



School of Interdisciplinary Education and Research  
Department of Biotechnology  
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## D. K. Parihar

### Qualifications

- **PhD – Biotechnology**, Allahabad Agricultural Institute-Deemed University, Allahabad, 2006. Thesis on 'Studies on extracellular lipases from microorganisms and their Biotechnological potential'.
- **Master of Science – Biotechnology**, Guru Ghasidas University Allahabad, Bilaspur, Chhattisgarh, 2000. Thesis on 'Study of phosphate solubilizing activity of endophytic bacteria isolate from sugarcane plant'.
- **Bachelor of Science**, Guru Ghasidas University Allahabad, Bilaspur, Chhattisgarh, 1998

### Field Of Specialization

- Solid state fermentation, Microbial enzyme technology, Microbial metabolite production

### Work Experience

- **Assistant Professor**, Allahabad Agricultural Institute Deemed University, Allahabad, June 2001 – May 2007.
- **Assistant Professor**, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, May 2007 – Present

### Best Peer Reviewed Publication (Recent 10)

- Pandey S, Sao S and Parihar D.K. (2022) Fungal Diversity of Forest Soil Influences Dead Wood decomposition and Health of Forest Ecosystem, *IJBPAS*, 11(4): 2106-2116. <https://doi.org/10.31032/IJBPAS/2022/11.4.6738>
- Pandey S, Sao S and Parihar D.K. (2022), Dead Wood inhabiting Fungal Diversity in Forest ecosystem associated with Wood Decay and Forest Health, *IJBPAS*, 11(3): 1525-1537. <https://doi.org/10.31032/IJBPAS/2022/11.3.6585>
- Aharwar, A., Parihar, D.K. (2021) Talaromyces verruculosus tannase immobilization, characterization, and application in tea infusion treatment. *Biomass Conv. Bioref.* <https://doi.org/10.1007/s13399-020-01162-6>
- Amitabh Aharwar and Dharmendra Kumar Parihar (2021) Isolation, Screening and identification of potential Tannase producing Bacterial strain. *J. Exp. Zool. India*, 24 (1) 609-615. DOI: [10.13140/RG.2.2.34120.65285](https://doi.org/10.13140/RG.2.2.34120.65285)
- Akanksha Jain, D.K. Parihar (2019) Molecular marker based genetic diversity study of wild, cultivated and endangered species of Curcuma from Chhattisgarh region for in situ conservation. *Biocatalysis and Agricultural Biotechnology* 18: 101033. <https://doi.org/10.1016/j.bcab.2019.101033>
- Amitabh Aharwar, Dharmendra Kumar Parihar, (2019) Talaromycesverruculosus tannase production, characterization and application in fruit juices detannification. *Biocatalysis and Agricultural Biotechnology*, 18: 101014. <https://doi.org/10.1007/s13399-020-01162-6>
- Akanksha Jain, Parag Jain & Dharmendra Kumar Parihar (2019) Comparative Study of In-vitro Antidiabetic and Antibacterial Activity of Non-conventionalCurcuma Species, *Journal of Biologically Active Products from Nature*, 9(6): 457-464. <https://doi.org/10.1080/22311866.2019.1710253>
- Amitabh Aharwar, Dharmendra Kumar Parihar (2018) Tannases: Production, properties, applications *Biocatalysis and Agricultural Biotechnology*, 15: 322-334. <https://doi.org/10.1016/j.bcab.2018.07.005>

- Akanksha Jain, D.K. Parihar (**2018**) Antibacterial, biofilm dispersal and antibiofilm potential of alkaloids and flavonoids of Curcuma Biocatalysis and Agricultural Biotechnology, 16: 677–682. <https://doi.org/10.1016/j.bcab.2018.09.023>
- Akanksha Jain and Parihar DK (**2018**) Nutritional Evaluation of Curcuma Species Collected from Different Agro Climatic Regions of Chhattisgarh. American Journal of Ethnomedicine, 5. DOI: [10.21767/2348-9502.100020](https://doi.org/10.21767/2348-9502.100020)

### **Research Supervision:**

- Ph.D. Supervised: 02
- Ph.D. Students Registrar: 03
- PG. Research Supervised: 40

### **Administrative Responsibilities**

- Assistant Superintendent, UTD Examination
- Assistant Superintendent, VET/VRET Examination
- Member Discipline Committee,
- Member, Departmental purchase committee
- Presiding officer for state legislative elections
- Polling Officer, Student Council Election
- Member of scrutiny committee for faculty recruitments in university (Economics, Rural technology, Law, Physical Education)
- Member of UTD anti-ragging committee
- Member of students admission committee, UG, PG and Biotechnology (Zoology, Botany, Anthropology and biotechnology)
- Member of stock verification committee.
- Member of Board of Studies, Dept of Biotechnology

### **Additional Information**

- Presented 20 scientific papers in conferences/seminar
- Delivered 05 invited talks in workshops/seminars
- Participated in 05 faculty development programs
- Available in scientific social media platforms searchable through the following link  
<https://www.researchgate.net/profile/Dharmendra-Parihar>,  
<https://scholar.google.com/citations?user=SfF6J-EAAAAJ&hl=en>