

Prof. G. P. Gupta

Name : Dr. Ganga Prasad Gupta
Sex : Male
Date of Birth : 20th July 1949
Educational Qualification : Ph.D., M.Sc.
Designation : Professor
Address : Department of Botany and Microbiology, Gurukula Kangri University, Haridwar

Existing Membership of Professional Bodies

Life member of Action for Sustainable development and Awareness (ASEA)
Editor, Journal of Natural and Environmental Science

Honours/Awards

Awarded Fellow of Action for Sustainable development and Awareness (FASEA),
2006. Free.

Awarded ASEA Special

Appreciation award 2006.

Total no. of Ph.D. awarded under supervision and co-supervision Two

Ph.D Produced

Sl. No.	Name	Year	Title
1.	Rajeev Rajput	2006	Role of sand Intermittent filtration and Aquatic plants in wastewater management in Indian context.
2.	Kaushal Kumar Dwivedi	2008	Study of Immunological & Virological markers in HIV infected individuals from various risk groups in relation to opportunistic infections.

No. of the candidate registered Two

Publications

1. G.Prasad (1978). Soil as a possible source for the severe fruit rot of guava (*Psidium guajava* L.) due to *Phytophthora nicotianae* var. *parasitica* (Dastur) Waterhouse, Annals de Inst. Pasteur 129B: 635-639.
2. G.Prasad (1978). Studies on the occurrence of fruit rot of guava due to *Phytophthora nicotianae* var. *parasitica*. Indian Phytopath. 31:263.
3. G.Prasad (1978). Pectolytic and cellulolytic enzymes of *Phytophthora nicotianae* var. *parasitica* (Dastur) waterhouse, responsible for fruit rot of guava in India. Phytophthora News Letter, California 6:45.
4. G.Prasad *et.al.*, (1979). Production of Pectolytic and Cellulolytic enzymes *in vivo* and *in vitro* by *Phytophthora nicotianae* var. *parasitica* (Dastur) Waterhouse causing fruit rot of *Psidium guajava*. Indian Journal of Mycol. and Plant Pathology. 9:36-40.
5. G. Prasad and R. S. Mehrotra (1980). Studies and occurrence of mating types of *Phytophthora nicotianae* var. *parasitica* in India. Phytophthora News Letter, 8:48.

6. G.Prasad *et al.*, (1981). Influence of temperature on production and activity of pectolytic and cellulolytic enzymes of *Phytophthora nicotianae* var. *parasitica*. Phyto. News Letter 9: 32-33.
7. G.Prasad and Mehrotra (1982). Influence of carbohydrates and nitrogen as source on growth and sporulation of *Phytophthora nicotianae* var. *parasitica* Waterhouse. Botanical Progress Vol. (I&II): 60-64.
8. V. Shanker and G.Prasad. (1983) Studies on Microflora of Ganges water in Rishikesh, India. Kanpur Univ. Research. Journ. (4): 65-68 (Printed in 1987).
9. V. Shanker and G.Prasad (1984) Studies on some Microbiological aspects of river Ganges at Hardwar and Garh Mukteshwar. Kanpur University Research Journal Vol. 5: 5-10.
10. V. Shankar and G.Prasad (1985). Aquatic Fungi of Ganga, Arya Bhatt Patrika Sept: 47-49.
11. G.Prasad and R. S. Mehrotra (1985). Persistence of *Phytophthora nicotianae* var. *parasitica* in artificially infested soil at different inoculum levels and in dead host tissues. Indian Journal of Mycol. and Plant Pathol. vol. 15(3): 279-282.
12. G.Prasad (1988) Efficacy of some fungicides and antibiotics against *Phytophthora nicotianae* var. *parasitica*. Proceedings of Botanical Soc. of Kanpur. 1:1-6
13. G.Prasad. (1988) Studies on growth and sporulation of *Phytophthora nicotianae* var. *parasitica*. (Dastur) Waterhouse from different host in relation to their mating types. J. Of Nat. & Physical Scie. Vol. 2: 17-24.
14. G.Prasad and Ajay Shanker (1989). Some applied aspects of Microbes, Aryabhata Patrika Vol. 7 No 1& 2: 64-73.
15. V. Shanker, G.Prasad and S.K.Sharma (1989) Influence of industrial effluent on seed germination and seedling growth of some agricultural crops. Journ. of Nat. and Phys. Science. Vol. 3: 6-11.
16. G.Prasad *et. al.* (1989). Effect of temperatures on development of *Cycas* ovule rot at Hardwar. J. Nat. and Phy. Sc. Vol. 3: 1-5.
17. G.Prasad, K.R. Aneja and Navneet (1992) Fusarium ovule rot of Sago palm (*Cycas revoluta* Thunb) from Hardwar, India a new record, Tropical Pest Management Vol. 38 (1) :106.
18. G.Prasad and V. Shanker. (Appeared in 1995). Studies on pollution reduction potential of *Eichhornia crassipes* grown in industrial effluent. J. of Nat. and Physical Sci. Vol.5 - 8: 83 - 90.
19. R.S. Mehrotra, G.P.Gupta and J. Kumar (1997). *Phytophthora nicotianae* var. *parasitica* the incitant of Guava fruit rot - Pathology, Biology and control. Achievements and Prospects in Mycology and plant Pathology: 121-123
20. R.D. Kaushik, M. Sharma, R. Joshi and G.Prasad (1997). An Analysis of water being supplied to Gurukula Kangri University Campus, Haridwar. J. Natl. and Physical Sci. Vol. 11: 79-86.
21. G.Prasad and V. Shanker (1999). Impact of Industrial and Municipal waste water discharging into Ganga on water quality and algal population in Rishikesh and Hardwar. Proceeding of Sustainable Ecosystem and Environment: 147 – 154.
22. P. Sharma, G.Prasad and V. Shankar (1999). Screening of pollution reducing potential of some free-floating hydrophytes. Proceeding of Sustainable Ecosystem & Environment: 133 - 146.
23. G.Prasad, K. Singh and P. Sharma (1999). Yajana as a scientific tool for reducing certain Environmental pollutants. J. of Natl. and Phy. Sci., Vol. 13, (2): 59-66.
24. G.Prasad, S. Pandey and K.K. Gupta (1999). Antibacterial activity of certain indigenous drug and drug plants against certain bacterial species. Hamdard Medicus (Vol. 42): 53 –57
25. G.Prasad and V. Shanker (2000). Studies on seasonal variation of plankton population in relation to water quality of river Ganges in Rishikesh, Hardwar region India. Proceedings, Microbes: Agriculture, Industry and Environment: 183 – 195.
26. G.Prasad (2000). Effect of carbohydrates, nitrogen sources and temperatures on growth and production of pectolytic and cellulolytic enzymes *in vitro* by *Phytophthora nicotianae* var *parasitica*. (Dastur) Waterhouse in India. Glimpses in Botany: 243-248.
27. R. Bahuguna, V. Shankar and G.Prasad (2000) Antibacterial activity of *Ocimum sanctum* against certain bacterial species. Ind. J. For. Usef. Mngt (I & II): 21-84

28. G.Prasad (2000) Studies on biology of *Phytophthora nicotianae* var *parasitica* (Dastur) Waterhouse. Some aspect of research in applied biology: 46-57.
29. G.Prasad, N. Sharma and K.K.Gupta (2002). Quantitative enumeration of microflora of certain herbal Ayurvedic drugs during storage. *Hamdard Medicus*, Vol. XLV (I): 73-77.
30. G.Prasad, R.Tyagi, D.D. Bhardwaj and K.K.Gupta (2002). Screening of Antimicrobial Potential of Certain Drug Plants for Enhancement of their Therapeutic Spectrum *in vitro*. *Hamdard Medicus*, Vol. XLV (II): 77-81.
31. S. Madan, A.K. Chopra, N. Joshi and G.Prasad (2003). Physico-chemical and microbiological characteristic of pulp and paper effluent and its *in vitro* effect on seed germination of some agriculture crops. *Journal of Nat. Conservation* Vol. 15 (I): 107-113.
32. G.Prasad. V. Shanker and A.K. Chopra. (2003). Environmental state of river Ganga at Rishikesh and Hardwar region and its management. *Environment conservation*. Vol. 4 (3-4): 51-58.
33. G.Prasad, P. Matiyan, K.K.Gupta, P.Sharma and Prashant (2003). Microbial flora and drug efficacy related with enhancement of therapeutic spectrum of three ingredients of triphala drug during storage. *Hamdard Medicus*, Vol. XLVI (4): 82-87.
34. A.K. Chopra, G.Prasad and D.R.Khanna (2004). Ganges water pollution and its management through religion. *Environment conservation*. Vol. 5 No (1-3) 35-40.
35. G.Prasad, V.Shanker and A.K.Chopra. (2004). Impact of I.D.P.L. effluent on water quality of river Ganga at Shyampur Khadir, Rishikesh, Uttaranchal. *Environment conservation*. Vol. 5 No. (1-3) 65-68
36. A.K.Chopra, V.Gupta, K.K.Gupta and G.Prasad. (2004). Antibacterial activity of root, stem and leaf extract of *Cedrus deodara* against *Escherechia coli*. *in vitro*. *Flora and Fauna* Vol. 10 (2) 101-103.
37. S.Arora, A.K.Chopra, N.Joshi, G.Prasad. (2005). Physico chemical and bacteriological characteristics of Achal Dairy mill effluent and its effect on seed germination of some agricultural crops. *Nature Environment and Poll. Tech.* Vol.4(3)-441-444
38. S.Arora, A.K.Chopra, G.Prasad and N. Joshi (2005). Effect of star paper mill effluents on biomass production and yield at harvesting time of certain agricultural crops. *Environmental Conservation Journal* Vol 6(1-2):73-77.
39. S.Arora, A.K.Chopra, G.Prasad and N.Joshi (2005). Characteristics of Mahalakshmi sugar mill effluent and its impacts on seed germination of certain agricultural crops *in vitro*. *Journal of Applied Bioscience* Vol. 32(1):115-118.
40. G.Prasad, R.Rajput and A.K. Chopra (2006): Sand intermittent filtration technology for safer domestic sewage treatment. *JASEM* Vol. 10(1):73-77.
41. G.Prasad, P.Singh, M.Sharma and K.K. Gupta (2006): Antimicrobial potency of three fruit drug and formulated triphala drug against certain bacterial disease associated with urinary tract infection in *Vitro*. *Hamdard Medicus* Vol. XLIX (3): 34-40.
42. A.K.Chopra, R.Rajput and G.Prasad (2006): Technology for development and optimization of sand intermittent filtration/ treatment of Sugar mill effluent. *JIAEM, NEERI* Vol. 33(3) : 174-178.
43. Sangeeta Arora, A.K. Chopra, G.Prasad and N.Joshi (2006): Physico-chemical characteristics of Doon Distillery, Doiwala effluent and its effect on seed germination of four agriculture crops. *Env. Cons. Jour.* Vol 7(1-2): 23-27
44. G.Prasad, A.K.Chopra and K.K.Gupta (2007): Vartman paripresh mein Sanjivini mein Shodh ki Anivaryata. *Proceedings of Medicinal plants: Conservation, Cultivation and Utilization: 133-146 (Original Research Hypothesis)*
45. Kaushal Kumar Dwivedi, G.Prasad, S.Saini, S. Mahajan and U.K. Baweja (2007): Entric oppurtunistic parasites among HIV infected individuals: associated risk factor and immune status: *Journal of infectious diseases, Japan*. Vol 60:76-81
46. G. Prasad, R. Rajput and A.K. Chopra (2007): Alternative and Economic technology for the treatment of distillery effluent to prevent surface and ground water pollution. *Jr. of Appl. Sci and Env. Manag.* Vol. 11(3): 35-39.
47. R. Rajput, G.Prasad and A.K. Chopra (2009): Scenario of solid waste management in present Indian context. *Capsian J. Environ. Sci.* 7(1): 45 – 53.

48. A.K. Chopra, Chakresh Pathak and G.Prasad (2009). Scenario of heavy metal contamination on agricultural soil and its management. *J. Appl. And Nat. Sci.* 1(1) : 99 – 108.
49. K.K. Gupta, G. Prasad, A.K. Chopra and D.R. Khanna (2009). Contamination of Asian herbal drugs: Need for its critical evaluation. *J. of Appl. and Nat. Sci.* Vol. 01(2): 291-297.
50. K.K. Gupta , G. Prasad, G. Khandelwal, A.K. Chopra and A. Mishra. Review on Need of Scientific Technologies in Practice to innovate plant based molecule and to improve Herbal drug quality to overcome health problems. *J. of Appl. and Nat. Sci.* (In press), 2010.

Books Edited

1. As a member of subject Expert Committee, contributed in the preparation of text of the book entitled “Definitional Dictionary of Microbiology” Published by CSTT, Ministry of HRD, Govt. of India 1997.
2. Microbes: Agriculture, Industry and Environment, (2000): Jointly edited by D.K. Maheshwari, R.C Dubey, G.Prasad and Navneet Published by Bishen Singh and Mahendra Singh. : 1-269
3. Aquatic Biodiversity Scenario in India (2005): Jointly edited by D.R. Khanna, A.K. Chopra and G. Prasad .Daya publications, Delhi :1-369.
4. Medicinal plants: Conservation, cultivation and utilization jointly edited by A.K. Chopra, D.R. Khanna, G. Prasad, D.S. Malik and R. Bhutiani (2007) Daya Publishing house, New Delhi: 1-429
5. Aushadhiye Padap: Sanrakshan , Samvardhan aivam Upyogita jointly edited by D.R. Khanna, A.K. Chopra, G. Prasad , D.S. Malik and R. Bhutiani (2007) Daya Publishing house, New Delhi : 1-310.
6. Multifacial application of Drug plants jointly edited by D.R. Khanna, A.K. Chopra, G. Prasad , D.S. Malik and R. Bhutiani (2008) Daya Publishing house, New Delhi.
7. Phytochemical as potent therapeutant for disease management jointly edited by D.R. Khanna, A.K. Chopra, G. Prasad , D.S. Malik and R. Bhutiani (2008) Daya Publishing house, New Delhi :.