



**MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES, FARIDABAD**

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad, Haryana  
121004

**Ms Pankhuri Sharma**

**Designation:** Research Assistant and IPR Manager

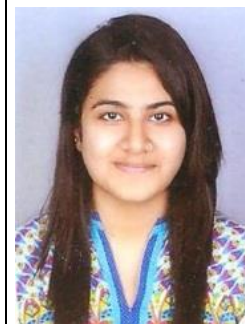
- B.Sc. Biological Science (H) (Sri Venkateswara College, University of Delhi).

**Qualifications:**

- M.Sc. Biotechnology (Manav Rachna International University).
- Pursuing PhD (Manav Rachna International Institute of Research and Studies).

**Email ID** [pankhuri.fet@mriu.edu.in](mailto:pankhuri.fet@mriu.edu.in)

**Experience:** 5 Years



**Google Scholar Profile:**

<https://scholar.google.com/citations?user=1Cx1T0Gk8RAC&hl=en>

**Research Interest :** Neuro-informatics, Cell Molecular Biology, Genetics, Microbiology

**Work Experience:**

1. Senior Research Fellow, Division of Microbiology (CCUBGA), Indian Agricultural Research Institute (January, 2015 – February, 2016)
2. Research Fellow, Department of Plant Molecular Biology, University of Delhi (May, 2016 – June, 2019)
3. Research Assistant, Molecular Biosciences Research Cluster, Department of Biotechnology, Manav Rachna International Institute of Research and Studies (December, 2019 – December, 2020)
4. Research Assistant, Dean Research Office, Department of Biotechnology, Manav Rachna International Institute of Research and Studies (March, 2021 – Ongoing)
5. IPR manager, Manav Rachna International Institute of Research and Studies (May, 2021 – Ongoing)

**Journal Publication Details:**

- Amarjeet Singh, Akhilesh K Yadav, Kanwaljeet Kaur, Sibaji K Sanyal, Saroj K Jha, Joel L Fernandes, Pankhuri Sharma, Indu Tokas, Amita Pandey, Sheng Luan, Girdhar K Pandey, *A protein phosphatase 2C, AP2C1, interacts with and negatively regulates the function of CIPK9 under potassium-deficient conditions in Arabidopsis*, Journal of Experimental Botany, Volume 69, Issue 16, 20 July 2018, Pages 4003–4015.  
<https://doi.org/10.1093/jxb/ery182>
- Arora, Anju, Shweta Priya, Pankhuri Sharma, Shalley Sharma, and Lata Nain. "Evaluating biological pre-treatment as a feasible methodology for ethanol production from paddy straw." Bio-catalysis and Agricultural Biotechnology 8 (2016): 66-72.  
<https://doi.org/10.1016/j.bcab.2016.08.006>
- Shalley Sharma, Anju Arora, Pankhuri Sharma, Surender Singh, Lata Nain and Debarati Paul. "Notable mixed substrate fermentation by native Kodamaea ohmeri strains isolated from Lagenaria siceraria flowers and ethanol production on paddy straw hydrolysates." Chemistry Central Journal (2018) 12:8  
<https://doi.org/10.1186/s13065-018-0375-8>

**Research Supervised (M.Sc.):**

- Ms. Divya Sharma, titled, “Applications of photocatalytic nanomaterials for remediation of organic contaminants in water.”  
Status: Completed

**Administrative Responsibilities:**

- Event Coordinator for Department of Biotechnology, MRIIRS (2019-2020)
- Purchase Coordinator for Department of Biotechnology, MRIIRS (2019-2020)
- Current IPR Manager for Manav Rachna International Institute of Research and Studies (2021 onwards).