



DEPARTMENT OF CHEMISTRY

Anand Niketan College, Anandwan, Warora - 442914



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Academic Profile:

Degree	Year	University
Ph.D.	2019	Nagpur University
B.Sc. (Micro, Chem, Bot.)	2000	Amravati University
M.Sc. (Chemistry)	2002	SGB Amravati University
UGC- CSIR NET	2003	UGC- CSIR Delhi
SET	2003	Pune university, Pune
IIT-GATE	2005	IIT-Mumbai

Positions Held:

- Associate Professor & Head Department of Chemistry, Anand Niketan College of Arts, Commerce & Science Anandwan, Warora, 442914

Field of Specialization:

- Organic Chemistry

Professional Affiliations:

- Member of International Human Rights Associates

Teaching Experience:

- Year 2005 till date : Assistant Professor, Department of Chemistry,
- Anand Niketan College (Senior), Warora.
- Total Teaching Experience (UG): **16Yrs.**
- Total Teaching Experience (PG): **05 Yrs.**



Industrial Experience:

Two years research experience as Research Associate in the R & D division of Wockhardt Limited, Chikhalthana, Aurangabad

Sponsored Research Projects: Nil

Academic Activities carried out & going on:

- *Recognition as a Post Graduate Teacher*
- *Member of Various committees of Anand Niketan College, Warora.*
- *Coordinator of "Environmental Education"*

Publications:

(A) Research Papers:

- ❖ List of paper presented in the national /International Conferences and Journals: -
 - ❖ Effect of molar mass on the physical properties and invalidation of the Lorentz Mossoti Formula of alcoholic Compounds. Journal of Science Information, Vol. (02) Aug, 2011, 85-87
 - ❖ Theoretical Modeling Of Ultrasonic Velocity Of Aqueous Solution Of Polydiallyl dimethyl Ammonium Chloride. National Conference, NCSCAM-2011
 - ❖ Determination of Intermolecular Interactions in Polar and Non-Polar Organic Molecules by Optical (Refractive Index) Method. Journal of Chem. & Cheml.Sci. Vol.3 (2), 80-84 (2013)
 - ❖ ULTRASONIC STUDIES OF INTERMOLECULAR INTERACTIONS IN SOME CARBOHYDRATES (DEXTROSE, FRUCTOSE AND INOSITOL) AT 298.15 K. International Journal of Res. in Biosci. Agri. & Tech. Vol.1(2), 965-973 (2014)
 - ❖ Ultrasonic Studies Of Intermolecular Interactions Of Dextrose In Aqueous Medium At 303.15 K. Journal of Science Information, Special Issu.-9 Feb.(2014)111-113
 - ❖ Acoustical and Thermodynamical Study of Toluene in Cyclohexane & Nitrobenzene at 293K, 398K and 303K Using Ultrasonic Technique, J. Pure. Appl. & Ind. Phys. Vol.4(1),21-28(2014) Evidences of Supreme Being In The Religion Of Buddha Vision 2056 International Interdisciplinary Conference March-2014
 - ❖ Thermodynamic parameters and ultrasonic studies of intermolecular interactions in some carbohydrates (Dextrose, Fructose and Inositol) at 298.15K, Der Pharmacia Lettre, 2014, 6(3): 236-241
 - ❖ Ultrasonic Studies Of Intermolecular Interactions Of Dextrose and Fructose in alcoholic medium at three different temperatures, IJSR, ISU 282-285(2015)



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- ❖ Understanding Anomalous Behaviour of Water by Ultrasonic Measurements in Aqueous and 10% Ethanol-Water solution of Dextrose at different temperatures , Bio-Nano Frontier , NCMAM (2017) 248-250
- ❖ Solution Behavior of Sugars and Pseudo-Sugar in Water at 298 K, Der Pharmacia Sinica, 2017, 8(2): 28-32
- ❖ Comparative studies of Jones-Dole and Stauarding Equation of aqueous solution of some carbohydrates at 298K, AIIRJ, 2018, 1314-1316

Extension work:

- Every Sunday, Extra Classes of Basic Chemistry are arranged.
- Chemistry Quiz.
- Regular unit test
- Seminar
- Promote students to participate in intercollegiate seminar

Social/Professional Contribution:

- Blood donation camp, Eye Camp, Environment awareness camp, N.S.S. camp