

CURRICULUM VITAE

Full Name: Dr. Ammilal Rao

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Qualification: M. Sc., Ph. D.

Honors: CSIR-NET-JRF, GATE, SET

Designation: Assistant Professor

Nationality: Indian

Date of Birth: July 15, 1990



Academic Career

Degree/ Course	Board/ University	Year of Passing	Subject	Remarks
Secondary	RBSE, Ajmer	2004	All Compulsory	First Division
Sr. Secondary	RBSE, Ajmer	2006	Hindi, English, Chem, Phy, Bio	First Division
B. Sc.	University of Rajasthan, Jaipur	2009	Chem, Botany, Zoology	First Division
M. Sc.	J. N. V. University, Jodhpur	2011	Chemistry	First Division
CSIR-NET-JRF	CSIR, New Delhi	Dec, 2011	Chemical Sciences	24 Rank
		June, 2012		57 Rank
		Dec, 2012		74 Rank
		June, 2013		58 Rank
GATE	MHRD, Govt. of India	2012	CY – Chemistry	Score 368
		2013		Score 497

SET	RPSC, Ajmer	2012	Chemical Sciences	Qualified
Ph. D.	J. N. V. University, Jodhpur	2017	Science	With Prof. Pradeep Kr. Sharma
	<i>Title of the Ph. D. thesis: ROLE OF METAL COMPLEXES IN SOME SOLUTION PHASE REDOX REACTIONS OF ORGANIC COMPOUNDS</i>			

Teaching Experience:

Name of Institution	Post Held	Period of service		Remarks
		From	To	
University of Rajasthan, Jaipur	Assistant Professor	11-08-2014	Till Date	Teaching & Research

Publications:

1. **Ammilal Rao**, Poonam, P. Panchariya, G. Goswami and Pradeep K. Sharma, Oxidation of some unsaturated acids by Morpholinium Fluorochromate: A Kinetic and Mechanistic study, *Int. J. Chem.*, **2016**, 5 (2), 136–144.
2. **Ammilal Rao**, S. Panwar, Om Prakash, Shweta Vyas and Pradeep K. Sharma, Kinetics and Mechanism of the Oxidation of DL-Methionine by Morpholinium Fluorochromate, *J. Chem. Bio. Phy. Sci. Sec. A*, **2016**, 6 (3), 876-884.
3. **Ammilal Rao**, Trupti Purohit, Preeti Swami, Priyanka Purohit and Pradeep K. Sharma, Kinetics and mechanism of oxidation of some thioacids by Morpholinium Fluorochromate, *Eur. Chem. Bull.*, **2016**, 5(5), 189-192.
4. Poonam, **Ammilal Rao**, Gifty Sharma, L. Kotai, IE Sajo and Pradeep K. Sharma, Kinetics and mechanism of the oxidation of aliphatic secondary alcohols by tetrakis (pyridine) silver dichromate, *Int. J. Chem.*, **2015**, 4 (1) 13–21.
5. Vasudha Ranga, U. Soni, **Ammilal Rao**, P. Purohit and Pradeep K. Sharma, Oxidation studies of formic and oxalic acids by Morpholinium Fluorochromate (MFC): Kinetic and mechanistic study, *J. Indian Chem. Soc.*, **2016**, 93, 1377-1382.
6. Kanchan Kanwar, U. Songara, **Ammilal Rao**, A. Choudhary and Vinita Sharma*, Kinetics and mechanism of the oxidation of lower oxyacids of phosphorus by pyridinium dichromate, *J. Chem. Bio. Phy. Sci. Sec. A*, **2018**, 8 (4), 631-641.
7. Jyoti Solanki, Namrata Joshi, Divya Chandora, **Ammilal Rao**, Laszlo Kotai and Pradeep K. Sharma*, Kinetics and Mechanism of the Oxidation of some Vicinal and Non-vicinal Diols by Quinolinium Dichromate, *Journal of Applicable Chemistry*, **2018**, 7 (6), 1762-1770.

Paper presented/ participated in national or international Conferences/ Seminars/ Symposium/ Workshops:

1. APQR&ARS: January 12, 2013
2. NSPACS: January 10-11, 2014
3. CONIAPS: January 16-18, 2015
4. FCASI: March 13-14,2015
5. NSETCS: March 13-15,2015
6. BAQTCA: August 17-21,2015
7. WHPC: January 8, 2016
8. NSRTCR: February 5-7, 2016
9. SROR: February 15, 2016
10. RHVS: March 19, 2016
11. FCASI: April 25-26, 2016
12. NCEHS: September 08-10, 2016
13. NSEEE: December 16-18, 2016
14. GECPS: January 21, 2017
15. NCRCAEIAH: November 17-18, 2017
16. GA ECS: December 15-16, 2017
17. ICS: December 23-25, 2017
18. NCRSD: January 22-23, 2018
19. IPRATP: February 24, 2018
20. NSFWCC: March 21, 2018
21. NSCDJNADR: April 14, 2018
22. NSECWMCA: June 5, 2018
23. ATWAPS: July 2-3, 2018
24. RAIPLS: July 6-7, 2018
25. RAIPLS: January 28-30, 2019

Guide Assignments:

S. No.	Level	No. of students guided	Remarks
1	P.G.	2	M. Sc. Project

Conferences/ Seminars/ Symposium/ Workshops organized:

S. No.	Title of the Event/ Venue	Nature/ Duration	Position Held	Organizers	Sponsors
1	17 th International Conference of International Academy of Physical Sciences on “Emerging Trends In Physical Sciences & Technology”	International January 16-18, 2015	Member Organizing Committee	University of Rajasthan, Jaipur (India)	IAPS DST, New Delhi DST PURSE UOR, Jaipur
2	One day Workshop on Intellectual Property Rights “ Awareness and Training Programme”	National February 24, 2018	Co- convener	Department of Chemistry, University of Rajasthan, Jaipur (India)	DST, Rajasthan DST PURSE UOR, Jaipur
3	National Conference on “Recent Advances at Interfaces of Physical and life Sciences”	National July 6-7, 2018	Organizing Secretary	Department of Chemistry, University of Rajasthan, Jaipur (India)	ICC, ISLS, DST PURSE, ISCA
4	International Conference on “Recent Advances at Interfaces of Physical and life Sciences”	International January 28-30, 2018	Organizing Secretary	Department of Chemistry, University of Rajasthan, Jaipur (India)	DST-GOR ICC, ISLS, DST PURSE, ISCA

Trainings/ Teaching-Learning Courses attended:

S. No.	Course Name	Duration	Organizers	Sponsors	Remarks
1	SPECIAL SUMMER SCHOOL PROGRAMME	June 08-27, 2015	UGC-ASC, J. N. V. University, Jodhpur	UGC	Obtained Grade 'A'
2	Refresher Course in Chemical & Pharmaceutical Science	September 04-23, 2017	UGC-HRDC University of Rajasthan, Jaipur	UGC	Obtained Grade 'A'
3	Refresher Course in Climate Change and Environmental Studies	October 08-27, 2018	UGC-HRDC University of Rajasthan, Jaipur	UGC	Obtained Grade 'A'

Administrative Experience:

- Worked as Proctor in University Centre for Computer Science & Information Technology (UCCS & IT), University of Rajasthan, Jaipur
- Worked as Associate NCC Officer in University Maharaja College, University of Rajasthan, Jaipur
- Working as member of University Flying Squad Committee
- Working as Associate Proctor in University of Rajasthan, Jaipur
- Convener of various committees in University of Rajasthan, Jaipur
- Member of various committees in University of Rajasthan, Jaipur

Any other Information(s):

- Resource Person (Physical Chemistry) in Satellite Communication Program (SAT-COM) – DST project, Govt. of Rajasthan (2016 – contd.)

Ammilal Rao
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