

## A.N. COLLEGE, PATNA

1. Name : Dr.(Mrs.) Anju Kumari Gupta
2. Designation : Associate Professor
3. Qualification : M.Sc., Ph.D.
4. (i) Contact number(s) : 9931686971  
(ii) E-mail:
5. Field of specialization: Organic Chemistry
6. International Exposure (International Conferences/Seminars attended, Academic Collaboration):

Sl. No.	Particulars of the programme attended	Date	Place of the programme	Whether presented any paper? If so, title mentioned

### 7. Details of Inter-disciplinary Research

### 8. Membership of Academic Bodies/Professional Bodies/Associations :-

Name of the Academic Body/Professional Body/Association	Life member/Annual member	Year
1. Indian Science Congress Association	Life Member	1993
2. Association of Chemistry Teachers	Life Member	2011
3. Indian Chemical Society	Applied	

9. Research Activities (from November, 2011 – till date) :

i. Research papers published:

Sl. No.	Title of the paper	Name of Journal	ISSN No.	Volume & No.	Page No.s	Year
1.	Neutral complexes of Rhodium(III) and Iridium (III) with isonitrosoacetyl acetone and isonitroso benzoylacetone	Acta Ciencia Indica	0253-733X	Vol. XXXI C(2)	105	2005
2.	Mixed ligand complexes of copper glycinate with picolinic acid, quinaldinic acid, picolinic acid-N-oxide and quinaldinic acid-N-oxide.	Oriental Journal of Chemistry	0970-020X	Vol. 21(2)	287-290	2005
3.	Mixed ligand complexes of copper glycinate with o-nitro phenol, 2,4-dinitro phenol, 2,4,6-trinitrophenol and 1-nitroso-2-naphthol.	Oriental Journal of Chemistry	0970-020X	Vol. 21(3)	583-586	2005

4.	Mixed ligand complexes of nickel glycinate with picolinic acid, quanildinic acid, picolinic acid-N-oxide and quanaldinic acid-N-oxide.	Oriental Journal of Chemistry	0970-020X	Vol. 21(3),	555-558	2005
5.	Alkaline earth metal complexes: Mixed ligand complexes of alkaline earth metal chelates of some organic acids with naturally occurring substrate	Acta Ciencia Indica	0253-733X	Vol. XXXII	15-18	2006
6.	Alkaline earth metal complexes: Mixed ligand complexes of alkaline earth metal chelates of hydroxy quinones with 1,10-Phenanthroline	Acta Ciencia Indica	0253-733X	Vol. XXXII	19-22	2006

7.	Binuclear complexes of Cu(II) & Ni(II) Schiff base of Salicylaldehyde and 1,2-Propylenediamine with alkali metal salts of oxygen & nitrogen containing organic acids.	J. Indian Chemical Society	0019-4522	Vol. 85	252-256	2008
8.	Mixed ligand complexes of silver(I) metal salts of some organic acids with 2-nitroso-1-naphthol.	Acta Ciencia Indica	0253-733X	Vol. XXXIV C	1,19	2006
9.	Mixed ligand complexes of silver(I) metal salts of some organic acids with 8-Hydroxy quinoline (oxine).	Acta Ciencia Indica	0253-733X	Vol. XXXIV	1,61	2008
10.	Complexes of Cr(III), Mo(VI), & W(VI) with N & S containing ligand (Thio semicarbazide)	Acta Ciencia Indica	0253-733X	Vol. XXXIV C	3,367	2008

11.	Synthesis, spectral characterization and antimicrobial studies of some new binuclear complexes of Cu(II) & Ni(II) Schiff base.	J. Indian Chemical Society	0019-4522	Vol. 86	1257-1261	2009
12.	Synthesis, spectral characterization and antimicrobial studies of Schiff base hetero binuclear complexes of Rb <sup>I</sup> and Cs <sup>I</sup>	J. Indian Chemical Society	0019-4522	Vol. 88	795-799	2011
13.	Synthesis and characterization of some novel hetero binuclear schiff base complexes	J. Indian Chemical Society (communicated)	0019-4522			
14.	Investigation of some schiff base hetero binuclear complexes of Cu(II) and Ni(II) with organic chelates of Ag(I)	J. Indian Chemical Society (communicated)	0019-4522			

ii. Chapter in book published:

Author(s)	Title of the chapter	Name of the book	ISBN No.	Volume No. (if any)	Page No.s	Year of publication

iii. Details of Ph.D. produced:

Name of the scholar	Topic	Name of the guide(s)	University registered	Date of award of the degree
1. Avnisha Dev	Studies on chromanone derivatives in relation to natural products	Dr.(Mrs.) Anju K. Gupta	Magadh University	09/08/2004
2. Shankar Kumar	Synthesis & Characterisation of mixed ligand complexes of Sn(II) & Pb(II) metals	Dr.(Mrs.) Anju K. Gupta	Magadh University	15/11/2008

iv. Details of Ph.D. students registered:

Name of the scholar	Topic	Name of the guide(s)	University registered	Date of registration	Status Working/submitted

v. Books published:

Author(s)/Editor(s)	Name of the Book	Name & Address of the Publisher	ISBN No.	Year of Publication
D. Prakash & A. Prakash	Numerical Problems in Chemistry	Popular Book Stores, Patna	81-85534-04-7	1997

vi. Research Projects: (i) completed -

(ii) working -

Title of the Project	Major/Minor	Period (from to)	Name & address of the institution sponsoring the project	Amount Approved	Status

vii. Research Fellowships: National/International – (a) Doctoral :

(b) Post Doctoral :

viii. Any Academic Award/Research Award :

10. Conferences/Seminars/Workshop etc. organized/& attended (from November, 2011 - till date) :

(a) Conferences/Seminars organized –

Sl. No.	Particulars of the programme organized	Date	Venue of the Programme	Acting as

(b) Conferences/Seminars attended –

Sl. No.	Particulars of the programme organized	Date	Venue of the Programme	Acting as
1.	National Seminar on “Plastic Waste-A Hazard to Environment, A Boon for Road Strength”	2008	College of Commerce, Patna	

2.	National Symposium on Green Chemistry: Key to Life	2011	Department of Chemistry, Magadh Mahila College, Patna University, Patna	
3.	11 <sup>th</sup> National Convention of Chemistry Teachers [NCCT-2011] and National Seminar on "Emerging Trends In Green Chemistry".	2011	A.N. College, Patna	
4.	National Seminar on "ICT in Rural Governance in India: Theory and Practice"	2012	Department of Chemistry and Physics, Government Women's College, Gardanibagh, Patna	
5.	Science and Technology an Indigenous Development in India.	2016	Patna	

(c) Workshop/Courses attended :- (i) Workshop attended = 2

(ii) Refresher Course attended = 3

(iii) Orientation Course attended = 1



Sl. No.	Course Attended	Period		Place
		From	To	
1.	Orientation course in Chemistry	1999		Academic Staff College, P.U.
2.	Refresher Course in Chemistry	1999		Department of Chemistry, P.U.
3.	Refresher Course in Chemistry	2005		Magadh Mahila College, P.U.
4.	Refresher Course in Chemistry	2007		Department of Chemistry, P.U.
5.	Workshop on “Micro Scale Techniques in Experimental Chemistry”	2011		Department of Chemistry, AN College, Patna
6.	Workshop on “Environment Protection Through Appropriate Technology & Management”.	2012		Department of Environmental Sciences, A.N. College in collaboration with NEERI-CSIR

11. Co-curricular/Extension activities:

12. Any other information :-