

K.S. Saket P.G. College - Faculty Profile

Name: Dr. Vipin Kumar Singh

Designation: Assistant Professor

Qualification: Ph.D.

Faculty: Faculty of Science

Department: Botany

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About:

Dr. Vipin Kumar Singh is serving as an Assistant Professor of Botany at K. S. Saket P. G. College, Ayodhya, since July 2022. His major area of interest includes bioremediation, endophytic microbes, and implications of natural products in protection of food commodities. I am working as an Assistant Professor of Botany at K. S. Saket P. G. College, Ayodhya since 01 July 2022. I have been teaching Plant taxonomy, Gymnosperms, Ethnobotany, Biochemistry, Microbiology, and Tools and techniques to undergraduate and postgraduate students of Botany. I hold the life membership of following academic bodies Association of Microbiologists of India (AMI), Membership No. LM/3695-2013 Indian Association of Hydrologists (IAH), Membership No. LM/1892 Asian PGPR Society of Sustainable Agriculture (Honorary Life Membership Certificate)

Research:

My major area of interest include management of contaminated environments using bio-based approaches and implications of antimicrobial compounds of plant origin in food protection. The research work has been published in the journal of national and international repute.

Publications:

Research and review articles
Asha Lata Singh, Ashish Kumar Tripathi, Vipin Kumar Singh (2012). Nitrate and phosphate contamination in ground water of Varanasi, Uttar Pradesh, India. *Journal of Industrial Research and Technology*, 2, 26-32, Refereed Research Journal, ISSN 2229-9467. Hatam Publishers, Published from Malaysia
Asha Lata Singh, Vipin Kumar Singh and Anushree Srivastava (2013). Effect of Arsenic Contaminated Drinking Water on Human Chromosome: A Case Study. *Indian Journal of Clinical Biochemistry (Springer)*, 28, 422-425. ISSN No. 0974-0422, Publisher: Association of Clinical Biochemists of India, DOI: 10.1007/s12291-013-0330-3, IF-2.1
Asha Lata Singh and Vipin Kumar Singh (2015). Arsenic contamination in ground water of Ballia, Uttar Pradesh State, India. *Journal of Applied Geochemistry (Indian Society for Applied Geochemists)*, 17, 78-85. ISSN No. 2319-4316, Publisher: Indian Society for Applied Geochemists
Asha Lata Singh and Vipin Kumar Singh (2017). A Study on phosphate uptake by *Acinetobacter* in presence of arsenate under aerobic condition. *Indian Journal of Biotechnology*, Vol. 16, 106-109, 2017. ISSN: 0975-0967, IF=0.413, Publisher: NISCAIR New Delhi, India, DOI: 10.1007/s13205-017-0896-1
Asha Lata Singh and Vipin Kumar Singh (2016). Arsenic sequestration by manganese-oxidizing *Acinetobacter* species. *Indian Journal of Biotechnology*, Vol. 15, 525-530, ISSN: 0975-0967, IF=0.413, Publisher: NISCAIR New Delhi, India
Vipin Kumar Singh, Amit Kishore Singh and Ajay Kumar (2017) Disease management of tomato through PGPB: current trends and future perspective, *3 Biotech*, 7:255, ISSN: 2190-5738, IF-2.8, Publisher: Springer Heidelberg, Germany, DOI: 10.1007/s13205-017-0896-1
Abhishek Kumar Dwivedy, Vipin Kumar Singh, Bhanu Prakash, and Nawal Kishore Dubey (2018). Nanoencapsulated *Illicium verum* Hook. f. essential oil as an effective novel plant-based preservative against aflatoxin B1 production and free radical generation. *Food and Chemical Toxicology*, 111, 102-113, ISSN: 0278-6915, IF-4.3, Publisher: Elsevier, United Kingdom, doi: