




DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

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|---|--|---|------------|-----------|--------|---|
| Title | Dr. | First Name | ATUL KUMAR | Last Name | SHARMA | Photograph |
| Designation | ASSISTANT PROFESSOR | | | | |  |
| Address | C-15 A II FLOOR KALKA JI NEW DELHI 110019 | | | | | |
| Phone No. Office | | | | | | |
| Residence Mobile | 9818837445 | | | | | |
| Email | atuldu23@gmail.com | | | | | |
| Web-Page | | | | | | |
| Educational Qualifications | | | | | | |
| Degree | Institution | | | | Year | |
| Ph.D. | UNIVERSITY OF DELHI | | | | 2015 | |
| M.Phil. | | | | | | |
| PG | UNIVERSITY OF DELHI | | | | 2010 | |
| UG | UNIVERSITY OF ALLAHABAD | | | | 2008 | |
| Any other qualification | | | | | | |
| Career Profile | | | | | | |
| Presently working as an Assistant Professor (Ad-hoc) from August 2017 in Deshbandhu College, University of Delhi. | | | | | | |
| Administrative Assignments | | | | | | |
| NA | | | | | | |
| Areas of Interest/Specialization | | | | | | |
| ORGANIC CHEMISTRY | | | | | | |
| Subjects Taught | | | | | | |
| ORGANIC CHEMISTRY | PHYSICAL CHEMISTRY | INDUSTRIAL CHEMISTRY | | | | |
| UV-VISIBLE SPECTROSCOPY | PHASE AND CHEMICAL EQUILIBRIUM | GREEN CHEMISTRY | | | | |
| FUNCTIONAL GROUP (ALCOHOL, ETHER, PHENOL, CARBOXYLIC ACID, CARBONYL COMPOUNDS) | | PHARMACETICAL, PESTICIDES, FERMENTATION | | | | |
| BIO-MOLECULES (CARBOHYDRATES AND PROTEINS) | | | | | | |
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| Research Guidance | | | | | | |

NA

Publications Profile

1. Solvent-free production of nano-FeS anchored graphene from *Ulva fasciata*: A scalable synthesis of super-adsorbent for lead, chromium and dyes. A Mahto, A Kumar, JP Chaudhary, M Bhatt, Atul Kumar Sharma, P Paul, Nataraj. S. K, R Meena. *Journal of Hazardous Materials* 2018, 353, 190-203.
2. Agarose based large molecular systems: Synthesis of fluorescent aromatic agarose amino acid nano-conjugates – their pH-stimulated structural variations and interactions with BSA. Atul K Sharma, Nishith A. Chudasama, and Arup Kumar Siddhanta. *Carbohydrate Research*, 2017, 449, 37-46.
3. Synthesis and Characterization of Novel Benzoxazine based Arylidinyl Succinimide Derivatives. Atul K. Sharma, Suchita Prasad, Sunil K. Sharma. *Synthetic Comm.* 2017, 47, 1854–1863.
4. Synthesis, ¹H and ¹³C NMR assignment of novel pyridin-2(1H)-one derivatives. Karam chand, Atul K. Sharma, Sunil K. Sharma. *Magn. Reson. Chem.* 2016, 54, 91-102
5. Synthesis and characterization of Pyridin-2(1H)-ones and evaluation of their antibacterial activity. Atul K Sharma, Preeti Yadav, Karam Chanda, & Sunil K Sharma, *Indian J Chem* 2016, 55B, 492-500.
6. Chromenone and quinolinone derivatives as potent antioxidant agents. Praveen Vats, Vera Hadjimitova, Krassimira Yoncheva, Abha Kathuria, Antara Sharma, Karam Chand, Arul J. Duraisamy, Alpesh K. Sharma, Atul K. Sharma, Luciano Saso, Sunil K. Sharma *Med. Chem. Res.* 2014, 23, 4907-4914.

Conference Organization/ Presentations

1. National Conference on “Innovation in Science in Emerging Challenges in Health and Environment (NSHE-2018)”, organized by Department of Chemistry, Daulat Ram College, and University of Delhi, India on held on 20th March 2018. (Oral Presentation).
2. “INSPIRE Internship Programme-2017” organized by Department of Science & Technology Government of India and Deshbandhu College, University of Delhi, held from December 1822, 2017.
3. National Conference on the “Title of the National Workshop/Seminar Technical Terminology in Science Teaching” organized by Deshbandhu College, University of Delhi held from December 26-27, 2017.
4. International Conference on “Workshop on Green Chemistry Course” held during the International Conference on “Advancing Green Chemistry”. Building a Sustainable Tomorrow jointly organized by Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College, University of Delhi, held at University of Delhi On 3-4 October 2017.
5. 20th ISCB International Conference on “Chemistry and Medicinal Plants in Translational Medicine for Healthcare” held on 1-4th March 2014, Department of Chemistry, University of Delhi, India.
6. International Conference on “Challenges in Chemistry and Biology of Carbohydrates, CARBO – XXVIII” held on 20-22nd January 2014, Dehradun, India.
7. 19th ISCB International Conference (ISCB-2013) on “Recent Advances and Current Trends in Chemical and Biological Sciences” held on 2-5th March 2013, jointly organized by Indian Society of Chemists & Biologists, Lucknow, India and Department of Chemistry, Mohanlal Sukhadia University, Udaipur (Rajasthan) India.
8. Lecture Workshop / Conference on “Emerging Trends in Development of Drugs and Devices” held on 21-23rd January 2013, jointly organize by the Department of Chemistry, University of Delhi and three science academies of India.

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| <p>9. One day Indo-German Workshop on “New Perspectives for Nano-Carriers in Biomedical Applications” 14th January 2013, Department of Chemistry, University of Delhi, Delhi, India.</p> <p>10. 9th Indo-Italian Workshop on “Chemistry and Biology of Antioxidants: Natural Products based Antioxidants from Medicinal Plants as Lead towards Development of Novel Drugs” held on 10-11th October 2011, Department of Chemistry, University of Delhi, India.</p> <p>11. 26th Symposium on “Carbohydrate at the Interface of Chemistry and Biology” held on 23-25th November 2011 at Kolkata, India. Poster presentation: “Methodology for The Site Specific Conjugation of Small Molecules using Glycerol”.</p> <p>12. 4th Indo-Italian Seminar on “Green Chemistry and Natural Products” held on 17th November 2010, Department of Chemistry, University of Delhi, India.</p> <p>13. 7th Indo-Italian Workshop on “Chemistry and Biology of Antioxidants” held on 16th November 2010, Department of Chemistry, University of Delhi, India.</p> |
| <p>Research Projects (Major Grants/Research Collaboration)</p> <p>NA</p> |
| <p>Awards and Distinctions</p> <ol style="list-style-type: none"> 1. Research Associate (RA) (CSIR-HRDG) (June 2016-March 2017) 2. UGC-JRF in June 2011 (Rank 82) 3. PhD entrance examination in Chemistry (University of Delhi), July 2010 (Rank 1) 4. GATE in 2010 |
| <p>Association With Professional Bodies</p> <p>NA</p> |
| <p>Other Activities</p> <p>NA</p> |



Signature of Faculty
Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.