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1. **Name of Faculty:** **Dr. Atul Kumar Pachauri**
2. **Designation:** **Assistant Professor**
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4. **Contact No:** 9406087078
5. **Educational Qualification:** Ph.D Genetics and Plant Breeding ,Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
6. **Total Experience:** 10 years
7. **Academic:** 5 Years (Teaching and Research)
8. **Areas of Interest:** Genetics, Plant breeding, Seed production, Sustainable Agriculture, Biodiversity conservation, Develop new plant varieties, Student focus based study personalized learning and inquiry based learning.
9. **Brief Profile:** I have ten years' experience research extension and teaching in Indira Gandh Krishi Vishwavidyalaya Raipur of agriculture field with the works in International and National Research Project, related to the crops Chickpea(gram) Rice and biodiversity conservation of crops. Research based on abiotic study, I have works as a team member of varieties develop committee. Apart from this published more than thirty research papers in National and International Journals reputed Journals with high NAAS rated. Popular article and Technical bulletin more than forty is published. Paper presentation more than twelve in International and National Conferences.
10. **Research publications in International /National Journals**
 1. Gupta, P., Pachauri, Atul, Gauraha, D.,Yadav, Jitendra.C., Sao, A. (2024) Heterotic analysis in drought tolerant rice accessions, *J. Adv. Biol. Bitechmol.* Vol 27, No.03, pp. 34-46.

2. Pachauri, A. K., Gauraha, D., Sahu, Sant R., Pujari,P., Saran, D. (2023) Molecular diversity and population structure analysis in rice genotype using SSR markers, *Env. and Eco.*41 (3C) : 1883—1890,
3. Pachauri, A.K., Gauraha, D. Sarawgi, A.K.,Sahu, S. and Pujari, P.(2022) Screening of rice germplasm for tolerance to drought stress using morphological and physiological parameters *Annuals of Pl. And Soil Res.* ISSN 972-1959
4. Sarawgi, A.K., Pachauri, A.K., Devi S.Vimla and Singh Rakesh (2021) Identification of unique type of decorticated grain colour in rice and nominated as “Potato green colour” *Indian Journal of Plant Genetic Resources*, ISSN 0971-8184 *Indian J. Plant Genet. Resour.* 34(1): 79–81
5. Pachauri, A.K., Sarawgi, A.K., Bhandarkar, S.and Nair, S.(2020) Characterization and variability analysis of rice germplasm accessions for morphological traits, *Journal of Pharmacognosy and Phytochemistry* 9(5): 1407-1413
6. Pachauri, A.K., Sarawgi, A.K., Gauraha, D. and Sahu, S.(2020) Evaluation of core rice germplasm accessions for resistance to brown planthopper (*Nilaparvata lugens* Stal) at seedling stage, *Journal of Entomology and Zoology Studies*; 8(5): 2400-2405
7. Pachauri, A.K., Sarawgi, A.K., Bhandarkar, S.and Nair, S.(2020) Characterization and variability analysis of rice germplasm accessions for morphological traits, *Journal of Pharmacognosy and Phytochemistry* 9(5): 1407-1413
8. Pachauri, A.K., Sarawgi, A.K., Gauraha, D. and Sahu, S.(2020) Evaluation of core rice germplasm accessions for resistance to brown planthopper (*Nilaparvata lugens* Stal) at seedling stage, *Journal of Entomology and Zoology Studies*; 8(5): 2400-2405
9. Pachauri, A.K.,Bhandarkar, S, Sharma D, Rana D.K. and Sarawgi A.K.,(2017) Screening of Rice Germplasm Accession for Resistance to the Brown Planthopper, *Nilaparvata lugens* (STAL) *Indian Journal of Ecology* 44 (Special Issue-5): 412-415
10. Pachauri, A.K., Sarawgi, A. K, Bhandarkar Sandeep and Ojha G. C. (2017)Genetic variability and association study for yield contributing traits of promising core rice germplasm accessions (*Oryza sativa* L.) *Res. on Crops* 18 (1) : 133-138
11. Pachauri, A.K., Sarawgi, A.K, Bhandarkar S and Ojha G. C (2017) Agro-morphological characterization and morphological based genetic diversity analysis of

Rice (*Oryza sativa* L.) germplasm , *Journal of Pharmacognosy and Phytochemistry*
6(6): 75-80

12. Pachauri, A.K., Rana, D.K., Bhandarkar S. and Sarawgi, A. K (2017) Inheritance of brown planthopper (*Nilaparvata lugens* Stal) resistance to preeminent donors of rice (*Oryza sativa* L.). *Bull. Env. Pharmacol. and Life Sci.* Vol (6) Special issue(4):102-104

4. Papers presented in International/National Conferences:	23
5. International/National Conference & Workshops Attended:	28
6. Awards/Recognitions:	4
7. Workshops/Seminars/Conference Organized:	3