

CURRICULUM VITAE

Name : **Dr. AJAY GUPTA**

Father's Name : Late Shri. Ram Kumar Gupta

Date of Birth : 16.06.1971

Qualification : M.Sc., Ph.D, NET-JRF (CSIR),
NET (A.S.R.B)

Field of Specialization : Organic Chemistry

Marital Status : Married

Hobbies : Travelling new sites, Singing , Reading books , Playing Chess.

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Academic Qualifications:

Examination Passed	Year of passing	Board/university	Subjects	Specilization	Div.	%age
High School	1985	U.P.Board	Hindi,Eng,Sci,Social Sci,Maths,Bio.	-	I	61.83
Inter mediate	1987	U.P.Board	Hindi,Eng,Phy,Chem, Bio.	-	I	65.40
B.Sc.	1990	C.C.S. Univ. Meerut	Zoology,Botnay Chemistry	-	I	70.49
M.Sc.	1992	C.C.S. Univ. Meerut	Chemistry	Organic Chemistry	I	69.55
NET-JRF	1994	C.S.I.R.	Chemistry	-	-	-
NET-ARS	1995	A.S.R.B.	Organic Chemistry	-	-	-
Ph.D.	1999	AMU, Aligarh	Chemistry	Analytical Chemistry	-	-

Teaching Experience: 20 years

1. Worked as Lecturer (Leave Vacancy) in Chemistry at S.D(P.G.) college, Muzaffarnagar w.e.f. 11.4.2000 to 7.11.2001.
2. Worked as Senior Lecturer in Chemistry at G.E.I.T, Dehradun (Deemed university) w.e.f. 7.11.2001 to 30.7.2005.
3. Worked as Lecturer (S.F) in Chemistry at J.S. Hindu P.G.College, Amroha (J.P.Nagar) w.e.f. 27.2.2006 to 30.11.2006.
4. Worked as Lecturer (Contract) in Chemistry at Kashi Naresh Government (P.G) College , Gyanpur (Sant Ravidas Nagar) w.e.f. 1.12.2006 to 10.9.2009.
5. Worked as Assistant Professor in Chemistry at G.L.A Institute of Technology and Management , Mathura w.e.f. 14.9.2009 to 31.5.2010.
6. Worked as Assistant Professor of Chemistry at S.R.C.P.S,Jhansi from 15.7.2010 to 4.9.2017, as Associate Professor of Chemistry from 5.9.2017 to 4.9.2020_and now working as Professor of Chemistry at S.R.C.P.S.Jhansi from 5.9.2020 to till date.

Research Experience:

Awarded J.R.F and S.R.F for five years (1994-1999) from C.S.I.R, New Delhi after qualifying NET - JRF Examination in 1994 and completed my Ph.D from A.M.U,Aligarh in 1999.The topic of my Ph.D thesis is "***Separation, Identification and determination of substances using T.L.C, Ion-exchange and Electro-chromatography .***"

<u>Field of Research</u>	: Analytical Chemistry
<u>Number of Research Papers Published</u>	: Ten
<u>Number of Research Papers Presented in Conferences</u>	: Two
<u>Number of Workshops Attended</u>	: Five
<u>Number of Book Published</u>	: One
<u>Membership of Professional Bodies</u>	: I.S.T.E, I.S.A.S.
<u>Registration as a Ph.D guide in University</u>	: J.J.T Univ.(Raj.)
<u>Member of Editorial Board in a Journal</u>	: TMU Journal of Basic and Applied Chemistry

(A) Research Papers Published:-

1. A.Gupta & P. K. Agarwal , "Lipid constituents from *Artemisia nilagirica* : A GC - MS investigation", *Indian Journal of Chemistry*, Vol.36-B, P. 453-455 (1997). (I.F – 0.648)
2. A.Gupta & S.A. Nabi, "Paper electrophoretic separation of phenolic compounds with acetate and citrate buffer electrolytes : Determination of some important phenolic compounds in blood", *Acta Chromatographica (Poland)*, Vol.8, P. 162-174,(1998). (I.F – 1.109)
3. A.Gupta & S.A.Nabi, " Paper electrophoretic separation of some common pesticides : Determination of Monocrotophos,Rogar and Malathion in soil samples", *Journal of Environmental Science & Health (Part-B)(U.S.A)*", Vol.34-B(2), P. 239-254 (1999). (I.F – 1.119)
4. A.Gupta & S.A.Nabi, "Chromatographic separation of metal ions on a Congo Red sorbed macroporous resin" *Annali Di Chimica (Italy)*, Vol.89, P. 419-426(1999). (I.F – 0.99)
5. A.Gupta & S.A.Nabi , "Thin layer chromatographic separation of some common pesticides on mixed stannic oxide-silica gel-G layers", *Acta Chromatographica(Poland)*, Vol.12,P.201-210 (2002). (I.F – 1.109)
6. A.Gupta & A.Singh , "Kinetic study of solvating power of dipolar protic solvent on an ion dipolar reaction of alkali catalyzed hydrolysis of caproate esters", *Napier Indian Advanced Research Journal of Science*, Vol.4, P. 77-82 (2010). (I.F – 0.521)
7. A.Gupta & S. A.Nabi, "TLC separation of nitrophenones on polar adsorbents", *International Journal of Chemistry and Applications(IJCA)*, Vol.5(1), P. 61-71 (2013). (I.F - 0.814)
8. A.Gupta & J.Dassani, " TLC separation of cephalosporins on stannic arsenate layers", *International Organization of Scientific Research-Journal of Applied Chemistry(IOSR-JAC)*, Vol.4(6), P. 5-10 (2013). (I.F-0.694)
9. A.Gupta, "Chromatographic separation of phenolic compounds on thin layers of stannic oxide : Determination of Salicylic acid in drug samples, " *International Journal for Research in Applied Science and Engineering Technology(IJRASET)*", Vol. 2(V), P. 499-506 (2014). (I.F-3.943)
10. V.K.Singh, Ajay Gupta and Suman Shekhar, " Kinetic studies of acid hydrolysis of amyl methanoate formate in binary solvent mixture and effect of solvent on activation

parameters”, *TMU Journal of Basic and Applied Chemistry*, Vol.-1(January-December), P. 33-42.(2021).

(B) Research Papers Presented in Conferences:-

1. “Selective chromatographic separation of Hg (II) and Zr (IV) from other heavy metals on Congo red sorbed macroreticular anion exchange resin” in International Conference on Chemistry, Industry and Environment (ICCIE) on 9-11 February (1998) at A.M.U, Aligarh.
2. “Chromatographic separations of pesticides on stannic oxide-silica gel G layers” in XIII ISAS National Symposium on Analytical Techniques-2001 (INSAT) on 24-25 November (1998) at I.I.Sc., Bangalore.

(C) Workshops /Seminars Attended:

1. Attended a 7 days workshop “34th IANCAS National Workshop on Radiochemistry and Application of Radioisotopes.” on 8-15 February,1999 at A.M.U, Aligarh.
2. Attended a “ Cyber Security Workshop organized by Innovative Ideas Infotech Society “ in association with UPTU and U.P Police from 15-16 September 2015.
3. Attended in a 3 days workshop “ Engineering Faculty Workshop of Wipro’s Mission 10 X” on 2-4 December 2015 at S.R Group of Institutions, Jhansi.
4. Participated in a 5 days Faculty Development Programme on “ Development in Sustainable Energy and Environmental Protection “ organized by Department of Chemical Engineering, BIET, Jhansi from 27-31 March , 2017 held under the aegis of World Bank TEQIP-II .
5. Participated in a 5 days Faculty Development Programme on “ Industrial Pollution Abatement and Waste Management “ organized by Department of Chemical Engineering, BIET, Jhansi from 19-23 February, 2018 held under the aegis of World Bank TEQIP-III .

(D) Book Published:

1. Published a book entitled “ **Vishal Screening Chemistry for I.I.T** ” (Vishal Publications, Meerut) written by Dr. AJAY GUPTA & G.R. VERMA in 2000.

(Dr. AJAY GUPTA)

