

**Mrs. Rinku Chawla**

Associate Professor (RVRES) - Chemistry  
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**Academic Qualification**

Qualification	Name of the Institute/Board	Year	Division
Secondary	PSEB, Mohali, Punjab	1989	I
Higher Secondary	PSEB, Mohali, Punjab	1991	I
Bachelor`s Degree	Punjab University, Chandigarh	1994	I
Master`s Degree	GND University, Amritsar, Punjab	1996	I

**Teaching Expreience**

S.No.	Name of the Institute	UG	PG
1	Maharishi Dayanand PG College, Sri Ganganagar, Rajasthan	14 Yrs.	14 Yrs.
2	Smt. NDB Government PG College, Nohar, Rajasthan	3 Yrs.	-
3	Government College, Suratgarh, Rajasthan	5 Yrs.	-
4	Dr. BRA Government College, Sri Ganganagar, Rajasthan	2 Yrs.	2 Yrs.
	<b>Total</b>	<b>24 Yrs.</b>	<b>16 Yrs.</b>

**Seminars & Conferences**

S.No.	Title of Seminar/ Conference	Title of paper presented	Date and year	Institution and Place	Level	Attended/ Presented
1	Recent Trends in Chemical, Environmental and Material Sciences-2018	Correlations of apparent molar volume of aqueous amino acids	24 Jan. 2018	DAV College, Abohar, Punjab	National	Poster Presented
2	National Seminar on Higher Education in 21 <sup>st</sup> Century	Impact of Teaching-Research nexus on quality education in higher education institutes of India	27-28 Jan. 2017	Smt. NDB Govt. PG College, Nohar, Rajasthan	National	Research Paper Presented
3	Human Rights : Issues and Challenges	Right to Clean Environment : A basic human right	30-31 Jan. 2017	Govt. College Rajgarh, Alwar, Raj.	National	Research Paper Presented

4	Sahitya Srijan aur Paryavaran Sarankshan	An investigation of environmental and health effect of domestic products	12-13 Jan. 2016	Late Rajesh Pilot Govt. PG College, Bandikui, Rajasthan	National	Research Paper Presented
5	Environmental Pollution and Sustainable Development : Statutory Realities, Social Chaos and Scientific Challenges	Bio-diesel – An alternative green fuel	25-26 Feb. 2012	N.M. Law P.G College, Hanuman Garh Town, Rajasthan	National	Research Paper Presented
6	Recent Advancements & Development in Chemical Sciences	-	07-08 Jan. 2008	DAV College, Abohar, Punjab	National	Attended
7	National Conference on Recent Advances in Chemical Sciences	Extraction of Jojoba Oil using Different Solvents in Relation to Oil Percentage and Oil Quantity	03-05 Oct. 2008	Govt. Dungar College, Bikaner, Rajasthan	National	Research Paper Presented
8	Changing Face of Indian Banking	-	12-13 Dec. 2008	Maharshi Dayanand College, Sri Ganganagar, Rajasthan	National	Attended

### Courses/Training Attended

S.No.	Course Name	Duration	Name of the Institute
1	Orientation Course	09.04.2001 to 05.05.2001	Himachal Pradesh University, Shimla, HP
2	Refresher Course	08.12.2010 to 28.12.2010	Punjabi University, Patiala, Punjab
3	Refresher Course	06.05.2011 to 27.05.2011	Jamia Millia Islamia, New Delhi
4	Refresher Course	28.09.2012 to 18.10.2012	MDS University, Ajmer, Rajasthan
5	Technical Education Quality Improvement Programme	01.07.2020 to 05.07.2020	Government Engineering College, Bikaner, Rajasthan
6	Gyan Ganga - State Level Training Program	07.09.2020 to 11.09.2020	Government Dungar College, Bikaner, Rajasthan

## **Research Supervision**

M.Phil – 17 research scholars

<b>S.No.</b>	<b>Name of the Research Scholar</b>	<b>Topic</b>	<b>Session</b>
1	Vikas Mangla	Factors Affecting The Synthesis of Biodiesel from Mustard Oil	2010-11
2	Pratibha Sharma	Waste Cooking Oil as an Alternate Feedstock for the Production of Biodiesel	2010-11
3	Madhuri	The Effectiveness of Glucosinolate Extraction, Protein and other Nutrients Conservation of Mustard Cake	2010-11
4	Arti Aseri	Preconcentration and Separation of Nickel (II) using Chelating Adsorbent Based on Naphthalene	2010-11
5	Rachana	Physio-Chemical Characterization of the Ground Water of Western Himachal Pradesh	2009-10
6	Amanpreet	The Effects of Blending on Properties of Biodiesel from Soyabean Oil	2009-10
7	Nirmal Singh	A Comparative Study of the Industrial Effluents Characterization of the Hanumangarh Ricco Zone	2009-10
8	Ishu Arora	Effect of Processing on Nutritional Facts of Mustard Seed Cake	2008-09
9	Manoj Kumar	Monitoring of Effluent Characteristics in Paint Industry of Ricco, Sri Ganganagar, Rajasthan	2008-09
10	Hulshita Uraf Seeta	Physico-Chemical and Spectral Characteristics of Biodiesel Synthesized from Mustard Oil	2008-09
11	Nidhi Sharma	Extraction of Jojoba Oil Using Different Solvents in Relation to Oil Percentage and Oil Quality	2007-08
12	Mandeep Kaur	Chemical Status of Different Vegetable Oils Used For Domestic Purpose	2007-08
13	Gursevak Singh	Study on Comparison of Physio-chemical Properties of Jojoba Oil with Industrial Oils	2007-08
14	Ritu Shivnarayan	Study of Physio-Chemical Parameters and their Seasonal Variation in Gang Canal Water of Sri Ganganagar City Area	2006-07
15	Rukmani Devi	Synthetic, Structural and Spectroscopical Studies of some new coordination compounds of aluminium with Schiff Bases	2006-07
16	Vinita Sethi	Study of Physio-Chemical parameters and heavy ions in ground water of Sri Ganganagar City	2006-07
17	Sonia Aggarwal	Estimation of Soil Zinc Concentration in Z-Minor Command Area of Sri Ganganagar District	2006-07