

Dr. AMITAVA PAUL

Associate Professor, Genetics and Plant Breeding



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Qualification : Ph.D. (GBPUA & T, 1998)

Specialization : Breeding of Pulses and Oilseeds, Stress Breeding, Vegetable (tomato and okra) Mutation Breeding, Molecular Biology and Genetic Engineering

Research Areas : Stress Breeding, Pulses, Oilseeds and Vegetable improvement

Awards and Honours :

- Served as Head of the Department (from May'2011-May-2014)
- Senior Research Fellow (U.P.Council of Agril. Research) during Ph.D
- Qualified National Eligibility Test (ICAR,1995)
- Served as Assistant Botanist at Pulses and Oilseeds Research Station, Berhampore, Murshidabad under West Bengal Agriculture Service (Research), Deptt. of Agriculture, Govt. of West Bengal.

REPRESENTATIVE PUBLICATIONS:

1. **Paul, Amitava** and Singh, D.P.2002. Induced chlorophyll mutations in lentil. *Indian Journal of Genetics and Plant Breeding*. 62(3): 263-264.

2. **Paul, Amitava** and Singh, D.P. 2005. Frequency, spectrum and segregation pattern of chlorophyll and macromutations in fieldpea (*Pisum sativum*). *Legume Research*, 28(2): 94-98.
3. **Paul, Amitava** and Singh, D.P. 2006. Induced resistance to rust disease in lentil. *Nuclear Agriculture and Biology*, 35(2): 76-81.
4. **Paul, Amitava** and Singh, D.P. 2007. Gamma-rays induced variability for polygenic traits in lentil. *Journal of Food Legumes*, 20(2): 150-152.
5. **Paul, Amitava** and Singh, D.P. 2007. Gamma-rays induced variability for polygenic traits in Fieldpea. *Journal of the Botanical Society of Bengal*. 61(2): 119- 124.
6. Manna, Madhurina and **Paul, Amitava**. 2008. Genetic variability and heritability studies for yield and yield component traits in tomato. *Journal of Asian Horticulture*. 4(3): 18-21
7. Nanita, Heisnam; **Paul, Amitava** and Laishram, J.M. **2011**. Molecular mapping of genes for resistance against rice gall midge(Manipur biotype) using RAPD marker. *NeBIO*, 2(2): 16-18.
8. Chattopadhyay, Aditi and **Paul, Amitava**. **2012**. Studies on heterosis in tomato(*Solanum lycopersicon*). *Int. Jr. Bio-resource & Stress Management*, 3(3):278-283.
9. **Paul, A.** and Mondal, P. **2012**. Effect on gamma radiation on mutagen sensitivity and mutability in field pea (*Pisum sativum* L.). *Jr. Crop and Weed*, 8(2): 132-136.
10. Nanita, Heisnam; **Paul, Amitava** and Laishram, J.M. **2013**. Reaction of rice germplasm to gall midge biotype occurring in Manipur. *NeBIO*, 4(2).

Number of Ph.D students guided: 5