

Name of Faculty: Dr. Shailendrasingh Virendrasingh Thakur

Head & Associate Professor

Department of Chemistry

PUBLICATIONS

Peer-reviewed International / National Journals (25)

1. **S.V. Thakur** and M.A. Sakhare “ Assessment of ground water quality of colleges of Beed city.” **Journal of Medicinal Chemistry & Drug discovery (Special issue ACTRA), 3(2), 18-23 ISSN: 2347-9027**
2. H.U.Joshi, **S.V.Thakur**, G.M.Dhond, S.R.Bagal“ICT- mantra of modern education system.” **International Journal Kesona Report,2016,1(1),60-62 ISSN:2456-2025**
3. **S. V. Thakur**, Jameel Pathan, Farooque Bashir Ansari, D. D. Kayande “Formation of rare earth metal complexes with Zonisamide in aqueous medium.”**Journal of Chemical and Pharmaceutical Research, 2016, 8(5):291-294ISSN : 0975-7384**
4. **Shailendrasingh V.Thakur**, MazaharFarooqui, S.D.Naikwade“Complexation behavior of the antibacterial drugs Oxytetracycline, Cefotaxime & Ceftriaxone along with amino acids towards cobalt (II) in aqueous solution.” **Journal of Medicinal Chemistry & Drug discovery (Special issue ACTRA)123-127ISSN: 2347-9027**
5. S.D.Naikwade, **ShailendrasinghThakur** “MazaharFarooqui, Formation of rare earth metal complexes with 2-hydroxy-5-methyl acetophenone-N-(4-ethoxyphenyl)imine in ethanol-water mixture.”**Journal of Advances in Applied Sciences & Technology Vol.02 Jan 2015.Page no.217-219{ISSN(Online):2393-8196 & ISSN(Print):2393-8188}**
6. **ShailendrasinghThakur**“Potentiometric study on complexes of Metformin drug with Mg(II) & Ca(II) metal ions in ethanol-water media.”**Journal of Advances in Applied Sciences & Technology Vol.01 Sept 2014.Page no. 4-6 {ISSN(Online):2393-8196 & ISSN(Print): 2393-8188**

7. S.D.Naikwade, H.U.Joshi, **S. V.Thakur** “Formation of trivalent lanthanide complexes with 2-hydroxy-5 bromoacetophenone-N-(4-methylphenyl)imine in mixed solvent media.”**Journal of Basic and Applied Sciences(special issue)Vol.10, Feb.2013,Page no. 30-32 {ISSN No.2229-3302}**
8. S.D.Naikwade, **S.V.Thakur**, S.A.Peerzade,R.L.Ware “Potentiometric study of trivalent lanthanide complexes with 2-hydroxy-5-methyl acetophenone-N-(4-methylphenyl)imine in 50% ethanol-water media.”**Journal of Basic and Applied Sciences(special issue)Vol.10, Feb.2013, Page no.75-77 {ISSN No.2229-3302}**
9. M.A.Sakhare, R.H.Satpute,**S.V.Thakur**, L.S.Gadekar “XRD and TGA-DSC as an effective tools of research in physical sciences.”**Journal of Basic and Applied Sciences (special issue)Vol.10, Feb.2013, Page no.154-157 {ISSN No.2229-3302}**
10. **ShailendrasinghThakur**, M.A.Sakhare, MazaharFarooqui, S.D.Naikwade“Mixed ligand complexes of cobalt (II) metal ion with Isoniazide drugs and some amino acids.”**Journal of Basic and Applied Sciences (special issue)Vol.10, Feb.2013,Page no. 48-51 {ISSN No.2229-3302}**
11. **ShailendrasinghVirendrasinghThakur**, MazaharFarooqui, SahebraoD.Naikwade“Formation of transition metal complexes carrying medicinal drugs: Thermodynamic study.”**Journal of Chemical Biological & Physical sciences. 4(1), 1-7, (2014) {E-ISSN: 2249-1929}{IC Value 6.03}**
12. **ShailendrasinghThakur**, MazaharFarooqui, S.D.Naikwade“Mixed ligand complexes of cobalt(II) metal ion with medicinal drugs Metformin, Imipramine & Adenosine in mixed solvent system.” **International Journal of Pharm Tech Research. 5(4),1508-1515, (2013) {ISSN: 0974-4304}**
13. **ShailendrasinghThakur**, MazaharFarooqui, S.D.Naikwade“Comparative study of stability constant of antibacterial drugs with transition metal ions in ethanol-water media.”**Int.J Recent Trends in Science & Technology, Special Issue, ACTRA-INDIA, Sept.2013,29-31 {ISSN: 2277-2812, E-ISSN: 2249-8109}{Impact factor 0.6908}**
14. **ShailendrasinghV.Thakur**, MazaharFarooqui, S.D.Naikwade “Equilibrium Studies on Mixed Ligand Complexes of Zinc (II) Metal Ion with Some Medicinal Drugs and Amino Acids.” **Asian Journal of Biochemical and Pharmaceutical Research,3(3), 34-43, (2013){ISSN: 2231-2560}**

- 15. ShailendrasinghThakur**, SahebraoNaikwade ,MazaharFarooqui“Thermodynamics of the formation trivalent Lanthanide complexes carrying Adenosine drug in mixed solvent media.” **International Journal of Chemical Studies.1(3), 88-92, (2013) {ISSN: 2321-4902}**
- 16. ShailendrasinghVirendrasinghThakur**, MazaharFarooqui, M.A.Sakhare, S.D.Naikwade“ Thermodynamic studies of Oxytetracycline with some transition and rare earth metal ions in mixed solvent media.” **American Int. J. Research in Formal, Applied & Natural Sciences.3(1),123-127, (2013) {ISSN(Print):2328-3777, ISSN(Online):2328-3785} {Index Copernicus (IC) Value = 9.125}**
- 17. ShailendrasinghVirendrasinghThakur**, MazaharFarooqui, SahebraoD.Naikwade“Thermodynamics of the formation of transition metal complexes carrying Adenosine drug in mixed solvent system.”**International Journal of Emerging Technologies in Computational & Applied Sciences. 4(4),389-393, (2013) {ISSN(Online):2279-0055 & ISSN(Print):2279-0055}{Impact factor value 1.237}**
- 18. ShailendrasinghThakur**, MazaharFarooqui, SahebraoNaikwade“Thermodynamics of the complexation of Imipramine Hydrochloride drug with Lanthanide.”**International Journal of Emerging Technologies in Computational and Applied Sciences. 4(4) 342-346, (2013) {ISSN(Online):2279-0055 & ISSN(Print):2279-0055}{Impact factor value 1.237}**
- 19. ShailendrasinghV.Thakur**, MazaharFarooqui, S.D.Naikwade “Study of Binary Complexes of transition metal ions and Lanthanide metal ions with Adenosine drug in mixed Solvent System.”**ActaChimica&PharmaceuticaIndica,2013, 3(1):35 - 39. [ISSN:2277-288X]**
- 20. ShailendrasinghV.Thakur**, MazaharFarooqui, S.G.Shankarwar, S.D.Naikwade “Comparative study of stability constant of antibacterial drugs with rare earth metal ions.”**International Journal of Chemical Sciences, 2013, 11(1): 464 - 468. [ISSN:0972-768X] {Impact factor 0.12}**
- 21. S. V.Thakur**, MazaharFarooqui, S.D.Naikwade “Thermodynamic studies of rare earth metal complexes with Metformin Hydrochloride drug in mixed solvent system.”**Journal of Advanced Scientific Research, 2013,4(1):31-33.[ISSN:0976-9595]**
- 22. ShailendrasinghV.Thakur**, R.L.Ware, MazaharFarooqui, S.D.Naikwade “Equilibrium studies on Imipramine Hydrochloride-metal ion in 20% ethanol-water mixture.”**Asian Journal of Research in Chemistry, 2012, 5(12): 1464-1465. [ISSN: 0974-4169 Print & ISSN: 0974-4150 Online]**

- 23. S. V.Thakur, MazaharFarooqui, S.D.Naikwade** “Stability study of complexation of trivalent rare earth metals with isoniazid: Thermodynamic aspect.”**International Journal of Research in Inorganic Chemistry, 2012; 1(4): 5-7**
- 24. ShailendrasinghV.Thakur, MazaharFarooqui, S.D.Naikwade** “Thermodynamic studies of transition metal complexes with Metformin Hydrochloride drug in 20% (v/v) ethanol-water mixture.” **Pelagia Research Library, Der ChemicaSinica, 2012, 3(6):1406-1409. ISSN : 0976-8505**
- 25. ShailendrasinghV.Thakur, MazaharFarooqui, S.D.Naikwade** “Potentiometric study of transition metal and rare earth metal complexes with Isoniazid drug in 20% (v/v) ethanol-water mixture.”**Journal of Chemical and Pharmaceutical Research, 2012, 4(9):4412-4416 ISSN : 0975-7384**