

## FACULTY PROFILE

1. **Name:Dr. Kumd Intodia**

2. **Email Id:kintodia@yahoo.co.in**

3. **Year of Appointment:1998**



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4. **Designation & Department: Associate Professor**

5. **Qualification:MSc, Ph.D**

6. **Membership of Professional Bodies:Indian Science Congress**

7. **Award & Achievements:Nil**

8. **Area of Research:Photochemistry,Organic Synthesis**

### 9. Projects Completed

1. A minor research project Entitled "Design and synthesis of new bioactive heterocyclic compounds" F.No.: MS-45/303011/07-08/CRO dated 28.03.2008 and completed on 20.07.2010 sponsored by UGC,Bhopal.

2. A minor research project entitled "Synthesis of novel sulphur containing chalcone and their heterocyclic transformation" F.No.: MS-133/303011/11-12/CRO(2) dated 31.03.2012 and completed on 08.01.2014 sponsored by UGC,Bhopal.

### 10. Research Paper Published

SN	Name of Author	Title of Papers	Name of Journal	Vol., Issue, Page No., Year of Publication	ISSN No.
1.	1.Bhat C.V., Sharma G.K., Intodia K. and Verdia	"Equilibrium uptake of some organic bases from aqueous solution of different pH by strongly acidic cation exchange resins"	Oriental. Journal of Chemistry,	1993, 9(4), 312.	ISSN : 0970 - 020X, ONLINE ISSN : 2231- 5039 Impact factor -.11-.54

2.	Bhat C.V., Sindhi P.C.,Vardia J. and Intodia K.	"Ion exchange column studies with nicotine: choice of solvent and flow rate for the extraction of nicotine from raw materials"	Oriental Journal of Chemistry,	1993, 9(3), 246	ISSN : 0970 - 020X, Impact factor - .11-.54
3.	Bhat C.V., Khaturia B, Sharma G.K., Intodia K. and Vardia J	. "Ion exchange Kinetics of $\alpha$ , $\beta$ and $\gamma$ picolines with gel type sulfonic acid cation exchange resins, Thermodynamic parameters	Asian Journal of Chemistry	743,1996 8(4),.	ISSN : 0970- 7077, Impact factor - .13-.14
4.	Intodia K. Vardia J. Khaturia B. Bhat C.V	."Ion exchange column studies with Aniline	Indian Chem. Soc.	1997, 74, 586	ISSN ; 0014- 4754
5.	Intodia K. Vardia J. and Bhatt C.V.	Ion Exchange, Kinetics of Aniline with gel type sulphonic acids cations exchange resin, mechanism of uptake	Asian Journal of Chemistry	1997, 9(4), 607	ISSN : 0970- 7077, Impact factor - .13-.14
6.	Intodia K., Intodia S. L. & Intodia S.K.	Effect of Nitrogen, Phosphorus & Zinc fertilization on nutrient utilization by Maize ( <i>Zea mays</i> L.) on calcareous soils of south Rajasthan"	"International Journal of Chemical Sciences	2007; 5(1) 209- 216)	ISSN : 0972- 768X
7.	Intodia K., Intodia S. L. & Intodia S.K	Interactive effect of Zinc, phosphorous & nitrogen on absorption of nutrients by Maize in calcareous soil"	Int. J. Chem.Sc -	2007; 5(1) 39- 44.	ISSN : 0972- 768X
8.	Jyoti Soni, Anil Chohadiya, Azab Saifee and Intodia Kumud	Iron catalyzed photo-oxidation of Azure-B with potassium peroxy disulphate". India	Bulletein of the catalysis of	7 (2010) 64-67	ISSN 2347- 5382)
9.	Jyoti soni, Anil Kumar and Kumud Intodia	"Photooxidation o Toluidine Blue using sulphate Radical Generated by peroxydisulphate and Ferrous ion	"Int. J. Chem.Sc." .	9(2),795- 804	ISSN : 0972- 768X

10	Deepak Maheswari , Kumud Intodia	“Impact of marble slurry on underground water resources. A Geostatistical Analysis using Remote Sensing and Geographical information System”	Analse of Rajasthan Geographical Association.	2010 ,27,147-152	0975-4652from paris internationalce nter of ISSN
11	Niharika Katria, Anil Mochi ,Rameswar Ameta, Kumud Intodia		Bulletin of catalysis Society of india,	2011(9)1-4.	ISSN 2347-5382
12	Niharika Kataria ,Anil Chohadia, and Kumud Intodia	Photochemical degaradation of azure-b with Sulphate radical ion generated by peroxydisulphate ion with cupric ion.	J.Iran.chem.Re s	4(2011) 301-308	ISSN 2008-1030
13	Shewta Shorey, Prakash Choudhary and Kumud Intodia	Solvent Free synthesis is different substituted Pyrazoles under microwave Irradiation via one pot synthesis and their Biological Evalution”	Asian J. chemistry	24(2012) 00-00.	ISSN : 0970-7077, Impact factor .13-.14)
14	. Shewta Shorey,Prakash Choudhary and Kumud Intodia	“Microwave Irradiation Synthesis of Various Substituted Chalcones Using Various Heterogeneous Catalysts Under Solvent-Free Conditions and their Biological Studies	Chem. Sci. Trans.;	2013,2(2),34 3-348	.( ISSN: 2278-3318 (Online), 2278-3458 (Print) Citation Factor  0.980)

15.	.A.Wasi,Bhupendra Kumar Sharma, Ashish Gupta and Kumud Intodia	Microwave Assisted Synthesis and Biological Activites of some $\alpha,\beta$ unsaturated cyclohexanone and their pyrazoline, isoxazolines Derivatives"	J.Chem.Bio. Phy.Sci. Sec.A;	3(4) Aug.-Oct 2013,2505-2514	ISSN 2249-1929) <b>peer review ed</b>
16.	A.Wasi, Bhupendra Kumar Sharma, Ashish Gupta and Kumud Intodia	Ecofriendly Sythesis of some Bioactive Pyrozoline and Isoxazaline Derivative from $\alpha,\beta$ unsaturated cyclohexanone	"Int. J. Chem.Sc	;11(4),2013,1621-1635.	ISSN : 0972-768X
17	Jyoti soni, Anil Chohadia, Narendra Nirwan and Kumud Intodia	Ferrous Ion Catalyzed Photooxidation of Methylene Blue with Peroxydisulphate Ion	"Inter.J.Scientific Res.in Sci. and Tecnology	1(2)2015,2395-6011	Online( ISSN: 2395-602X, Impact factor, 3.587)
18	Jyoti soni, Anil Chohadia, Narendra Nirwan and Kumud Intodia	"Iron Catalyzed Photo-oxidation of Azure-A with Peroxydisulfate Ion	Inter.J.Creative Research Thoughts	6(1).2018,2320-288214.	ISSN: 2320-2882 Impact factor 5.97)
19	. Shewta Shorey, Prakash Choudhary ,Kumud Intodia	Solvent Free synthesis Methylthio/ Methylsulfonyl Chalcone as potential anti-microbial agents	Chem.Sci Trans,,	2018,7(2).	ISSN: 2278-3318 (Online); ISSN:2278-3458 (Print). Impact factor .98)
20	Jayanti Samota , Shipra Bhardwaj and Kumud Intodia	Use of Marble Slurry in Ceramic Art Work-A Review of Solid Waste Managemnt"	Int J. Engineering Research	7 Issue special(4).2018,385-387.	2347-5013

21	Suraj Sharma, Shipra Bhardwaj, Kumud Intodia	A brief Review of the recent Advances in the Field of removal and degradation of organic pollutant's through metal inorganic frame works	Int J. Engineering Research.,	7 Issue special(4).2018,453- 457	2347- 5013
22	Saroj Lohar, Vidhya Regar, Kumud Intodia, Shipra Bhardwaj.”	Eco - Friendly Methods for Treatment of Water -	An Over View Int J. Engineering Research	.,8 Issue special(4).2019,01- 05,	
23	Vidhya Regar, Saroj Lohar, Kumud Intodia Shipra Bhardwaj	Wastewater Treatmen	Treatment Int J. Engineering Research	8 Issue special(4).2019, 16- 19.	
24	Jayanti Samota Suraj Sharma, Shipra Bhardwaj, Kumud Intod	Photocatalytic Degradation of Brilliant Green Using Flower Like Cadmium Cobaltite	International Journal of Applied Chemistry	2020 (3) Issue	ISSN 0257 - 8050 Scopus h index 20.00 and NAAS India impact rating 4.97.
25	Suraj Sharma, Jayanti Samota, Shipra Bhardwaj, Kumud Intodia “	Synthesis , characterization of Cadmium Bismuth Iodide nanostructure and its visible- light	Oriental Journal of Chemistry,.	Vol. 36 (2020)	ISSN- 0970- 020X.
26	Suraj Sharma, Jayanti Samota, Shipra Bhardwaj and Kumud Intodia	Comparative photocatalytic degradation of thiazine dyes over visible light active nickel bismuth iodide”,	Poll Res.	39 (4) : 1175-1179 (2020)	ISSN 0257– 8050
27	Jayanti samota, Suraj Sharma , Shipra Bhardwaj and Kumud Intodia	Photocatalytic Degradation of Erythrosin-B using Cadmium Cobaltite for Water Reuse: Efficiency and Degradation Pathway	Asian Journal of Chemistry	32 No.9(2020) 00-00	( ISSN : 2143- 2148, Impact factor .13- .14)

## 9. Books & Chapters in Edited Volumes/Books Published/Conference Proceedings Nil

Name of Author    Title of Books    Name of Publisher    Year of Publication    ISBN

## 10. Conference/Courses/FDP

a) Total Number Conferences/Seminars/Workshop attended:59

b) Total Number of FDP/Training Courses/Any Other Courses attended:01

S.No.	Name of Programme	Organized by University Institute	Duration with Date	Year
1	FDP on “Advance in survey, statistical and analysis in Research,Methodology”	Aishwarya college of education sansthan	15	16.5.2018 to 30.5.2018

c) Total Number Refresher/Orientation/Short Term Courses attended: 03

## 11. Research Guidance

Total Number of Awarded:04

Total Number of Ongoing :04

## 12. Any other Information:

i) Given two E-lectures

ii) Free online video lectures of chemistry by e learning. total no. 950 duration 15 min each

HIITS Achieving App.

(Dr.Kumud Intodia)