

RESUME



Personal Information

Name: -	Dr. RAUT MAHANANDA AMBADAS
Employee Code:	2711002172
Date of Birth:	07/05/1975
Joining Date: -	15/06/2009
Department: -	DEPARTMENT OF CHEMISTRY
Designation: -	PROFESSOR
Category: -	OBC
Gender: -	Female
Mobile No: -	7666403736
Email: -	mahanandaraut@yahoo.in
Blood Group: -	AB+
Current Address: -	Santram S. Gorde c/o Raut mahananda Ambadas Yashwant Nagar, Court Road, Paithan-431 107, Dist. Aurangabad
Permanent Address: -	G4 Sara Harmony near Woodridge high school Kanchnwadi, Aurangabad-431 005

Academic Qualifications: -

Examination	Name of the Board/ University	Year of Passing	Percentage of Marks Obtained	Division / Class/ Grade	Subjects
SSC	Aurangabad division	1989	69.28 %	First	Mar., Hin, Eng, Sci. Maths, Social Sci.
HSC	Aurangabad division	1991	65.50%	First	Mar., Eng., Phy., Math, Chem., Bio.

UG	Dr. BAMU Aurangabad	1994	63.29%	First	Mar., Eng., Chem., Bot., Zoo.
PG	Dr. BAMU Aurangabad	1996	56.25 %	B+	Chemistry
NET	—	—	—	—	—
SET	—	—	—	—	—
B. Ed.	Dr. BAMU Aurangabad	1997	57.70%	B+	Science, Math

Research Degree (s)

Degrees	Title	Date of award	Name of University
M. Phil	“Densities and Viscosities of some alcohols and binary mixtures by adding some organic drugs”	17/04/2008	Madurai Kamraj University
Ph. D	Synthesis and physicochemical studies of metal complexes of some biologically active ligand	25/10/2017	Dr. Babasaheb Ambedkar Marathwada university, Aurangabad

Appointments held prior to Joining this Institution

Sr. No.	Designation	Name of Employer	Date of Joining	Date of Leaving	Reason of leaving if any
1	Lecturer	Balbhim College Beed	2000	2002	Leave Vacancy
2	Lecturer	Balbhim College Beed	2003	2004	Temporary job
3	Lecturer	Deogiri College, Aurangabad	2005	2006	Temporary job
4	Lecturer	Shivchatrapati College, Aurangabad	2005	2006	Temporary job
5	Lecturer	MSP's Vinayakrao Patil Mahavidyalaya, Vaijapur	28-07-200 Contract Basis 17/04/2008 Full time	14-06-2009	Contract Regular from M.Phil.

Posts held after Appointment in this Institution: -

Designation	Department	Date of Joining	
		Form	To
Assistant Professor	Chemistry	15/06/2009	Till Date
Teaching and Research Experience:-			
Sr. No.	UG	PG	Research Experience
1	16	08	16

Fields of Specialization under the Subject / Discipline –				
Degree	Specialization			
U.G	Biology Group			
P.G	Inorganic Chemistry			
M. Phil.	Physical Chemistry			
Ph.D.	Synthesis of metal Complexes			
Orientation / Refresher Course/ FDP/ MOOC/ Attended-				
Sr. No	Title of the Course	Place	Date and Duration (Period)	Name of Organizer
1	90 th Orientation course	01/02/2012 to 29/02/2012	01/02/2012 to 29/02/2012	Academic Staff college, Dr. B.A. M. U. Aurangabad.
2	Refresher course in Environmental studies(ID)	05/08/2013 to 26/08/2013	05/08/2013 to 26/08/2013	Academic Staff college, Dr. B.A. M. U. Aurangabad.
3	Refresher course in Environmental studies(ID)	03/03/2018 to 22/03/2018	03/03/2018 to 22/03/2018	Academic Staff college, Dr. B.A. M. U. Aurangabad.
4	Short term course on Workshop on Moocs ,e- content Development &open educational Resources	24/02/2020to 29/02/2020	24/02/2020 to 29/02/2020	Academic Staff college, Dr. B.A. M. U. Aurangabad.
5	Short term course on Communication and soft Skills	01/02/2021to 06/02/2021	01/02/2021 to 06/02/2021	Academic Staff college, Dr. B.A. M. U. Aurangabad.

Involvement in University Work- Management Council/Academic Council/BOS / Syllabus Restructuring/Paper Assessment/Paper Setting/ Examination related Duties/Any other:-

Sr. No	Name of Activity	From Date	To Date
1	Paper Assessment	Every year/Sem	
2	Paper Setting	Every year/Sem	
3	Examination related Duties	Every year/Sem	
4	Redressal Work	Every year/Sem	
5	External Examiner For Practical's	Every year	
6	JCS	Oct/Nov2018, 2019,	
7	Flying Squad	01/02/19 to 06/02/19 23/10/18 to 22/11/18 05/12/23 to 12/12/23 01/04/23 to 10/04/23 11/04/23 to 15/04/23 16/05/23 to 25/05/23	

Involvement in College Work/Committees:

Sr. No	Name of Activity	From Date	To Date
1	Admission Committee	Every year	
2	Member of Women's Anti-sexual harassment committee and NAAC Related activities	2017	Till date
3	Member of Anti-ragging committee and NAAC Related activities	2017	Till date
4	Member of Discipline committee and NAAC Related activities	2017	Till date
5	Member of Audit Automation of Library committee and NAAC Related activities	2024	Till date
6	Member of Research committee (Science Faculty) For the Submission of MRPs/ Conferences and Seminar Proposals to UGC and NAAC Related activities	2024	Till date

7	Member for criterion-wise inputs for the Preparation of AQAR and SSR for NAAC(Criteria No. V : Students Support and Progression)	2024	Till date
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Research Papers published in Peer Reviewed / UGC listed/ UGC care listed Journals:

Sr. No.	Title of paper	Journal Name, Page No, Vol. No., Year of Publication	ISSN/ ISBN No.	Impact Factor, if any	Link if any
1	PREPARATION AND PROPERTIES OF BINUCLEAR SCHIFF BASE COMPLEXES OF FE(II) ZN(II)AND MN(II) INTER – COMPLEX REACTION pp.5-14	International Science Journal	2348–604X(p)		
2	PREPARATION AND PROPERTIES OF DINUCLEAR SCHIFF BASE COMPLEXES OF CO(II) , MN (II) AND ZN VIA INTER – COMPLEX REACTION. pp4-12	International Science Journal	2348–604X(p)		
3	Preparation and Properties of Homo and Heterodinuclear Schiff Base Complexes of Cu (II) and Ni (II) by Inter-Complex Reaction.pp298-305	International Journal of Chem Tech Research	0974 - 4290		
4	Preparation and Properties of binuclear Schiff Base Complexes of Ni(II) Cu(II)and Co(II) Inter –complex Reaction	International Journal Of Universal Print	2454-7263		
5	Preparation and Properties of Binuclear Schiff base Complexes of Fe(II), Zn(II) and Mn(II)-Inter Complex reaction.,	Der Pharma Chemica			
6	PREPARATION AND PROPERTIES OF BINUCLEAR SCHIFF BASE COMPLEXES OF FE (II) ZN(II)AND MN(II)INTER – COMPLEX	World Journal of Pharmaceutical Research	2277– 7105	8.074	
7	PROPERTIES OF BINUCLEAR SCHIFF BASE COMPLEXES OF MN (II) FE (II) AND ZN(II)INTER-COMPLEX REACTION	World Journal of Pharmaceutical Research	2277– 7105	8.074	
8	SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL STUDIES OF TRANSITION METAL COMPLEXES OF ONO CHELATING SCHIFF BASE HYDRAZONE LIGAND (E)-N'-(1-(4-HYDROXY-1-METHYL-2-OXO-1,2-DIHYDROQUINOLIN-3- YL)ETHYLIDENE)-4-METHOXY BENZOHYDRAZIDE	World Journal of Pharmaceutical Research	2277– 7105	8.074	
9	SYNTHESIS,CHARACTERIZATION,ANTIBACTERIAL AND ANTIFUNGAL STUDIES OF BINUCLEAR METAL COMPLEXES OF ZN(II)FE(II) AND MN(II) VIA INTER-COMPLEX REACTION	International Journal of Advance and Innovative Research	2394 - 7780	7.36	
10	Synthesis, Characterization, Antibacterial And Antifungal Studies of Binuclear Metal Complexes of Cu (II) Ni (II)	International Journal of Chemical and	2319-6602		

	and Co (II) via Inter-Complex reaction	Physical Sciences			
11	PREPARATION AND PROPERTIES OF HOMO AND HETERODINUCLEAR SCHIFF BASE COMPLEXES OF Cu (II) AND Ni (II) BY INTER-COMPLEX REACTION	International Journal of Advance and Innovative Research	2394 - 7780	7.36	
12	PREPARATION AND PROPERTIES OF BINUCLEAR SCHIFF BASE COMPLEXES OF FE(II) ZN(II)AND MN(II)INTER -COMPLEX REACTION	International Journal of Advance and Innovative Research	2394 - 7780	7.36	
13	Synthesis, characterization, antibacterial and antifungal studies of binuclear metal complexes of Cu (II) Ni(II) and Co(II)Via Inter -complex Reaction	Journal Of Current Pharma research	2230-7842		
14	Antibacterial Screening of homo and heterodinuclear Schiff Base Complexes Of Zn(II), Mn(II), Fe(II), Cu(II), Ni(II)), Co(II) Derived from 2 -Amino 3 -Hydroxy Pyri dine and 2-hydroxyl 1- Naphthaldehyde	Our Heritage	0474-9030	4.912	
15	Synthesis, Characterization, Antibacterial And Antifungal Studies Of HeteroBinuclear Metal Complexes Of Cu (II) Ni(II) And Co(II) Via Inter- ComplexReaction	Our Heritage	0474-9030	4.912	
16	Preparation And Properties Of Binuclear Schiff Base Complexes Of Mn (II) Fe (II) And Zn(II)Inter -Complex Reaction	Our Heritage	0474-9030	4.912	
17	Synthesis, Characterization And Biological Studies Of Mn(II) Transition Metal Complex Derived From (E)-3-(1-(2-(Benzo[D]Thiazol-2yl)Hydrazono)Ethyl)-1-Ethyl-4-Hydroxyquinolin-2(1H)-One HydrazoneSchiff Base Ligand.	Our Heritage	0474-9030	4.912	
18	Synthesis, Characterization, Antibacterial And Antifungal Studies Of Hetero Binuclear Metal Complexes Of Zn(II) Fe(II) And Mn(II)Via Inter -Complex Reaction	Our Heritage	0474-9030	4.912	

19	Synthesis, Characterization and Biological Study of Schiff Base hydrazone Complexes from Dehydroacetic Acid and 4-Bromobenzohydrazide with Fe(III), Co(II), Ni(II), Cu(II), Zn(II) Metals	Journal of Chemistry and Chemical Sciences	2319-7625		
20	Synthesis, Characterization and Antimicrobial Activity of Schiff Base Derived From Dehydroacetic Acid and Isonocotinic Acid Hydrazide And Its Fe(III), Co(III), Ni(II), Cu(II), Zn(II) Metal Complexes.	IJSART	2395-1052		
21	ANTIFUNGAL SCREENING OF HOMO AND HETERODINUCLEAR SCHIFF BASE COMPLEXES OF Zn(II), Mn(II), Fe(II), Cu(II), Ni(II)), Co(II) DERIVED FROM 2-AMINO 3- HYDROXY PYRIDINE AND 3-ETHOXY SALYSIALALDEHYDE.	Journal of Global Resources	2395-3160		
22	ANTIBACTERIAL SCREENING OF HOMO AND HETERODINUCLEAR SCHIFF BASE COMPLEXES OF Zn(II), Mn(II), Fe(II), Cu(II), Ni(II)), Co(II) DERIVED FROM 2- AMINO 3- HYDROXY PYRIDINE AND 3-ETHOXY SALYSIALALDEHYDE.	Journal of Global Resources	2395-3160		
23	Synthesis, characterization, antibacterial and antifungal studies of Hetero binuclear metal complexes of Cu (II) Ni(II) and Co(II) Via Inter –complex Reaction	ESMSJournal	2247-2479		
24	Antimicrobial, TG-DTA, X-ray Studies of Novel Zn(II), Cu(II), Ni(II) and Co(III) Metal Complexes Derived from 1-ethyl-3-acetyl-4-hydroxy-2(1H)-Quinolone Derivative	Journal of Interdisciplinary and Multidisciplinary Research (JIMR)	1936-6264	8.886	
25	Preparation and Properties of binuclear Schiff Base Complexes of Ni(II) Cu(II) and Co(II) Inter –complex Reaction	ScienSage journal			
26	Antifungal Screening of homo and heterodinuclear Schiff Base Complexes Of Zn(II), Mn(II), Fe(II), Cu(II), Ni(II)) and Co(II) Derived from 2-Amino 3-Hydroxy Pyridine and 2- hydroxyl 1-Napthaldehyde	Journal of Global Resources	2395-3160		
27	OXIDATION OF L-THREONINE BY TRIBUTYLAMMONIUM CHLOROCHROMATE IN ACID MEDIUM: A KINETIC AND MECHANISTIC STUDY	Journal of the Maharaja Sayajirao University of Baroda	0025-0422		
28	Synthesis, Characterization and Biological Study of Ni(II) Metal Complex of Hydrazone Schiff Base Ligand	International Journal of Innovative Research in Science, Engineering and Technology	2319-8753, p- 2320-6710	7.512	

29	Preparation and Properties of binuclear Schiff Base Complexes of Cu (II) Co(II)and Ni(II) Inter-complex Reaction	International Journal of Innovative Research in Science, Engineering and Technology	2319-8753, p- 2320-6710	7.512	
30	Synthesis, Characterization And Biological Study Of 3-Acetyl-4-Hydroxy-1-Methyl-2(1 <i>H</i>)-Quinolone Hydrazone Based Cu(II) Metal Complex	International Journal of Innovative Research in Science, Engineering and Technology	2319-8753, p- 2320-6710	7.512	
31	ANTIFUNGAL SCREENING OF HOMO AND HETERODINUCLEAR SCHIFF BASE COMPLEXES OF Zn(II), Mn(II), Fe(II), Cu(II), Ni(II)) AND Co(II) DERIVED FROM 2-AMINO 3-HYDROXY PYRIDINE AND 2- HYDROXYL 1- NAPHTHALDEHYDE	Journal of the Maharaja Sayajirao University of Baroda	0025-0422		
32	FE (III) TRANSITION METAL COMPLEX OF HYDRAZONE SCHIFF BASE LIGAND DERIVED FROM 1-ETHYL-4-HYDROXY-QUINOLINE-2(1 <i>H</i>)-ONE AND 1-ETHYL-2-HYDRAZINO BENZOTHAZOLE ITS SYNTHESIS OF CHARACTERIZATION AND ANTIMICROBIAL STUDIES.	Journal of the Maharaja Sayajirao University of Baroda	0025-0422		
33	Synthesis, Physicochemical and Biological Studies of Chromium (III) Metal Complex	International Journal of Scientific Research in Science, Engineering and Technology	2394-4099		
35	Green Approach in the Synthesis of Substituted Imidazole	International Journal of Scientific Research in Chemistry	2456-8457		
36	Preparation and Properties of binuclear Schiff Base Complexes of Cu(II) Co(II)and Ni(II) Inter - complex Reaction	International Journal of Scientific Research in Science and Technology	2395-602X		
37	Synthesis, Spectroscopic Characterization and Antimicrobial Activity of Imidazole Derivatives	International Journal of Scientific Research in Chemistry	2456-8457		
38	Synthesis and Evaluation of Imidazole Derivatives for Antimicrobial Activity	International Journal of Scientific	2456-8457		

		Research in Chemistry			
39	Synthesis, Characterization and Antibacterial Activity of Imidazole Derivatives	International Journal of Scientific Research in Chemistry	2456-8457		
40	Synthesis and Antibacterial Activity of Some Imidazole-(1H) Derivatives	International Journal of Scientific Research in Chemistry	2456-8457		
41	Imidazole : Having Versatile Biological Activities	International Journal of Scientific Research in Chemistry	2456-8457		
42	Kinetics of Oxidative Determination and decarboxylation of L-Lysine by Tributylammonium Chlorochromate in Acid Medium	International E-Research Journal	2348-7143		
43	In-vitro evaluation of Antibacterial Activities of ZnO and NiO Nanoparticles against Gram-Positive and Gram -Negative Bacteria	Journal of Interdisciplinary and Multidisciplinary Research (JIMR)	1936-6264	8.886	
44	A Review on Synthesis of Azoles	International Journal for Research in Applied Science & Engineering Technology	2321-9653		
45					

Publications (Books/ chapters in Books/Editor of Book):

Sr.No	Publication Type (Books/ chapters in Books/Editor of Book)	Title of Book / Chapters	Publishers Name	Publisher ISSN/ ISBN No.	International/ National Publishers
1	Emerging trends in Basic and Applied Science Research	Preparation and Properties of binuclear Schiff Base Complexes of Co(II) Ni(II) and Cu(II) Via Inter –complex Reaction	Bright Sky Publications ISBN:978-93-92804-17-5	ISBN:978-93-92804-17-5	
2	Interdisciplinary Research in Science and Technology	Preparation and Properties of binuclear Schiff Base Complexes of Co(II) Ni(II) and Cu(II) Via Inter –complex Reaction	Empyreal Publishing house ISBN 978-81-949278-8-4	ISBN 978-81-949278-8-4	

3	Book	Synthesis and physicochemical studies of metal complexes of some biologically active ligands 1-199	Empyreal Publishing House	ISBN No. 978-81-949278-8-4-	International
4					
5					

Development of e-Content:

Sr.No	Name of e-Content Developed	Specify ICTs resources web link:
1	—	—

Research Guidance:

Sr.No	Degree	Name of Candidate Enrolled	Date of Registration	Thesis submitted Date	Degree awarded dates
1	M.Phil.	—	—	—	—
1	Ph.D.	Shivani Vinayak Raut	24/11/2021		
2	Ph.D.	Anju Maruti Garudkar	24/11/2021		
3	Ph.D.	Abasaheb Rangnath Padol	24/11/2021		
4	Ph.D.	Sunanda Manohar Jamdhade	24/11/2021		

Research Projects Completed/ On-going:

Sr.No	Title of Project	Sponsored agency	Date of Sanction	Date of Completion	Grant Received (Rs.)
1	—	—	—	—	—

Patents:

Sr.No	Title of Patent	Patent Number	Sponsored agency if any	Date of Award	International / National
1	—	—	—	—	—

Awards/ Fellowship:

Sr.No	Name of Awards/ Fellowship	Date of Received	International/ National	Name of Awardees Academic Body/ Association
1	—	—	—	—

**Research Paper Presentation in Seminars / Conferences/ Symposium:
and Resource Person:**

Sr.No	Title of Paper/ Presentation	Title of Seminars / Conference	Mode of Presentation(Paper Presentation / Resource Person)	Name of Organizer	Whether International (Abroad)/ International (Within Country)/ National/ State / University Level
1	Preparation and Properties of binuclear Schiff Base Complexes of Cu(II) Co(II)and Ni(II) Inter – complex Reaction	National Conference on Current Innovations in Chemistry,Physics& Mathamatics	Paper Presentation	Sunderrao Solanke Mahavidyalaya Majalgaon dist beed	National
2	Preparation and Properties of binuclear Schiff Base Complexes of Ni(II) ,Cu(II) Co(II)and Inter –complex Reaction	National Conference On recent development in Science	Poster Presentation	Sant Ramdas Arts, Commerce &Science college Ghansawangi, dist Aurangabad	National

Invited Lectures:

Sr.No	Title of Presentation	Date of Presentation	Name of Organizer	Whether International (Abroad)/ International (Within Country)/ National/ State / University Level
1	Female Foeticide		Dr.Archana Kachare	Online seminar
2	Thought's and Works of Indian Saint, Thinkers & Socials Reformers		Jalana College of Social Work Ramnager Jalna.	National Conference on "Thought's and Works of Indian Saint, Thinkers & Socials Reformers"
3	Current Innovations in Chemistry, Physics & Mathematics		Resource Person	National Conference on Current Innovations in Chemistry, Physics & Mathematics
4	"Invest in Women: Accelerate		Sunderrao Solanke Mahavidyalaya	National Level Webinar

Conferences Attended: -				
Sr. No.	Title of Conference	National/(International)/State/University	Place	Date
1	Innovation in Nanomaterials and Nanotechnology	National	Rajarshi Shahu Arts Commerce and Science College Pathri Tq. Phulambri Dist Aurangabad	21 st Jan 2027
2	Innovative Trends in Chemical Science	National	S.B.E.S. College of Science Aurangabad	14 th Feb 2018
3	Exploring New Horizons in Chemical sciences	International	Deogiri College Aurangabad	10 th , 12 th , Jan 2019
Any Other Extension Activity				
Sr. No.	Name of Activity	From Date	To Date	
1	FDP	12/08/2020	25/08/2020	
2	FDP	01/8/20	07/08/20	

3	Short term course on Communication and soft Skills	01/02/21	06/02/21
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UNDERTAKING

I Dr. Mahananda Ambadas Raut undertake that the information provided is correct as per records submitted by me to College / Institute / university and / or documents enclosed along with the duly filled PBAS Performa.

Place :Paithan

Date :08/02/25

Signature