

Dr Pawanika Chandola
Guest Faculty Dept. Of Botany
Govt. PG College, jaiharikhal
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EDUCATIONAL DETAILS:

1. PhD (plant physiology)
Year of completion:2012
Institution: G B Pant University of Agriculture and Technology,Pantnagar
,Ph.D. THESIS TITLE:
“Physiological aspects of weed management and crop growth in rice under long term herbicide trial in rice-wheat cropping system”.
2. M. Sc. (Botany)
Year of completion: 2006
Institution: Hemwati Nandan Bhuguna Garjwal University,Srinagar
3. B.Sc. (Zoology,Botany, Chemistry)
Year of completion: 2004
Institution: Hemwati Nandan Bhuguna Garjwal University,Srinagar

WORK EXPERIENCE:

1. Working as a Guest Faculty in Deptt of Boatany, Govt PG College Jaiharikhal (From 17 Dec 2015-till date)
2. Worked as an Asst. Prof. in Beehive College of Advanced Studies Deheadun (From 27 Aug 2012 to 24 Sept 2013.)
3. Worked as a senior research fellow under NFBSFARA,ICAR I'm GBPant University Of Agriculture and Technology Pantnagar (From 4 Oct 2013- 15 Dec,2015.)

AWARDS/FELLOWSHIP:

1. Recipient of University fellowship during PhD
2. Recipient of **Young Scientist Award, 2013** in 8thUttarakhand State Science and Technology Congress-2013. Hosted by Uttarakhand State Council for Science,, and Technology.

PUBLICATIONS:

1. **Candela, P.**, and Singh, H. 2012 Free Air Carbon Dioxide Enrichment (FACE) Technology in Plant Response Studies under Elevated CO₂ Circumstances. Climate change biodiversity and carbon sequestration. 171-180. (Published as book Chapter).
2. Singh, H., Verma, A., Joshi, B., **Chandola, P.** and Shukla, A. 2010. Physiological characterizations of Nitrogen Use Efficiency in different genotypes of rice (*Oryza sativa* L.) to reducing environmental pollution. (Published as book Chapter).

3. **Chandola, P.**, Dhyani, K., Bhandari, K. and Guru, S.K. 2012 Effect of preemergence herbicides and hand weeding on the weed dry weight and grain yield of transplanted rice. *Journal of sustainable environmental research* 1 (2) 121-123.
 - 2 **Chandola, P.**, Singh, H. and Guru, S. K. 2011 Effect of weed management practices on yield and crop dry weight of transplanted rice. *The UHRI Journal of geographical and environmental studies*. 1(1):75-80.
 - 3 Singh, H., Verma, A., Joshi, B., **Chandola, P.** and Shukla, A. 2010. Physiological characterizations of Nitrogen Use Efficiency in different genotypes of rice (*Oryza sativa* L.) to reducing environmental pollution. In: *Proceeding of International Conference on "COOLING THE EARTH": Tactics for Restoring Climate Order and Saving the Living Planet*, November 15-17, 2010, G.B. Pant University of Agriculture and Technology, Pantnagar Uttarakhand.
 - 4 **Chandola P.**, Guru S. K., Dhyani K. and Singh H. 2010. Free Air Carbon Dioxide Enrichment (FACE) Technology in Plant Response Studies. . In: *International Conference on "COOLING THE EARTH": Tactics for Restoring Climate Order and Saving the Living Planet*, November 15-17, 2010, G.B. Pant University of Agriculture and Technology, Pantnagar Uttarakhand.
 - 5 **Chandola, P.**, Bhandari, K. and Guru, S.K. 2015 Effect of pre-emergence herbicides on weed growth and physiological traits of transplanted rice
Effect of pre-emergence herbicides on weed growth and physiological traits of transplanted rice. *Indian Journal of Weed Science* 47(4): 345–348,
- Singh K., **Chandola P***, Tarannum A. and Kumar N. 2012 Antifungal activity of *Azadirachta indica* leaf extract against phytopathogenic fungi (*Rhizoctonia solani*) Indian journal of plant protection. of *Azadirachta indica* leaf extract against phytopathogenic fungi (*Rhizoctonia solamii*) *Trends in Biosciences* 8(17) 4483-4486, 201
- 6 Abstract published in proceedings of 6th Uttarakhand State Science and Technology Congress-2011. Hosted by Uttarakhand State Council for Science and Technology.
 - 7 Abstract published in proceedings of 8th Uttarakhand State Science and Technology Congress-2013. Hosted by Uttarakhand State Council for Science and Technology.

TRAININGS / WORKSHOP ATTENDED

1. International Workshop on rhizosphere biology of agriculture, horticulture and forestry: Present and future, G.B. Pant University of Agriculture and Technology, Pantnagar on 25-27 Feb.,2010.
2. Awareness - cum - training programme on PPV and FR Act,2001 Jointly organized by Department of Genetics and plant breeding, G.B. Pant University of Agriculture and Technology, Pantnagar on 05 March,2011.

CONFERENCE/SYMPOSIUM/SEMINARS ATTENDED AND PAPER PRESENTED

1. National Conference on “*Challenges in Life Sciences with Changing environment and Prof. H.S. Srivastva Memorial Lecture Series*” jointly organized by Sacred Heart Degree College, Sitapur and Prof.H.S. Srivastva Foundation for Science & Society, Lucknow, on 20-21 February, 2010.
2. National Conference of Plant Physiology on “**Physiological and molecular approaches for crop improvement under changing environment**” jointly organized by Department of Plant Physiology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi and Indian Society of Plant Physiology, New Delhi on Nov 25-27, 2010.
3. International Conference on “**COOLING THE EARTH**”: *Tactics for Restoring Climate Order and Saving the Living Planet*, November 15-17, 2010, G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.
4. Poster entitled “Assessment of crop yield and weed growth under the application of pre-emergence herbicides in rice presented in 8th Uttarakhand State Science and Technology Congress-2013. Hosted by Uttarakhand State Council for Science and Technology.
5. 6th Uttarakhand State Science and Technology Congress-2011. Hosted by Uttarakhand State Council for Science and Technology.

OTHERS:

1. Technical reports and chapters in lecture proceedings are also published (2013-15)

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2. Worked as a teaching person (outsourcing) in green skill development programs under ministry of environment, forestry and climate change in June 2017 and November 2017