



Rajiv Gandhi Govt. Degree College, Chaura Maidan, Shimla–4

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

- Name** : Dr. Nitika Gupta
- Designation** : Assistant Professor (Chemistry)
- Father's Name** : Sh. Amrit Lal Gupta
- Date of Birth** : 05-02-1981
- Residential Address** : Swastik Villa, Mehli Junga Road, Near Kalyan Hardware, Mehli, Shimla. H.P.
- Contact No.** : 9418798115, 7018482447
- E-Mail** : nitikachauhan428@gmail.com, nitikaguptahpu@yahoo.co.on
- Educational Qualification** : M.Sc. (Gold Medalist) ,M.Phil., Ph.D (Organic Chemistry)
- Area of Specialisation** : Polymeric Membranes
- Teaching Experience**

UG Classes	:	13 years
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11. Academic Qualification (Starting from Graduation)

Degree	Subject	Year	University
B.Sc.	Non-Medical	2002	H.P.U, Shimla
M.Sc.	Organic Chemistry	2004	H.P.U, Shimla
M.Phil.	Organic Chemistry	2006	H.P.U, Shimla
Ph.D.	Organic Chemistry	2012	H.P.U, Shimla
UGC NET	Chemistry	Dec. 2005	H P University
Departmental Examination (Dec.2017)			

- Professional Qualification** : B.Ed. (HP University)

13. Research Publications:

PUBLICATIONS

- Modification of Track Etched Fluorinated Films by Radiation Induced Graft Copolymerization, Chemistry & Chemical Technology, Sunita Rattan, Inderjeet Kaur, Nitika Gupta, Devesh Kumar Avasthi, Ambuj Tripathi and Saif Ahmad Khan, Vol. 3(2), (123-128), 2009



2. Tailoring of Teflon-FEP film through Graft-Copolymerization with polar monomers for Desalination processes: Effect of Swift Heavy Ion Irradiation, Inderjeet Kaur, Sunita Rattan, Sandeep Chauhan and Nitika Gupta, Polymer and Polymer Composites, Volume 17 (9), (524-541)2009
3. Gamma Radiation Induced grafting of Binary Mixture of Methacrylic acid and 4-Vinyl Pyridine onto Teflon-FEP Film as an Effective Polar Membrane for Separation Processes, Inderjeet Kaur, Sunita Rattan, Sandeep Chauhan and Nitika Gupta, Nuclear Instruments & Methods in Physics Research, Part-B, Volume 268, (1642)-1652, 2010
4. Swelling, Ion uptake and Biodegradation studies of PE film modified through Radiation Induced Graft Copolymerization, Inderjeet Kaur, Nitika Gupta and Vandna Kumari, Radiation Physics and Chemistry, Volume 80(9), (947-956), 2011
5. Synthesis and characterization of novel smart hydrogels for Uranyl ion uptake under saline conditions, Sandeep Chauhan and Nitika Gupta, Pelagia research library, Volume 3(4), (868-883),2012
6. Functionalization of Commercial Polyethylene Film for use as Biodegradable Membrane, Inderjeet Kaur, Nitika Gupta and Vandna Kumari, Advances in Materials Research, Volume 2. No.1 (15-36), 2013
7. Characterization and application of PVF film grafted with binary mixture of Methacrylic acid and 4-Vinyl Pyridine by gamma radiations: Effect of swift heavy ions, Inderjeet Kaur, Vandna Kumari, Bharti Sharma and Nitika Gupta, Applied Radiation and Isotopes, Volume 79, (118-130), 2013



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14: Presentations/ Participation In International / National Conferences And Seminars

1. Presented a paper in International Conference on “Transforming our world: Opportunities and Challenges” organized by RKMV Shimla, 30th November to 2nd December, 2018.
2. Presented a paper in International Conference on Natural Management For Socio-Economic Development of Western Himalayas, organized by Vallabh Government P.G.College Mandi from 10th to 12th August, 2019
3. Presented a paper in National Conference on Issues and Challenges in Higher Education-II, organized by HGCTA on 5th Dec. 2019
4. Presented a paper in National Conference on Science and Technology for a Sustainable Future, organized by DAV College Jalandhar from 6th to 7th March 2020
6. Presented a paper in multi-disciplinary International Conference on Indian Culture, Science and Traditions held from 13th to 15th Nov.2021 at HFRI Shimla.
7. Presented a paper in multi-disciplinary International Conference on VUCA World: Issues and Challenges held from 9th to 11th Dec., 2022 at RKMV, Shimla.
8. Presented a paper in National Conference on Role of Science and Technology in Environmental Conservation and Sustainable Development, held from 23rd to 24th September, 2022

15. Book(s) Published / Edited

1. Polymer Chemistry, Pradeep Publishers, ISBN Number: 978-93-88875-27-1, 2019,
2. Organic Chemistry by Pradeep Publications, ISBN-978-93-88875-49-3, 2020
3. Polymer Chemistry (second addition) Pradeep Publications; ISBN: 978-93-88875-27-1, 2021
4. Inorganic Chemistry by Pradeep Publications for UG classes, 2021



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16: Orientation/Refresher/Faculty Development Programmes/ Workshop

1. Four-Week Orientation Programme (OP-126) organized by UGC HRDC, Centre, HPU, Shimla, from 8th May to 3rd June, 2017
2. Two-Week Refresher Course in Information and Communication Technology organized by UGC HRDC, Centre, HPU, Shimla from 18th June to 07th July, 2018
3. Two-Week Refresher Course in Chemistry 21 organized by UGC HRDC, Centre, HPU, Shimla, from 27th Sept. to 9th Oct. 2021
4. Two-Week Refresher Course in Advanced Research Methodology, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 22nd March to 5^h April, 2023
5. One-week Short Term Course on “Gender Sensitization” organized by UGC HRDC, Centre, HPU, Shimla, from 19th Nov. to 24th Nov., 2018
6. Two Days Industry Integrated Faculty Development Programme organized by Govt. College Sanjauli from 26th to 27th September 2019.
7. One week Faculty Development Programme organized by Grand Academic Portal, RKMV Shimla and Khambhat College Gujarat, from 15th May to 21st May 2020
8. One week International Faculty Development Programme (online mode) organized by Government College Dhami and Cape Comorin Trust, India, from 21-27 April, 2021
9. One week Faculty Development Programme on Blended Learning organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 21st May to 27th May, 2022
10. Attended one-week multi-disciplinary International Workshop on Indian Culture, Science and Traditions held from 5th Nov. to 11th Nov. 2021 at HFRI, Shimla.

I certify that the information provided is correct to the best of my knowledge and belief.

Place: Shimla

Date: 02.06.2023

Nitika Gupta