

GOVERNMENT GIRLS COLLEGE, CHOMU (JAPUR)

PERSONAL PROFILE

PROF. RAJENDRA KUMAR

(M. Sc., Ph. D.)



1. Designation: Professor Grade (AL14)
2. Employee I D: RJSK199233014141
3. Department: CHEMISTRY
4. Contact No.: 9414332435 email:rkdhanwal1969@gmail.com
5. Residential Address: A-166 Kardhani Schem, Kalwar Road, Jaipur
(Rajasthan) 302012
6. Date of birth: 01st August 1969
7. Date of joining of service: 14th March 1992
8. Teaching Experience: 32 Years U. G. = 32 Years P.G. = 29 years
9. Research Experience: 17 Years
10. Date of award of Ph.D.: 19th May 2000
11. Topic of Ph.D. thesis: **“Computer-Aided Design of Drugs Active at the Adrenergic Receptors.”**
12. No. of research papers published: 18 (last five years-03)
(List of Publication and reprint of papers enclosed herewith)
13. Field of research: Drug-design
14. Registration number as research guide: RS/1/G/2014/9601 Dated 27-12-2014
15. Improvement of Professional Competence: Orientation/Refresher courses attended

- (i) Orientation course: ASC, University of Rajasthan, Jaipur
From 30th October to 25th November 1995
- (ii) Refresher course: ASC, University of Rajasthan, Jaipur
From 08th March to 27th March 1999
- (iii) Refresher course: ASC, Mohan Lal Sukhadia University, Udaipur
From 15th January to 04th February 2004
- (iv) Refresher course: ASC, University of Rajasthan, Jaipur
From 16th September to 05th October 2004
- (v) Faculty Development Programme held at S. K. College, Sikar: 12th,
13th and 15th January 2010.

16. Deputation at Non – Teaching department

S.No.	University/ Department/ Institute	Postheld	Nature of work performed	From	To
1.	PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR	OIC	AFFILIATION WORK	04-05-2015	18-11-2015

17. Design of New Curricula and Courses

S.No.	Title of New Curricula/ Course	Designed for Which Class	Assessed and Accredited by Which Institute/Organization
1.	Board of Studies (2017)	UG & PG (CHEMISTRY)	PDSU, SIKAR
2.	Board of Studies (2018)	UG & PG (CHEMISTRY)	PDSU, SIKAR
3.	पाठ्यक्रम समीक्षा	For Class I to Class VIII (Science)	पाठ्य पुस्तक मण्डल जयपुर

A. 18. Research Papers published- Peer–Reviewed or UGC Listed Journals

Books Published. “Chemistry(CHM-52T-103)” Co-Author (Year-2024- ISBN 978- 93-5736-639-7., Neelkanth Publications, Jaipur (Raj.)

S.No.	Title with Page Nos./ Year of Publication	Name of Journal	Peer reviewed/ UGC listed.	First/ Principal/ Corresponding /Two authors/ Joint– Authors(more than two author)
1.	Diarylspiro[2.4]heptens as Selective Cyclooxygenase-2 Inhibitors: A Quantitative Structure-Activity Relationship Analysis. 1164-1168 (1997)	<i>Indian J Chem</i>	YES	Yes
2.	Inhibitors of Epidermal Growth Factor Receptor Protein Tyrosine Kinase: A Quantitative Structure-Activity Relationship Analysis. 125-143 (1998)	<i>J Enzyme Inhibition</i>	YES	Co-Author
3.	Quantitative Structure-Activity Relationship Study of 4,5-diphenyl-2-(substituted thio)-imidazoles as the Inhibitors of Acyl CoA : Cholesterol Acyltransferase. 179-183 (1998)	<i>Indian J Biochem Biophys</i>	YES	Co-Author
4.	Novel Inhibitors of Cyclooxygenase-2: The Sulphonamides of 1,2-Diaryl-4,5-difluorobenzene. Analysis of Quantitative Structure-Activity Relationship. 409-417. (1998)	<i>J Enzyme Inhibition</i>	YES	Co-Author
5.	A Quantitative Analysis of N-Phenyl-6,11-dihydrodibenzo[b,e]oxepin-11-carboxamide & Related Derivatives as the Inhibitors of Acyl CoA: Cholesterol Acyl Transferase. 353-357. (1998)	<i>Indian J Pharm Sci</i>	YES	Co-Author
6.	Quantitative Structure-Activity Relationship Study of Iodinated Analogues of Trimetoquinol S highly potent β_2 -Adrenoceptor Ligands. 390-	<i>Indian J Biochem Biophys</i>	YES	Co-Author

	392. (1998)			
7.	1,2-Diarylimidazoles as the Inhibitors of Cyclooxygenase-2 Enzyme: A Quantitative Structure-Activity Relationship Study. 277-288 (1999)	<i>J Enzyme Inhibition</i>	YES	Co-Auther
8.	A Quantitative Structure-Activity Relationship Study of 3-phenyl-substitutedimidazo[1,5-a]quinaxalin-4-ones and imidazo[1,5-a]quinaxoline ureas having affinity at the benzodiazepine receptor complex. 415-420 (2000)	<i>Indian J Pharm Sci,</i>	YES	Co-Auther
9.	Quantitative Structure-Activity Relationship Study of Novel α_{1a} -adrenoceptor Antagonists. 331-338 (2001)	<i>J Enzyme Inhibition</i>	YES	Co-Auther
10.	Quantitative Structure-Activity Relationship of 2-Arylsulfonyl-6-substituted Benzonitrile as Non-nucleoside Reverse Transcriptase Inhibitors of HIV-1. 219-225 (2002)	<i>J Enzyme Inhibition & Med Chem</i>	YES	Co-Auther
11.	QSAR Analysis of Heteroaryl Derivatives of 1,2-Diarylimidazole with Cyclooxygenase-2 Inhibitory Activity. 465-471 (2002)	<i>Indian J Pharm Sci,</i>	YES	Co-Auther
12.	Quantitative Structure-Activity Relationship Study on N-(Pridin-4yl)-(indol-3-yl)alkylamides as Antiallergic Agents. 351-355 (2002)	<i>Indian J Biochem Biophys</i>	YES	Co-Auther
13.	Quantitative Structure-Activity Relationship Study of a New class of Orally Active Cyclooxygenase-2 Inhibitors; The Derivatives of 3-Phenoxy pyran-4-one. 50-55. (2007)	<i>Indian J Biochem Biophys</i>	YES	Co-Auther

14.	Study of antioxidant activity of some medicinal polysaccharides. (2016)	<i>Resarchdirections</i>	YES	Co-Author
15.	Assessment of Faunal Diversity in Tal Chhapar Wildlife Sanctuary of Churu District in Rajasthan. 576-585. (2016)	<i>IJCRT</i>	YES	Co-Author
16.	Effect of Chemical Fertilizers on Human Health and Environment: A Reivew. 203-205. (2017)	<i>IARJSET</i>	YES	Yes
17.	Assessment of Ground water Quality in Losal Area of Danta Ramgarh Tehsil in Sikar district of Rajasthan. 617-625. (2017)	<i>IJRAR</i>	YES	Yes
18.	Physicochemical Analysis of Groundwater of Khora Village of Neemkathana Block, Sikar (Rajasthan) India (2018)	<i>IJRST</i>	YES	Co-Author

19. Invited Lectures/Resource Person/Paper Presentation in Seminars/Conferences/Full Paper in Conference Proceedings (Paper Presented in Seminars/Conferences and also Published as Full Paper in Conference Proceedings will be Counted Only Once)

S. No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar/Training etc.	Organized by	Presented/ Attended
1.	2012-13	APQR & ARS	S.K. Government College, Sikar	Attended
2.	2014-15	Nanoscience & Nanotechnology Challenges and Opportunities.	Mody University of Science And Technology, Laxmangarh, Sikar	Attended
3.	2014-15	SPECIAL PROGRAMME Professional Development Programme.	University of Rajasthan, Jaipur.	Attended
4.	2018-19	International Conference on Frontiers at the Chemistry-Allied Sciences Interface	University of Rajasthan, Jaipur.	Presented
5.	2018-19	International Conference on Recent Advances at Interfaces Physical and Life Sciences	University of Rajasthan, Jaipur.	Presented

6.	2018-19	International Conference on Recent Trends in Environment & Natural Sciences.	Govt. Science College, Sikar	Presented
7.	2019-20	National Conference on "Human Rights are Women Rights and Women Rights are Human Rights".	GC, Jaipur and CARD, Mumbai	Presented
8.	2019-20	1 st International Conference on Status of Vulnerable Section of Society and Justice through Constitution and Social Engineering	PDU Shekhawati University and Social Sciences and Humanities Association (SSHA)	Presented
9.	2019-20	Mid-Career Training Program for State Services Officers	HCM-RIPA, Udaipur	Attended
10.	2020-21	Virtual Platforms For Teaching And Learning (VPTL)	Indian Institute of Information Technology, Kota	Attended
11.	2022-23	2ND SSHA INTERNATIONAL CONFERENCE ON India after 75 years of Independence : Changes and challenges	Govt. Arts College Sikar	Attended
12.	2022-23	Novel Dimensions of Research and Development	Government College Tonk	Attended
13.	2022-23	International Conference on Impact of Environment, Food & Nutrition on Human Health	University of Rajasthan	Presented
14.	2022-2023	National Conference on Recent Environmental Issues and Scientific Evaluation	Agrawal Kanya Mahavidyalaya, Gangapur City, Sawai Madhopur	Presented
15.	2023-2024	XXIX Inter Disciplinary International Conference on Science, Technology and Society (Hybrid Mode)	Samrat Prithviraj Chauhan Government College, Ajmer	Presented