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2. Department: Chemistry
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10. List of Publications:

Authors names	Title of paper	Name of Journal	Vol. No.	Pages from – to	Year
Bhanupriya Mordhiya, Kailash Daga, Vinod Vaishnav	Comparative study and treatment of copper using activated carbon and poly vinyl alcohol coated activated carbon as an adsorbents	Research Journal of Chemistry and Environment	16 (3)	39-43	2012
Bhanupriya Mordhiya, Kailash Daga, Suresh Chandra and Sonia Aggarwal	Adsorptive treatment of Methylene blue dye from aqueous solution using Moringa oleifera as an adsorbent	Nature Environment and Pollution Technology	11(1)	113-116	2012
Suresh Chandra, Kailash Daga, Vinod Vaishnav,	Removal of Cr (VI) from water by using activated carbon prepared from Crotolaria burhia	International Journal of Scientific & Engineering Research	3 (3)	1-7	2012

Madan Lal, Bhanupriya Mordhiya					
Madan Lal, Kailash Daga, , Suresh Chandra, Bhanupriya Mordhiya, Sonia Aggrawal, Vinod Vaishnav	Adsorption of dye Benzoazurin-G (organic contaminants) by poly vinyl activated charcoal derived from Eichhornia (water weeds)	International Journal of Scientific & Engineering Research	3(12)	1-7	2012
Nirmal Choudhary, Kanchandeeep Chaudhary, Bhanupriya Mordhiya, Kailash Daga	Role of Calotropis procera for removal of Ni(II) ion from wastewater	International Journal of Chemical Sciences	11 (4)	1721- 1729	2013
Kanchandeeep Chaudhary, Nirmal Choudhary, Bhanupriya Mordhiya, Kailash Daga, Vimla Chaudhary	Study on removal of cadmium (II) ions from wastewater using activated carbon of Salvadora persica stem	Nature Environment and Pollution Technology	13 (3)	619-622	2014

11. List of Conferences / Symposium/ Refresher Courses Attended: 19

S. No	Name of Conference/seminar/ symposium/short term course	Organized by	Title of paper	Year
1	DST workshop on Water Purification Possibilities and Prospects (WPPP-2010)	Department of Chemistry, Jai Narain Vyas University Jodhpur	Role of <i>Prosopis cineraria</i> as an adsorbent for water purification	4-5 Dec. 2010
2	National seminar on Energy Security for India – Opportunities and Challenges (ESIOC- 2011)	Marwar Engineering college and Research Centre	Removal of Nickel (II) using polyvinyl alcohol coated carbon prepared from <i>Moringa oleifera</i>	4-5 March 2011

		Jodhpur		
3	National conference on Natural Products: Green Interface between Chemistry and Environment (NCGC-2011)	Maya Institute of Technology and Management, Dehradun	Comparative study of removal of Cadmium using activated carbon and polyvinyl alcohol coated activated carbon of <i>Moringa oleifera</i> as an adsorbent	18-19 june 2011
4	National Conference on Environmental Pollution Restoration and Management (NCEPRM-2011)	Govt. College of Engineering and Technology, Bikaner	Removal of Methylene red dye from aqueous solution by activated charcoal derived from barks of <i>Moringa oleifera</i>	20 Nov. 2011
5	International Conference on Global Trends in Pure and Applied Chemical Sciences (ICGTCS-2012)	Asian Journal of Chemistry	Kinetics and isotherm modeling on the adsorption of dyes from wastewater using low cost adsorbent	3-4 march 2012
6	National Seminar on Pure and Applied Chemical Sciences (Current Trends and Future Prospects (NSPACS-2014)	Department of Chemistry, Jai Narain Vyas University Jodhpur	Development of low cost adsorbent for removal of contaminants from wastewater	10-11 jan 2014
7	National Conference on Frontiers at the Chemistry-Allied Sciences Interface(FCASI-2015)	Center of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur	Adsorption treatment of Aniline yellow dye using chemically treated adsorbent	13-14 march 2015
8	Current Challenges in Drug Discovery Research (CCDDR 2015)	Malviya National Institute of Technology, Jaipur	Production and Characterization of Adsorbent Material and their use in waste water treatment	23-25 Nov. 2015
9	52th Annual Convention of Chemists 2015 and International Conference on Recent Advances in Chemical Sciences	Indian Chemical Society, Kolkata at JECRC Jaipur	Adsorption of Chromium by a low cost adsorbent prepared from activated carbon of <i>Prosopis cineraria</i>	28-30 Dec. 2015
10	National Seminar on Analytical Electrochemistry (NSAE-2010)	Department of Chemistry, Jai Narain Vyas University Jodhpur	-	8-10 Feb. 2010
11	UGC- Sponsored one week short term programme for research scholars	Academic Staff College, J. N. V. University, Jodhpur	-	18-23 Feb. 2010
12	Training Program on Application of Computational Technology in Earth and Basic Sciences	University science instrumentation centre, J. N. V. University, Jodhpur	-	15-18 Feb. 2011

13	International Conference on Chemistry of Phytopotentials: Health, Energy and Environmental Prospectives (CPHEE-2011)	Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra	-	4-6 Nov. 2011
14	Environmental Pollution & Waste Management, 99th Indian Science Congress, Bhubanshwar	<i>Indian Science Congress, Bhubanshwar</i>	--	3-7 jan. 2012
15	International Workshop on Chemistry for a Sustainable Future	Royal society of Chemistry London at Rajasthan University, Jaipur	-	10-12 Dec. 2012
16	Workshop on an Introduction to Robotics and its Applications	University science instrumentation centre, J. N. V. University, Jodhpur	-	18-23 Feb. 2013
17	National Seminar on Highlights and Significance of Rashtriya Uchchar Shiksha Abhiyan (HSRUSA-2014)	Vishvavidhalya and Mahavidhyalaya Shikshak Manch, Jodhpur	-	1 Feb. 2014
18	17 th International Conference of International Academy of Physical Sciences (CONIAPS XVII) on emerging trends in physical sciences & technology	University of Rajasthan, Jaipur	--	16-18 Jan 2015
19	National Workshop on Basic Aspects of Quantum and Theoretical Chemistry and Applications (BAQTCA 2015)	Govt. P G College, Tonk		17-21 Aug. 2015

12. Papers in Conference Proceedings:

Authors names	Title of paper	Name of Conference, City, Country	pages from – to	Year
Bhanupriya Mordhiya, Kailash Daga	Adsorption of Methylene blue dye from wastewater	Proceeding of National Conference on Material Science	187-193	2012

	using polyvinyl alcohol coated activated carbon of Moringa oleifera	and Technology: Current trends and future prospects; Lachoo memorial college, Jodhpur (Raj.)		
Kailash Daga, Bhanupriya Mordhiya, Vinod Vaishnav	Adsorption of organic contaminants by an adsorbent derived from Salvadora persica of Thar Desert	Proceeding of National Conference on Material Science and Technology: Current trends and future prospects; Lachoo memorial college, Jodhpur (Raj.)	168-172	2012

13. (a) National / International Collaborations with MoU (if any): Nil

(b) Number of papers published where co-author is from another institute within the country: 6

(c) Number of papers published where co-author is from another institute outside the country: 0