

Faculty Information

Brief Profile of Faculty in Less than 500 words



Dr. M. Radhika is an Assistant Professor in the Department of Chemistry at Nizam College, Osmania University since 2013. She holds distinction degrees in B.Sc, M.Sc, and Ph.D in Chemistry from Osmania University, Hyderabad.

Dr. M. Radhika is a distinction candidate throughout her education. She was a SRF CSIR candidate during her research. She was awarded Ph.D in Bio-Inorganic Chemistry in the year 2001. Dr. M. Radhika had a distinct opportunity of teaching at both national and international level. She has 12 years of PG teaching, 2 years of UG teaching and 10 years of research experience. She has worked as Assistant Professor in New Horizon College of Engineering, Bangalore; as a guest faculty in Bangalore University; as a Lecturer in NMKRV College for Women, Bangalore. She has even worked at Cranbrook Primary School, London, U.K.

She has published 8 research papers in reputed National & International journals. She has presented research papers in National and International conferences. She is a life member of Indian Council of Chemists (ICC) and Indian Science Congress Association (ISCA), India. Her research mainly focuses on Bio-inorganic Chemistry, Catalysis, Zeolites, etc., She has successfully completed a BSR UGC Project.

Under her supervision 3 PG students have completed their dissertation work. Her research activities are funded by UGC, New Delhi, India. She has assisted PG students in Bangalore University in their project work. She is a member of several committees at Nizam College, including as a member of Women Empowerment Cell & course coordinator for Self Defence for Girl Students.

Faculty Information

Detailed CV



1. Personal Details

Name of the faculty	Dr. M.RADHIKA
Gender	FEMALE
Department	CHEMISTRY
PAN	ASK PM 3646 G
Designation	ASSISTANT PROFESSOR
Qualification	Ph.D
Date of Joining (Submit Appointment Letter)	16-9-2013
Date of Birth	25-11-1973
Category	BC-B
Mobile Number	9032841181
E-Mail Id	radhikamone@yahoo.com
Address	H.No. 3-10-26/9/B, R.T.C. Colony, Ramanthapur, Hyderabad -500013 Telangana, INDIA.

2. Academic details:

Degree	Qualification	Month and Year of Passing	Division	% of Marks	Univ/Board/ Institution with State
PG (M.A./M.Com/ M.Sc/M.Tech/ MBA/ MCA/Any other)	M.Sc (Inorganic Chemistry)	1996	First with Distinction	73.33	Osmania University
CSIR/UGC-NET /SELT/Any other	-	-	-	-	-
Any other	-	-	-	-	-
Research details	Title of Thesis			Month and Year of award	Univ/Board/ Institution with State
M.Phil	-			-	-
Ph.D	Interaction of metal ions with Biomolecules – Model for Zinc Fingers in Transcription Factor III A			December 19 th , 2001	Osmania University
Post Doctorial/ D.Sc./D.Litt.	-			-	-
Any other	-			-	-
*Please provide the scanned copies of certificates					

3. Teaching Experience: Total: >10yrs UG: 2yrs PG: > 8yrs

4. Academic Promotions:

Designation	Month and Year of Promotion
Associate Professor	-
Professor	-
* Please provide order copies	

5. Resource persons:

Guest Lectures/ Extension Lectures	No. of Lectures	Name of Program	Organization / Institution	Date and Year
-	-	-	-	-
-	-	-	-	-
* Please provide the certificates or letter of invitation				

6. Carrier Development Programs: Orientation Course/ Refresher courses/Short Term Course/Faculty Development Programme

Course attended	Institution /University	Title of the Professional Development Programme	Duration	
			From	To
Orientation Course	Academic Staff College, Osmania University, UGC	-	04.07.2014	02.08.2014
Refresher Course	Academic Staff College, Osmania University, UGC	Material Science	08.02.2017	01.03.2017
Refresher Course	Academic Staff College, Osmania University, UGC	Recent trends in Chemical Sciences and Technology	15.02.2018	08.03.2018.
* Please provide the certificates				

7. Research Details:

Research Experience (No. of years):	4-5 yrs
Area of research :	Bio-inorganic chemistry
Supervisor for M.Phil/Ph.D (Guideship Letter)	Enclosed
No of students working/Registered	Ph.D: - F: - M: -
No. of students with fellowship (JRF)	M: - F: - Total: -
No. of students with fellowship (SRF)	M: - F: - Total: -
No. of students with fellowship (Project fellow)	M: - F: - Total: -
No. of students with any other fellowship	M: - F: - Total: -
No of students working for M.Phil.	M: - F: - Total: -
No of students working as Post.docs.	M: - F: - Total: -
No of students working as RA	M: - F: - Total: -
No. of M.Phil/Ph.D. Produced	Ph.D: -- M.Phil:

	M:	F:	Total:	M:	F:	Total:
Name of Students awarded. M.Phil/Ph.D	Title of Thesis	Month and Year of Registration	Month and Year of Award			
1.	-	-	-			
2.	-	-	-			
* Please provide the list of students registered, along with their category and fellowship details						

National:

8.1 List of publications(## If possible use MS-Excel file which is attached as separate file)

[illegible]

9. List of Publication in Conference proceedings:

SNo	Title of Paper	Name of Conference	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1	Zeolite Encapsulated Gly-Ni(II)-His Complex : Synthesis and Characterisation	International Conference on 'Innovations in Commerce and Science' (ICICS – 2017)	International journal of research culture society	30-11-2017	2456-6683	International	Nizam College
2	-	-	-	-	-	-	-
* please provide the PDF or scanned copy of the articles along with ISBN no. and DOI							

10. List of Books Published:

S.No	Title of Book/Chapter	Edited/ Authored	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
* please provide the PDF or scanned copy of the first page along with ISBN no.							

11. Member on editorial board or referee for national/international

S.No.	Name of the Journal	Status on the editorial Board	ISSN Number	Periodicity of Publication	Month and Year of Inception of Journal	Impact factor
-	-	-	-	-	-	-
-	-	-	-	-	-	-
* Please provide the certificates or e-Copy of letter from editor or editorial board						

12. No. of Papers Presented in Conference/workshop/seminars: (Oral/Poster)

SNo	Title of the paper	Name of Conference/ workshop/ Seminars	Oral/Poster	Organized by	Date and year	State/National /International
1	Synthesis and Docking studies of BCL2 inhibitors involved in breast cancer	Recent applications in Medicinal & Material Devices	oral	Dept of Chemistry & Physics. Nizam College	2 nd july 2016	National

2	Docking studies of synthetic derivatives involved in Ischemic Stroke	Coniaps xx, 20 th International conference of International Academy of physical Sciences on “Recent advances in Physical Sciences and Future Challenges”	oral	Faculty of Science, Osmania University	July 14-16, 2017	International Conference
3.	Host (Nanocavity Zeolite –Y) Guest Zn(II) complex of Histidine, Glycine Flexible Ligand Synthesis and Characterisation	Materials for energy and environment – Its Development and Applications	Poster	Department of Physics, University college of Science, Osmania University and Telangana Academy of sciences	29 th to 30 th April, 2018	National Conference

13. Conferences/ workshop/ seminars/Training Program etc organized.

SNo	Name of the Seminar	International/ National/State/Univers ity/College level	Date	No. of papers presented	No. of Participants		Source of funding/ Sponsorin g Agency
					Nizam Colleg e	Other Institutions	

* Please provide the proof of organization and sanction letter for funding

14. Conferences/ workshop/ seminars/Training Program etc attended/participated.

S.No	Name of the Seminar attended	National/ Internation al	Duration		Organized by	Funded/ Not Funded	Fundin g agency	Amount
			From	To				
1	Nano, Bio and Material Sciences - ICONBMS-2014	Internationa l	January 8, 2014	January 10, 2014	Nizam College, Osmania University	-	-	-
2	Skill Development Program on Leadership - Sponsored by UGC	National	February 6, 2014		Research Development & Consultancy Cell (RDCC), Osmania University	-	-	-

3	Nature Inspired Initiatives in Chemical Trends - NIICT -2014	International	March 2, 2014	March 5, 2014,	CSIR-IICT, Hyderabad	-	-	-
4	Induction Programme	National	June 20, 2014	June 21, 2014	C-PACE & IQAC Osmania University	-	-	-
5	Workshop on “Computer Solution Tools in Engineering Education & Academic Research” ,	National	June 27 , 2014		Department of Chemical Engineering, U.C.T Osmania University	-	-	-
6	Orientation course by UGC,	National	July 4, 2014	August 8, 2014	Academic Staff College, Osmania University	-	-	-
7	One Day Seminar on Academia-Industry Interface	National	August 6, 2014,		Department of Chemistry, University College of Science, Osmania University	-	-	-
8	National Symposium on Recent Developments & Innovations in Chemical Sciences	National	March 18,2015		Telangana University	-	-	-
9	Seminar on Characterization of Materials	National	July 28, 2015		Nizam College Osmania University	-	-	-

10	Seminar on Advances in Chemical Sciences	National	August 27, 2015		Department of Chemistry, University College of Science, Osmania University	-	-	-
11	Orientation Programme on Research & Consultancy	National	Sep 23, 2015		Research Development & Consultancy Cell (RDCC), Osmania University	-	-	-
12.	Workshop on skill development	National	February 10, 2016		Nizam College, Osmania University	-	-	-
13.	Make in India (Supported by TSCOT & NCSTC)	National	Feb 29, 2016	March 1, 2016	Nizam College, Osmania University	-	-	-
14.	Reforms in Higher Education – Opportunities & Challenges	National	March 28-2016	March 29, 2016	Nizam College, Osmania University	-	-	-
15	Recent applications in medicinal & material devices	National	July 2, 2016		Nizam College, Osmania University	-	-	-
16	Recent advances in Chemical & material sciences	National	August 20, 2016	August 21, 2016	RGUKT – Basar	-	-	-
17	Faculty Development Program, “Building Teacher Effectiveness”	National	October 21, 2016	October 22, 2016	TASK, Hyderabad	-	-	-
18	Refresher Course in Material Science	National	Feb 8 th , 2017	March 1 st 2017	Academic Staff College, Osmania University . UGC	-	-	-

19	All India Womens conference on “Women’s Issues, Challenges and Opportunities”	National	March 3 rd , 2017	March 4 th , 2017	Women Empowerment Cell & CASH, Nizam College, O.U.	-	-	-
20	“Recent advances in Physical Sciences and Future Challenges”	International	July 14, 2017	July 16, 2017	Faculty of Science, O.U.	-	-	-
21	Workshop on Soft Skills	National	September 11 th , 2017	September 15 th , 2017	National Directorate of Placement Services, Osmania University.	-	-	-
22	Refresher Course in Recent trends in Chemical Sciences and Technology	National	15.02.2018	08.03.2018	Academic Staff College, Osmania University, UGC	-	-	-
* Please provide the certificates and sanction letter for funding								

15. Patents:

Total No. of Patents: __NIL__ No. of Patents applied: __NIL__ No. of Patents approved: NIL__

S.No	Month and Year	National/ International/ Commercialized	Country	Patent Information	Patent Filed/ Published /Granted	Patent Application no./Grant No.
1						
2.						
* Please provide the copy of patent publication and Patent grant orders						

16. Research Projects:

Total No. Projects: 1

Major: -

Minor: 1

Title/Name of Project	Major /Minor	Funding Agency	Amount Granted (in Rs. Lakhs)	Amount Received (in Rs. Lakhs)	Duration	Date and Year	Status – Completed /Ongoing/ Sanctioned/ Submitted
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Zeolite Encapsulated Transition Metal Complexes of Amino Acids : Green Synthesis, Spectroscopy & Catalysis	Minor	UGC	Rs. 6 Lakhs	Rs. 6 Lakhs	2 yrs	30 th March , 2015	Completed
* Please provide the scanned copy of sanction letter/ grant received orders/project closure orders							

17. Consultancy Projects: NIL

Name of the Consultant	Name of the Consultancy Project	Consulting/Sponsoring Agency with Contact Details	Month and Year	Funds earned/ Revenue generated during last five years (in Rs.)*
* Audited statement of accounts indicating the revenue generated through consultancy				

18. Collaboration activities for research: NIL

Title of the collaborative activity	Name of the Collaborating agency with contact details	Source of financial support	Month and Year of collaboration	Duration	Nature of activity
* Audited statement of accounts indicating the revenue generated through consultancy					

19. Students Projects:

Total No.of Student Projects Guided: 3

S.No	Name of the student	Course	Title of the Project	Duration of the Project	Month & Year of the Award
1	Devaraju Kodiganti	FYIC	Analysis of Water	6 months	June 2015
2	Lateef Sahib Thamer	M.Sc	Docking studies of synthetic derivatives involved in ischemic stroke	6 months	May 2016
3	Raed Jasim Mohammed	M.Sc	Synthesis and docking studies of BCL2 inhibitors involved in breast cancer	6 months	May 2016

* please provide copy of certificate page or certificate from Head/Principal

20. Faculty visit abroad on academic purpose: NIL

Institution Visited & Period of Visit	Country	Sponsoring of agency	Activity undertaken	Month and Year of Visit
* please provide invitations/sanction letters/grant received letter				

21. Awards / distinction received if any : NIL

Name of the award Received	International/ National/ State/University/District/College level	Nature of Award	Month & Year of the Award
* please provide copy of certificate			

22. International fellowship for advanced studies/research received if any : NIL

Name of the award	Month and Year of Award	Awarding agency
* please provide copy of certificate		

23. Faculty Distinction/Nominations to University/State/National/International bodies.: NIL

Membership / Distinction earned	Organization	University/State/ National/International Level	Month and Year
*please provide copy of offer letters/appointment orders			

24. Collaborative programs if any other University / Organization/ Industries : NIL

Name of Program	Nature of Collaboration	Collaborating organization and Country	Objectives of MOU	Month and Year
* please provide copy of MoU letter				

25. Innovation adopted in Teaching (If any, provide details.):

26. Participation in Curriculum design/BOS etc. (copy of minutes of meeting)

27. List of ICT modules prepared (Please provide soft copies of modules, url link/videos):

28. Social outreach programs conducted (If any, proof as photographs, videos, certificate of appreciation, etc):

29. Life Members of any bodies (provide membership details):

1. Indian Council of Chemists (LF/ 1768)

2. Indian Science Congress (L33744)

30. Extension activities and institutional social responsibility (If any, provide proof)

31. Contribution to environmental awareness and protection (If any, provide proof)

32. Please provide the details if any MoUs/Linkages (If any, provide MoU letter):

33. Any another relevant information: Other publications:

Author/Title of paper/ Journal Name/Vol , Page / Year	Impact factor & ISSN No
Synthesis, Structural Characterization and Antibacterial Studies of Cobalt Complexes Containing Bidentate Amide Ligands <i>Ammar Adil.H, , M.Srikanth, N.A.AL-Satar Mohammeda, A.Sanjeev, M. Radhika , P. Muralidhar Reddy*, and Chand Pasha*. J. Adv. Chem., Vol . 12 (8), 2016, 4309 – 4316.</i>	I .F. : 1.778 ISSN : 2321-807X

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