

BIODATA

NAME : **VAIDYA SAYUJJATA RAOSAHEB**
DESIGNATION : **PROFESSOR & HEAD**
DEPARTMENT : **CHEMISTRY**
QUALIFICATION : **M.Sc. Ph.D.**
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TEACHING EXPERIENCE : **1991 till date (27 years)**

RESEARCH EXPERIENCE : **15 years**

RESEARCH ARTICLES PUBLISHED : **21**

- 1) Effect of product concentration on mixing & blending index for burfi production Indian food packer ;ISSN :0019-4808, Jan Feb.2006
- 2) Synthesis, characterization & antimicrobial activities of some transition metal complexes of biologically active asymmetrical tetradentate ligands;Advances in applied Science research (175-182). Pelagia research library, U.S.A. ISSN : 0976-8610 03-03-2012
- 3) Synthesis & characterization of β -diketone Ligands & their antimicrobial activity; Archives of Applied Science Research , Scholars research library, U.S.A. AASRC (1839-1843). ISSN0975-508X04-04-2012
- 4) Spectrophotometric determination of palladium (II) with N-decyclopyridine-4-amine from malonate media; Journal of the Indian Chemical Society, Kolkata, vol.91(845-851) 05-05-2014.
- 5) Potentiometric Study Of Ternary Complexes Of Transition Metal Ions with β -diketone Ligands; International Journal of Analytical & Bioanalytical Chemistry.(81-84). Universal Research Publication. ISSN-2231-5012, 24-12-2014.
- 6) Potentiometric study Of binary complexes of transition metal ions with β -diketone ligands; American international journal of research in formal, applied & natural sciences ISSN :2326-3785,10-02-2015
- 7) Comparative study of one pot synthetic method of 2-Amino-1,2,3,4-Thiadiazol; Der Pharma Chemica, Feb. 2015
- 8) Spectrophotometric determination of Pt(IV) with N-decylpyridine-4-amine from succinate media; Journal of the Indian Chemical Society, Kolkata, Jan 2015.
- 9) Synthesis & characterization of Schiff base ligand and their antimicrobial activity; Advances in applied Science research Pelagia research library, U.S.A. ISSN : 0976-8610. Jan 2016.
- 10) Rajasthan Red stone as a low cost Adsorbent; Journal of Medicinal chemistry & drug discovery ISSN :2347-9027. Feb.2016 .
- 11) Thiamine hydro chloride(VB₁) as an efficient catalyst for the synthesis of 4H-pyrimido (2,1-b) benzothiazole derivatives; Chemistry & Biology Interface, ISSN: 2249-4820 .Feb.2016 .
- 12) Adsorptive removal of Methylene blue dye from an aqueous solution using Marbel powder as a low cost adsorbent; International Conf. on Emerging trends & issues in Research and Development. Feb.2016
- 13) Catalyst Free in Aqueous Medium Olefination of 1-Methyl-4-hydroxyquinolinone under Microwave Irradiation Method; Asian Journal of Organic & Medicinal Chemistry, Jan 2017.
- 14) Microwave Assisted Anhydride Catalyzed by Synthesis of 2-Amino-5-Aryl-1,3,4-Thiadiazoles; Research Article, Jan2017.

- 15) Microwave assisted solvent free synthesis of Schiff base of functionalized 1,3,4- thiadiazole in ionic liquid; Heterocyclic Letters (Vol.7/ Issue 2) April 2017
- 16) Water-peg mediated onepot synthesis of 4- arilidene-2- phenyl- 5(4h)- oxazolones or azlactones; Heterocyclic Letters (Vol.7/ Issue 2) April 2017
- 17) Synthesis of Schiff base by green method and their antimicrobial activity; Heterocyclic Letters Vol. 7| No.3|863-866, July 2017
- 18) An Efficient Synthesis of 5-unsubstituted-3,4-dihydropyrimidin-2(1H)-One using Grinding Method;Heterocyclic Letter (Vol.7/Issue 3 ISSN : (print) 2231–3087 / (online) 2230-9632 April 2017
- 19) Synthesis of Schiff base of 1,2,4-triazole by green method and their antimicrobial activity;Heterocyclic Letters Vol. 7| No.4|1153-1156 Oct 2017
- 20) Potentiometric study of binary complexes of transition metal ion Cu^{+2} with Schiff base ligands; Heterocyclic letters Vol.8/No.1/185-1Jan2018
- 21) Dye Removal Using From Waste Material As A Low Cost Adsorbent;International Journal Of Universal Print ISSN 2454-7263, Marc2018

RESEARCH PAPER PRESENTED : 07

- 1) Synthesis , characterization and antimicrobial studies of some lanthanide metal complexes of tetradentate ligand;UGC sponsored Workshop on Review of progress in Nanoscience New Arts, commerce, Science college A’Nagar; National Workshop; **2015-16**
- 2) Thiamine hydrochloride(VB1) as an efficient catalyst for the synthesis of 4H-pyrimido (2,1-b) benzothiazole derivatives; 35Annual National Conference of Indian Council of Chemists; Haribhai Desai College, Pune in association with College of Engineering, Pune; National Conference; **2016-17**
- 3) A simple and Convenient one-pot synthesis of 2-aryl benzimidazole derivatives using Zirconium oxychloride as a catalyst; National Conference on “Chemistry Research with Responsibilities ”; Maulana Azad College, Aurangabad; National Conference; **2017-18**
- 4) Adsorption of Malachite Green on to Novel Adsorbent: Marble Powder “;“New Emerging trends in Control and Prevent pollution”; Pratishthan Mahavidyalaya, Paithan, Dist. Aurangabad; National Conference; **2017-18**
- 5) Absorptive removal of Methylene blue dye from an aqueous solution using marbel powder as a low cost adsorbant;Inter National ConferenceOn Emerging Trends and issues in Research & Development; Maharaja Sayajirao Gaikwad Arts, Science & Commerce College, Malegaon camp; Inter National Conference; **2016-17**
- 6) Efficacy of Thiophanate Methyl On Patogenic Fungi; Inter National Multidisciplinary Research Conference On Biodiversity, Climate Change and Life Science; S.B.E.S. College of Science, Aurangabad In Association With(IASR) Kolkata,WestBengal, India; Inter National Conference; **2018-2019**
- 7) Potassium fluoride: An Efficient Catalyst for the synthesis of Aryl-14H-Dibenzo(a,j.) Xanthenes; National Conference on Emerging Trends and Challenges in Biosciences; R.B.Attal Arts, Science & Commerce College, Geori, Dist. Beed; National Conference; **2019-20**

RESEARCH STUDENTS : 1) REGISTERED - 05

MEMBERSHIP OF PROFESSIONAL BODIES: 02

1. Life Member "Indian Council of Chemist"
2. Member of BAMUCTO

ANY OTHER

:

1. Councillor IGNOU, New Delhi,
2. Organized Work shop for M.Sc. Chemistry students in collaboration with Chroma analytical institute, Aurangabad.
3. Working as Head Of Department chemistry since 2002

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