

CURRICULAM VITAE

Dr. Anupama Asthana

Professor and Head, Department of Chemistry (DST-FIST sponsored),
Govt. VYT PG Autonomous College, (College with Potential of Excellence)
Durg, Chhattisgarh, India

Personal Information

Date of Birth : 9th Nov. 1962

Nationality : Indian

Sex : Female

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Educational Qualification :

B.Sc. : Chemistry, Botany, Zoology, Govt. DB Girls PG College, Raipur (CG)

M.Sc.: Chemistry, Govt. DB Girls PG College, Raipur (CG)

Ph.D.: Chemistry, Pt. Ravishankar Shukla University, Raipur (CG)

Thesis Topic : Methods of Analysis of Organic Pollutants and Pesticides.

Research Project : Kinetic and thermodynamic studies of adsorption of some toxic metal ions by using nano particles entrapped adsorbents.

Teaching Experience (as on 1.11.2016) : 33 Years

Ph.D. supervision :

Awarded : 02

Registered: 03

Thrust Area of Research :

Analytical & Environmental Chemistry
Adsorption Techniques

Details of publications :

Year	Title	Name of Journal/Book	ISSN No./ISBN No.	Volume/Edition
2015	1. Development of surfactant assisted kinetic method for trace determination of thallium in environmental samples.	Micro chemical Journal	0026-265x	118,150-157
	2. Determination of Dicofol in various environmental samples by spectrophotometric method, using chromogenic reagents.	Synthesis and reactivity in inorganic, metal, organic and non metal chemistry	1553-3174	45,1199-(7)
2014	3. Sensitive spectro photometric method for determination of some phenothiazine drugs.	Springer Research on Chemical Intermediates	1568-5675	1164-014-1838-8

	4. A novel and sensitive kinetic method for the determination of malathion using chromogenic reagent.	Micro chemical Journal	0026-265X	113, 83-89
2013	5. A sensitive spectrophotometric determination of atrazine in micellar medium and its application in environmental samples.	Research on chemical Intermediates	0922-6168	39,6,2867-2879
	6. Sensitive and selective methods for determination of antipsychotic drug olanzapine in pharmaceuticals	Research on Chemical Intermediates	1568-5675	39 (6) 2629-2640
	7. Photocatalytic degradation of an azodye with ZnO nanoparticles.	American Institute of Physics AIP conference proceedings	0094-243X	243-244
	8. Determination of nimesulide in pharmaceutical and biological samples by a spectrophotometric method assisted with the partial least square method.	Indian Journal of Pharmaceutical Science	0250-474X	39/8 3553-3563
	9. Spectrophotometric analysis of trichloroethylene in various environmental and biological samples	Research on Chemical Intermediates	1568—5675	39,8,3867-3875
2012	10. Solid phase extractive Spectrophotometric determination of some sulfa drugs	Asian Journal of Pharmaceutical and Clinical Research	0974-2441	5,2,
	11. A Catalytic kinetic Spectrophotometric determination of organophosphorus pesticides in vegetable samples.	J.Braz.Chem. Society.	0103-5053	23,2,322-327,
2011	12. Spectrophotometric determination of lumivudine in pharmaceutical products and biological Samples.	978-93	81583-41	1-5
	13. Kinetic spectrophotometric determination of methyl parathion in water and vegetable samples.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy.	0103-5053	101, 54-58
2008	14. A spectrophotometric determination for the trace Amount of benzene in various environment samples.	Chem. Environ. Research	0971-2151	(3&4)
2007	15. Mandeep khol caves-A Classical site of karst Topography, Rajnandgav District, Chhattisgarh, India.	Ultra Science	0970-9150	19(1), 153-155

	16. Mandeep khol caves-Natures wonder in Rajnandgaon district of Chhattisgarh India.	J. Current Science	2322-5009	10(2) 757
2006	17. Study of Fluctuation of Ground Water level in Somni stream watershed, Patan Block, Durg District Chhattisgarh.	J. Current Science	2322-5009	9(1): 367-370
	18. Seasonal Variation in Ground Water Quality in Upper part Block, Durg District, Chhattisgarh.	Nature Environment and Pollution Technology,	0792-6268	5(1)111-117, 2006
2004	19. A Simple Spectrometric method for determination of Nicotine in environmental samples.	J. Chinese Chemical Society	0717-9707	51, 949-953
2003	20. A Simple sensitive Spectrophotometric method for determination of dichlorvos in environmental samples.	Indian Journal of Chemical Technology	0975-0991	10, 96-98
	21. Determination of Thallium by starch Iodide method and its application in Environmental Samples.	J. Chinese. Chemical Society	0717-9707	50, 399-402
	22. Determination of carbon Disulphide in Enviromental samples using Leucocrystal Violet.	Chemical Environmental Research	0971-2151	12, (2 & 3)
2002	23. Simple and sensitive spectroscopic method for the determination of Benzene in environmental samples.	J. Indian Chemical Society	0019-4522	79, 633-634
	24. Thin layer chromatographic separation and determination of widely used Herbicide and related compounds via hydrolysis and oxidative coupling.	Chemical Environment Research	0971-2151	11 (1 & 2)
2001	25. Determination of ethylene glycol in Environmental samples.	Chemical Environment Research.	0971-2151	10 (1 & 2)

12. Seminar/Symposia/Workshops attended during the last five years :

Year	Topic of workshop/Seminar/Symposia/Conference	Date
2015	1. International conference on futuristic materials and emerging trends in forensic and life science. RTM Nagpur	5-7 Feb. 2015
	2. International conference on status of Science and Technology in Chhattisgarh state. BIT Durg	19-20 March 2015
	3. National Seminar on Green Chemistry. Bhilai Mahila Mahavidyalay	28-29 Oct. 2015
	4. National seminar on Recent trends in material science. Govt. Naveen Girls College Raipur	6 Aug.2015
2014	5. National conference on recent trends in chemical science. Pt. Ravishankar Shukla University Raipur.	23-25 Jan. 2014
2013		

2012	6. National workshop awareness towards a holistic management of environment, Govt. Naveen Girls College Raipur. UGC Spon.	7-Aug.2012
2011	7. Effect of pollutants on Global Health. Shri Shankaracharya College Bhilai	11-12 Nov. 2011
	8. National Seminar on Emerging trends in chemical science. Kalyan PG. College Bhilai	18-19 Nov. 2011
	9. National Seminar on recent trends in chemical sciences and future prospects. Govt.V.Y.T.PG.Auto. College Durg	11-12, Oct. 2011

Other Recognitions :

- Chairperson, Board of Studies, Durg University, Durg(CG).
- Life member Indian Chemical Society
- Life Member of 'Indian Science Congress Association'.
- Member board of Studies of Biochemistry, Kalyan PG College, Bhilai (CG).
- Member, Board of studies, Chemistry, Govt. DB Girls PG College, Raipur (CG)
- External IQAC member at BMM Girls College, Bhilai(CG)
- Reviewer and Subject Expert.