

Bio-Data	
Name:	Dr. Sumit Kishan Arora
Designation:	Assistant Professor
Qualification Details:	M. Pharm, PhD
Date of Birth:	13 July 1984
Experience Detail:	<ul style="list-style-type: none"> ✓ Presently Working as Assistant Professor at Gurunanak College of Pharmacy, Nari road, Nagpur from 27th Jan 2016 to till date ✓ Two year Approved teaching experience at Dadasaheb Balpande College of pharmacy, Besa for the academic year 2008-10. ✓ Three year Contributory teaching experience at Department of Pharmaceutical Sciences, R. T. M. Nagpur University from Sept 2010 to May 2013. ✓ Two and half year teaching experience as lecturer at Gurunanak Technical Institute (Diploma in Pharmacy), Nari road, Nagpur from Aug 2013 to 26 Jan 2016.
Research Area:	Main area of research includes but not limited to standardization, isolation & docking studies of Phytomolecules
Research Publications:	<p>Research Articles: International- 12 National - 08 Presentations: International- 01 National - 06</p> <p style="text-align: center;">Research Articles (International)</p> <ol style="list-style-type: none"> 1. Research paper published as “In silico prediction of phytoconstituents from Ehretia laevis targeting TNF-α in arthritis” in Journal of Digital Chinese Medicine (Elsevier), Vol. 4 (3), 2021, 180-190. 2. Research paper published as “Evaluation of pancreatic regeneration activity of Tephrosia purpurea leaves in rats with streptozotocin-induced diabetes” Journal of Traditional and Complementary Medicine, Vol. 11(5), 2021, 435-445. 3. Research paper published as “Antioxidant and Cognitive Enhancing Activities of Sargassum ilicifolium and Padina tetrastromatica in Scopolamine Treated Mice” in Journal of Biologically Active Products from Nature (Taylor and Francis) Vol. 11 (1), 2021, 11-21. 4. Research paper published as “Exploring the active constituents of Oroxyllum indicum in intervention of novel coronavirus (COVID-19) based on molecular docking method” in Network Modeling Analysis in Health Informatics and Bioinformatics (Springer) Vol. 10 (1), 2021, 1-12.



5. Research paper published as "Prospecting for *Cressa cretica* to treat COVID-19 via in silico molecular docking models of the SARS-CoV-2" in Journal of Biomolecular Structure and Dynamics, Jan 15, 2021,1-9. (Impact Factor: 3.549)
6. Research paper published as "Identification of Potential Flavonoid Inhibitors of the SARS-CoV-2 Main Protease 6YNQ: A Molecular Docking Study" in Journal of Digital Chinese Medicine (Elsevier), Vol. 3 (4), 2020, 239-248.
7. Research paper published as "Extraction, isolation and identification of flavonoid from *Chenopodium album* aerial parts" in Journal of Traditional and Complementary Medicine, Vol. 8 (4), 2018, 476-482
8. Research paper published as "Involvement of NFκB in the antirheumatic potential of *Chenopodium album* L. aerial parts extracts" in Journal of Ethnopharmacology, Vol.155 (1), 2014, 225-228 (Impact Factor: 3.690)
9. Research paper published as "Evaluation of antidiabetic antihyperlipidemic and pancreatic regeneration, potential of aerial parts of *Clitoria ternatea*" in Brazillian Journal of Pharmacognosy, 23, 2013, 819-829 (Impact Factor: 1.754)
10. Research paper published as "Simultaneous Quantitative analysis of Olmesartan Medoxomil and Amlodipine besylate in plasma by HPLC technique", in Journal of Young Pharmacists, Vol. 4, 2012.
11. Research paper published as "Antidiabetic potential of unripe *Carissa carandas* fruit extract", in Journal of EthnoPharmacology, Vol.135, 2011, 430- 433 (Impact Factor: 3.690)
12. Review article published as "Challenges and Progress in Vaccine Development for COVID-19 Coronavirus (SARS-CoV-2): A Review" in The Open Covid Journal 1 (1), 2021, 65-76.

Research Articles (National)

1. Research paper published as "Polyphenol rich extract from *Sesbania grandiflora* (L.) Pers. bark reduces rheumatism by mediating the expression of NF kappa B in rats" in Indian Journal of Experimental Biology, Vol. 59, 2021, 44-53. (Impact 0.783)
2. Research paper published as "Histological study, Phytochemical screening and TLC studies of *Sesbania grandiflora*" in International Research journal of Biological sciences, 9 (3), 2020, 1-5.

	<ol style="list-style-type: none"> 3. Research paper published as “Phytochemical Screening and HPTLC study of <i>Padina tetrastratica</i> (Hauck)” in International journal of Ayurvedic Medicine 11 (2), 2020, 306-309. 4. Research paper published as “Phytochemical screening and TLC studies of different extracts of <i>Chenopodium album</i>” in Journal of Ayurvedic and Herbal Medicine 6 (1), 2020, 15-20. 5. Research paper published as “Phytochemical screening and anticonvulsant activity of <i>Sargassum ilicifolium</i> (brown algae) in mice” in the Journal of Phytopharmacology, Vol. 7 (1), 2018, 25-28. 6. Research paper published as “Antidiabetic Potential and its Relationship with Polyphenol and Degree of Polymerization in <i>Acalypha indica</i> Linn Leaves”, in Journal of Homeopathy & Ayurvedic Medicine, Vol.1, 2011. 7. Research paper published as “Determination of Polyphenol content and free radical scavenging activity of successive extracts of <i>Flemingia strobilifera</i>”, in Advances of Pharmacology and toxicology, Vol. 10 [1], 2009. 8. Review article published as “<i>Bauhinia purpurea</i>: An Updated Pharmacological Profile” in Journal of Ayurvedic and Herbal Medicine 6 (2), 2020, 81-85.
Patents:	NIL
Book:	<ol style="list-style-type: none"> 1. Book published entitled “Pharmacognosy of Medicinal Plants” comprises of Pharmacognostic account of 54 medicinally important crude drugs. Special feature of this book is special emphasis on cultivation method presented in the form of flowchart, diagrammatic representation labelling all microscopical features in an image form, uses of crude drug along with their mechanism of action shown in the flowchart and different characters for the identification of adulteration. The book will be good for reference to all pharmacy students, for teachers of Pharmacy Graduate and Diploma institutes. 2. Book published entitled “Concise course in Pharmacognosy and Phytochemistry I” the book is designed as per the new syllabus introduced by Pharmacy Council of India for B. Pharm Fourth Semester. This book simplified the content of syllabus by presenting it in easy and lucid language. Special feature of this book which gives it an edge over other available books is its emphasis on content covering the theory in a simplified manner which is easy to remember. The inclusion of Question Bank covering multiple choices, short and long questions make this book a complete reference book of subject Pharmacognosy and phytochemistry I. The book will be good for reference to all pharmacy students, for teachers of Pharmacy Graduate and Diploma institutes.

No. of Student Guided:	PhD: -- PG: 02 (Under Supervision)
Professional Membership:	NIL
Any other:	<ul style="list-style-type: none"> ✓ Awarded with Best Participant Award and received Award of Honor from the organizing committee during AICTE Sponsored two weeks Faculty Development Program (FDP) on “Optimization Techniques and Recent Advances in Drug Delivery System” held on 10 - 22 June 2019 at ISF College of Pharmacy, Moga, Punjab. ✓ Received Best Poster Award for Poster presented on “Herbomineral Formulation for the treatment of HIV” in the National Conference entitled “HIV-AIDS and Herbal Drug Research-Global Perspective” organized by J L Chaturvedi College of Pharmacy, Nagpur on 2nd and 3rd November 2007. ✓ Awarded with Senior Research Fellowship from Council of Scientific & Industrial Research (CSIR), New Delhi, India to work in the field of herbal drug research, 2012. ✓ Received Gold Medal from R. T. M. Nagpur University in the Convocation held on 25th July 2009.
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