

B. B. D. Govt. College, Chimanpura (Shahpura), Jaipur

Faculty Profile

1. Name:- Dr. KIRTI SARBHAI
2. Department:- CHEMISTRY
3. Designation :-ASSOCIATE PROFESSOR
4. Qualification:- M.Sc, Ph.D.
5. Date of First joining:- 17th August, 1996
6. Home District:- JAIPUR
7. E-mail id:-kirti.sarbhair@gmail.com
8. Teaching Experience:- UG 26 years PG 24 years
9. Detail of Research and Academic Contributions:-



(i)- Research Papers Published in Refereed Journals.

S.No.	Title with Page Nos.	Name of Refereed Journal(as mentioned by UGC)	ISSN/ISBN No.
1.	Quantitative structure-activity relationship study on affinity profile toward bovine adenosine receptors of a series of 1,8-naphthyridine derivatives. Vol-23(3), 2008,Pg 437-443	Journal of Enzyme inhibition and Medicinal Chemistry	ISSN 1475-6366
2.	A QSAR study on 5-HT ₇ receptor antagonists: Derivatives of phenylpiperazinyll- alkyloxindole. Vol-1(1), 2009,Pg 227-239.		
3.	A QSAR study on 5-HT ₆ receptor antagonists: the 3-aryl-3-methyl-1H-quinoline-2,4-diones. Vol. 2, 2009, Pg14-32.		
4.	A rationale for the activity profile of arylpiperazinyllthioalkyls as 5-HT _{1A} serotonin and α_1 - adrenergic receptor ligands.Vol- 45(5), 2010, Pg 1927-1934.	European Journal of Medicinal Chemistry	ISSN 0009-4374
5.	A QSAR study on serotonin 5-HT ₆ receptor ligands: indolyl and piperidinyl sulfonamides. Vol 21(03-04), 2010, Pg 1-20.	SAR & QSAR in Environmental Research	ISSN 1029-046X

6.	QSAR rationales for the activity profiles of N-(1,2,3,4-tetrahydronaphthalen-1-yl)-4-aryl-1-piperazinehexanamides at the serotonergic and dopaminergic receptors. Vol-2(2),2010, Pg117-126.	International Journal Pharmacology & Technology	ISSN 0975-766X
7.	Chemometric descriptors in modelling the carbonic anhydrase inhibition activity of sulphamide and sulfamate derivatives. Vol-14, 2010, Pg 371-384	Mol Divers	ISSN 1381-1991
8.	CP-MLR /PLS directed QSAR study on apical sodium –codependent bile acid transporter inhibition activity of benzothiepins. Vol- 15 (1), 2011, Pg 135-147.	Mol Divers	ISSN 1381-1991
9.	Modelling of serotonin reuptake inhibitory and histamine H ₃ antagonistic activity of piperazine and diazepam amides; QSAR rationales for co-optimization of the activity profiles. Vol-22(3), 2011, Pg365-383.	SAR QSAR in Environmental Research	ISSN 1029-046X

(ii) Research Papers published in Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers.

S.No.	Title with Page Nos.	Name of Journal	ISSN/ISBN No.

(iii) Full papers in Conference Proceedings (Abstracts not to be included):

S.No.	Title with year and page nos.	Details of Conference Publication	ISSN/ISBN No.

10. Research Publications (books, chapters in books, other than refereed journal articles:-

S.No.	Mention type of Publication	Title with Page Nos.	ISSN/ ISBN No.

11. Research Projects- III (C) (i) Sponsored Projects carried out/ ongoing:

S.No.	Title of Project	Funding Agency	Period	Grant/Amount Mobilized (Rs-Lakh)

12. Research Guidance:-

S.No.	Degree	No. of Enrolled	No. of Thesis Submitted	No. of Degree Awarded

13. Papers in Conferences/ Seminars/ workshops etc.

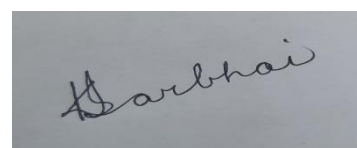
S.No.	Title of Paper Presented	Title of Conference / Seminar	Organised by	Whether international /national/state /regional/college or University
	Environment Education: The need of the hour	Recent Advances in Chemistry (2011)	S.S. Jain Subodh P.G.College , Jaipur	National
	Health risk of chemicals in food products; A review	Environmental Conservation and Management for Sustainable Era (2012)	S.S.Jain Subodh P.G. College, Jaipur	National
	Effects of chemicals on living organisms	Environmental Issues , Toxicology& Exposure Science (2013)	Agrawal P.G. College, Jaipur	National
	Organic electronics: A step towards Better tomorrow	Sustainable Chemical & material Sciences (2016)	S.S. Jain Subodh P.G. College, Jaipur	National
	Flood Management	Ground water quality, water conservation, management and Technology (2017)	Govt. R. R. (PG) College, Alwar (Raj)	National
	Carbonic anhydrase as novel therapeutic agents	Emerging challenges, Their solutions and Recent Advances In Science (2019)	Government Science College, Sikar (Raj)	International
	Early childhood: social and emotional Development	Status of vulnerable Sections in Society and Justice through constitution and social Engineering (2019)	PDUS University &Social Science and humanities Association	International
	Water Fluoridation	Water Conservation :Management Techniques and Awareness (2020)	Vedanta P.G. Girls College, Reengus (Sikar) Rajasthan	National

14. Invited Lectures and Chairmanships at National or International Conference / Seminar etc.

S.No.	Title of Lecture/Academic Session	Title of conference / Seminar etc.	Organised by	Whether International / National
1.	Day: 2, Session-I, Health and Environment (2012)	Environmental Conservation and Management for Sustainable Era	S. S. Jain Subodh P.G. College, Jaipur	National

15. Details of Orientation, Refresher Courses /Research Methodology Workshops/ Training, Teaching-Learning-Evaluation Technology Programmes/ Soft Skills development Programmes and Faculty Development Programmes of 1/2/3 week duration.

S.No,	Name of the Course	Sponsoring Agency	Place	No. of Days	From	To
	Orientation Course	H. P. University	Shimla	28	06.04.1998	02.05.1998
	Refresher Course	University of Rajasthan, Jaipur (Raj)	Jaipur	21	10.06.2002	29.06.2002
	Refresher Course	University of Rajasthan, Jaipur (Raj)	Jaipur	21	05.10.2005	24.10.2005
	Refresher Course	M. D. S. University, Ajmer(Raj)	Ajmer	21	06.11.2006	26.11.2006
	Faculty Development Programme	Central University of Rajasthan	Bandarsindri, Ajmer	10	04.01.2021	14.01.2021



Signature