



# Rajiv Gandhi Govt. Degree College, Chaura Maidan, Shimla-4

(NAAC Accredited Co-Educational Institution Affiliated to Himachal Pradesh University, Shimla – 5)

Name : Dr. (Mrs.) Neena  
 Designation : Assistant Professor, Department of Chemistry  
 E.mail : [neeenagautam88@gmail.com](mailto:neeenagautam88@gmail.com)  
 Phone No. : +91-94185-88877, +91-98160-69996  
 Date of Birth : Oct 31, 1979  
 DATE OF JOINING: Contractual 9<sup>th</sup> June, 2010 (09.06.2010)  
 Regular 10<sup>th</sup> May, 2016 (10.05.2016)

## Teaching Experience

UG Classes	:	13 years
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## EDUCATION

Ph.D.	H.P University, Shimla, India,	Chemistry ( Organic )	2007
M.Phil.	H.P University, Shimla, India,	Chemistry ( Organic )	2004
M.Sc.	H.P University, Shimla, India,	Chemistry ( Organic Special)	2002
B.Sc.	H.P University, Shimla, India,	Chemistry, Botany, Zoology	2000
10+2	H.P State Board, Dharamsala	Chemistry, Physics, Biology	1997
10 <sup>th</sup>	H.P State Board,(English, Social, Art, Science, Math's, Hindi etc.)		1995

## RESEARCH EXPERIENCE: 2002-2009 Six and Half Years

### RESEARCH PRIJECT: Done after Ph.D.

- ❖ WOMEN SCIENTIST PROJECT (WOS-B -2007)
- ❖ Project Title: "A Study Towards Synthesis of Biodegradable Polyethylene."
- ❖ Duration : Two years
- ❖ SPONSOR : Department of Science and Technology (DST), Govt. of India,
- ❖ PI: Prof. Inderjeet Kaur
- ❖ Value : 8,80,000/-

### RESEARCH DEGREE: DOCTOR OF PHILOSOPHY (Ph. D)

- ❖ Name of the Scholar: NEENA
- ❖ Title: "Development of Inter Cross Linked Polyethylene Copolymers Evincing Biodegradable Behaviour."
- ❖ Awarded in the year 2007
- ❖ Thesis Guide: Prof. Inderjeet Kaur, Professor, Department of Chemistry, H. P. University, Shimla-5, India.

### RESEARCH DEGREE: MASTER OF PHILOSOPHY (M. Phil)

- ❖ Name of the Scholar: NEENA
- ❖ Title: "Functionalisation of Polyethylene to Induce Biodegradable Behaviour."Title:
- ❖ Awarded in year 2004
- ❖ Thesis Guide: DR. (Mrs.) Prof. Inderjeet Kaur, Department of Chemistry, H. P.

University, Shimla-5, India.

### DEPARTMENTAL EXAM

Passed departmental exam (P1-Financial Administration) on July 21<sup>st</sup> July 2017 under Roll No. 41704159.

### ORIENTATION PROGRAMME

Completed OP, OP-104 conducted by HRDC-Guru Nanak Dev University, Amritsar, Punjab, with **Grade-A** from 15-12-2017 to 11-01-2018.

### REFRESHER COURSE (SUBJECT CHEMISTRY)

Completed RC on Chemistry (Subject) RC-331 from HRDC, HPU, Summerhill, Shimla from 27.09.2021 to 09.10.2021 with **Grade-A**.

### REFRESHER COURSE (ID)

Completed RC on Environment Studies (ID) RC-315 from HRDC, HPU, Summerhill, Shimla from 19.08.2019 to 31.08.2019 with **Grade-A**.

### REFRESHER COURSE (ID)

Completed RC on Advanced Research Methodology (ID) by Teaching Learning Centre, Ramanujan College, University of Delhi, from 22<sup>nd</sup> March to 5<sup>th</sup> April, 2023.

### WORKSHOP

1. Attended UGC sponsored one week online workshop on MOOCs, Online Courses and Open Educational Resources held from 07.12.2020 to 12.12.2020 by UGC-HRDC, HPU, Shimla-5. Attended five days workshop organized by Women and Child Development ministry from 28-02-2017 to 04-03-2017 at RKMV Shimla.

### As RESOURCE PERSON

1. As a resource person, given lecture on **Coordination Chemistry** at **SCERT Solan** on **26-09-2022** (Morning Session 10:45am to 11:45am and 12:00noon to 01:15pm) for In-service Teacher Training Programme for school Lecturers/ PGTs of Chemistry w.e.f. 26-09-2022 to 01-10-2022.

## CONFERENCE PARTICIPATED

Attended National conference on Rastra Nirman ke Liye Uchch Shiksha by H.P. Mahavidyalaya Shaikshik Sangh at Rajiv Gandhi Govt. Degree College, Chaura Maidan on 02.01.2020.

## PAPER PUBLISHED

**Neena Gautam**, Modulation of Properties of Commercial PE by Graft Copolymerization of Starch - A Natural Polymer, *Trends in Carbohydrate Research*, **14 (4)**, 40-47(2023).

## PAPER PRESENTATION

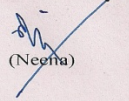
1. Presented paper entitled **“Environmental Impact of E-Waste”** in National Seminar on “Issues of E-Waste Management” organized by GDC Arki, Solan, H.P. in collaboration with state council for Science, Technology and Environment, H.P. Shimla on 17<sup>th</sup> December, 2016.
2. Presented paper entitled **“Processing of Polyethylene to make it Biodegradable to reduce Environmental Pollution”** in National Conference on Environment and Natural Resource Management held at Shoolini University, Solan, H. P. on 23-24 February, 2017.
3. Presented poster entitled **“Potential of Solar energy, Wind power and Hydroenergy for providing Sustainable Livelihoods in Indian Himalayan Region”** in the 2<sup>nd</sup> H.P. Science Congress held from November 20-21, 2017 at Hotel Peterhoff, Shimla on “Science and Technology for Sustainable livelihood in Indian Himalayan Region.
4. Presented paper entitled **“Synthesis and Characterization of Soy protein Grafted Polyethylene: Effect of Reaction Parameters”** in **International Conference** on transforming our world: Opportunities and challenges held from 3<sup>0th</sup> November to 2<sup>nd</sup> December 2018, Organized by RKMV, Shimla in collaboration with Science and Management Society, H.P. at RKMV Shimla.
5. Presented paper entitled **“The Role of Green Chemistry to Prevent Environment al Pollution”** in **International Conference** on Recognising Plurality and Identity: Socio-Economy, Polity, Culture and Environment in Himalayas held from **1<sup>st</sup>- 2<sup>nd</sup>April 2022**, Organized by JLN Govt. Post-Graduate College Haripur, Manali in collaboration with Himalayan Council for Scientific Research (HCSR).
6. Presented paper entitled **“The Role of Science, Technology and Innovation in Environment Prtection”** in **International Conference** on Culture, Identity and Sustainable Development in Himalayas held from **1<sup>6th</sup>-1<sup>7th</sup> August 2022**, Organized by Himalayan Council for Scientific

Research (HCSR) in collaboration with Centre for the Study of Social Exclusion and Inclusive Policy Panjab University-Chandigarh.

## PAPERS PUBLISHED IN BOOKS

S.No	Title with Page nos.	Book Title, editor & publisher	ISSN/ ISBN No.	Peer reviewed
1.	<b>Title:</b> Women-Sensitive Women:Worsen Position during Covid-19 Pandemic <b>Page Nos: 9-14</b> <b>First Edition 2020</b>	<b>Book Title:</b> Women Empowerment Pre and Post Covid- 19 Era  <b>Editor:</b> Suman Malik and Mohammad Arif  <b>Publisher:</b> Balaji Publications, Godwin City, Meerut-250001 (U.P.)	<b>ISBN:</b> <b>978-93-85756-97-9</b>  <b>Main Author</b>	<b>YES</b>
2.	<b>Title:</b> Acid Rain: Its Effect on Environment and Humans <b>Page Nos: 28-32</b> <b>First Edition 2021</b>	<b>Book Title:</b> Indian Folk Traditions and Environment  <b>Editor:</b> Dr. Dayanand Gautam and Dr. Meena Kumari  <b>Publisher:</b> R.D. Publications, Jalandhar	<b>ISBN:</b> <b>978-81-952545-7-6</b>  <b>Main Author</b>	<b>YES</b>

Dated : 31.05.2023  
Place : Shimla



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