

CURRICULUM – VITAE

Name **Dr. GEETA SAXENA**

Personal Information:

Date of Birth: 11.03.1959

Citizenship: Indian

Present Position: Associate Professor

Official Address: Department of Botany
Swami Shraddhanand College, Alipur, Delhi-110036

Address for Correspondence: C-2/96, West Enclave, Pitampura, Delhi-110034.

Mobile No. 0-9999448824

E-mail address: saxenageeta96@gmail.com

Date of Appointment in the College: 10.09.1987

Total Teaching Experience: 29 years

Native Place: Delhi

Education: (starting from Graduation)

1. B.Sc.(Hons.) Botany, Banaras Hindu University, 1978
2. M.Sc. Botany, Banaras Hindu University , 1980
3. Ph.D., Botany, Banaras Hindu University, 1985
4. Certificate Course in German Language (Zertifikat Deutsch als Fremdsprache)

Goethe Institute , Mannheim, Germany, 1991

Fellowship and Awards: (including convener/co-convener/member organizing committees etc for International and national conferences/workshops/seminars)

1. Post-doctoral fellow at Institute of Cell and Molecular Biology, University of Edinburgh, U.K.,1995-96.
2. DAAD (German Academic Exchange Service) Post-doctoral fellow at Freie Universitat, Berlin, Germany, 1991-92.
3. UNESCO Young Scientist Award in the field of “ Biotechnology- Mycology and Plant Pathology” for the year 1989.
4. Research Associate of Council of Scientific and Industrial Research, India at University of Delhi,1987.
5. Senior Research fellow of Council of Scientific and Industrial Research, India at University of Delhi,1985-86.
6. Junior Research fellow of Council of Scientific and Industrial Research, India at Banaras Hindu University 1984-85.
7. Banaras Hindu University Research fellowship 1982-83.
8. Banaras Hindu University prize for standing I in Botany at B.Sc. (Hons.) Pt.III examination 1978.

International /National Positions and/or Awards/ Fellowships

1. Post-doctoral fellow at Institute of Cell and Molecular Biology, University of Edinburgh, U.K.,1995-96.
2. DAAD (German Academic Exchange Service) Post-doctoral fellow at Freie Universitat, Berlin, Germany, 1991-92.
3. UNESCO Young Scientist Award in the field of “ Biotechnology- Mycology and Plant Pathology” for the year 1989.

List of Students Awarded Ph.D./M/Phil.: 1. Dr. Renuka Rawat, awarded Ph.D. from University of Delhi in 2000

List of Students Pursuing Ph.D./M.Phil. : Nil

List if Students guided for /M.Tech./B.Tech/B.Sc./M.Sc./B.A./M.A. Projects etc. .

List of students guided for Summer projects

List of Students guided for Innovation Projects

1	HEMANT PANDEY
2	APURWA KESTWAL
3	PUJA SINGH
4	SANGEETA KUMARI
5	VAISHALI DHALWAL
6	AKANKSHA SHARMA
7	DIKSHA CHAUHAN
8	GURSHARAN JEET SINGH
9	PARUL MANN

REVIEWER INTENATIONAL/National JOURNALS:

Member International/National Journal editorial Board etc.

Research Projects/ Innovation Projects Undertaken :

Completed .1. Principal Investigator of the major research project entitled “

Biocontrol of Nematodes using nematophagous fungi” financed by University Grants Commission, June 1994- August1999.

2. Investigator of the Innovation project entitled “ Isolation, Identification and process optimization of fungal Lipases for their potential applications in industry” financed by University of Delhi, 2013-15.

Ongoing “Solid State Fermentation of Urban Waste into Food, through *Pleurotus* Cultivation” 2015-16

Research Interest: Mycology and Plant Pathology

Computer Literacy: (Softwares etc. used /working knowledge) Basic functioning

Contribution in International Conferences/Seminars/Workshops :

Presented Papers and Abstract published

1. **Geeta Saxena** & K.G. Mukerji, (1990) "Distribution of nematophagous fungi in Varanasi, India", 4th International Mycological Congress, Regensburg, Germany, 28th Aug. – 3rd Sept. 1990.
2. N. Mittal, **Geeta Saxena** & K.G. Mukerji (1997) "Biological Control of root-knot nematode *Meloidogyne incognita* by nematode-destroying fungi *Paecilomyces lilacinus* in *Lycopersicon esculentum*". Int. Conf. "From Ethnomycology to Fungal Biotechnology" 15-16th Dec.1997 Holiday Home, Shimla.
3. R.Rawat, A.Pandey, **Geeta Saxena** & K.G. Mukerji, (1997) "Rhizosphere biology of *Abelmoscus esculentus* in the soil infested with root-knot nematode. Int. Conf. "From Ethnomycology to Fungal Biotechnology" 15-16th Dec. 1997 Holiday Home, Shimla.

Contribution in National Conferences Seminars/Workshops :

Presented Papers and Abstract published

1. **Geeta Prasad** & R. Dayal (1982) "Three species of *Arhrobotrys* capturing nematodes." 52nd Annual Session of National Acad. of Sciences, India, 1982, Madurai.
2. **Geeta Prasad** & R. Dayal (1982) "Some Hyphomycetes preying on nematodes" 35th Annual Session of Indian Phytopathological Society, 27-29th Dec., 1982, Mysore.
3. **Geeta Prasad** & R. Dayal (1984) "Two species of endoparasites capturing nematodes" 36th Annual Session of Indian Phytopathological Society, 16-18th Feb., 1984, Hisar.
4. **Geeta Prasad** & R. Dayal (1984) "Nematophagous fungi: Two new records of *Myzocytiium*" 54th Annual Session of National Academy of Sciences, India 11-13th March 1984, Madurai.

5. **Geeta Prasad & R. Dayal** (1984) "Studies in nematophagous fungi X *Arthrobotrys superba* – a mycopathogen. Nat. Sym. on Soil Pest & Soil Organisms. 29-31 Oct., 1984, Banaras Hindu Univ., Varanasi.
6. **Geeta Prasad** (1985) " Factors affecting occurrence of nematophagous fungi". National Symposium on Environment and Plant Diseases and 37th Annual Session of Indian Phytopathological Society, 8-10th Jan., 1985, Lucknow Univ., Lucknow.
7. **Geeta Prasad & R. Dayal** (1985) "Induction of Trap formation and attraction of nematodes towards nematophagous fungi." National Seminar on Recent Advances in Plant Pathological Research, 23-25th Sept., 1985, Banaras Hindu Univ., Varanasi.
8. **Geeta Prasad, N.Srivastava & K.G. Mukerji** (1986). Microbial Ecology in India. Indian Association for History Philosophy of Science. Vigyan Bharti 13:18-19.
9. **Geeta Saxena** (1986) "Food delicacy and microbes". National Seminar on interaction between researches in universities and industries. 9-11 July, 1986. Vigyan Bhawan, New Delhi.
10. **Geeta Saxena** (1987) "Few nematophagous fungi from Varanasi soil". National Symposium on Fungal ecology in relation to human welfare. 28-30 Nov. 1987, Osmania University, Hyderabad.
11. **Geeta Saxena, R. Dayal & K.G.Mukerji**, (1988) "Studies on colony interaction between nematophagous and some selected soil fungi." Int. Conf. on Researches in Plant Sciences and its relevance to future. 7-11th March 1988, Delhi.
12. **R.Rawat, Geeta Saxena, K.G. Mukerji, N.Mittal & Mamta Sharma** (1997) Biological control of root-knot disease in *Capsicum annum* using *Paecilomyces lilacinus* and *Glomus fasciculatum*. National Symposium on Microbes in Plant Improvement and Environment Protection. P.37 23-24th Dec. 1997 Univ. of Delhi, Delhi.
13. **Geeta Saxena** (1999) "Nematophagous fungi : Biocontrol agents of nematodes", Refresher Course in Life Sciences entitled "Microbial Biotechnology" held at CPDHE, Univ. of Delhi, 23 Dec. 98 – 12 Jan.99.

LIST OF PUBLICATION (with title of the papers/articles, list of authors along with journal title , year of publication, ISSN/ISBN No. and Impact factor) :

1. **Geeta Prasad, P.R. Singh & R.Dayal** (1984) "Studies in nematophagous fungi VI : Two new records from India". **Nat. Acad. Sci. Letters** 7(12):363-365. ISSN: 0250-541X (Impact factor 0.240).

2. **Geeta Prasad**, P.R. Singh & R. Dayal (1984) "Studies in nematophagous fungi VII : Two new records from India". **Proc. Nat. Acad. Sci. India** 54(111):163-166. ISSN: 0369-8211 (Impact factor 0.396)
3. **Geeta Prasad** & R. Dayal (1985), "Studies in nematophagous fungi IX: *Myzocyrtium papillatum* – a new record from India". **Curr.Sci.** 54(6):286-287. ISSN 0011-3891 (impact factor 0.91)
4. **Geeta Prasad** & R.Dayal (1985), "*Stylopage rhyncospora* – new amoebophagous fungus from India" **Science & Culture** 51(2): 51-52. ISSN 0036-8156
5. **Geeta Prasad** & R.Dayal (1986), "Studies in nematophagous fungi VIII: Two endoparasites on *Amphidorylaimus*". **Proc. Nat. Acad. Sci.** 56(B): 46-48. ISSN 1091-6490
6. **Geeta Prasad** & R. Dayal (1986) "Studies in nematophagous fungi XI: *Meristacrum asterospermum* – a new record from India. **Curr.Sci.**55(6) : 321-322.ISSN0011-3891 (impact factor 0.91)
7. **Geeta Saxena** & K.G. Mukerji (1986). "Formation of sclerotia in a soil strain of *Botrytis cinerea*. **Plant Cell Incompatibility Newsletter (New York)** 18:28-32.
8. **Geeta Saxena**, R.Dayal & K.G. Mukerji (1987). "Interaction of nematodes with nematophagous fungi: Induction of trap formation attraction and detection of attractants". **FEMS Microbiol. Ecol.** (Currently **FEMS Microbiology Letters**) 45:319-327. (impact factor 2.049) ISSN 1574-6941
9. **Geeta Saxena (1987)**, "Predaceous fungi". **Botanica** 37:11-13.ISSN 0045-2629
- 10.N. Mittal, **Geeta Saxena**, R.Jagpal & K.G. Mukerji (1987). "Interaction between nematophagous and vesicular arbuscular mycorrhizal fungi" **Plant Cell Incompatibility Newsletter (New York)** 19:54-59.
- 11.**Geeta Saxena** & K.G. Mukerji (1987). "Few nematophagous fungi from Varanasi soil". **Proc. Nat. Sym. Fungal Ecol.:** 39-46.
- 12.N.Mittal, **Geeta Saxena** & K.G. Mukerji (1988). "Few predators from Delhi soils". **Jour. Rec. Adv. Appl. Sci.**3 (1): 383-388. ISSN: 0970-1990

13. N. Gupta, **Geeta Saxena**, V.P. Singh & K.G. Mukerji (1988). "Factors affecting distribution of nematophagous fungi in Delhi" **Acta Botanica Indica** 16(1):46-50. ISSN 0379-508X.
14. **Geeta Saxena**, R.Dayal & K.G. Mukerji (1988), "Studies on colony interaction between nematophagous and some selected soil fungi". **Allionia** 28:185-191. ISSN 0065-6429
15. **Geeta Saxena**, R.Dayal & K.G. Mukerji (1989), "*Arthrobotrys superba* as a mycopathogen" **Acta Botanica Indica** 17:220-221. . ISSN 0379-508X.
16. **Geeta Saxena**, R.Dayal & K.G. Mkerji (1989). "Nutritional studies on nematode trapping fungi" **Folia Microbiologica** 34(1):42-48. (impact factor 0.791) ISSN: 0015-5632
17. N. Mittal, **Geeta Saxena** & K.G. Mukerji (1989). "Ecology of nematophagous fungi: Distribution in Delhi" **J.Phytol. Res.**2(1): 31-37. [ISSN NO. =0970-5767]
18. N. Mittal, **Geeta Saxena** & K.G. Mukerji (1989). "Ecology of nematophagous fungi" **Jour. Rec.Adv.Appl.Sci.**4(2):624-632.
ISSN-0970-1990
19. **Geeta Saxena**, R.Dayal & K.G. Mukerji (1989). "Interaction between *Arthrobotrys musiformis* and some soil fungi" **Plant Cell Incompatibility Newsletter (New York)** 21:49-58.
20. **Geeta Saxena** & K.G. Mukerji (1991). "Distribution of nematophagous fungi in Varanasi, India". **Nova Hedwigia** 52(3-4):487-49 (impact factor 0.809) ISSN 0029-5035.
21. N. Mittal, M.Sharma, **Geeta Saxena** & K.G. Mukerji (1991). "Effect of VA Mycorrhiza on gall formation in tomato roots". **Plant Cell Incompatibility Newsletter (New York)** 23:39-43.
22. N.Mittal, **Geeta Saxena** & K.G. Mukerji (1992). "Biological control of *Meloidogyne incognita* by *Paecilomyces lilacinus*" In: **Root Ecology and its Practical Applications, 3rd ISRR Symposium** (Eds. L.Kutschera et al.) Klagenfurt, Austria, 547-550. ISBN 3-9500203-0-6
23. N.Mittal, **Geeta Saxena** & K.G. Mukerji (1993), "Compatibility of nematophagous fungi and nematodes". **Plant Cell Incompatibility Newsletter (New York)** 25:31-34.

24. **Geeta Saxena** & G.Lysek(1993), "Observation of nematophagous fungi in natural soils by fluorescence microscopy and correlation with isolation". **Mycological Research (Currently Fungal Biology) 97(8):**1005-1011. (impact factor 2.342) ISSN 1878-6146.
25. **Geeta Saxena** & N.Mittal (1995), "Trap formation by conidia of nematode-trapping *Monacrosporium* spp". **Mycological Research (Currently Fungal Biology) 99(7):**839-840. (impact factor 2.342) ISSN 1878-6146.
26. N.Mittal, **Geeta Saxena** & K.G. Mukerji (1995). "Integrated control of root-knot disease in three crop plants using chitin and *Paecilomyces lilacinus*". **Crop Protection 14(8):**647-651. . (impact factor 1.598) ISSN 0261-2194
27. J.W. Deacon & **Geeta Saxena** (1997). "Orientated zoospore attachment and cyst germination in *Catenaria anguillulae*, a facultative endoparasite of nematodes". **Mycological Research (Currently Fungal Biology) 101(5):**513-522. (impact factor 2.342)) ISSN 1878-6146.
28. J.W. Deacon & **Geeta Saxena** (1998). "Germination triggers of zoospore cysts of *Aphanomyces euteiches* and *Phytophthora parasitica*". **Mycological Research (Currently Fungal Biology) 102(1):** 33-41. (impact factor 2.342)) ISSN 1878-6146.
29. N.Mittal, **Geeta Saxena** & K.G. Mukerji(1999) "Biological control of root-knot nematode by nematode-destroying fungi". In: **From Ethnomycology to Fungal Biotechnology : Exploiting Fungi from Natural Resources for Novel Products.** (Eds.J. Singh & K.R. Aneja), Kluwer Academic, Plenum USA,163-172. ISBN 978-1-4615-4815-7
30. R.Rawat, A.Pandey, **Geeta Saxena** & K.G.Mukerji(1999) "Rhizosphere biology of root-knot diseased *Abelmoschus esculentus* in relation to its biocontrol"., In: **From Ethnomycology to Fungal Biotechnology : Exploiting Fungi from Natural Resources for Novel Products.** (Eds.J.Singh & K.R. Aneja) Plenum USA, 173-184. ISBN 978-1-4615-4815-7
31. **Geeta Saxena** (2008) "Observations on the occurrence of nematophagous fungi in Scotland". **Applied Soil Ecology 39:**352-357. (impact factor 2.793) ISSN 0929-1393.
32. Hemant Pandey, Apurwa Kestwal, Diksha Chauhan, Sangeeta Kumari, Vaishali Dhalwal, Gursharan J. Singh, Puja Singh, Parul Mann, Akanksha Sharma, **Geeta Saxena**, Anjana Kapoor and Bhoopander Giri (2015) "Isolation and screening of potential fungi and standardization of a process for the production

of extracellular lipase” **DU Journal of Undergraduate Research and Innovation** 1(1),116-123. ISSN 2395-2334.

List of Books/Monographs Published (along with the Publisher’s name and ISBN No. and year of Publication)

1. “Recent development in Biocontrol of Plant diseases” (Eds. K.G.Mukerji, J.P.Tewari, D.K.Arora & **Geeta Saxena**) Aditya Books Pvt. Ltd. New Delhi, India, 1992. pp 195. ISBN 81-85353-11-5.
2. “New Approaches in Microbial Ecology (Eds. J.P. Tewari,,**Geeta Saxena**, N. Mittal, I. Tewari & B.P.Chamola) Aditya Books Pvt. Ltd. New Delhi, 1997, pp 642. . ISBN 81-85353-37-9.
3. “Management of Nematode and Insect-borne Plant Diseases” (Eds. **Geeta Saxena** & K.G. Mukerji) The Haworth Press, Taylor and Francis Group, New York, 2007, pp.290. .ISBN 978-1-56022-134-0.

Articles in Edited Books/Conference Proceedings/Book Chapter Published(along with title of the book, publisher and ISBN No and year of publication).

1. **Geeta Saxena**, R.Dayal & K.G. Mukerji (1986) “Nematophagous fungi” In: **Frontiers in Applied Microbiology** (Eds. V.P.Singh & K.G. Mukerji) Print House. India Vol.II, 257-280. ISBN 8185009201
2. **Geeta Saxena** & K.G. Mukerji (1988). “Biological control of nematodes” In: **Biocontrol of Plant Diseases** Vol.I (Eds. K.G. Mukerji & K.L. Garg). C.R.C. Press Inc. U.S.A. 113-127. ISBN:0-8493-4595-2.
3. R.Dayal, **Geeta Saxena** & Abdul Rashid (1988). “Nematophagous fungi as biocontrol agents” – An overview In: **Perspectives in Mycology and Plant Pathology. Prof. B.S. Mehrotra festschrift** (Eds. V.P. Agnihotri et al.) Malhotra Publishing House, New Delhi, India, 546-553.
4. **Geeta Saxena**, N.Mittal, K.G. Mukerji & D.K. Arora (1991). “Nematophagous fungi in biological control of nematodes” In: **Handbook of Applied Mycology: Humans, Animals and Insects.** Voll.II (Eds. D.K.Arora et al.) Marcel Dekker Inc. USA 707-733. ISBN 0-8247-8435-9.
5. N.Mittal, **Geeta Saxena**, K.G. Mukerji & R.K. Upadhyay (1996). “Biocontrol of nematodes by nematode-destroying fungi”. In: **IPM System in Agriculture: Biocontrol in Emerging Biotechnology**, Vol.2(Eds. R.K. Upadhyay, K.G. Mukerji & R.L. Rajak), 453-502. Aditya Books Pvt. Ltd., New Delhi, India. ISBN 81-85353-40-9.

6. **Geeta Saxena & N.Mittal (1997)**. "Ecology of nematode - destroying fungi". In: **New Approaches in Microbial Ecology** (Eds. J.P. Tewari, Geeta Saxena, N.Mittal, I.Tewari & B.P. Chamola) Aditya Books Pvt. Ltd., New Delhi India 39-85. ISBN 81-85353-37-9.

7. **Geeta Saxena & N. Mittal (1999)**. "Nematophagous fungi with special reference to interaction with nematodes". In: **Advances in Microbial Biotechnology** (Eds.J.P.Tewari et al.), APH Publishing Corpn., New Delhi, India 485-507.ISBN 81-7648-078-9.

8. **Geeta Saxena (2004)** "Biocontrol of nematode-borne diseases in vegetable crops". In: **Disease Management of Fruits and Vegetables: Fruit & Vegetable Diseases**. Vol.I (Ed.K.G. Mukerji) Kluwer Academic Publishers, The Netherlands 387-450.554pp .ISBN 1-4020-1976-9.

9. **Geeta Saxena (2007)** Nematophagous fungi as biocontrol agents of plant-parasitic nematodes". In: **Management of Nematode and Insect-borne Plant Diseases**. (Eds.Saxena, G. and Mukerji, K.G.) The Haworth Press, Taylor & Francis Group, New York, 165-194.290pp.ISBN 978-1-56022-134-0.

Journal Proceedings/ Journals Edited (with title of the journal , year of publication etc.)

Popular articles published / Articles published in newspapers etc.

Professional Association and Membership of Learned Bodies

- 1.Life member of Delhi University Botanical Society.
2. Life member of Association of Microbiologists of India

Any Other information:

- 1..Visited Julius Kuhn Institute, Federal Research Centre for Cultivated Plants, Berlin, Germany, June 2008.
2. Delivered talk on " Microbes and their applications" at Kendriya Vidyalaya, Ashok Vihar, Delhi to PGT teachers, September 2008.

3. Delivered talk on “ Encystment and germination of Zoospores of *Caternaria anguillulae* on nematodes” in Scottish Agricultural College, Edinburgh U.K. May,1996.
4. Delivered invited talk on “ Nematophagous fungi and their applications” at Institute of Cell and Molecular Biology, University of Edinburgh, U.K., April 1996.
5. Delivered invited talk on “ Ecology of nematophagous fungi and their uses in biological control” at Department of Microbial Ecology, University of Lund, Helgonavagen, Lund, Sweden, May, 1992.
6. Visited and learned techniques at Royal Veterinary and Agricultural University , Institute of Hygiene and Microbiology, Frederisberg C, Cpenhagen, Denmark, May, 1992.
7. Delivered invited talk on “Nematophagous fungi : Distribution, interaction and application” at Institut fur Systematische Botanik und Pflanzegeographie, Freie Universitat Berlin, Germany. November,1991.
8. Presented poster in 4th International Mycological Congress at University of Regensburg, Germany August 28- September 3, 1990.
9. Worked as Teacher-in-Charge of Botany Department, SSN College in 1990-91, 1999-2000 , 2004-05 & 2014-15.
10. Worked as members in different committees like Academic Advisory, Admission, Cultural, Sports, Purchase, Verification, Women Development Centre etc.

11. Participated in various Seminars, conferences and symposia given below:

1. Participated in Third International Symposium on Plant Pathology held at Dvn. Of Mycology & Plant Pathology I.A.R.I., New Delhi 14-18th Dec.1981.
2. Participated in 52nd Annual Session of National Academy of Sciences, India, Madurai, 1982.
3. Participated in 35th Annual Session of Indian Phytopathological Society held at CFTRI, Mysore, 27-29th Dec. 1982.
4. Participated in 36th Annual Session of Indian Phytopathological Society, Hisar, 16-18th Feb. 1984.
5. Participated in 54th Annual Session of National Academy of Sciences, India. Madurai, 11-13th March, 1984.
6. Participated in National Symposium on Soil Pest & Soil Organisms, Banaras Hindu Univ.Varanasi, 29-31 Oct., 1984.
7. Participated in National Symposium on Environment and Plant Diseases and 37th Annual Session of Indian Phytopathological Society, Lucknow Unvi., Lucknow 8-10th Jan. 1985.
8. Participated in National Seminar on Recent Advances in Plant Pathological Research, held at Dept. of Mycology and Plant Pathology, Banaras Hindu Univ., Varanasi, 23-25th Sept. 1985.
9. Participated in National Seminar on interaction between Researches in universities and industries. Vigyan Bhawan, New Delhi, 9-11 July, 1986.
10. Participated in National Symposium on Fungal ecology in relation to human welfare. Osmania University, Hyderabad, 28-30 Nov. 1987.
11. Participated in International Conference on Researches in Plant Sciences and its relevance to future. held at Indian National Science Academy. Delhi 7-11th March, 1988.
12. Participated in 4th International Mycological Congress, Regensburg, Germany, 28th Aug. – 3rd Sept. 1990.
13. Participated in “National Environment Awareness Campaign workshop on Environmental Education : Biodiversity. held at S.S.N. College, Univ. of Delhi, Delhi 8-9 Feb. 1993.

14. Participated in "NEAC workshop in Environmental Education : Montreal Protocol" held at S.S.N. College, Univ. of Delhi, Delhi 9-10 Jan. 1995.
15. Participated in "Scottish Mycology and Plant Pathology Club Meeting" held at Scottish Agricultural College, University of Edinburgh, U.K. 29 May 1996.
16. Participated in "Hundred Years of Mycological Research" held at Royal Botanical Garden, Edinburgh, U.K. June, 1996.
17. Participated in "NEAC workshop on Environmental Education : Conservation of Medicinal Plants" held at S.S.N. College, Univ. of Delhi, Delhi 5 June 1997.
18. Participated in International Conference "From Ethnomycology to Fungal Biotechnology" Holiday Home, Shimla, 15-16th Dec. 1997.
19. Participated in "National Symposium on Microbes in Plant Improvement and Environmental Protection" held at Dept. of Botany, Univ. of Delhi, Delhi 23-24th Dec. 1997.
20. Participated in National Symposium on Sustainable Aquaculture" held at Department of Botany, Univ. of Delhi, Delhi 20-21st Feb. 1998.
21. Participated in Seminar on "Emerging Trends in Biotechnology" held at Gargi College, Univ. of Delhi, Delhi 3-4 Nov. 1999.
22. Participated in "Golden Jubilee Symposium on Biotechnological Innovations in Conservation and analysis of Plant diversity". organised by Delhi Univ. Botanical Society, Dept. of Botany, Univ. of Delhi held at Indian National Science Academy, New Delhi, 7-9 Feb. 2001.
23. Participated in "Thermophiles 2001 International Conference on Biology and Biotechnology of thermophilic microbes", held at Dept. of Microbiology, Univ. of Delhi South Campus, 3-7th Dec. 2001.
24. Participated in "National Convention on Transgenic Rapeseed-Mustard: An Assessment. held at India International Centre, New Delhi, 16-17th Jan. 2002.
25. Participated in "NEAC symposium on Water" – The Elixir of Life" held at Daulat Ram College, Univ. of Delhi, 11-12 Dec. 2002.
26. Participated in National Seminar on "Climate change in India and its impact on plant diversity and productivity" organized by Delhi Univ. Botanical Society held at Institute of Economic Growth, Dec. 22-23, 2003.

27. Participated in National Seminar on “Women, Environment and Development “ organised by S.S.N. College held at School of Environmental Studies, Univ. of Delhi, March 9, 2004.
28. Participated in Workshop on “The New Botany Syllabus – Challenges Ahead” organized by Centre for Science Education and Communication (CSEC) 29 March – 8 April 2004.
29. Participated in “DBT sponsored popular lecture series” organized by S.S.N. College, Univ. of Delhi held at School of Environmental Studies Feb.2005.
30. Participated in International Conference on “Environment and Development: Challenges and Opportunities” organized by S.S.N. College Univ. of Delhi held at School of Environmental Studies 4-6th March, 2005.
31. Participated in National Seminar on Genetically modified organisms – Biosafety Aspects. organized by Delhi Univ. Botanical Society, Univ. of Delhi 10-11th March, 2005.
32. Participated in Symposium “ Deliberations on Plant diseases management at the Crossroads” IPS Zonal meeting held at Division of Plant Pathology IRAI New Delhi, December 13,2005.
33. Participated in International Conference on Applied Phycology “Algae in Biotechnology and Environment” held at Univ. of Delhi 14-15 Feb. 2006.
34. Participated in National Seminar on Current Trends in Plant Sciences organized by Delhi Univ. Botanical Society, Univ. of Delhi 15-16 Feb. 2007.
35. Participated in Workshop on Sustainable Resource Management organized by German Academic Exchange Service at India International Centre, New Delhi 27 April, 2007.
36. Participated in International Conference on “Biodiversity, Environment and Sustainability : Challenges for Future”. organized by S.S.N. College, Univ. of Delhi 4-6th Sept. 2008.
37. Participated in 49th AMI Conference on “ Microbial Biotechnology: Diversity, Genomics and Metagenomics” organized by the Association of Microbiologists of India and the American Society for Microbiologists at University of Delhi, November 18-20, 2008.

38. Participated in National Symposium on “ Biotechnology in the Post Genomic Era” organized by Sri Venkateswara College, University of Delhi, April 9-10, 2009.
39. Participated in 5th International Conference on Plant Pathology: Plant Pathology in the Globalized Era at Indian Agricultural Research Institute Nov.10-13,2009.
40. Participated in BIOTIKOS’11 workshop on “Impact of Biotechnology on Man and Environment ”at TERI University Mar.10,2011.
41. Participated in a workshop on “ Biology and Technology of Cultivable Mushrooms” at Institute of Life Long Learning, University of Delhi, South Campus Feb.18-19,2014
42. Participated in “1st Himalayan Conclave” at University of Delhi organized by Institute of Bioresources and Sustainable Development, Department of Botany, University of Delhi, Himalayan Environmental Studies and Conservation Organization and Institute of Himalayan Bioresource Technology. Sept.9-10,2015.