STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

Title	**Dr.**	First Name	**MAHESH**	Last Name	**CHAND**	
Designation		**Assistant Professor**				
School /Dept. Name		University School of Automation and Robotics (USAR), East Delhi Campus of Guru Gobind Singh Indraprastha University, New Delhi- 110092				
Address:		D-003, Bluemoon Homes, Rajnagar Extention, Ghaziabad, U.P.- 201017				
Phone No.		Office				
		Residence	(optional) **+91-9560203470**			
		Mobile	(optional) **+91-9560203470**			
Email		1. mahesh.usar@ipu.ac.in		2. mahesh.chand2008@gmail.com		
Web Page (if any)		1. https://scholar.google.com/citations?user=tI4WFNgAAAAJ&hl=en 2. https://www.linkedin.com/in/mahesh-chand-a368276b/?lipi=urn%3Ali%3Apage%3Ad_flagship3_feed%3BdTd7xkftRiS5caSrLbEjEg%3D%3D				
Subjects Taught		**Specialization: Organic and Bio-organic Chemistry** **Course Taught at the PG level:** Name Reactions and their Mechanism, Stereochemistry, Spectroscopy (UV-Vis, IR, 1H NMR & 13C NMR and Mass spectrometry), Natural Products, Photochemistry, Pericyclic Reactions, Organic Synthesis, Retrosynthesis, Green Chemistry and Organic Chemistry laboratory classes for Masters. **Course Taught at the UG level:** Atomic structure, Chemical Bonding, Polymers, Nanotechnology, Basic Organic Chemistry, Hydrocarbons, Functional Groups, Reactions intermediates and Reaction Mechanism, Stereochemistry, Spectroscopy, Carbohydrates, Lipids, Proteins, Periodic Properties, s,p,d,f elements, Chemical Kinetics, Thermochemistry, Thermodynamics, Solutions, Green Chemistry, Pesticide Chemistry. All kind of laboratory classes in the various undergraduate courses.				
Areas of Interest/ Specialization		Bio-organic Chemistry, Synthetic Organic Chemistry, Heterocyclic Chemistry, Natural Product Chemistry				
Experience (in years)		Total	**08 Years**			
		Industry	--			
		Teaching	**08 Years**			
		Research	**06 Years**			
Educational Qualifications		UG	B.Sc.			
		PG	M.Sc. (Organic Chemistry)			

	Doctorate	Ph.D. (Bio-organic Chemistry)
	Any other – Diploma in IPR	M.Phil. (Natural Product Chemistry)
Research Publications in Journals (last 5 years)	1. **Mahesh Chand** and Shilpika Bali Mehta, QUINAZOLINONE AS POTENTIAL NUCLEUS FOR BIOLOGICAL INTEREST, Chemistry & Biology Interface, 2023, 13, 3, 74-88, (ISSN: 2249 –4820). 2. **Mahesh Chand**, Reena Kaushik and Subhash C. Jain, Synthesis, antimıcrobıal & antioxidant activities of hybrid molecules containing benzotriazole and 1,2,4-triazole. Turkish Journal of Chemistry, 2018, 42, 1663–1677. (E-ISSN: 1303-6130, ISSN: 1300-0527, I.F.: 1.37). doi:10.3906/kim-1803-61. 3. **Mahesh Chand**, Reena Kaushik, Mohd. Rashid and Subhash C. Jain, Synthesis and antimicrobial evaluation of novel 4-methyl-7-((5-aryl-4H-1,2,4-triazol-3-yl)methoxy)-2H-benzopyran-2-ones. Der Pharma Chimica, 2018, 10(8), 150-156. ISSN: 0975-413X, I.F.: 0.38). 4. Reena Kaushik, **Mahesh Chand**, Mohd. Rashid and Subhash C. Jain, Synthesis of Novel 2-Acetamidothiazoles Tethered with 1,2,3-Triazole and Pyridine Pharmacophores. Heteroatom Chemistry, 2018, accepted. Article ID:HC21447, Article DOI: 10.1002/hc.21447, Internal Article ID: 16070504. ISSN: 1042-7163, I.F.: 1.137). 5. **Mahesh Chand**, Solvent Free Synthesis of Biscoumarin. Archive Journal of Organic and Inorganic Chemical Sciences, 2018, 1-4. (ISSN: 2150-3494). 6. Reena Kaushik, **Mahesh Chand** and Subhash C Jain, Synthesis and antimicrobial evaluation of nitrogen containing novel heterocyclic Chalcones. Synthetic Communication, 2018, 48(11), 1308-1315. ISSN: 0039-7911 (print); 1532-2432 (web), I.F.: 1.377). 7. Mohd. Rashid, **Mahesh Chand** and Archana Gupta, Benzoxazine: A Biological Study of Benzoxazine and Their Derivatives. Heterocyclic Letters, 2018, 8(2), 477-485. accepted. (ISSN: 2230 – 9632, I.F.: 3.83). 8. **Mahesh Chand**, Archana Gupta and Subhash C. Jain, Antimicrobial activites of quinazolinone and their Derivatives: a review. Heterocyclic Letters, 2017, 7, 1, 201-214. (ISSN: 2230 – 9632, I.F.: 3.83). 9. **Mahesh Chand**, Archana Gupta and Subhash C. Jain, Biological profile of coumarins (7-hydroxy-4-methyl-2hbenzopyran-2-ones). Heterocyclic Letters, 2017, 7(1), 215-230. (ISSN: 2230–9632, I.F.: 3.83). 10. Khushbu Kushwaha, Nagendra Kumar Kaushik, Neha Kaushik, Eun ha Choi, **Mahesh Chand** and Subhash C. Jain, Design, Synthesis and Anticancer Activity of Aminoalkylated Azaphenothiazines. Bioorganic & Medicinal Chemistry Letters, 2016, 26(9), 2237–2244. (ISSN: 0960-894X, I.F.: 2.486). 11. Reena Kaushik, Khushbu Kushwaha, **Mahesh Chand**, Monika Vashist and Subhash C Jain, Design and Synthesis of 2,5-disubstituted-1,3,4-oxadiazole hybrids bearing pyridine and 1,2,3-triazole pharmacophores. Journal of Heterocyclic Chemistry, 2016, 54, 1042–1047. (ISSN: 1943-5193, I.F.: 0.685). 12. Donatella Verbanac,] Ritu Malik, **Mahesh Chand**, Khushbu Kushwaha, Monika Vashist, Mario Matijašić, Višnja Stepanić, Mihaela Perić, Hana Čipčić Paljetak, Luciano Saso and Subhash C Jain, Synthesis and biological profiling of novel 2-phenyl-quinoline analogues derivatized at position 4	

	with aromatically substituted 4H-1,2,4-triazoles. Journal Of Enzyme Inhibition And Medicinal Chemistry, 2016, 31, 104-110. (ISSN: 1475-6366-6374, I.F.: 2.50). 13. Khushbu Kushwaha, Monika, **Mahesh Chand** and Subhash C. Jain, CuI catalyzed highly efficient regioselective one pot synthesis of 1,4-disubstituted-1,2,3-triazolyl pyridines. Journal of Heterocyclic Chemistry, 2015, 53, 1106-1110. (ISSN: 1943-5193, I.F.: 0.685). 14. Siva S. Panda, **Mahesh Chand**, Rajeev Sakhuja and Subhash C. Jain, Xanthones as potential antioxidants. Current Medicinal Chemistry, 2013, 20(36), 4481-4507. (ISSN: 0929-8673, I.F.: 3.455). 15. Donatella Verbanac, Subhash C Jain, Nidhi Jain, **Mahesh Chand**, Hana cipcic Paljetak, Mario Matijašic, Mihaela Peric, Višnja Stepanic and Luciano Saso, An efficient and convenient microwave-assisted chemical synthesis of (thio)xanthones with additional in vitro and in silico characterization. Bioorganic & Medicinal Chemistry, 2012, 20, 10, 3180-3185. (ISSN: 0968-0896, I.F.: 2.923). 16. Siva S. Panda, Ritu Malik, **Mahesh Chand** and Subhash C Jain, Synthesis and antimicrobial activity of some new 4-triazolylmethoxy-2H-chromen-2-one derivatives. Medicinal Chemistry Research, 2012, 21, 3750-3756. (ISSN: 1054-2523, I.F.: 1.436).
Papers Published in Conference Proceedings(last 5 years)	
Books Authored/ BookVolume Chapters	

<table>
<tr><td rowspan="3">No. of Conferences</td><td rowspan="2">National</td><td colspan="2">Attended</td><td>Organized</td></tr>
<tr><td colspan="2">06</td><td></td></tr>
<tr><td>International</td><td colspan="2">12</td><td></td></tr>
<tr><td rowspan="3">Research Guidance</td><td rowspan="2">Awarded</td><td>PG</td><td>M. Phil</td><td>Doctorate</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Undergoing</td><td></td><td></td><td></td></tr>
<tr><td rowspan="2">Research Projects</td><td>Completed</td><td colspan="3"></td></tr>
<tr><td>Undergoing</td><td colspan="3"></td></tr>
<tr><td>Awards & Distinctions</td><td colspan="4">• First Position in oral presentation International conference 'Recent Trends in Drug Discovery and Development in Maitreyi College DU.
• Awarded Senior Research Fellowship (SRF) by UGC, May, 2012.
• Qualified Junior Research Fellowship (JRF) conducted by CSIR-UGC, June, 2008.
• Qualified National Eligibility Test (NET) for lectureship conducted by CSIR-UGC, June, 2008.
• Awarded RGNF (Rajiv Gandhi National Fellowship) for M.Phil. 2005-06.</td></tr>
<tr><td>Administrative Assignments Handled</td><td colspan="4">▪ Member SSR Criteria 1 committee Kalindi College (NAAC Data Preparation) .
▪ Member Parvah magazine committee Kalindi College.
▪ Member Student Union Advisory committee Kalindi College.
▪ Organized an Orientation Programme for B.Sc. (H) Chemistry Ist Year students Kalindi College/ Chemistry Department in 2020 & 2021.
▪ Organized an Online Lab Sensitization session for B.Sc. (H) Chemistry Ist Year students Kalindi College/ Chemistry Department 2020 & 2021.
▪ Certificate for Appreciation to be a Judges for Chemunicate in Rasayanika’21 organized by Rasayan Chemical Society Kalindi College.
▪ Teacher coordinator for Comical Reactions in Rasayanika’21 organized by Rasayan Chemical Society Kalindi College/ Chemistry Department.
▪ Teacher coordinator for Poster Presentation in Rasayanika’21 organized by Rasayan Chemical Society Kalindi College/ Chemistry Department.
▪ Involved in NAAC Data Preparation of Department of Chemistry, University of Delhi, Delhi (India).
▪ Member of Organizing Committee of Inauguration of RASAION Chemical Society by Department of Chemistry, University of Delhi, Delhi (India).</td></tr>
</table>

Association with Professional Bodies	• Life Member of Asian Polymer Association, Delhi. • Life Member of Indian Council of Chemist, Agra.
Any other Achievements	• DTP Computer course from NCETC, Meerut, 2002. • PGDCA from SISI in PPDC, Meerut, 2005. **INSTRUMENTS HANDLED** UV-VIS Spectrometer, IR Spectrometer (FTIR), High Performance Thin Layer Chromatography (HPTLC) High Performance Liquid Chromatography (HPLC) 300 MHz NMR (Bruker) and 400 MHz NMR (JEOL) (1H- & 13C-NMR experiments) Commercial Microwave