

CURRICULUM VITAE



Dr. Pooja Suneja

Professor

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Administrative positions:

- Head, Department of Microbiology, Maharshi Dayanand University, Rohtak, Haryana
- Director, University Campus School, Maharshi Dayanand University, Rohtak, Haryana



Educational qualifications:

- PhD (BioScience) from M. D. University, Rohtak, Haryana, India. Thesis entitled “Molecular characterization of rhizobia forming nodules on reverted non- nodulating selections of chickpea”
- M.Sc. (Microbiology) from CCSHAU Hisar, Haryana, India (**Gold Medalist**)
- B.Sc. (Life Science) from Kurukshetra University, Kurukshetra, Haryana, India



Teaching experience:

- **Sept. 2025-Present: Professor**, Department of Microbiology, M.D. University, Rohtak
- **Sept.2022-Sept.2025: Associate Professor**, Department of Microbiology, M.D. University, Rohtak
- **Sept. 2010-Sept. 2022: Assistant Professor**, Department of Microbiology, M.D. University, Rohtak
- **Nov. 2001- Oct. 2006:** Guest Faculty, Department of Biosciences, M.D. University, Rohtak



Awards/Fellowship/Scholarship:

- **R&D/Consultancy Project Promotion Incentive**, 2022
- **Research Publication Appreciation Award**, 2022
- **Best Poster award** in National Seminar “Innovative Researches in Life Sciences” organized by the Department of Zoology, M.D. University on 21st Feb,2015
- **DST –FAST TRACK** Young scientist award 2014
- Qualified **National eligibility test (NET)** for Lectureship held by Council of Industrial Research in Dec 2000
- **Dr. Ved Vyas Gold Medal** in the M.Sc. Microbiology 1999
- **UNIVERSITY** Scholarship during M.Sc. Microbiology



Research profile:

Research specialization : Molecular Plant Microbe Interaction and Nano-microbiology

Research guidance : Ph.D. Guidance: 9 students, 4 completed, 5 ongoing
MSc. Supervised: 75 students

Research projects:

- **Haryana state council for Science, Innovation and Technology (HSCSIT)** funded Project entitled “Screening Prolidase as Biomarker and Salivary Microbiome Therapeutics for Celiac Disease” (Tenure: Three years; 2026-2029) Ongoing
- **Chaudhry Ranbir Singh Institute of Social & Economic Change**, M.D. University, Rohtak funded project entitled “Spatial Distribution of Heavy-Metals in Haryana Soils and their bioremediation using bacterial cultures” (Tenure: 18 Months; 2026-2028) Ongoing
- **Haryana state council for Science, Innovation and Technology (HSCSIT)** funded Project entitled “Evaluating the role of biopriming and nanoprimering in *Cicer arietinum*: a genomics and proteomics approach under drought stress” (Tenure: Three Years; 2022-2025) Ongoing
- **Dr. Radha Krishanan Foundation Fund**, M. D. University, Rohtak entitled “Optimization of IAA production by endophytic bacteria isolates for their potential use as bioinoculants” (Tenure: One Year; 2019-2020) Completed
- **DST Project** entitled “Exploration of endophytic bacterial diversity in legume-based cropping system in Haryana for potential use in crop improvement” (Young scientist start up grant) (Tenure: Three years ;2014-2017) Completed
- **Dr. Radha Krishanan Foundation Fund**, M. D. University, Rohtak entitled “Isolation and biochemical characterization of bacterial endophytes from roots and nodules of leguminous plants grown in Rohtak district” (Tenure: One Year; 2013-2014) Completed
- **UGC-Minor Project** entitled “Molecular characterization of rhizobia forming nodules on reverted non-nodulating selections of chickpea” (Tenure: Two Years; 2011-2013) Completed

Research interest:

- Bioprospecting of endophytic bacteria from Legumes for their potential use as bioinoculants and phytohormone production
- Biogenic synthesis of nanoparticles using microorganisms and exploring their role in seed priming particularly in abiotic stress
- Analysing the probiotic potential of microbes as therapeutics for Celiac disease
- Microbial bioremediation of heavy-metals
- Omics analysis of host-microbe interaction
- Microbial communities and metabolic profiling of fermenting millets specifically sourdough

Research papers:

1. Gaba K, Pushkarna S, Malhotra P, Kumar A, **Suneja P**, Dang AS. Comprehensive analysis of TNF-alpha gene polymorphism: a computational approach. Human Immunology. 2026 Aug 1;87(8):111766. IF 2.1
2. Kumar P, Rani S, Dahiya P, Kaur B, Kumar P, Arora K, Kumar A, Dang AS, **Suneja P**. Indole-3-Acetic Acid Production and Molecular Insights into its Biosynthetic Pathway. Indian Journal of Microbiology. 2026 Feb;66(1):1-9. IF 2.2
3. Dahiya P, Dhiman S, Kumar P, Rani S, Narayanan AS, Arora K, Dang AS, **Suneja P**. Integrative genomic and functional characterization of halotolerant *Bacillus paralicheniformis* MHN12 for sustainable agriculture. Frontiers in Microbiology. 2026 Jan 23; 16:1736288. IF 5.8

4. Rani S, Dhankher S, Kumar P, Dahiya P, Arora K, Dang AS, **Suneja P**. Biosynthesis, optimization, and characterization of CuNPs using *Bacillus licheniformis* CPJN13S and their antibacterial activity. *Frontiers in Nanotechnology*. 2025 Oct 20; 7:1663115. IF 5.8
5. Pushkarna S, Kumar A, Arora K, Malhotra P, **Suneja P**, Dang AS. Exploring the potential of *Lactobacillus rhamnosus* as gluten-digesting bacteria. *Irish Journal of Medical Science (1971-)*. 2025 Oct;194(5):1589-603. IF 2.0
6. Rani S, Kumar P, Dahiya P, Mehta A, Dang AS, **Suneja P**. Optimization, characterization and antibacterial activity of copper nanoparticles biosynthesized using *Pantoea agglomerans* CPHN2. *Indian Journal of Microbiology*. 2025 Jun;65(2):1345-56. IF 2.2
7. Rani S, Dahiya P, Sharma A, Vashisth Y, Arora K, Dang AS, **Suneja P**. Evaluating the role of biopriming and nanoprimering on the morphometric, biochemical, and yield parameters of chickpea (*Cicer arietinum* L.) under drought stress. *Plant Stress*. 2024 Dec 1; 14:100675. IF 8.1
8. Dahiya P, Kumar P, Rani S, Dang AS, **Suneja P**. Comparative genomic and functional analyses for insights into *Pantoea agglomerans* strains adaptability in diverse ecological niches. *Current Microbiology*. 2024 Aug;81(8):254. IF 2.8
9. Kumar P, Rathee J, Rani S, **Suneja P**. Formulation and effectivity of consortia of potential plant growth promoting endophytic bacteria from chickpea (*Cicer arietinum*). *Journal of Applied Biology and Biotechnology*. 2024 Jul;12(4):241-7.
10. Rani S, Kumar P, Dahiya P, Gupta A, Arora K, Dang AS, **Suneja P**. Effect of biopriming and nanoprimering on physio-biochemical characteristics of *Cicer arietinum* L. under drought stress. *Plant Stress*. 2024 Jun 1; 12:100466. IF 8.1
11. Dahiya P, Kumar P, Rani S, Dang AS, **Suneja P**. Draft genome sequence of halotolerant plant growth-promoting *Bacillus paralicheniformis* MHN12. *Microbiology Resource Announcements*. 2024 Apr 11;13(4): e01138-23. IF 0.6
12. Kumar P, Sudesh, Kumar A, **Suneja P**. Studies on the physicochemical parameter's optimization for indole-3-acetic acid production by *Pantoea agglomerans* CPHN2 using one factor at a time (OFAT) and response surface methodology (RSM). *Environmental Sustainability*. 2023 Mar;6(1):35-44. IF 4.6
13. Kumar P, Rani S, Dahiya P, Kumar A, Dang AS, **Suneja P**. Whole genome analysis for plant growth promotion profiling of *Pantoea agglomerans* CPHN2, a non-rhizobial nodule endophyte. *Frontiers in Microbiology*. 2022 Nov 7; 13:998821. IF 5.8
14. Kumar P, Chauhan V, Dang AS, Kumar A, **Suneja P**. Draft genome sequence of *Pantoea agglomerans* CPHN2, a potential plant-growth-promoting endophyte. *Microbiology Resource Announcements*. 2022 Aug 18;11(8): e00192-22. IF 0.6
15. Bhutani N, Maheshwari R, Sharma N, Kumar P, Dang AS, **Suneja P**. Characterization of halo-tolerant plant growth promoting endophytic *Bacillus licheniformis* MHN 12. *Journal of Genetic Engineering and Biotechnology*. 2022 Dec 1;20(1):113. IF 3.4
16. Sadh P, Saharan P, Duhan S, **Suneja P**, Duhan J. Assessment of fermentation processing effect on phenolic, flavonoids contents and antioxidant activity of commonly used pulses. *Research Journal of Biotechnology*. 2022 May; 17:5. IF 0.1
17. Batra M, Bhatnager R, Kumar A, **Suneja P**, Dang AS. Interplay between PCOS and microbiome: The road less travelled. *American Journal of Reproductive Immunology*. 2022 Aug;88(2): e13580. IF 2.5
18. Maheshwari R, Kumar P, Bhutani N, **Suneja P**. Exploration of plant growth-promoting endophytic bacteria from *Pisum sativum* and *Cicer arietinum* from South–West Haryana. *Journal of Basic Microbiology*. 2022 Jul;62(7):857-74. IF 3.3
19. Rani S, Kumar P, Dahiya P, Dang AS, **Suneja P**. Biogenic synthesis of zinc nanoparticles, their applications, and toxicity prospects. *Frontiers in Microbiology*. 2022 Jun 10; 13:824427. IF 5.8

20. Rani S, Kumar P, Dahiya P, Maheshwari R, Dang AS, **Suneja P**. Endophytism: a multidimensional approach to plant–prokaryotic microbe interaction. *Frontiers in Microbiology*. 2022 May 12; 13:861235. IF 5.8
21. Maheshwari R, Bhutani N, Kumar P, **Suneja P**. Plant growth promoting potential of multifarious endophytic *Pseudomonas lini* strain isolated from *Cicer arietinum* L. *Israel Journal of Plant Sciences*. 2021 Dec 29;69(1-2):50-60. IF 0.6
22. Bhutani N, Maheshwari R, Kumar P, **Suneja P**. Bioprospecting of endophytic bacteria from nodules and roots of *Vigna radiata*, *Vigna unguiculata* and *Cajanus cajan* for their potential use as bioinoculants. *Plant Gene*. 2021 Dec 1; 28:100326. IF 2.3
23. Rani S, Kumar P, **Suneja P**. Biotechnological interventions for inducing abiotic stress tolerance in crops. *Plant Gene*. 2021 Sep 1; 27:100315. IF 2.3
24. Bhutani N, Maheshwari R, Kumar P, Dahiya R, **Suneja P**. Bioprospecting for extracellular enzymes from endophytic bacteria isolated from *Vigna radiata* and *Cajanus cajan*. *Journal of Applied Biology and Biotechnology*. 2021 May;9(3):26-34.
25. Dudeja SS, **Suneja-Madan P**, Paul M, Maheshwari R, Kothe E. Bacterial endophytes: molecular interactions with their hosts. *Journal of Basic Microbiology*. 2021 Jun;61(6):475-505. IF 3.3
26. Maheshwari R, Bhutani N, **Suneja P**. Isolation and characterization of ACC deaminase producing endophytic *Bacillus mojavensis* PRN2 from *Pisum sativum*. *Iranian Journal of Biotechnology*. 2020 Apr 1;18(2): e2308. IF 1.8
27. Maheshwari R, Bhutani N, Bhardwaj A, **Suneja P**. Functional diversity of cultivable endophytes from *Cicer arietinum* and *Pisum sativum*: bioprospecting their plant growth potential. *Biocatalysis and Agricultural Biotechnology*. 2019 Jul 1; 20:101229. IF 4.6
28. Maheshwari R, Bhutani N, **Suneja P**. Screening and characterization of siderophore producing endophytic bacteria from *Cicer arietinum* and *Pisum sativum* plants. *Journal of Applied Biology and Biotechnology*. 2019 Sep 7(05):7–14.
29. Bhutani N, Maheshwari R, Negi M, **Suneja P**. Optimization of IAA production by endophytic *Bacillus spp.* from *Vigna radiata* for their potential use as plant growth promoters. *Israel Journal of Plant Sciences*. 2018 Jul 16;65(1-2):83-96. IF 0.6
30. Bhutani N, Maheshwari R, **Suneja P**. Isolation and characterization of plant growth promoting endophytic bacteria isolated from *Vigna radiata*. *Indian Journal of Agricultural Research*. 2018;52(6):596-603.
31. **Suneja P**, Dudeja SS, Dahiya P. Deciphering the phylogenetic relationships among rhizobia nodulating chickpea: a review. *Journal of Applied Biology and Biotechnology*. 2016 May; 4:61-70.
32. **Suneja P**, Piplani S, Dahiya P, Dudeja SS. Molecular characterization of rhizobia from revertants of non-nodulating cultivar and normal cultivar of chickpea. *Journal of Agricultural Science and Technology*. 2016; 18(3): 763-773
33. **Suneja P**, Kumar A, Dahiya P. Characterization of epiphytic bacteria isolated from chickpea (*Cicer arietinum* L.) nodules. *African Journal of Microbiological Research*. 2014;8(12):1302-9.
34. **Madan PS**, Dahiya P. Diversity and effectivity of mesorhizobia nodulating reverted non nodulating lines of chickpea in comparison to the normal cultivar. *Plant Archives*. 2013; 13:929-35.
35. Dudeja SS, Giri R, Saini R, **Suneja-Madan P**, Kothe E. Interaction of endophytic microbes with legumes. *Journal of Basic Microbiology*. 2012 Jun;52(3):248-60. IF 3.3
36. **Suneja P**, Dudeja SS, Narula N. Development of multiple co-inoculants of different biofertilizers and their interaction with plants. *Archives of Agronomy and Soil Science*. 2007 Apr 1;53(2):221-30. IF 1.8

Conference proceedings:

- Naveen, Suneja P, Nanda S, 2015. Microsponge delivery system of Propyl Paraben for sustained preservation of creams and ointments: Optimization, characterization and antimicrobial evaluation. International Journal of Pharmaceutical Sciences and Research IJPSR Scientific Proceeding APTICON 2015 ISSN: 0975-8232 “Strategic Approaches to Strengthen Academic and Industrial Collaboration” www.ijpsr.com 296 PA-91.
- Nirupama, Suneja P, 2015. Isolation and Characterization of Endophytes for their Plant Growth Promoting Traits from Chickpea (*Cicer arietinum*) roots.144-148.Proceedings of National Seminar “Innovative Researches in Life Science” on ISBN 78-81-920945-5-7.
- Suneja P, Dang AS, 2014. Probiotics. Proceedings National Seminar “Next Generation Science: vision 2020 & Beyond “March 8,2014. Department of Zoology, M. D. University, Rohtak (Haryana).
- Dang AS, Suneja P, 2014. Gut microbiota, major health concern: A Review Proceedings National Seminar “NextGeneration Science: vision 2020 & Beyond” March 8,2014. Department of Zoology, M. D. University, Rohtak (Haryana).
- Dang AS, Preeti, Madan PS, Kumar A, 2013. Primary characterisation of staining effects of *Lawsonia inermis* extracts on plant tissues. Proceedings National Seminar “Promising trends in Science Galaxy” March 20, 2013. Department of Zoology, M. D. University, Rohtak (Haryana).
- Dahiya P, Jakhar S, Madan P. 2013. Mold Allergy: An Overview. Proceedings National Seminar “Promising trends in Science Galaxy” March 20, 2013. Department of Zoology, M. D. University, Rohtak (Haryana).

Book chapters:

1. Gaba K, Pushkarna S, Kharod S, Malhotra P, **Suneja P**, Dang AS. Exploring the Connection Between Probiotics and Chronic Diseases. Synbiotics. 2026 Feb 10; 1:169-88.
2. Pushkarna S, Gaba K, Kharod S, Malhotra P, Dang AS, **Suneja P**. Understanding the Role of Multi-Strain Probiotics in Improving Consumer Health. Synbiotics. 2026 Feb 10; 1:65-89.
3. Kharod S, Pushkarna S, Gaba K, Kumar A, **Suneja P**, Dang AS. Synbiotics in Cytotoxicity. Synbiotics. 2026 Feb 10; 1:393-427.
4. Rani S, Dahiya P, Rathi C, Ananthi K, Dang AS, **Suneja P**. Extraction of Bioactive Components from Leaf by Pulse Electric Field Extraction. InLeaves as Functional Foods 2026 Apr 1 (pp. 43-46). New York, NY: Springer US.
5. Dahiya P, Chawaria N, Rani S, Rathi C, Yadav B, **Suneja P**, Dang AS. Extraction of Bioactive Components from Leaf by Super Critical Fluid Extraction. InLeaves as Functional Foods 2026 Apr 1 (pp. 55-59). New York, NY: Springer US.
6. Rathi C, Yadav B, Rani S, Dahiya P, Chawaria N, Banu HV, Dang AS, **Suneja P**. Determination of the Antihyperglycemic Potential of Plant Leaf. InLeaves as Functional Foods 2026 Apr 1 (pp. 161-165). New York, NY: Springer US.
7. Rathi C, Dahiya P, Rani S, Savitha T, Dang AS, **Suneja P**. Production and Cost Benefits of Reishi Mushroom. InMedicinal Mushrooms: Conservation and Bioprospecting 2025 Nov 23 (pp. 103-110). New York, NY: Springer US.
8. Anshu, Rani S, Dahiya P, Rathi C, Dang AS, **Suneja P**. Production and Cost Benefits of Shiitake Mushroom. InMedicinal Mushrooms: Conservation and Bioprospecting 2025 Nov 23 (pp. 111-117). New York, NY: Springer US.
9. Rani S, Dahiya P, Rathi C, Kavita, Dang AS, **Suneja P**. Anticancer Treatment with Artist’s Conk Mushroom. InMedicinal Mushrooms: Conservation and Bioprospecting 2025 Nov 23 (pp. 203-207). New York, NY: Springer US.
10. Dahiya P, Rani S, Rathi C, Prasad S, Narayanan S, Dang AS, **Suneja P**. Overview and Sources of Aflatoxigenic Fungal Diversity in Plants. In Aflatoxigenic Fungi 2025 Sep 18 (pp. 3-10). CRC Press.

11. Kharod S, Pushkarna S, Gaba K, Kumar A, Veerapagu M, Jeya KR, **Suneja P**, Dang AS. Climate Change and Its Impact on Aflatoxigenic Fungi. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 22-28). CRC Press.
12. Rathi C, Rani S, Dahiya P, Narayanan S, Dang AS, **Suneja P**. Aflatoxins: Metabolic Interactions with Plants and Soil Biota. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 42-48). CRC Press.
13. Rani S, Dahiya P, Rathi C, Narayanan AS, Dang AS, **Suneja P**. Aflatoxins in Plant Pathogenesis. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 80-88). CRC Press.
14. Dahiya P, Rani S, Rathi C, Mohammed VB, Dang AS, **Suneja P**. Aflatoxigenic Fungi and Beverage Crops. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 125-132). CRC Press.
15. Gaba K, Pushkarna S, Kharod S, Kumar A, **Suneja P**, Dang AS. Aflatoxigenic Fungi: A Global Concern for Food Safety and Human Health. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 189-196). CRC Press.
16. Pushkarna S, Gaba K, Kharod S, Kumar A, Devi SU, **Suneja P**, Dang AS. Aflatoxigenic Fungi: Human Health Impacts and Control Methods. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 197-208). CRC Press.
17. Veerapagu M, Jeya KR, Narayanan AS, Aravindhana K, **Suneja P**, Dang AS. Aflatoxigenic Fungi: Control by Plant Bioactive Metabolites. In *Aflatoxigenic Fungi* 2025 Sep 18 (pp. 240-264). CRC Press.
18. Veerapagu M, Jeya KR, Dang AS, **Suneja P**, Rajarajan T, Sankara Narayanan A, Aravinthan K. Detection of Foodborne Gram-Positive Bacteria by Microscopic Tool. In *Gram Positive Bacterial Food Borne Pathogens* 2025 Apr 12 (pp. 85-94). New York, NY: Springer US.
19. Rani S, Dahiya P, Rathi C, Veerapagu M, Jeya KR, Dang AS, **Suneja P**. Detection of Foodborne Gram-Positive Bacterial Toxins by LC-MS/MS MRM. In *Gram Positive Bacterial Food Borne Pathogens* 2025 Apr 12 (pp. 121-125). New York, NY: Springer US.
20. Dahiya P, Rani S, Rathi C, Veerapagu M, Jeya KR, Narayanan AS, Dang AS, **Suneja P**. Detection of Foodborne Gram-Positive Bacterial Toxins by LAMP. In *Gram Positive Bacterial Food Borne Pathogens* 2025 Apr 12 (pp. 165-170). New York, NY: Springer US.
21. Veerapagu M, Jaabir MM, Aravinthan K, Jeya KR, Dang AS, **Suneja P**, Sankara Narayanan A. Detection of Foodborne Gram-Positive Bacterial Toxins by ELISA. In *Gram Positive Bacterial Food Borne Pathogens* 2025 Apr 12 (pp. 201-206). New York, NY: Springer US.
22. Dahiya P, Rani S, Rathi C, Narayanan AS, **Suneja P**, Dang AS. Collection and Processing of Bacteria from Plant Vascular Tissues. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 11-18). New York, NY: Springer US.
23. Rani S, Dahiya P, Rathi C, Narayanan AS, Dang AS, **Suneja P**. Collection and Processing of Plant Endophytes from Large Woody Plants. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 31-39). New York, NY: Springer US.
24. Dahiya P, Rani S, Rathi C, Jeya KR, Veerapagu M, **Suneja P**, Dang AS. Detection of Microalgal Community from Soil and Plant Root. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 91-97). New York, NY: Springer US.
25. Rani S, Anshu, Dahiya P, Rathi C, Dang AS, **Suneja P**, Narayanan AS. Detection of Plant-Associated Fungi by Nucleic Acid-Based Technique. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 161-165). New York, NY: Springer US.
26. Rani S, Kumar P, Dahiya P, Narayanan AS, **Suneja P**, Dang AS. Omics Tools in Plant–Microbiome Interactions. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 341-350). New York, NY: Springer US.
27. Rathi C, Rani S, Dahiya P, Narayanan AS, Dang AS, **Suneja P**. Plant Microbiome Engineering to Improve Plant Growth Promotion and Biocontrol. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 493-497). New York, NY: Springer US.
28. Pushkarna S, Kumar A, Narayanan AS, **Suneja P**, Dang AS. Plant-Microbiome Engineering to Improve Stress Tolerance. In *Plant Microbiome Engineering* 2024 Dec 12 (pp. 509-519). New York, NY: Springer US.

29. Rathi C, Rani S, Dahiya P, Mohamed VB, Dang AS, **Suneja P**. Plant Microbiome Engineering to Improve Drought Stress Tolerance. In Plant Microbiome Engineering 2024 Dec 12 (pp. 521-526). New York, NY: Springer US.
30. Pushkarna S, Bhatnager R, Kumar A, **Suneja P**, Dang AS. Role of microbiome in reproductive health: an expanding dimension. In Role of Microbes in Sustainable Development: Human Health and Diseases 2023 Dec 20 (pp. 361-394). Singapore: Springer Nature Singapore.
31. Rani S, Kumar P, Dahiya P, Dang AS, **Suneja P**. Microbial Secondary Metabolites: Targeting Tumors and Associated Challenges. In Role of Microbes in Sustainable Development: Human Health and Diseases 2023 Dec 20 (pp. 429-439). Singapore: Springer Nature Singapore.
32. Rani S, Kumar P, Dahiya P, Priya, Dang AS, **Suneja P**. Synthesis of Nanoparticles by Microbes. In Role of Microbes in Sustainable Development: Human Health and Diseases 2023 Dec 20 (pp. 629-640). Singapore: Springer Nature Singapore.
33. **Suneja P**, Kumar P, Rani S, Simran, Dang AS. Identification of fungal endophytes by ITS rDNA technique. In Endophytic microbes: isolation, identification, and bioactive potentials 2022 Nov 26 (pp. 89-95). New York, NY: Springer US.
34. Rani S, Kumar P, Deepika, Dang AS, **Suneja P**. Detection of Endophytes by Reactive Oxygen Staining. In Endophytic Microbes: Isolation, Identification, and Bioactive Potentials 2022 Nov 26 (pp. 77-81). New York, NY: Springer US.
35. Kumar P, Rani S, Sarita, Dang AS, **Suneja P**. Detection of endophytes by electron microscope. In Endophytic Microbes: Isolation, Identification, and Bioactive Potentials 2022 Nov 26 (pp. 71-76). New York, NY: Springer US.
36. Maheshwari R, Kumar P, Bhutani N, **Suneja P**. Bioprospecting Plant Growth Promoting Bacterial Endophytes from *Cicer arietinum* and *Pisum sativum* in: Trends In Technology for Agriculture, Food, Environment & Health. 2020 (pp.10122). Proceedings of International Foundation for Sustainable Development in Africa and Asia (IFSADA). Agrobios (International).
37. **Suneja P**, Duhan JS, Bhutani N, Dudeja SS. Recent biotechnological approaches to study taxonomy of legume nodule forming rhizobia. In Plant biotechnology: recent advancements and developments 2017 Jun 3 (pp. 101-124). Singapore: Springer Singapore.
38. **Madan P.S**, Jakhar S, Dahiya P. Plant as Potential Source of Antimicrobials In Promotion and Globalization of Indian herbal products 2014 (pp. 63-75). Lambert Academic Publishing, Deutschland, Germany.

Visit abroad:

- HAWK University of Applied Sciences and Arts, Goettingen, Germany, September 2 - 4, 2019 for paper presentation at International Conference on Harnessing Scientific, Technological Innovations and Entrepreneurship for Sustainable Development in Africa and Asia on “Formulation and Effectivity of Consortia of Potential Plant Growth Promoting Endophytic Bacteria from Chickpea”
- University Putra Malaysia, Serdang, Selangor, Malaysia, August 25-27, 2015 for paper presentation at the 7th International Conference on Sustainable Agriculture for Food, Energy and Industry in Regional and Global Context, ICSAFEI2015 on “Isolation and characterization of endophytes for their plant growth promoting traits from roots and nodules of leguminous plants: exploring their potential role as bioinoculants”



Lectures delivered:

- “Microbial Metabolites Advances and Challenges” in the workshopcum training organized under UGC-Stride organized by Department of Microbiology, M. D. University from 14th to 19th February, 2022.
- “Business Opportunities in Agriculture Sector” in one day National Webinar titled: Awakening the Entrepreneur Within” organized by Department of Microbiology M. D. University on 26th February, 2021.



Membership:

- Life membership of Association of Microbiologists of India
- Member, Indian Science Congress Association
- Life membership of Biotech Research Society of India

Prof. Pooja Suneja