



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

Title	Dr.	First Name	ASHAWANI KUMAR	Last Name	SINGH	
Designation		ASSISTANT PROFESSOR				
Address		HOUSE NUMBER120 B7 FIRST FLOOR ROHINI SECTOR 17 DELHI-110084				
Phone No. Office		N A				
Residence Mobile		9654271850				
Email		ashu10000@gmail.com				
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	UNIVERSITY OF DELHI				2019	
M.Phil.						
PG	DEEN DAYAL UPADHYAYA GORAKHPUR UNIVERSITY GORAKHPUR				2007	
UG	DEEN DAYAL UPADHYAYA GORAKHPUR UNIVERSITY GORAKHPUR				2004	
Any other qualification		N A				
Career Profile						
<p>Guest Lecturer in the department of chemistry w.e.f. 24.08.2016 to 12.11.2016 in Dyal Singh College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e.f. 10.02.2017 to 24.04.2017 in Dyal Singh College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e.f.26.07.2017 to 16.11.2017 in Dyal Singh College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e.f. 10.01.2018 to 16.04.2018 in Dyal Singh College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e.f. x.18 to 16-11-2018 in Dyal Singh College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e. f. 10.01.19 to 29-04-2019 in Dyal Singh College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e.f. 13.08.19 to 21-11-2019 in SSN College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e. f. 23.01.20 to 27-04-2020 in SSN College, Delhi University.</p> <p>Guest Lecturer in the department of chemistry w.e.f.16-08-2020 to 27-11-2020 in SSN College, Delhi</p>						

University.
 Guest Lecturer in the department of chemistry w.e.f. 25-11-2020 to till now in SSN College, Delhi University.
 Take IGNOU practical classes in SSN College, Delhi University: 1.5 year
 Presently working as an Assistant Professor (Ad-hoc) from January 2021 in the department of chemistry Deshbandhu College, University of Delhi.

Administrative Assignments

NA

Areas of Interest/Specialization

ORGANIC CHEMISTRY/ASYMMETRIC SYNTHESIS/ENANTIOSELECTIVE SYNTHESIS

Subjects Taught

ORGANIC CHEMISTRY	INORGANIC CHEMISTRY	PHYSICAL CHEMISTRY
SPECTROSCOPY HYDROCARBON		

Research Guidance

NA

Publications Profile

1. An efficient ecofriendly enantioselective organocatalytic ring closing reaction of 2-hydroxychalcone via Intramolecular Oxa-Michael Reaction. **Ashawani Kumar Singh**, Shrawan K. Mangawa, Arvind Kumar, Arvind K. Dixit, Satish Kumar Awasthi. *Chemistry Select.*, 2017, 2, 34, 11160-11163.
2. Experimental and theoretical study of intramolecular O...O interaction in structurally rigid β -keto carboxylic esters. Chiranjeev Sharma, **Ashawani K. Singh**, Jyothish Joy, Eluvathingal D. Jemmis and Satish K. Awasthi *Rsc Adv.*, 2016, 6, 91689-91693.
3. Design and synthesis of an s-triazene based asymmetric organocatalyst and its application in enantioselective alkylation. Shrawan K. Mangawa, **Ashawani K. Singh** and Satish K. Awasthi *RSC Adv.*, 2015, 5, 61144-61147.
4. Expedient and efficient one pot synthesis of trifluoroethyl ethers from metal free 2,4,6-tris-(2,2,2-trifluoro-ethoxy)-[1,3,5] triazene. Shrawan Kumar Mangawa, Chiranjeev Sharma, **Ashawani kumar Singh** and Satish K. Awasthi. *RSC Adv.*, 2015, 5, 35042-35045.
5. AgNO₃ catalyzed synthesis of 5-substituted-1H-tetrazole via [3+2] cycloaddition of nitriles and sodium azide. Pavnes Mani, **Ashawani Kumar Singh**, Satish Kumar Awasthi. *Tetrahedron Letters* 55 (2014) 1879–1882.

Conference Organization/ Presentations

1. Participation in 4 day online Nav Bharat Nirman-Building of the new India as a part of IISF2020 organized by Ministry of Science and Technology ; Ministry of earth science, and Ministry of health and family welfare, government of Indian collaboration with VIBHA by CSIR during 22 December-25 December 2020.

2. Participation in 5 day online faculty development programme on GChem Paint webinar remotely organized by Rajdhani College and conducted by spoken tutorial project, IIT BOMBAY during 29 July-3 August 2020.
3. Participation in the DU-JAIST Indo-Japan Symposium on Chemistry of Functional Molecule/Materials held at Department of Chemistry, University of Delhi on February 26-27, 2016.
4. Poster Presentation in the 16th CRSI National Symposium in Chemistry held at IIT Bombay, Powai, Mumbai during February 7-9, 2014.
Poster Presentation in Workshop/Conference organized by the Department of Chemistry, University of Delhi on Emerging Trends in Development of Drugs and Devices January between January 21 -23, 2013.
5. University of Delhi on Emerging Trends in Development of Drugs and Devices January between January 21 -23, 2013.
6. Participation in workshop organized by Delhi University Library System on Information Literacy and Competency on January 17, 2013.

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

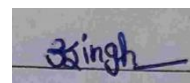
1. CSIR-JRF IN JUNE 2011 WITH AIR 24
2. GATE IN 2011 WITH AIR 299
3. QUALIFIED DELHI UNIVERSITY PHD ENTRANCE EXAMINATION IN 2011 WITH AIR 2
4. Joint CSIR-UGC Test for Lectureship IN 2010 with AIR 69

Association With Professional Bodies

NA

Other Activities

NA



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.