Curriculum Vitae

Full Name:	DR. VINEET KUMAR MAURYA		
Designation:	Assistant Professor		
Department:	Microbiology		
Campus:	Srinagar Campus		
Telephone:	01370-267160	**Fax:** 01370-267160	
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Education Qualification:	• Ph.D. (2012), J. N. U., New Delhi and CDRI, Lucknow • M.Sc. (2003), M.J. P. Rohilkhand University, Bareilly • B.Sc. (2001), M. J. P. Rohilkhand University, Bareilly		
Teaching Experience:	06 Years	**Research Experience:**	13 Years

Research Interest and Fields of Specialization

1. Proteomics and Drug target Discovery
2. Therapeutic compounds from Nautre: Antimicrobial Peptides
3.

Honours & Awards

1. **Young Scientist Award** by Samaj Vikas Sansthan, Merrut in October 2013.
2. **Associate Young Scientist Award** in NCEEBR 2013.
3. **DBT-Research Associate** at University of Hyderabad, Hyderabad (01 June, 2012- 15 June 2013).
4. Awarded **CSIR-NET-JRF** in Dec, 2004.
5. GATE-2005 with percentile 98.09
6. College Gold-medalist in M.Sc. Exam (2003)
7. City topper in Intermediate Examination (1997)

Member of Academic Institutions

1. Member, Anti-Discrimination Cell.
2. Member, UG and PG Admission committee- Microbiology
3. Member, Student Union Election Committee (2019-20)
4. Member, Board of Studies, Department of Botany and Microbiology (2018-19)
5. Member of Institutional Bio Safety Committee

Membership of Scientific Organizations

1. Life Member of Association of Microbiologist of India (AMI), New Delhi..

Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)

02 Students registered

Research Projects/ MoU undertaken

Administrative Experience

1. NSS Senior Programme Officer (2018-19)

Scientific Visits Abroad/ International Collaboration

Conference/Symposium/Workshop Attended during last five years (2014-2019)

National

1. *Improvement of 2DE for Proteomics of Mycobacterium tuberculosis*: **Vineet K. Maurya** and Sudhir K. Sinha. Published at National Conference on Energy, Environment and biotechnology Research (NCEEBR, 5-6 October 2013), Ghaziabad. India.
2. Azadirachta indica (Neem): an effective alternate of root canal irrigant against Enterococcus faecalis. **Vineet K. Maurya** and Monika Pandey. Published at National Conference on ‘ Natural Resource Management, Avenues & Applications(NRMAA, 18-19 March, 2016) held at Uttranchal (PG) College of Biomedical Sciences & Hospital, Dehradun. India.

3. Proteomic analysis of Triton-X-114 Sediment of *Mycobacterium tuberculosis* membrane fraction, to complement 'Triton-X-114 membrane proteome' of *M. tuberculosis*. **Vineet K. Maurya,** Kavita Singh and Sudhir K. Sinha. At 37th National Annual Conference of Indian Association of Biomedical Scientists on "Current Advances in Integrated Biomedicine for Healthcare" (November 3-6, 2016) Organized By: School of Biological Engineering & Sciences, Shobhit University , Meerut (U. P.) India.

Conference/Symposium/Workshop Organized during last five years (2014-2019)

1. **"Co-organizing secretary"** of National conference on 'Microbes in Extreme Environment: Diversity and Translation Applications' (MEEDTA) Department of Botany and Microbiology, HNB Garhwal University, 30-31 October, 2015.

Publications during last five years (2014-2019)

Journals Title of Paper, All Authors (Surname First), Name of Journal, Volume No, Page Nos., Year of publication (Impact Factor)

1. An improved method for two-dimensional electrophoresis reveals suppression of Eis and overexpression Wag31, PstS1, GroES and Gap in Mycobacterium tuberculosis under anaerobic conditions.**Maurya VK,** Singh K, Sinha SK. Indian Journal of Experimental Biology, 52:773-780 (2014). *[Impact factor:1.1653]*
2. Indopiptadenia oudhensis Endangered Plant): A New Host of Foliar Pathogen Alternaria alternata from Uttar Pradesh, India. Kumar S, Singh R, **Maurya VK**. Journal of Plant Pathology and Microbiology.doi: 10.4172/2157-7471. S3-004. (2015) *[Impact factor:2.13]*
3. Shotgun Proteomics of Tomato Fruits: Evaluation, Optimization and Validation of Sample Preparation Methods and Mass Spectrometric Parameters. Kilambi HB, Manda K, Sanivarapu H, **Maurya VK**, Sharma R, Sreelakshmi Y. Frontiers in Plant Sciences, 29 June 2016 | http://dx.doi.org/10.3389/fpls.2016.00969. (2016) *[Impact factor:4.495]*
4. S-enantiomer of the anti-tubercular compound S006-830 complements activity of frontline TB drugs and targets biogenesis of Mycobacterium tuberculosis cell envelope. Singh, P; Kumar, S; **Maurya, VK**; Mehta, B; Ahmad, H; Dwivedi, A; Chaturvedi, V; Thakur, TS.; Sinha, S. ACS Omega. Manuscript ID: ao-2017-012813.R1. (2017).
5. Phytochemical evaluation and Antimicrobial activity of *Zanthoxylum armatum* DC, Solanum nigrum and *Coriandrum sativum*. Chandra, H, Negi L, Patni B, **Maurya VK.** University Journal of Phytochemistry and Ayurvedic Heights (UJPAH) . 2(23):24-28. (2017).
6. Probiotics: Recent advances and future prospects. Yadav A, Chandra H* and **Maurya VK.** Journal of Plant Development Science. 9 (11): 967-975. (2017)
7. Antibacterial potential of Saussurea obvallata petroleum ether extract: A spiritually revered medicinal plant.Mishra A. P., Saklani S., Sharifi-Rad M., Iriti M., Salehi B., Sharifi-Rad J., **Maurya V. K.,** Rauf A., Milella L., Baghalpour N. Cellular and Molecular Biology. (Noisy le Grand). 64(8):65-70. (2018) *[Impact Factor: 1.3]*.
8. Biological activity and preliminary phytochemical screening of *Terminalia alata heyne Ex. Roth.* Saklani S., Rawat Y., Plygun S., Ali Shariati M., Nigam M., **Maurya V. K.,** Yadav A., Mishra A. P. (2019) J Microbiol Biotech Food Sci. 8(4): 1010-1015. (*Accepted*)

Books Chapter

1. **Maurya V.K.,** Kumar D., Pathak C., Tiwari B.S. (2018). Involvement of reactive species of oxygen and nitrogen in triggering programmed cell death in plants. In: *Biotic and Abiotic Stress Tolerance in Plants*, Vats S. (ed.) Springer Nature Singarpore, pp. 257-278.
2. Chauhan J., and **Maurya V. K.** (2018) Microaglae as an effective tool for wastewater treatment and management. *Chapter 03. In* : The Role of Photosynthetic Microbes in Agriculture and Industry (Eds): Keshwanand Tripati, Narendra Kumar, Gerard Abraham. Nova Science publishers Inc. New York

USA. (2018).

3. Maurya A.P., Chauhan J., Yadav D. K., Gangwar R., **Maurya V. K.*** (2019) Nutraceuticals and their impact on human health. In: Preparation of phytopharmaceuticals for the management of disorders: the development of nutraceuticals and traditional medicine. Egbuna C., Mishra A. P. (Eds). ELSEVIER
4. Yadav S., Mishara A. P., Kumar S., Negi A., Asha, **Maurya V.K*.** (2019) Herbal Wound Healing Agents. (Chapter-4). *In*: Applications of natural products in drug discovery and biotechnological advances (Part II). Apple Academic Press. USA.
5. Maurya A. P., **Maurya V. K.,** Thakur R. L. (2019) Bacteriocin Producing Lactic Acid Bacteria and their Relevance to Human Nutrition and Health (Chapter 18). *In*: Applications of natural products in drug discovery and biotechnological advances (Part II). Apple Academic Press. USA.

Total Number of Research Publications: 13