

Prachi Singh
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ACADEMIC QUALIFICATION

2012- 2018	IIT Delhi, Hauz Khas, New Delhi PhD Thesis on “ Biorational Approach for <i>R. dominica</i> control in Storage System for <i>T. aestivum</i>”	CGPA 9.1
2014	Qualified ASRB NET (Agricultural Biotechnology)	74%
2009-2011	VIT University, Vellore, T.N M.Tech (Biotechnology)	CGPA 8.9
2004-2008	Sardar Vallabh Bhai Patel University of Agriculture and Technology, Meerut, U.P. B.Tech (Biotechnology)	CGPA 8.6 BRONZE MEDALIST

INTERNATIONAL JOURNAL PUBLICATION

- Prachi Singh, Santosh Satya, S.N.Naik and Manu Dalela, “Development of nanoemulsions from combination of essential oils as natural insecticides against *Rhyzopertha dominica* F.” Green Farming Vol. 8 (5): 1193-1196.
- Prachi Singh, Santosh Satya and S.N.Naik “Development of a novel integrated bioformulation and its efficacy against *Rhyzopertha dominica* in stored wheat (*Triticum aestivum*)” International Journal of Pest Management [Under review]

INTERNATIONAL CONFERENCE PARTICIPATION [SELECTED]

- Prachi Singh, Isabel Martinez-Sañudo, Luca Sella, Luca Mazzon, Patrisia Dall'Ara, Andrea Battisti, S.N. Naik, Nicola Mori, “*Mentha piperita* essential oil on *Sitophilus zeamais* adults: acute toxicity and effects on associated microbiome” in XIX International Plant Protection Congress 2019, **Hyderabad, India** (November 10-14, 2019).
- Prachi Singh, Patrizia Dall'Ara, Isabel Martinez-Sañudo, Sella Luca and Nicola Mori, “Efficacy evaluation of *Mentha piperita* essential oil against *Rhizopertha dominica* and *Sitophilus zeamais* adults” 12th Conference of the IOBC/wprs Working Group "Integrated Protection of Stored Products" 2019, **Pisa, Italy** (September 3-6, 2019).
- Prachi Singh, Santosh Satya and S.N.Naik, “Essential Oil based Nanoformulation for Pest Control in Grain Storage System - A Step towards Food Safety” in International Conference on Food Chemistry and Technology 2016, **Las Vegas, USA** (November 14-16, 2016).
- Prachi Singh, Santosh Satya and S.N.Naik, “Eco-friendly Pesticides for Grain Storage System for Food Safety” in India International Science Festival, IIT Delhi, India (December 4-8, 2015).[**Awarded SECOND PRIZE**]
- Prachi Singh, Santosh Satya and S.N. Naik “Effect of Insect- Infestation on Quality Parameters of Wheat” in International Conference on Food and Agricultural Sciences (ICFAS 2013), **Melaka, Malaysia** (October 5-6, 2013).
- Participated in National Conference on Biotechnology for Human Development, VIT University, Vellore, Tamil Nadu, India (November 27-28, 2009).

CO-CURRICULAR ACTIVITIES

- Won **SECOND** prize in **Elocution** competition at 7th All India Interstate Agriculture University Youth Festival 2006, organized by Orissa University of Agriculture and Technology, Bhubaneswar.
- Won **FOURTH** prize in **Debate** competition at 7th All India Interstate Agriculture University Youth Festival 2006, organized by Orissa University of Agriculture and Technology, Bhubaneswar.
- Won **FIRST** prize in **Debate** competition at 8th All India Interstate Agriculture University Youth Festival 2007, organized by Indira Gandhi Krishi Vishwavidyalaya, Raipur.
- Won **SECOND** prize in **Debate** competition at Platinum Jubilee Inter Agricultural University Cultural Festival 2008, organized by Banaras Hindu University.
- Won **FIRST** prize in **Elocution** competition at Platinum Jubilee Inter Agricultural University Cultural Festival 2008, organized by Banaras Hindu University.