

## Academic Profile of AJAY KUMAR PANDAV



Name : AJAY KUMAR PANDAV

DOB : 01/03/1990

Contact : 8950089220

E-mail : ajay.pandav49@gmail.com

Field of specialization: **Vegetable Science**

Educational Qualifications	Degree	University/Institute	Marks obtained (%)
	B.Sc. (Hort.)	UHS, Bagalkot	81.30
	M.Sc. (Agri-Hort.)	CCS HAU, Hisar	77.40
	Ph.D. (Hort.)	IARI, New Delhi	

Research Projects:	
M.Sc. (2013-2015)	<b>Effect of micronutrients on seed production of eggplant cv. HLB 12</b>
Ph.D. (2015 to till date)	<b>Genetic analysis of male sterility mediated double cross hybrid for bulb yield , quality and resistance to purple blotch disease in onion</b>

### Achievements

- Qualified **ICAR-AIEEA-UG, National Talent Scholarship (NTS)**
- Qualified **ICAR-AIEEA-PG and AICE-SRF (PGS)**
- Selected for Ph.D. in IARI, New Delhi
- Cleared National Eligibility Test (**NET**) conducted by **ASRB (ICAR)**, New Delhi, recognized by UGC/CSIR
- Awarded **National Fellowship** for Higher education (**NFHE**) to pursue Ph.D. Degree in 2015-16 by Ministry of Social Justice & Empowerment, Govt. of India, New Delhi

### Research papers published in Journals:

- ❖ Manoj Kumar Nalla, **Ajay Kumar Pandav**, Tarique Aslam and M.K. Rana, 2016. Studies on Variability, Heritability and Genetic Advance in Tomato (*Solanum Lycopersicon* L.) *Advances in Life Sciences*, 5(4): 1536-1539.
- ❖ Manoj Kumar Nalla and **Ajay Kumar Pandav**, 2016. Effect of Growth Regulators on Micro Propagation of Potato (*Solanum tuberosum* L.), *Advances in Life Sciences*, 5(4):1447-1449.
- ❖ Manoj Kumar Nalla, M.K. Rana, **Ajay Kumar Pandav**, Tarique Aslam, Gangadhara Rao and Mahesh Badiger, 2015. Correlation and path coefficient analysis for yield and yield contributing traits in tomato (*Solanum lycopersicum* L.) genotypes, *Progressive Research – An International Journal*, 10 (Special-V): 2854-2857.
- ❖ Tarique Aslam, Manoj Kumar. Nalla, Priyadarshani P. Mahopatra, Bhagwath Singh and **A.K. Pandav**, 2016. Character association and path coefficient analysis in garlic (*Allium sativum* L.) (Accepted for *Advances In Life Sciences Journal*)
- ❖ **AK Pandav**, Manoj Kumar Nalla, MK Rana, Tarique Aslam and JC Bommesh, 2016. Effect of foliar application of micronutrients on growth and yield parameters in eggplant cv. HLB 12 (Accepted for *Advances In Life Sciences Journal*)

### Review paper(s) published in Journals:

- ❖ Nalla Manoj Kumar, **Ajay Kumar Pandav** and Mohammad Amin Bhat, 2016. Growth and Yield of Solanaceous Vegetables in Response to Application of Micronutrients: A Review, *International Journal of Innovative Science, Engineering & Technology*, 2 (3): 611-626.

### Contribution in book chapters (Accepted):

- ❖ CHENOPODIUM (M.K. Rana and **A.K. Pandav**)
- ❖ BAY LEAF (M.K. Rana and **A.K. Pandav**)
- ❖ CHEKKURMANIS (M.K. Rana and **A.K. Pandav**)

### Popular article:

- ❖ MK Rana, **Ajay Kumar Pandav** and Tarique Aslam, 2014. *Lahsun Ki Unnat Kheti*, *Haryana Kheti*, 9:21 (September 2014)

### Abstracts published in Conferences/Symposia/ Seminars/Workshops:

- ❖ Tarique Aslam, O.J. Sujayasree, Pranay Kumar and Ajay Kumar Pandav, 2016. Biology of Thrips *Scirtothrips dorsalis* Hood on chilli in **National Seminar on “Chilli and Turmeric: Challenges and Opportunities” (January 8<sup>th</sup> -9<sup>th</sup>, 2016)**
- ❖ **Ajay Kumar Pandav**, MK Rana, Manoj Kumar Nalla and Tarique Aslam. Effect of micronutrients on seed vigour index and electrical conductivity ( $\mu\text{S cm}^{-1}$ ) of eggplant cv. HLB 12 in **National Seminar on “Agriculture Resource Management for Sustainability and Eco-Restoration” (March 11-13, 2016)**
- ❖ Manoj Kumar Nalla, M.K. Rana, **Ajay Kumar Pandav** and Tarique Aslam, 2016. Studies on variability, heritability and genetic advance in tomato (*Solanum lycopersicon* L.) in **National Seminar on “Agriculture Resource Management for Sustainability and Eco-Restoration” (March 11-13, 2016)**
- ❖ Shaili Kumari, Manish Kumar, **Ajay Kumar Pandav** and Bhanu Murthy, 2016. Association mapping in fruit breeding in **National Conference on “Fruit Breeding in Tropics and Subtropics - An Indian Perspective” on 27-29 April 2016 at IIHR-Bengaluru.**

### Participation in Conferences/Symposia/ Seminars/Workshops:

- ❖ National Conference on "Fruit Breeding in Tropics and Subtropics - An Indian Perspective" on 27-29 April 2016 at IIHR- Bengaluru.
- ❖ 3<sup>rd</sup> International Symposium on “Phytophthora: Taxonomy, Genomics, Pathogenicity, Resistance and Disease Management” during 9-12, September 2015 at IIHR- Bengaluru, India
- ❖ National Seminar on “Chilli and Turmeric: Challenges and Opportunities” (January 8<sup>th</sup> - 9<sup>th</sup>, 2016)
- ❖ National Seminar on “Agriculture Resource Management for Sustainability and Eco-Restoration” (March 11-13, 2016)

### Training programs attended:

- ❖ Quality seed production of vegetable and spice crops (from 13.11.2013 to 23.11.2013)
- ❖ Scientific Beekeeping and Integrated Pest Management in Crops (from 13- 29.01.2014)
- ❖ Post-Harvest Handling of Horticultural Produce (from 20.01.2015 to 30.01.2015)