

BIODATA

NAME : Dr. Smt. Pawar Sangeeta Parshuram
DESIGNATION : Asst. Professor
DEPARTMENT : Chemistry
QUALIFICATION : M. Sc., M.Phil., Ph.D.
E-MAIL : sangeetapawar@vivekanandcollege.edu.in
TEACHING EXPERIENCE : 23 yrs
RESEARCH EXPERIENCE : 2 yrs

RESEARCH ARTICLES PUBLISHED : 12

1. Analytical study of Kham river water samples in the outskirts of Aurangabad city; Bioinfo Environment and Pollution, Vol 4, issue 2, 2014, pp-72-78.
2. Bioactivity guided chromatographic separation of Allium sativum; Journal of medicinal chemistry and drug discovery, Special issue, 18 Jan 2015, pp-456-458.
3. Investigation of Kinetics of Oxidation of 2-chloro- 3-formyl quinoline by C.A.N; Journal of Chemical, Biological and physical sciences, Vol 5, issue 3, May 2015 pp-2666-2670.
4. Applicability of PH measurement method for monitoring non-aqueous solvent based reaction rates; Der Pharma Chemica, Vol 8(1) 9 June 2016, pp-263-268.
5. Investigation of Effect of Temperature and Medium on Complexation of Dy (III) with 5-Bromo, 2-Hydroxy Acetophenone; World Journal of Pharmacy and Pharmaceutical Sciences Volume 5, Issue 2, 2016, pp- 1581-1585.
6. Kinetic study of oxidation of 2-chloro-3-formly quinoline by C.A.N. through pH monitoring; Journal of Medicinal Chemistry and Drug Discovery; Vol11,issue 2, 28 Feb 2016,pp-96-99.
7. Influence of Gypsum as binding compound on the fractionation efficiency of Column Chromatography. Journal of Medicinal Chemistry and Drug Discovery. 28 Feb 2016 Vol 1(2), (p-59-62) (2015-16)
8. A simple and convenient one pot synthesis of 2-Arly Benzimidazole derivatives using zirconium oxychloride as a catalyst; Heterocyclic Letters Vol.7/No.1/999-103/ Nov-Jan-2017, pp-99-103.
9. Eco-friendly approach through incorporation of substituent in the oxidation of 2-chloro-3-formylquinoline; Bionano Frontier; Vol 10, issue 2, July 2017.
10. Expeditious microwave-assisted Zirconium chloride catalysed synthesis of curcumin analogues; Int. J. Of Universal Print, Vol 4, issue 4, pp-202-210.
11. An efficient solvent free green synthesis of 2- aryl benzothiazole derivatives using ionic liquid; Heterocyclic Letters, Vol. 7| No.2|439-445|Feb-Apr|2017, pp-439-445.
12. Comparative Study of Effect of Natural and its Counterpart Commercial Medicine on Defense Oriented Reaction; Int. J Adv and Inno. Res, Jan-Mar 2019, 6 (1) (XVI): 198-199

RESEARCH PAPERS PRESENTED : 10

1. **“Effect of temperature and media on the complexation of Dy (III) with 5-bromo-2-hydroxy Acetophenone”.** ”Recent trends in chemistry Education”. Sir Sayyad College, Aurangabad. National Conference (2013-14).
2. **Silica chloride catalysed synthesis of 2-aryl Benzothiazines.”Recent trends and challenges in science and technology”** Pravara College, Loni Pravaranagar,20-22, Aug 2014. Pravara college , Pravaranagar- Loni Dist. Ahmednagar. International Conference. (2014-15)
3. **Optimization of –preparative Scale TLC Development.,** INDIAN COUNCIL OF CHEMISTS-Annual conference. INDIAN COUNCIL OF CHEMISTS National Conference (2016-17)
4. **Precision Enhancement in Kinetic Parameter Measurements** INDIAN COUNCIL OF CHEMISTS - Annual conference INDIAN COUNCIL OF CHEMISTS National Conference (2016-17)
5. **An Efficient solvent –free green synthesis of 2-Arly benzothiazole Derivatives using Ionic liquids.** Chemistry Research with Responsibilities Maulana Azad college of Arts, Science & Commerce, in association with Analytical Chemistry Teacher’s and Researcher’s Association National Conference (2016-17)
6. **Eco-friendly approach through incorporation of substituent in the oxidation of 2-chloro-3-formylquinoline.** New Emerging Trends In Environment To Control And Prevent Pollution UGC, New Delhi, Dr. Babasaheb Ambedkar Marathwada University, Pratishthan Mahavidyalaya Paithan National conference (2016-17)
7. **Effect of Temperature and Media on the Complexation of Dy (III) with 5-Bromo-2-Hydroxy Acetophenone ,** New Emerging Trends In Environment To Control And Prevent Pollution UGC, New Delhi, Dr. Babasaheb Ambedkar Marathwada University, Pratishthan Mahavidyalaya Paithan. National conference (2016-17)
8. **Influence Of Extra Material Object On Kinetic Parameter Of Enzyme Catalyzed Reaction,** Innovative Research in science & Technology, R. B. Attal Arts, science & Commerce College. Georai, Beed. National Conference (2018-19)
9. **Substituent Effect on the Oxidation of 2-Chloro-3-Formylquinoline by Ceric Ammonium Nitrate,** *Exploring New Horizons in Chemical Sciences-2019,* Devgiri college ,Aurangabad International Conference, 10 Jan 2019.
10. **Assessment of Biological Activity Retention Time of Allium Sativum and Syzygium cumini,** Emerging Trends and Challenges in Biosciences (ETCB-2019) ,National conference 11 Aug 2019-20

RESEARCH PROJECT/SURVEY : COMPLETED: 01 (MINOR)

FUNDING AGENCY: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

INVITED / SPECIAL LECTURES: Delivered a lecture on “ **Water Quality Index of Kham River** “, as a resource person in one day seminar 18 march 2008 of Analytical chemistry teachers & researcher’s association.(ACTRA).

MEMBERSHIP OF PROFESSIONAL BODIES: 05

1. Life Member of BAMUCTA
2. Life member of “Indian Council of Chemist”.
3. Member of ACTRA, Aurangabad.
4. Member of Indian Science Congress Association.
5. Member of **Association of Chemistry Teachers**

ANY OTHER :

1. Short term Course in “**Disaster Management**”, UGC Academic Staff College, Aurangabad,(07/01/2013- 12/01/2013)
2. NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) IIT, Madras. “**Introduction to Research**”. Jan-March 2015-16 (10 hour course)
3. NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) IIT, Madras. “**Advanced Transition metal organometallic chemistry**”. (IIT Bombay, Jan-April 2019).

(Dr. Smt. Pawar Sangeeta Parshuram)