

**Dr. HameedaBee ,M.Sc., Ph.D, Associate Professor and Chairperson, Board of Studies  
Department of Microbiology, OU**

Email: [drhami2009@gmail.com](mailto:drhami2009@gmail.com), [drhami2009@osmania.ac.in](mailto:drhami2009@osmania.ac.in)



Dr. Hameeda Bee, Associate Professor of Microbiology,

Plant Probiotics and Biosurfactant Lab, OU, Hyderabad, Telangana, India.

She has completed her M.Sc., Ph.D., Department of Microbiology,

Osmania University, Hyderabad and worked at International Crops

Research Institute for the Semi-Arid Tropics (ICRISAT) for Doctoral Research on “Studies on plant growth promoting bacteria and recycling of crop residues for sustainable agriculture”,

Doctoral Fellowship by Jawaharlal Nehru Memorial Fund. Postdoctoral research on generation of transgenic groundnut to combat aflatoxin contamination at ICRISAT, funded by DBT-GOI. Overseas Postdoctoral fellowship by NSERC Discovery Grant, Canada and worked on Biocontrol mechanisms of Pseudomonas at Dept. Of Plant Science and Microbiology, University of Manitoba, Winnipeg, Canada. Present Research is on microbial fermentation of biosurfactants with applications in agriculture and therapeutics.

Before joining University services as Assistant Professor (2007), worked as Lecturer at Mumtaz Degree College, OU (1999-2001) and worked as Visting Scientist at ICRISAT for two years (2005-2007). She is awarded Women PGPR Scientist Award for the contribution in PGPR Advancement for Sustainable Agriculture and State Award to Meritorious Teachers-2021, (Best Teacher Award for the distinguished service as Teacher). Also received IWSA’s NanikGurnani Award, 2019; Asian PGPR Research Appreciation Award, 2018;Distinguished Scientist Award by Genesis Urban and Rural Development (GUARD), Society for research work benefiting farmer community, 2016;Associate Fellow by Telangana Academy of Science, Year 2016. In the year 2006, she has the ICAR-Best thesis Award, Jawaharlal Nehru Award for Post-Graduate Research in the field of Crop Protection (GoldMedal and cash prize), Young Scientist Award by Association of Microbiologists of India (AMI). She completed eight research projects from different funding agencies (DBT, DST-SERB, DST-PURSE, UGC, UPE-FAR) including the BIRAC-BIG Grant for taking up the PoC to the industrial level, with academia-industry collaboration, filed one patent (Patent registered: 201941033422 Funded by BIRAC BIG). Six students were awarded PhD under her supervision. Total research publications 50 (38 Research articles, 10 Book chapters, 2 Conference papers). Contributed as Guest Associate Editor for Frontiers in Microbiology (MicroBiotechnology) “Microbial surfactants: From Sustainability to Circular Bioeconomy”. Editor ofText book Microbial Surfactants Volume1: Production and Applications. Total no. of conference papers presented: 68 and Organized seminars and conferences:3. Research citation : No. of citations: 1377; H index: 13 and i10 index: 19. Active Life member of prestigious and Scientific Societies like AMI, Asian PGPR, GUARD Soceity, ISC, IWSA, IPS, MSI, BRSI. She is also joint director of ‘Centre for Microbial and Fermentation Technology’ (CMFT) under MHRD RUSA-2.0.