



Faculty Profile



- 1. Name: Kailash chand**
- 2. Designation: Assistant Professor**
- 3. Department: Chemistry**
- 4. Educational Qualification:**

Level	Name of University/Board	Year	Title/ Remark/ Medal
B.Sc.(Bio)	R.U. JAIPUR	1997	Second division
M.Sc. Chemistry	M.L.S.Uni.Udaipur	2001	First division
Ph.D.Chemical Sc	M.L.S.Uni.Udaipur	2004	Award

5. Experience: Teaching / Research

UG	15	PG	15	Research	20
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6. Membership (Academic Bodies/ Research societies):

7. M.O.O.C (Developed by Faculty):

8. Awards Received:

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	Jodhpur	A.S.C.J.N.V.Uni. Jodhpur	15 Nov to 11 Dec 2010
Refresher	Jaipur	H.R.D.C.U.O.R.Jaipur	08 June to 27 Jun 2015



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	Ajmer	H.R.D.C.M.L.S.Uni. Ajmer	20 July 09 Aug 2016
	Ajmer	H.R.D.C.M.L.S. Uni.Ajmer	13 Sep 03 Otc 2018
Others (Workshop/ Summer School/ Camp etc.)	Nil	Nil	Nil
Online F.D.P (Faculty Development Programme)	Ajmer	Commi..Edu.Jaipur(Ch emistry)	11 Jan to 16 Jan 2021
Online F.D.P (Faculty Development Programme)	Sambhar lake	commi.Coll..Edu..Jaipu r(skills)	08 Aug to 13 Aug 2021
PDP ON NEP/2020	NEW DELHI	IGNOU	27-10-2022 to 05-11-2022

10. Seminar/ Conference :

Name of Symposium/ Seminar/Confer ence	Internat./ National/ Regional	Organized by	Title of Paper presented	Year
Symposium	National	M.L.S.Uni.U daipur	Oxidation of Alcohol by QDC	2003

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Seminar	National	Sh. R.R.Morarak a Govt.Colle Jhunjhunu	Effect of pesticides in agriculture land	2012
Seminar	National	S.S.Jain Subodh P.G.College Jaipur	Oxidation of Cyclohexanol by pyridinium in dioxan water medium	2014
Seminar	National	S.P.C.Govt.C ollege Ajmer	Use of nitrate in various crops and its side effects	2015
Symposium	National	C.U.Raj	Oxidation of organic compound by chromium (VI)	2016
Seminar	National	M.H.R.D New Delhi.	Use of technical terminology in science teaching	2016
Seminar	Internati onal	S.G.G.Govt College Banswara	A kinetics of oxidation of pentanol by chromium dichromate	2016
Seminar	National	RUCTA (RA) Ajmer Commission	Social relation of teacher	2016



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Seminar	National	M.D.S.Uni.Ajmer	Roll of teacher in evaluation	2016
Seminar	National	R.R.Autonomous College Alwar	Ground water analysis	2017
Conference	National	S.P.C.Govt.College Ajmer	Libre Office Suite(Writer, Calc, Impress)	2017
Workshop	National	Kanoria P.G.Mahavidyalaya Jaipur	Oxidation of benzhydrol by 4-methylPDC.Kinetics and mechanism	2017
Conference	National	Govt girls College Sirohi	A study of pesticides and its harmful effect in human being	2018
Seminar	National	S.P.C.Govt College Ajmer	Participated	2018
Conference	International	U.O.R.Jaipur	A kinetics and mechanism of oxidation of alcohol by PDC.	2018
Conference	International	S.P.C.Govt.College Ajmer	Science and gandhi in modern india	2019

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Seminar	National	M.H.R.D.Sophia girls college Ajmer	e-Learning and MOOCs in Higher Education	2019
Seminar	International	Government Science College, Sikar Rajasthan	Study of physicochemical quality of groundwater from Merta block Nagaur district Rajasthan.	2019
Webinar	International	S.P.C.Govt College Ajmer	Participate	2020
Webinar	International	S.P.C.Govt College Ajmer	Participate	2020

11. Organizing Sec./Convener of conference/seminar/webinar :

Conference/Seminar Title	Year
NIPAN	12-03-2022

12. Resource Person:

In training Programme	Nil
In conferences/Seminars (Chair/Co-Chair/of Session)	Nil

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13. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
Oxidation of alfa amino acids by KMnO₄-MnSO₄ in sulphuric acid medium; A kinetics & mechanism study	Afinidad	Afinidad(2003),60(503,55-60	--	--	--
Oxidation of some substituted benzhydrols by Tl(III) A kinetic study	Oxidation communication	Oxidation communication,27 no1--98--104(2004)	--	--	--
A kinetics and mechanisms study of the oxidation of pentanol by chromium (VI) in dioxane water medium	Periodic research P; ISSN 2231-0045 & E ;ISSN No 2349-9443	Vol -- III issue IV, may 2015	---	---	--



Calculation of electrostatic, spin--orbit coupling and configuration--interaction parameters for Ln (III)bioactive system in UV--Visible region	Shrinkhla ek shodhparak vaicharik patrika P;ISSN No 2321-290X E:ISSN No-- 2349--980x	Vol-- 4 issue 10 jun 2007	---	---	--
Oxidation of cyclohexanol by chromium (VI) in dioxane water medium. Akinetic study	Asian resonance P; ISSN 0976-8602 & E ;ISSN No 2349-9443	Vol -- 6 issue 3 july-- 2017	--	---	--
Derivative micellar spectral, analysis and biological evolution of PR(III)-8 HQ	International journal of advanced research (IJAR) ISSN;2320--540 7	Int.j.Adv. Res,5(6),19 47-1953	--	--	--
Study of Aquifers Ground water In Jodhpur City, Rajasthan (India) And It's Utility For Agriculture Purpose According BIS & ICMR	Journal of Emerging Technologies And Innovative Research (JETIR) ISSN:2349-5162	Volume -6 Issue- 1			



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A Quantitative Study Of Fluoride In Ground Water Jodhpur,Rajasthan (India) And It's Side Effect.	International Journal of Science and Research (IJSR) ISSN: 2319-7064	Volume 8 Issue 8			
Physico-Chemical Quality of Ground Water of Rohit Block Pali District Rajasthan	International Journal of Research and Analytical Reviews (IJRAR) E-ISSN 2348-1269 P-ISSN 2349-5138	Volume -6 Issue- 2			
A COMPARATIVE PHYSICO-CHEMICAL STUDY OF GROUND WATER JAISALMER BLOCK	INDIAN WATER WORK ASSOCIATION	Under Communication			

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RAJASTHAN (INDIA).					
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14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
Nil	Nil	Nil		

15. Research Supervision:

- **Basic Field of specialization: Kinetics and synthesis**

❖ **Ph.D.**

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
Mustak	A study of aquifers characteristics in relation to physio chemical and geological qualities of ground water from Marwar super group specific Jodhpur distric.	Award	18-10-2022
Nitin Verma	Microwave assisted synthesis, characterisation and antimicrobial activity of transition metal	Prussing	Awaited



	complexes with amide legend		
Niyaj Mohammed	Spectral solution, thermodynamical, and biological evolution of few doped Ln(III) derivatives	Prussing	Awaited
Yash	Microwave-assisted synthesis and characterisation of some substituted P-benzoquinones and analysis of their antimicrobial and anti corrosive effects	Pursuing	Awaited
Sharwan kumar devanda	The study of inhibitory efficiency of some plant extract on corrosion of mild steel in acidic or basic medium	Prussing	Awaited
Rakesh kumar verma	Studies of Heterocyclic dyes and cationic micelle in photogalvanic cell as photosensitizer for solar energy conversion & storage	Pursuing	Awaited

❖ **M. Phil.**

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
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nil	nil	nil	
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16. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

• Book (Single Author)

Title of Book	ISBN/ISSN No.	Publisher with Place	Year of Publication
nil			
	nil		

• Chapter(s) in Book (Edited / multi-author)

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ISSN No.	Publisher with Place	Year of Publication
A PHYSIO-CHEMICAL GROUND WATER BLOCK RAJASTHAN.	COMPERETIVE STUDY OF JAISALMER	978-81-9532 20-0-8	DELTA PRINT HOUSE JAIPUR 302006	2021

13 Sports Activities:

14 Extra Curricular Activities:



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15. Any Other Relevant Information/Contributions Scout and rover activity

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