



Dr. Avnish Sharma

PhD, NET

Department of Chemistry

Total teaching experience (in years) :- 19 years

Institute of doctoral degree- MNIT, Jaipur (Registered in Rajasthan University)

Research experience as Research Supervisor (in years)= 14 years

Number of Research papers/Articles published- 09

Details of published article-

1. Electrochemical studies of Cd (II) and (Pb) Complexes with L-2-Amino 3-hydroxy propanoic acid at various temperatures and in aqueous and non aqueous media, 2002, vol. 14(1), 111-114 Journal of Ultra physical sciences, With Dr. K.D.Gupta and Dr.K.K.Sexana.
2. Dissociation constants of Carbonyl, Amino and Hydroxyl group in L-2-Amino 3-hydroxy propanoic acid by potentiometric methods, Journal of the Indian Council of Chemists, 2002 Vol.19, 43-46. With Dr. K.D.Gupta and Dr. K.K.Sexana.
3. Electrochemical studies of the binary complexes of Co(II), Ni(II), Cu(II) and Zn(II) with L-2-Amino 3-hydroxypropanoic, Transaction of the SAEST, 2004 Vol 39, 56-57, With Dr. K.D.Gupta and Dr. K.K.Sexana.
4. Study of Chelate formation of Rhodium (III) with Eriochrome Cyanine R Manu Sikarwar, Avnish Sharma & Bharti Khungar , J of Ultra Chemistry, Vol 4, No. 2, pp291-294 (2008)
5. Mixed-Ligand Complexes of Cu²⁺, Ni²⁺, Co²⁺, Zn²⁺ with 2,2'-Bipyridine as a Primary Ligand and DL-2-Aminobutanedioic Acid as Secondary Ligand, Sharda Soni, Manu Sikarwar and Avnish Sharma, Asian J. Chem., Vol. 22, pp. 2453-2455 (2010)

6. Microwave synthesis: A green chemical approach to water conservation and management, Mr. Shailendra jain, Dr. Avnish Sharma, Dr. Manu Sikarwar. pp 88-93, ISBN978-93-81914-14-4 (DMMR) ,December 13,14- 2013 at Govt. PG College, Tonk (Raj.)
7. "Microwave Assisted Synthesis of Some Chalcones Containing Benzimidazole Moiety" Dr. Avnish Sharma, Shailendra Jain* IJGHC, June 2017 – August 2017; Sec. A; Vol.6, No.3, 00-00. DOI: 10.24214/IJGHC/GC/6/3/5161
8. "Chalcones as Michael Acceptor: Synthesis of Some Benzimidazolyl Indazole erivatives under Microwave Irradiation" Avnish Sharma, Shailendra Jain* [International Journal of Current Trends in Science and Technology](#) Online ISSN: 0976-9730 Accepted 2017-08-02; Published 2017-08-22
9. "Precursory phytochemical screening and study of physicochemical parameters of Enicostemma axillare (Namme)" Dr. Avnish Sharma, International Journal of Advances in Engineering and Management (IJAEM), ISSN: 2395-5252, 2020

No. of Books published- NIL

No. of book chapters/papers in proceedings- NIL

Conference attended-

1. International

1. Oral Paper Presentation in International Conference 3rd ICENS in Bangkok, (Thailand) Jan, 2016.
2. Oral Paper Presentation in International Conference "Colloquium Spectroscopic Internationale CSI XXXV" in Xiamen, (China) September 2007
3. International conference on High Performance Computing in Science & Industry Organized by Indian Institute of Technology Delhi (2007).
4. International seminar on recent trends in chemical sciences: global prospective and progress 28-29 November, 2016, SGG Government College, Banswara (Raj.)

5. International conference on frontiers at the chemistry -allied sciences interface, 22-23 July 2017, Centre of advanced study, Department of Chemistry, University of Rajasthan, Jaipur (India)
6. 24th ISCB international conference : Frontier research in chemistry & biology interface, 11-13 January, 2018 jointly organized by : Department of Chemistry Manipal University, Jaipur and Indian society of chemicals and biologists, Lucknow, India

2. National

1. Poster paper presentation at National Symposium on recent trends in Chemistry, Chittorgarh (Raj.), funded by U.G.C. (Jan, 2007)
2. Paper presentation in National Symposium on Emerging trends in advanced chemistry (March,2008) funded by U.G.C at University of Rajasthan, Jaipur, INDIA.
3. Participated in RASET-2011, 22-23 December, Department of chemistry, Govt. PG College, Tonk (Rajasthan)
4. Paper presented in National Conference on Biodiversity depletion causes consequences and solutions 28-29 September, 2012 deptt. Of Botany M.L.V Govt. College, Bhilwara (Raj)
5. Presented paper in National conference of RSA 18-19 December.,2015, Department of social science

Research projects handled- Completed- Two (02)

Ongoing- Nil

Member of BOS, Academic council- NO

Any other achievements -

1. Chair the session in International Conference 3rd ICENS, Bangkok, Thailand, Jan, 2016.
International

2. Oral Paper Presentation in International Conference 3rd ICENS in Bangkok, (Thailand) Jan, 2016.
3. Oral Paper Presentation in International Conference “Colloquium Spectroscopic Internationale CSI XXXV” in Xiamen, (China) September 2007