

CURRICULUM – VITAE

Name Dr. Mrs ANJANA KAPOOR

Personal Information

Date of Birth: 13Th JANUARY 1958

Citizenship INDIAN

Present Position: ASSOCIATE PROFESSOR
MICROBIOLOGY

Official Address: SWAMI SHRADDHANAND COLLEGE
ALIPUR DELHI 110036
University of Delhi

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PLOT 36 , SECTOR 13 . ROHINI DELHI 110085

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E-mail address: anjana.kapoor@ gmail.com

Date of Appointment in the College: 28th APRIL 1995

Total Teaching Experience: 25 years

Native Place: U. P. INDIA

Education:

QUALIFICATIONS	UNIVERSITY/INSTITUTE	YEAR OF PASSING
B. Sc.	Kanpur University	1977
M. Sc.	Allahabad University	1979
D. Phil.	Allahabad University	1985

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

International /National Positions and/or Awards/ Fellowships

- 1) During Ph.D. (D. Phil.) got Senior Research Fellowship from Indian Council of Agricultural Research (ICAR) at Department of Botany, Allahabad University.

Post-doctoral fellowship:

- a. Research Associate, (1985-86) from ICAR project (AP Cess fund) on “Identification of plant pathogenic fungi and preparation of disease maps”, at Division of Mycology & Plant Pathology, at Division of Plant Pathology, Indian Agriculture Research Institute. (IARI) New Delhi.
- b. **Research Associate** in **INDO – US PROJECT** (1987-90) on “ Synergistic effect of VAM with *Rhizobium*” at the Division of Microbiology at I A R I New Delhi.
- c. **Research Associate** (U.G.C.) (1990-91) on “Biotechnological aspect of thermophilic Fungi.” at Dept. of Microbiology, University of Delhi, South Campus New Delhi.

List of Students Awarded Ph.D./M/Phil.: NOT APPLICABLE

List of Students Pursuing Ph.D./M.Phil. : NOT APPLICABLE

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

List of students guided for Summer projects: NOT APPLICABLE

List of Students guided for Innovation Projects

B.Sc. (Hons.) students (Botany and Microbiology): Hemant Pandey, Apurwa Kestwal, Diksha Chauhan, Sangeeta Kumari, Vaishali Dhalwal, Gursharan J. Singh, Puja singh, Akanksha Sharma and Parul Mann

Reviewer International/National journals:

Member International/National Journal editorial Board etc.

Research Projects/ Innovation Projects Undertaken :

Innovation Project, University of Delhi. 2013.

- i. **Completed : ONE INNOVATION PROJECT (2013-15) : Isolation, Identification and process optimization of fungal lipases for their potential application/s in industry (SSNC 201).**
- ii. **Ongoing : Nil**

Research Interest: Plant pathology, Environmental Microbiology, Food Microbiology, Mycology.

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

1. Contribution in International Conferences/Seminars/Workshops :

Poster presentation. Third **International Symposium** on plant Pathology organized by Indian Phytopathological Society at IARI- New Delhi (1981)

2. Contribution in National Conferences Seminars/Workshops :

1. Poster presentation. Symposia on “Recent advances in the study of structural morphology of Plants” organized by Botany Deptt., Allahabad University. (1982)
2. Poster presentation. Symposia on “ Recent Trends in the Ecology of Micro-organisms” held at Shillong (1983). Biotechnology
3. Poster presentation. Third National Conference of Mycorrhiza held at TERI, New Delhi-1995.

Participation in Conferences/Seminars/Workshops:

1. Symposia Organized by National Academy of Sciences, India in its Golden Jubilee session at Allahabad (1980)
2. National Symposium on” Evolution of life” at Dept. of Biophysics, University of Delhi, South Campus (1996)
3. 38th Annual conference of the Association of Microbiologist of India on “Microbes in sustainable development” at Jamia Millia Islamia, New Delhi (1997)
4. Seminar on “Biotechnological application of Micro-organisms for Health, Wealth and Environment Sustainability” at CAMS, JNU, New Delhi (1997)
5. National Symposium on “ Microbial techniques for the environmental management and resource recovery” organized at University of Delhi, South Campus (1997)
6. National Symposium on “Microbes in plants improvement and environmental protection” at Dept. of Botany, University of Delhi (1997)
7. Workshop on “Environmental management of water-borne diseases” at University of Delhi, South Campus (1999)
8. “Emerging trends in biotechnology” at Gargi college, University of Delhi,(1999)
9. “The Genome planet, a symposium on functional Genomics” at Biochemistry Department, Daulat Ram College, University of Delhi (2000)
10. Indian Science Congress ; Indian Agriculture Research Institute, New Delhi (2001) .
11. - **An International Conference** “Biology and Biotechnology of Thermophilic Microbes” Department of Microbiology, University of Delhi, South Campus (2001)
12. National Symposium on “Lignocellulose Biotechnology : Present and Future Prospects”, Department of Microbiology, University of Delhi, South Campus(2001)
13. Workshop on “Development in Bacterial Diversity and Systematics” Sponsored by Ministry of Environment and Forests, held at Dept. of Microbiology, University of Delhi, South Campus (2007).

14. Participated in Symposium on “Biofuels: An Alternative and Non-conventional Energy Source for Future”, held at Bhaskaracharya College of Applied Sciences, University of Delhi (2015).
15. Attended workshop on “Biology and Technology of Cultivable Mushrooms”, organized by Institute of Life Long Learning, University of Delhi, South Campus, (2014).

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. **Isolation and Screening of potential Fungi and Standardization of a process for the production of Extracellular Lipase’** 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 in **Journal of Undergraduate Research and Innovation**. Paper No. 10, Volume 1, Feb 2015. ISSN: 2395-2334.
2. Singh, C. S.; **Kapoor, Anjana**; Rana, J. P. S. **1998**. Occurrence of Ecto- and Endo mycorrhizae with the Roots of Casuarina Equisetifolia in Various Soil Types. **Indian Forester**. [S.l.], p. 561-564, ISSN: 2321-094X. (Cited by 22).
3. CS Singh, **Anjana Kapoor**, SS Wange. 1991. The enhancement of root colonisation of legumes by vesicular-arbuscular mycorrhizal (VAM) fungi through the inoculation of the legume seed with commercial yeast (*Saccharomyces cerevisiae*). **Plant and soil**. 131:129-133. (Cited by 3).
4. CS Singh, JS Amawate, SP Tyagi, **A Kapoor**. **1990**. Interaction & effect of *Glomus fasciculatum* and *Azospirillum brasilense* on yields of various genotype of wheat (*Triticum aestivum* in pots. **Zentralblatt für Mikrobiologie** 145:(203-208). (Cited by 11).
5. CS Singh, **A Kapoor**. 1989. Effect of seed inoculation with yeast on root colonization by native vesicular-arbuscular mycorrhizal (VAM) fungi and symbiotic parameters of legumes under potted soil conditions. **Zentralblatt für Mikrobiologie** 144 (6): 385-388. (Cited by 4).
6. JL Bhat, **A Kapoor**. **2005**. Sustainable Agriculture: Use of Biofertilizers. **Environment and Development: Challenges and Opportunities**, **283**.

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

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

1. Chapter in “Phylloplane Microbiology and control of foliar Pathogens through resident antagonists” in Book entitled “ Perspectives in Mycology and plant pathology “ (1988) Published by Malhotra Publishing House , New Delhi. ISBN-10: 81-85048-09-6.
2. **Chapter in e-book on Kapoor, Anjana**. Environment and its important components. 2008. **NISCAIR (National Institute of Science Communication and Information**

Resources). Available at: nsdl.niscair.res.in/jspui/handle/123456789/677 **Sole Author.**

3. **E. CHAPTER:** Written a total of 3 chapters in MICROBIOLOGY for **ILLL(INSTITUTE FOR LIFE LONG LEARNING), DELHI UNIVERSITY.** ISSN: 2349-154X.

Present status : 1 No- uploaded at the site . 2 Nos –submitted. 4th is under writing /revision.

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

LIFE MEMBER INDIAN SCIENCE CONGRESS ASSOCIATION
INDIAN PHYTOPATHOLOGY
ASSOCIATION OF MICROBIOLOGIST OF INDIA

Any Other information:

1. Served as a jury member thrice in annual INSPIRE exhibition organized to judge and motivate All India school children at Pragati Maidan, New Delhi.
2. Served as Guest faculty for Food Microbiology and Food Technology at **Ministry of Micro, Small and Medium Enterprises - Development Institute (MSME-DI)** at Okhla, New Delhi.
3. Vesicular –Arbuscular Mycorrhiza: A write up, for summer Institute on recent development of fertilizers at the division of Microbiology, IARI, New Delhi (1998).
4. Microbial fertilizers on Aerial plant surfaces: A write up, submitted to the refresher course entitled Microbial Biotechnology conducted by CPDHE (1999), Delhi University.
5. Have been member of various committees of the College Administration.
6. Continuously involved in conduction of Practicals, evaluation and Re-evaluation of answer scripts and Paper-setting.
7. Have been superintendent/Assistant-Superintendent for conduction of Examinations at the college.
8. Have also been Teacher In-charge of Microbiology Department more than once.