

Curriculum Vitae



- 1.Name: Dr. Upasna Devi
- 2.Designation: Assistant Professor
- 3.Subject: Chemistry
- 4.Academic Qualifications: M.Sc., NET, GATE and Ph.D.
- 5.Areas of interest/Specialization: Organic Chemistry
- 6.Date of Birth: 05/04/1984
- 7.Date of Joining: 22/03/2019
- 8.Experience: 07 years
- 9.Official Address: Raghunath Girls' Post Graduate College, Meerut
- 10.Contact no. : 8077507626
- 11.Email: upasnamotla2@gmail.com & upasnamotla08@gmail.com
- 12.Areas of research: Synthetic Organic Chemistry and Computational chemistry
- 13.Digital Profile

You-Tube-Dr. Upasna

- Googler Scholar: <https://scholar.google.com/citations?user=o1YHTKIAAAAJ&hl=en>
- Orcid: <https://orcid.org/0000-0002-1059-3351>
- Vidwan: <https://vidwan.inflibnet.ac.in/profile/490970/NDkwOTcw>
- Web of Science: [IDQLV-7499-2026](https://www.webofscience.com/wos/doi/10.1155/2026/IDQLV-7499-2026)

14. **Achievements:**

Worked as a member of judgement panel in the Divisional Level Science Exhibition held at D.N.Inter Collrge, Meerut in the year 2025 & 2023

15. Research Papers published:-

S.No	Title of the paper published (with Page no.)	Research Journal (with Vol.no.)	Year	ISSN	Whether peer reviewed ,UGC listed, Impact Factor if any	Digital Link, if any
1. 1	Nanotechnology in agriculture and food science Page:110-117	Voyager (Vol-XVI)	2025	ISSN: (P) 0976-7436 (e) 2455-054X	Peer Reviewed	https://doi.org/10.31995/voyager.2025.v16.012
2.	The Role of Flavonoids as Holistic Medicines page: 051-061	Journal Global Values (Vol-XVI)	2025	(P)0976-9447 (e) 2454-8391	Peer Reviewed	https://doi.org/10.31995/jgv.2025.v16iSI08.008
3.	Overview of Biological Significance of Chromones and Flavones Heterocyclic letters page: 247-256	Heterocyclic letters (Vol-9)	2025	2230 9632 (Online)	UGC Care-Listed (Web of Science) Impact Factor= 0.1	http://heteroletters.org/issue151/Review%20No.5.pdf
4.	Integrating Computational Chemistry for Green and Sustainable Chemical Synthesis	Voyager (Vol-XV)	2024	(P)0976-7436 (e) 2455-054X	Peer Reviewed	https://doi.org/10.31995/voyager.2024.v15.007
5.	Synthesis and Characterisation of 6-Chloroacetyl 2- Aryl/H Chromones page: 2643-2645	IJARESM (vol-9)	2021	2455-6211	Peer Reviewed	https://www.ijaresm.com/synthesis-and-characterisation-of-6-chloroacetyl
6.	Synthesis of some substituted chromones: Review page: 272-282	Progressive Agriculture(vol-21)	2021	Print ISSN:0972-6152 Online ISSN:0976-4615	Peer Reviewed	https://doi.org/10.31995/jgv.2025.v16iSI08.008

16. Articles in Books

S.No	Title of the Article published with page no.	Title of the Book/Conference Proceedings	Year	ISBN	Detail of the Publisher	Published by International / Local Publishers	Digital Link (if any) DOI
1.	Artificial Intelligence: A Future Career Path and Skill Course Page: 206-212	Innovation in Education: Teacher Education, Technology and Beyond	2025	978-81-991285-9-0	Nrityanjali Publication House Uttar Pradesh, Bharat	National	https://doi.org/10.5281/zenodo.20691668
2.	Docking Tools in Computational Drug Discovery Page: 64-75	Recent advancements in sciences	2025	978-81-990617-1-2	Genic Book Publication	National	10.5281/zenodo.20680312
3.	Deforestation: Causes and Impacts page: 206-212	Sustainable Development Through Applied Science: Emerging Trends and Practices	2024	978 81 976812-1-9	Genic Book Publication	National	
4.	Introduction of Nanomaterials page:62-70	Green Chemistry and Sustainable Environment	2024	978 81 980575-5-6	Genic Book Publication	National	
5.	Role of Flavonoids as Immunity Booster against covid-19 page:131-136	Strategies to Control the Covid-19 Pandemic and Reversal of its Effects	2022	978-93-91576-82-0	Divya Lakshmi Publication	National	
6.	Origin, Sources, and Disposal of Solid Waste: Need for Healthy Environment page:330-339	Global Environmental Justice	2021	978-93-90818-44-0	Bharti Publication	National	

7.	Atmospheric Iodine: Origin and Fate page:166-171	Post-Covid-19 Research Advancement in the Arena of Agriculture, Environment & Life Sciences	2020	978-81-946866-6-8	Learning Media Publication	National	
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17. Patents (if any):

S.No.	Title of Patent	Detail of Patent (International/ National)
1.	Evaluation of the ability of an ethnolic extract taken from the whole plant of <i>Cyathula prostrata</i> (L.) Blume to prevent the formation of urolithiasis.	Indian(National) Published
2.	Solar panel with radiator cooling system	Indian(National) Awarded
3.	Synthesis Laboratory Devices for Measurement of Photoluminescence	U.K. (International) Awarded

18. Faculty Enrichment Programme Attended:

S.No	Detail of the FDP/FEP	Date(s) of the event	Organizer & Sponsor	International/National/ State/ University
1.	Participated in five days workshop/FDP on "Herbal Entrepreneurial Wellness: Business, Sustainability and Herbal	10-12-2024 14-12-2024	Raghunath Girls' Post Graduate College, Meerut	College
2.	FDP on "New Trends in Research Methodology"	11/02/2023-17/02/2023	Raghunath Girls' Post Graduate College, Meerut	University
3.	Attended fourteen days online refresher course in chemistry and achieved certificate with grade A	29/11/2022-13/12/2022	TLC-Ramanujan College, University of Delhi	National
4.	Attended one month online Faculty Induction Programme and achieved certificate with grade A	17/07/2021-24/08/2021	UGC-HRDC, Aligarh Muslim University	National
5.	Attended five days online Faculty Development Programme on "Teaching through E-Learning Technologies: Development of E-Content"	31/05/2020-04/06/2020	Jointly organized by IIPA, Bareilly Chapter, U.P. and III Technology and Management, M.P.	National
6.	Attended seven days workshop on "Research Methodology Interdisciplinary"	18/12/2019-24/12/2019	Organized by INPG College, Meerut and sponsored by UGC.	National

19. Seminar/ Workshop/ Conference Attended:

<i>S.No</i>	<i>Detail of the Conference/ Seminar</i>	<i>Organizer & Sponsor</i>	<i>Date(s) of the event</i>	<i>Venue of the event</i>	<i>International/National / State/ University</i>
1.	Attended one day workshop	Ministry of Education Government of India. Regional Coordinating Institute Unnat Bharat Abhiyan, I.I.T. Roorkee	07/03/2026	I.I.T. Roorkee	International
2.	Attended a National Conference on "Induction training for teachers at higher education institution (HEIs): Today's need for enhancing quality of higher education"	Raghunath Girl's Post Graduate College, Meerut	21/12/2022-22/12/2022	Raghunath Girl's Post Graduate College, Meerut	National
3.	Attended a Global Water Congress 2020 (E-Conference)	Environment and Social Development Association, Delhi.	02/10/2020-04/10/2010	Online	International
4.	Attended an International Webinar on "NewHorizons in Chemical Sciences & Technology"	CH. Chhotu Ram P.G. College, Muzaffarnagar.	29/09/2020	Online	International
5.	Attended one day workshop on Understanding Academic Integrity and Practices to Avoid Plagiarism	Organized by Department of English, D.N. College Meerut	20/09/2019	National	National
6.	Attended an International E-Conference on "Recent Trends in Advancement of Mathematical and Physical Sciences"	Deva Nagri College, Meerut.	22/05/2022-23/05/2023	Online	International

20. Seminar/ Workshop/ Conference/ Exhibitions Organised:

S.No	Detail of the Conference/ Seminar/Exhibitions (including Sponsor)	Date(s) of the event	Venue of the event	International/ National/ State/ University	Role
1.	A five days online hands-on workshop on “Molecular Docking: Basic to Application in Drug Discovery” organized by Dept. of Chemistry R.G.P.G. College, Meerut & AVASTAMBH , Kanpur	29/11/2024 03/12/2024	Online platform	National	organizing secretary
2.	Worked as member of organizing committee in two week Refresher programme jointly organized by Raghunath Girl's Post Graduate College, Meerut and Ramanujan teaching learning centre under PMMMNMTT scheme.	29/08/2023- 12/09/2023	Online platform	National	Member of organizing committee
3.	Worked as member of organizing committee in one week FDP jointly organized by Raghunath Girl's Post Graduate College, Meerut and Mahatma Hansraj Faculty Development Centre under PMMMNMTT scheme.	24/04/2023- 29/04/2023	Online platform	National	Member of organizing committee
4.	Worked as member of organizing committee in FIP jointly organized by Raghunath Girl's Post Graduate College, Meerut and GAD-TLC under PMMMNMTT scheme.	25/02/2023- 27/03/2023	Online platform	National	Member of organizing committee
5.	Worked as an organizing secretary in Intercollegiate Article writing competition on science day.	28/02/2023	Department of Sciences, R.G.P.G. College, Meerut.	Intercollegiate / Interuniversity	Organizing secretary
6.	Worked as an organizing secretary in Guest lecture on the topic “Coordination compounds Doing wonders in pharmaceuticals”	12/11/2022	Department of Chemistry, Raghunath Girls' Post Graduate College, Meerut	College	Organizing secretary

21. Invited lectures/ Resource person/ Paper Presented in Conferences/ Seminar/ Workshops:

<i>S.N</i>	<i>Title of the Invited Lecture/paper presented</i>	<i>Detail of the Conference/ Seminar(including organizer& Sponsor)</i>	<i>Date(s) of the event</i>	<i>Venue of the event</i>	<i>International /National/ State/ University</i>	<i>Role</i>
1.	Presented a paper in one day International Seminar on " From Ancient Wisdom to Modern Innovation: Leveraging Indian Knowledge System for Viksit Bharat @2047 "	R.G.P.G. College, Meerut	26/02/2026	R.G.P.G. College, Meerut		Presenter
2.	Presented a paper in one day International Seminar on Scientific Writing and Publication: Bridging Research and Readership	R.G.P.G. College, Meerut	22/11/2025	R.G.P.G. College, Meerut	International	Presenter
3.	Presented a paper in International Conference on Contemporary Trends in Science and Technology for Global Impact	Meerut Institute of Technology, Meerut	10/07/2025-12/07/2025	Online	International	Presenter
4.	Presented a paper in International Conference on Restore the Earth: One Planet, One Mission with Sustainable Living	Saksham Society and Dept. Of Botany, Raghunath Girls' Post Graduate College, Meerut	05/06/2025	Online	International	Presenter
5.	Participated as a resource person in One Day National Conference on "Recent Advancements in the Field of Science and Technology"	Department of Chemistry, Keral Verma Subharti College of Science, SVSU, Meerut	02/06/2025	Keral Verma Subharti College of Science, SVSU, Meerut	National	Resource person (Speaker)
6.	Presented a paper in one day National Seminar on	Organized by Meerut College,	30/03/2025	Meerut College,	National	Presenter

	"Sustainable Technologies for Ecological Restoration" organized by Dept. of Chemistry, Meerut College, Meerut (Enclosure-6)	Meerut and Sponsored by Uttar Pradesh Higher Education Department (UPHED)		<i>Meerut</i>		
7.	Presented a paper Entitled <i>Role of Iodine Oxide Particle in Climate Change</i> in two days National Seminar on "Climate Change & Natural Disasters: Preparedness, Mitigation & Management Strategies" organized by	Dept. of Geography, Meerut College, Meerut Sponsored by Indian Council of Social Science Research, New Delhi	23-11-2024 24-11-2024	<i>Dept. of Geography, Meerut College, Meerut</i>	National	Presenter
8.	Presented a paper entitled <i>Chemical Innovations and Economic Strategies for Reducing Carbon Dioxide Emission and Mitigating Climate</i> in one day National Seminar on "Environmental Crises and Developing Economics: Challenges, Strategies and Solutions (Intergrating GEP to foster Ecological and Economic Resilience)	Dept. of Economics, Plant Conservation Society & Vasudha Eco Club Raghunath Girls' Post Graduate College, Meerut	19-11-2024	<i>Raghunath Girls' Post Graduate College, Meerut</i>	National	Presenter
9.	Presented a paper entitled <i>Synthesis of Some Substituted Flavones and their Computational Studies</i> in three days International Conference on "Recent Innovations in Biomedical Sciences & Healthcare for Sustainable Development (ICBSH-2024)" organized by the	School of Biomedical Sciences, Institutes's Innovation Council, IQAC & GICRISE, Galgotias University, India Sponsored by Department of Science and Technology (DST)	02-09-2024 04-09-2024	<i>Online 02-</i>	International	Presenter
10.	Participated in two days Innovation & Entrepreneurship Training	Institutes's Innovation Council, &	04-07-2024 05-07-2024	<i>Online</i>	State Regional	Attendee

	& Exposure Visit	GICRISE, Galgotias University, U.P. India. Galgotias University, U.P. Sponsored by India All India Council for Technical Education (AICTE), Ministry of Education, Government of India.				
11.	Presented a paper entitled <i>Synthesis and Docking Studies of some Flavone-Thiazole hybrid Compounds</i> in two days International “Conference on Recent Advances in Science and Technology”	Dept. of Chemistry, HNB Govt. PG College, Khatima, Uttarakhand and IITyam Academy ,Delhi	04/11/202 3- 05/11/202 3	(Online)	International	Presenter
12.	Presented a paper entitled Green Synthesis of 6-Chloroacetyl chromone/flavone in National conference on “Recent trends in Material & Life Sciences”	organized and sponsored by Dept. of chemistry, M.D.U, Rohtak	29/09/202 3	Mahars hi Dyanand Universit y, Rohtak	National	Presenter
13.	Presented a paper entitled Role of Flavonoids as Nutraceuticals in National seminar on “Health and Wellness in Changing Environment”	organized by Dept. of psychology, Meerut College Meerut sponsored by IMPRESS Project, ICSSR MOE, Govt. of India	26/03/202 3	Meerut College Meerut	National	Presenter
14.	Presented a paper entitled Social Media A Recent Approach In Advanced Chemical Research.	National seminar on “Social Media: Society and Culture” organized by Dept of History, Harsh Vidya Mandir P.G.	04/12/202 1	Harsh Vidya Mandir P.G. College, Raisi, Haridwa r	National	Presenter

		College, Raisi, Haridwar Uttarakhand and sponsored by ICSSR , New Delhi.		<i>Uttarak hand</i>		
15.	Presented a paper entitled Synthesis of some medicinally active flavones.	4 th International Conference on Food And Nutrition organized by Kelantan University Malaysia and Universal Society of Food and Nutrition.	23/09/2021-24/09/2021	<i>Online platform</i>	International	Presenter
16.	Presented a paper entitled Synthesis of some substituted chromones.	4 th Global Meet on Science and Technology for Staying Healthy & Feeding Evergrowing Population WorldWide organized by HI-TECH HORTICULTURAL SOCIETY, MEERUT in collaboration of SRDA and college of horticulture, SVPUA & T Meerut	12/09/2021-13/09/2021	<i>Online platform</i>	International	Presenter
17	Presented a paper entitled “Flavonoids: Medicinally Active Pharmacophore”	Presented a paper in a seminar on Medicinal Plants and Herbal Immune-Boosters in Covid-19 Pandemic and Beyond: Current Scenario & Future Prospects	09/04/2021	<i>Online platform</i>	National	Presenter

		organized by Department of Botany, Raghunath Girl's Post Graduate College, Meerut sponsored by UPHED				
18	Presented a paper entitled Oceanic origin of Iodine Oxide Particles in Atmosphere.	National Conference on "Water Footprints" organized by Sanjay Gandhi P.G. College Sarurpur Khurd, MEERUT and sponsored by Uttar Pradesh Higher Education Department.	31/01/2020	<i>Sanjay Gandhi P.G. College Sarurpur Khurd, MEERUT</i>	National	Presenter
19	Presented a paper entitled Impact of Long Term Exposure of Nox on Human Cardiovascular System.	National Conference on Green Development For Environmental Concerns & Sustainable Progress organized by A.S.P.G. College, Mawana, Meerut and Sponsored by Uttar Pradesh State Council of Higher Education Govt. of Uttar Pradesh.	01/12/2019	<i>A.S.P.G. College, Mawana , Meerut</i>	National	Presenter

22. Administrative Experience:

- Working as a **Co-ordinator of PCM Department (Self Finance)** since 2025.
- Working as **convener of R. G. P. G. Innovation Cell** since **2024**.
- Worked as a **Convener of Chemistry Association** from **2021-2026**.
- Worked as a **Departmental Incharge of College-o-Scope** from **2019-2025**.
- Worked as a member of Online Education & LMS Cell-under NEP, Library Committee, NSS Committee, Activity Club & Teachers' Reskilling Cell in the session **2025-26**.
- Worked as a **Co-convener of Teachers' Re-skilling Cell- under NEP** in the session **2024-2025**.
- Worked as a member of Academic and Career Counselling Cell, & Online Education & LMS Cell-under NEP in the session **2024-25**.
- Worked as a member of Sports committee, Vasudha Eco Club, Website Committee, R. G. P. G. Innovation Cell, Library Committee, Website Committee, Institutional Development Cell, Teacher's Re-skilling Cell- under NEP, & Online Education & LMS Cell-under NEP in the session **2023-24**.
- Worked as a member of Sports committee, Vasudha Eco Club, Library Committee, Institutional Development Cell Proctorial Board, & Progressive Women Forum in the session **2022-23**.
- Worked as a member of Sports committee, Vasudha Eco Club, & Library Committee in the session **2021-22**.
- Worked as a member of Road safety & Transport Committee, & Library Committee in the session **2020-21**.
- Worked as a member of Academic and Career Counselling Cell, NSS Committee, National Festival Committee, & Plantation Committee in the session **2019-20**.

23.Future plans: Research work in Computational Chemistry.