

## Profile of Dr. Ajay

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### **Publications**

1. Irshad ul Hassan Lone, Ajay Kumar, Fatima Khan, Shriparna Saxena, and Arshed Iqbal Dar. (2012). Evaluating the effect of landfill leachate on groundwater quality in relation to physicochemical and bacteriological characteristics. *Journal of Chemical and Pharmaceutical Research*, 2012, 4(12):5202-5214.
2. Javed Ahmad Lone and Ajay (2010). Linear Alkyl Benzene Sulphonate Behavior in Vertisols in Relation to Detergent Pollution. *Asian J Exp Sci*. 24:27-31.
3. Ajay, V.S. Rathore and U.C. Dubey (2006). Sucrose turnover by growing tomato callus under different zinc level. *Annals of Plant Physiology*. *Ann Plant Physiol*. 21(1): 4-11
4. Ajay, P. Ramesh, K. Sammi Reddy, S. Ramana and B. Maji. (2005). Effect of nitrogen and farm yard manure on physiological parameters in aswagandha (*Withania somnifera*) under vertisol soil type. *Ind. J. Plant Physiol*. 10 (389-393).
5. Ajay, Singh, A.B., Ramana, S. and Adhikari, T. (2003). Physiological and Biochemical changes in Fruit Development of Lady Finger and Cluster Bean as Influenced by Sewage Water Irrigation. *Ind. J. Pl. Physiol. (Spl. Iss.)*. 495-499.
6. Ajay and Geetha, K. (2002). Male sterility in *Plantago ovata* affected by ecological factors. *J. Med. & Arom. Plant*. 24:966-968.
7. Ajay and Mishra, B.K. (2001). Effects of phytohormones on seed shattering in isabgol *Plantago ovata*. *J. Med. & Arom. Plant*. 23:658-659.
8. Ajay and Y.C. Joshi (1997) Probable new maturity index in peanut. *Ann. Plant Physiol*. 11: 155-159.
9. Ajay and Subrahmanyam, D. (1996). Heavy metals induce changes in chlorophyll pattern in Tomato and *Chlorella pyrenoidosa*. *Ann. Plant. Physiol*. 10:17-22.

- 10.** Ajay and Rathore, V.S. (1995). Effect of Zn<sup>2+</sup> stress in rice (*Oryza sativa* cv. Manhar) on growth and photosynthetic processes. *Photosynthetica*. 31: 571-584.