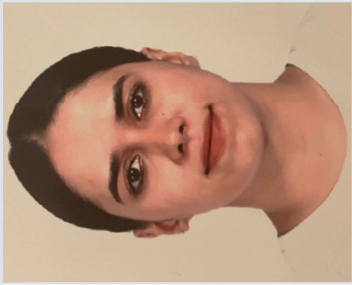


Samarth eGov

Title	Dr.	First Name	Snigdha	Last Name
Designation	Assistant Professor			
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Employment Info		
Employee Type	Nature Of Employment	
Teaching	Permanent	
Educational		
Degree	Institution	Year
Ph.D. - Synthesis and Development of Novel Heterocycles and their biological evaluation	University of Delhi	2021
PG	University of Delhi	2016
UG	University of Delhi	2013
HSC	CBSE	2010

Qualifications				
Examination Name	Conducted By	Date of Passing		
NET	UGC	2017-12-17		
Fellowship				
Fellowship Name	Fellowship Body	Level		
Senior Research Fellow	ICMR	National		
JRF	DST	National		
Teaching experience inside the Institution				
Designation	Institution	Duration From	Year	Duration To
Assistant Professor	University of Delhi	2023-06-02	2023	2023-09-23
Research Publications				
Article Name	Publication Type	Journal Name	ISSN No	Volume
Biological Activity and Structure–Activity Relationship of Dehydrodieugenol B Analogues against Visceral Leishmaniasis.	Research Papers in Peer Reviewed Journals	RSC Med. Chem.	106524.	14
An Expeditious On-Water Regioselective Synthesis of Arylidene-hydrazinyl-thiazoles as Novel DNA Targeting Agents	Research Papers in Peer Reviewed Journals	Bioorganic Chemistry, 106524.	106524.	136
Englerin, a naturally occurring sesquiterpene diester: Isolation, synthesis and biological relevance	Research Papers in Peer Reviewed Journals	Eur. J. Med. Chem. Rep	106524.	136

Quinolines and oxazino-quinoline derivatives as small molecule GLI1 inhibitors identified by virtual screening. ACS Med. Chem. Lett., 13, 1329-1336.	Research Papers in Peer Reviewed Journals	ACS Med. Chem. Lett.	13	2022	10.1021/acsmmedchemlett.2c00249
The multistage antimalarial compound Calxinin pertuberates P. falciparum Ca2+ homeostasis by targeting a unique ion channel.	Research Papers in Peer Reviewed Journals	Pharmaceutics	14	2022	10.3390/pharmaceutics14071371
Designing and development of phthalimides as potent anti-tubulin hybrid molecules against malaria	Research Papers in Peer Reviewed Journals	Eur. J. Med. Chem.	239	2022	10.1016/j.ejmech.2022.114534
A review on indole nucleus as anti-inflammatory agent and selective COX-2 inhibitor (2011-2022).	Research Papers in Peer Reviewed Journals	Org. Chem. Frontiers	9	2022	https://doi.org/10.1039/d2qo00534d
High-valued Pyrazinoindole analogues: Synthesis, Antibacterial Activity, Structure Activity Relationship and Molecular Dynamics Analyses.	Research Papers in Peer Reviewed Journals	Results in Chemistry	3	2021	https://doi.org/10.1016/j.rechem.2021.100194
The Immunopathobiology of SARS-CoV-2 Infection	Research Papers in Peer Reviewed Journals	FEMS Microbiology Reviews	fuab035	2021	10.1093/femsre/fuab035
Recent advances in the syntheses of pyrrole containing natural products.	Research Papers in Peer Reviewed Journals	Org. Chem. Frontiers	8	2021	https://doi.org/10.1039/D0QQ001574A
Microwave-Assisted Stereoselective Synthesis of Pyrazinoindoles using 1,1,1,3,3,3-Hexafluoro-2-propanol (HFIP) as the solvent via Pictet-Spengler Reaction.	Research Papers in Peer Reviewed Journals	Tetrahedron	84	2021	https://doi.org/10.1016/j.tet.2021.132017
Guar gum based nanocomposites: Role in water purification through efficient removal of dyes and metal ions	Research Papers in Peer Reviewed Journals	Carbohydr. Polymers	261	2021	10.1016/j.carbpol.2021.117851

A Mini Review on Synthesis of Pyrazinindole: Recent Progress and Perspectives.	Research Papers in Peer Reviewed Journals	Mini Rev Org. Chem.	18		https://doi.org/10.2174/1570193X17999200806151209
High bio-recognizing aptamer designing and optimization against human herpes virus-5.	Research Papers in Peer Reviewed Journals	Eur. J. Pharm. Sci,	156	2021	10.1016/j.ejps.2020.105572
Preparation of Gold-supported NiAlTi-Layered Double Hydroxide Nanocatalyst and its applications in the one-pot catalytic synthesis of Xanthe, 1,4-Dihydropyridine, Polyhydroquinoline, and 4H-pyran derivatives.	Research Papers in Peer Reviewed Journals	ACS Omega	5	2020	10.1021/acsomega.0c03250 .
Synthesis and bioactivity of phthalimide analogs as potential drugs totreat schistosomiasis, a neglected disease of poverty.	Research Papers in Peer Reviewed Journals	Pharmaceuticals	13	2020	10.3390/ph13020025
Multistage Antiplasmodial Activity of Hydroxyethylamine Compounds. In vitro and In vivo Evaluations.	Research Papers in Peer Reviewed Journals	RSC Advances	10	2020	https://doi.org/10.1039/D0RA03997G
Curcumin based supramolecular ensemble for optical detection of Cu2+ and Hg2+ ions.	Research Papers in Peer Reviewed Journals	J. Mol. Struc	1211	2020	https://doi.org/10.1016/j.molstruc.2020.128091
Fast-acting small molecules targeting malarial aspartyl proteases, plasmepsins. inhibit malaria infection at multiple life stages.	Research Papers in Peer Reviewed Journals	ACS Infect. Dis.	4.87	2019	10.1021/acsinfectdis.8b00197
Designing of a Novel Indoline scaffold based Antibacterial Compound and Pharmacological Evaluation using Chemoinformatics approach.	Research Papers in Peer Reviewed Journals	Curr. Top. Med. Chem.	18	2018	10.2174/1568026619666181129125524

Small Molecules Effective against Liver and Blood Stage Malarial Infection.	Research Papers in Peer Reviewed Journals	Curr. Top. Med. Chem.	18	2019	10.2174/1568026619666181129143623 .
Multistage Inhibitors of Malaria Parasite: Emerging Hope for Chemoprotection And Malaria Eradication.	Research Papers in Peer Reviewed Journals	Med. Res. Rev.	38	2018	10.1002/med.21486
Biology of Heme: Drug Interactions and Adverse Drug Reactions with CYP450.	Research Papers in Peer Reviewed Journals	Curr. Top. Med. Chem.	18	2018	https://doi.org/10.2174/1568026619666181129124638
Modern Advancement in the area of Anti-malarial Drug Development.	Research Papers in Peer Reviewed Journals	Indian. J. Heterocycl. Chem.,	28	2018	https://www.researchgate.net/publication/326533610
Antiparasitic activity of hydroxyethylamine analogs: Synthesis, biological activity and structure activity relationship of plasmepsins inhibitors.	Research Papers in Peer Reviewed Journals	Bioorg Med Chem.	26	2018	https://doi.org/10.1016/j.bmc.2018.06.037
A Facile, Catalyst-Free, Microwave-Assisted Access Towards the Synthesis of 2-Aryl/Alkyl-3-(1H- benzol[d]imidazol-2-yl)-2, 3-Dihydroquinazolin-4 (1 H)-ones.		Synth. Commun.	47	2017	https://doi.org/10.1080/00397911.2016.1277761
Synthesis of Dipyrromethanes in Aqueous Media Using Boric Acid.	Research Papers in Peer Reviewed Journals	ARKIVOC	6	2016	https://doi.org/10.24820/ark.5550190.p009.847
Publications other than journal articles					
Title of Publication	Type of Publication	Publisher	Role in Publication	ISBN Number	Year URL Level
Voets Principles of Biochemistry, 4th Edition International- Wiley.	Edited/Translated Books	Wiley	Co-Editor	978-1-118-09244-6	International
Honour And Awards					

Name of the Award	Name of the Awarding Body	Award Category	Level	Date of Award
Indo-Italy Exchange Program	Ministry of Human Resource Development (MHRD)	Research	International	2018-08-15
Indo-UK Exchange Program	British Council	Research	International	2019-04-30
Travel Award	International Society for the study of Xenobiotics	Research	International	2019-07-01
Patents				
Patent Title	Outcome of the Patent	Patent Number	Level of Patent	
B. Rath, P. Kempaiah, A. P. Singh, S. Singh, Y. Gupta, N. Sharma, Poonam, R. Durvsula. (2022) Hydroxyethylamine-based piperazine compounds, and methods of producing and using the same for treating disease.		20220204458	International	
Seminar / Conference Details / Workshops				
Title of the Activity	Attended As	Date		
Poster Presentation at Medicinal Chemistry GRS, at Colby Sawyer College in New Hampshire, USA held on 6-7th August, 2022.	Participant	2022-08-06		
Poster Presentation at International Society for the study of Xenobiotics (ISSX) 12th International ISSX Meeting, Oregon Convention Center, Portland, Oregon, USA held on 28-31th July, 2019	Participant	2019-07-28		
Poster Presentation at 6th Prague-Weizmann Summer School Advances in Drug Discovery and Development from basic research through pre-clinical to clinical phases', University of Chemistry and Technology, Prague, Praha 6-Dejvice held on 2- 6th Sep. 2019.	Participant	2019-09-02		
Oral Presentation at J National Organic Symposium Trust conference, Department of Chemistry, University of Delhi, Delhi, India held on 18-21st October, 2019	Speaker	2022-10-18		

Poster Presentation at Indo-US Colloquium on "Recent development in Interdisciplinary research", Department of Chemistry, Hansraj College, University of Delhi in association with Loyola University Stritch School of Medicine, USA held on 2nd July, 2018	Participant	2018-07-02
Poster Presentation at ACS on Campus, University of Delhi, India held on 5th February 2018	Participant	2018-02-05
Poster Presentation at International Conference on "Emerging Trends in Drugs Development and Natural-Drugs Development and Natural-Products", Department of Chemistry, University of Delhi, India held on 12-14th January, 2018.	Participant	2018-01-12
Awarded Best Poster at Indo-Hungarian Symposium on "Recent Advances in Chemistry and Biology", Department of Chemistry, Miranda House, University of Delhi, India held on 11th December, 2017.	Participant	2017-12-11
Foreign Translations		
Published As	Author	Published Date