


Profile of the Faculty Member

1.	Name of the Faculty member	Dr. Gita Chawla	
2.	Designation	Professor	
3.	Qualifications	M.Pharm., PhD (Pharmaceutical Chemistry)	
4.	State of Domicile	Delhi	
5.	Department & School	Pharmaceutical Chemistry, School of Pharmaceutical Education and Research	
6.	Details of Courses taught	<ul style="list-style-type: none">• D.Pharm. (Inorganic chemistry)• B.Pharm. (Inorganic, Medicinal and Pharmaceutical chemistry theory & practical, Organic Chemistry I theory & practical, Medicinal Chemistry-III theory & practical, fourth-year Medicinal Chemistry practical, VII semester practice school, VIII semester project work)• M.Pharm. (Advanced Pharmaceutical Analysis, Food analysis, Herbal and cosmetic analysis, Advanced organic chemistry -I &II), Pharmaceutical Chemistry practical II, Seminars, Research work)• PhD course work (organic chemistry)• Research guidance. PhD	
7.	Research Thrust Areas	Synthetic medicinal chemistry and pharmaceutical analysis, Design and synthesis of bioactive molecules with special reference to heterocyclic moieties in the field of anti-inflammatory, antimicrobial, antidepressant, antianxiety and antidiabetic activities.	
8.	Emails	gchawla@jamiahamdard.ac.in gita.chawla@yahoo.in	
Publications			

9.	Publications in peer-reviewed National & International journals, Citations, H-index	<p>For Publications view profile at:</p> <p>https://scholar.google.com/citations?hl=e%20n&user=UcxCtPsAAAAJ</p> <p>https://www.scopus.com/authid/detail.uri?authorId=6603782838</p> <p>https://orcid.org/0000-0003-1745-9697</p>
Books & Book chapters published		
10.	Books chapters in edited books of international publishers	<p>Book Title: Computational Drug Discovery Chapter Title: Lead-hit-based methods for drug design and ligand identification</p> <p>Chapter DOI: http://dx.doi.org/10.1515/9783111207117-002</p> <p>Publisher: De Gruyter</p> <p>Year: 2024</p>
Research grants and consultancy projects		
11.	Number of research grants from govt. funding agencies as PI	<ul style="list-style-type: none"> ICMR-funded project, File No. IIRP-2023-5527, 2023 titled “Development of New Quinoxaline based 2-Pyrazolines as Potent and Selective MAO-A Inhibitors: In silico studies, Synthesis and Biological Evaluation. Total cost of project- Rs 54,40,081 (ONGOING) SERB, DST funded project, File No. CRG/2020/002630, 2021 titled “Development of some novel thiazolidine-4-one analogs as potential PPAR-γ agonists for the treatment of Type 2 diabetes: in silico studies, synthesis and biological evaluation”, Total cost of project-35,98,360/- (COMPLETED)
Research supervision		
As Supervisor		
12.	Number of Ph.D. Guided	02 Awarded, 02 ongoing
13.	Number of Master’s theses/dissertations Guided	30 Awarded, 02 ongoing
As Co-supervisor		
14.	Number of Ph.D. Guided	02 Awarded
15.	Number of Master’s theses/dissertations Guided	03 Awarded
Presentations in conferences as speaker/ resource person		

16.	Number of presentations in National or International Conferences in India	Oral: 05 Poster: 43
17.	Number of presentations in International Conferences abroad	Oral: 01 Poster: 01
National awards, honors and fellowships received		
18.	<ul style="list-style-type: none">➤ Junior research fellowship by UGC in 1990.➤ Senior Research Fellowship by UGC in 1992.➤ Secured 2nd position as research paper presenter in 26th Annual conference of IPGA held on 2nd April 2011, New Delhi.➤ A certificate of recognition was awarded by Jamia Hamdard on Science Day, 28th February 2017, for research work which has been published in high impact factor journal.➤ Felicitated with certificate of recognition by Jamia Hamdard on Science Day, 28th February 2024, in the following two categories: Category I: Highly cited papers (citations more than 100) Category II: Research projects (above 50 lakhs)	
Staff development/Refresher/Short-term training programme/Webinars organized		
19.	<ul style="list-style-type: none">➤ Lecture series for sensitization on transformative reforms under New Education Policy (NEP)-2020. Six lectures organized between August, 2021-April, 2022.➤ One-day online workshop on “Cloud-based Hands-on Workshop: Rational Computational Drug Design Approaches” in collaboration with Schrodinger, May 4, 2022.➤ Two-day cloud-based hands-on workshop in collaboration with Schrodinger on “Cloud-based Hands-on workshop: Computationally Driven Drug Design Workflows” from 29 to 30 March 2023.➤ One-day workshop on “Infrared spectroscopy unleashed: workshop on Bruker Alpha II Operation” in association with Lab India Analytical Instruments Pvt. Ltd., 6th September 2023.➤ Two-day cloud-based hands-on workshop in association with Schrodinger India Pvt. Ltd. on “Computational Drug Design Approaches” from July 18-19, 2024.	
Member(s) of national committees		
20.	<ul style="list-style-type: none">➤ Life member Indian Pharmacy Graduates' Association (IPGA), Association of Pharmaceutical Teachers of India (APTI), Asian Polymer Association (APA), Indian society of analytical scientists (Delhi chapter) (ISAS), society of pharmacognosy and Indian Society for Technical Education (ISTE).➤ Member, DSRC, DIPSAR-DPSRU since 2021➤ Member, Steering committee, Centre of Excellence in Pharmaceutical Sciences, GGSIPU.➤ Member of editorial board of Journal of Pharmacy and Bio allied Sciences since 2009. ISSN Print 0976-4879, Online 0975-7406.➤ Member of editorial board of international journal of pharmaceutical chemistry	

Administrative responsibilities/ participation in committees of Jamia Hamdard

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| 21. | <ul style="list-style-type: none"> ➤ Chairperson, Program committee M.Pharm. ➤ Chairperson, Program committee B.Pharm. ➤ Chairperson, Student Grievance Redressal Committee (Institutional portal) ➤ Member, School Board, HILSR ➤ Member, School Board, SPER ➤ Member, Board of studies (BoS), Department of Pharmaceutical Chemistry, SPER ➤ Coordinated lecture series 2021 of SPER. ➤ Formulated mentor-mentee program for B. Pharm students. ➤ Acted as a member of the library committee. ➤ Acted as convener and Deputy superintendent to conduct various examinations along with performing invigilation duties in different examinations. ➤ Acted as a member of the admission committee and admission promotion committee. ➤ Acted as member of faculty-level anti-ragging committee. ➤ Acted as in-charge of M.Pharm. Laboratory. ➤ Teacher in charge to conduct sessional examinations of D.Pharm, B.Pharm and M.Pharm courses and conducted PhD examinations also. ➤ Acted as tabulator of examination work. ➤ Acted as a member of convocation organizing committee and also contributed during AAA /PTV mock visit. ➤ Acted as member of the board of research studies and academic council. ➤ Acted as organizer to conduct seminars of M. Pharm class. ➤ Leader of flying squad team. ➤ Acted as teacher in-charge to conduct educational tour. ➤ Acted several times as member and coordinator of committee of sports and cultural week to conduct different events. ➤ Participated in Rx as member of advisory board and literary committee. ➤ Acted as judge of different events during sports and cultural week. |
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| 22. | <ul style="list-style-type: none"> ➤ Reviewed many manuscripts for different journals (Springer Journals, Bentham journals, Wiley journals, Chronicles of Young Scientist, Elsevier and J. of Pharmacy and bioallied sciences). ➤ Acted as chairperson of the evaluation committee for scientific oral and poster sessions in conferences. ➤ Evaluation of M. Pharm and PhD theses. ➤ Reviewed chapters on pharmaceutical organic chemistry of Pearson education. ➤ Invited as an expert in the Selection Committee for the posts of Professor and Associate Professor at various Universities. ➤ Set question paper for selection of Assistant Professor (Pharmacy) through Himachal Pradesh Service Commission in 2020. ➤ Acted as external examiner in different universities/ institutes (DIPSAR, DPSRU, MSIP Janakpuri, Rajasthan University, University of Gwalior, Panjab University, Chandigarh, MDU Rohtak, SGT University, Gurgaon, Pt. B.D. Sharma University |
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	<p>Rohtak, Guru Jambheshwar University Hisar), GGSIP and internal examiner for different examinations of Jamia Hamdard.</p> <ul style="list-style-type: none"> ➤ Shared views on an article with India Science Wire (ISW) for their newsletter. ➤ Contributed as a content reviewer for ten modules under the ePathshala program. ➤ Worked as Asst. manufacturing chemist in Gratus Pharma, New Delhi from Sept' 1989 to June 1990.
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