FACULTY PROFILE

Name: Dr. Amol Panjabrao Thakare

Designation: Assistant Professor

Department: Chemistry

Date of Birth: 02/10/1986

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Education Qualification: M.Sc. Chemistry, CSIR NET, Ph.D

Date of Joining: 26/08/2019

Membership: Indian Science Congress

Amravati University Chemistry Teachers Association (AUCTA)

NUTA

Work Experience:

- Teaching : 10 Years
- Research : 4Years
- Industry : 1Years

Area of Specialization: Inorganic Chemistry, Organic Chemistry

Courses Taught at:

- Periodic Properties
- Physical Properties & Molecular Structure
- Polynuclear Hydrcarbon
- Halogen Derivatives of Alkane
- Molecular Spectroscopy
- UV, IR, NMR & Mass Spectroscopy
- Colligative Properties
- Steriochemistry

Publication:

i) Synthesis, characterization and evaluation of antimicrobial activity of novel chiral benzimidazole; Chemistry and Biology Interface; Manoj P. Thakare, Rahimullah Shaikh, Amol P. Thakare; 327-332, 6(5), 2016.

iii) Synthesis and characterization of azopyrazole derivatives; Thakare A P and Thakare N R; Int. Res. J. of science & engineering; 108-110, A3, 2018.

iiii) Synthesis, spectroscopic and thermal studies of Fe(III) and VO(IV)complexes of heterocyclic Schiff base ligand; A. P. Thakare, P. R. Mandlik; Indian Journal of Advances in Chemical Science; 318-323, 5(4), 2017.

iv) Co(II), Ni(II), Cu(II) and Cr(III) complexes of heterocyclic Schiff base ligand: Synthesis, spectroscopic and thermal study; A. P. Thakare, P. R. Mandlik; International journal of advanced research and publication; 1-5, 1(2), 2017.

v) Thermal decomposition kinetics of Mn(III) complexes of hydrazone Schiff bases; A. P. Thakare, P. K. Deshmukh and P. R. Mandlik; International journal of research in biosciences, agriculture and technology; 123-127, 1(1), 2015.

vi) Synthesis, characterization and thermal behavior of Co(II), Ni(II), Cu(II) and Cr(III) complexes of Schiff base ligand; Bionano frontier; A. P. Thakare, P. R. Mandlik; 1-3, 10(2), 2017.

vii) Synthesis and characterization of chalcone and their Fe(III) metal complexes; Thakare A P, Dahane A S, Rathod S B, Mandlik P R; Int. Res. J. of science & engineering; A3, 2018.

viii) P. U. Gawande, A. P. Thakare and P. R. Mandlik " Thermal and Electrical Conductivity Studies of Some Transition Metal Complexes With Isonicotinoyl Hydrazone Schiff **Bases",** Procd. of the National Conference on Frontier Areas in Chemistry, Shri Shivaji Science College Amravati.

ix) N R Thakare, A P Thakare Synthesis characterization and biological evaluation of some isoxazole derivative from various chalcone" JETIR, 1095-1097, 7(9), 2020.

x) A P Thakare, P R Mandlik, "Synthesis, Spectroscopic and Thermal Analysis of Co(II), Ni(II), Cu(II), Cr(III), Fe(III) and VO(IV)Transition Metal Complexes of Pyrazoline Schiff Base Ligand" JETIR, 364-368, 7(2), 2020.

xi) P K Deshmukh, A P Thakare, P R Mandlik "Synthesis, Spectroscopic and Thermal Analysis of Co(II), Ni(II), Cu(II), Cr(III), Fe(III) and VO(IV)Transition Metal Complexes of Pyrazoline Schiff Base Ligand" J of Adv Sci Research, 53-59, 10(4), 2019.

xii) Yogita Thakare, Amol Thakare, Synthesis, structural analysis and phytophysical parameters of isoxazoline derivatives, 22-28, 11(2), 2020.

xiii) Yogita Thakare, Rushali Muratkar, Amol Thakare, SYNTHESIS, STRUCTURAL DETERMINATION AND VISCOMETRIC STUDY OF ISOXAZOLINE DERIVATIVES, 61-67, 7(2), 2020.