistry of Lanthanides, Actinides and Nuclear radiations.

Scientific Publications:

1. M.Sharma, **Afraim Koty** and Al Rajab A.J. Analysis of the antiallergenic drug promethazine with ruthenium (III), **Current Pharmaceutical Analysis**, Vol 12, Issue 4, 999-1004 (2017).

2. M.Sharma, **Afraim Koty** and Al Rajab A.J, A Simple and effective method for determination of the antithyroid drug carbimazole by ruthenium trichloride . **Turkish J. of Chemistry**. Vol 41, 995-1012, (2017)

3. M. Srivastava, M.Sharma, **Afraim Koty** , Penicillamine: Determination, Spectral and Antibacterial Studies as its Ru (III) Complex. **Oriental J of Chemistry**, Volume 28 (4) 1711-1724 (2012).

4. **Afraim Koty**, Mukul Sharma and Ashutosh Srivastava Spectrophotometric Determination of Penicillamine with 2, 6-Dichlorophenol in drug formulations and its Application in whole blood and serum samples. **Asian. J. Chemistry**, Volume 20, (6) 1202-1206(2008).

5. Mukul Sharma, **Afraim Koty**, and Ashutosh Srivastava, FTIR, ¹HNMR, ESR TGA AND DTA Analysis of Trithiocarbonates of Captopril and 6-Mercaptopurine as their

Palladium (II) chloride complexes. **J. Chinese Chemical Society**, Volume 54, 1419-1432, (2007).

6. Afraim Koty and Ashutosh Srivastava, Spectroscopic, Analytical Study for the Complexation of Penicillamine with Pd (II) and its application in dosage form., *Vislesna*, 10 B (1) 73-77, (2006).

Personal Detail

Nationality : Indian
Place and Date of Birth : Jabalpur (Madhya Pradesh), India, 7/4/1978.
Permanent Address: Koty Medical Store Chotti Omti Jabalpur (Madhya Pradesh) India

Signature of Candidate
(Dr. Afraim Koty)