

Name : **Dr. Goutam Kumar Pandit**

Designation : Associate Professor

Department : Biochemistry

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Educational qualification : M. Sc. (Ag.), Ph. D.

Professional experience:  
(Post held with period)

Lecturer (Assistant Professor): From February, 1997

Reader (Associate Professor): From March, 2003

Area of specialization : Chemistry of pesticides and Biochemistry of plants

Area of interest:

- ◆ Degradation and metabolism study of pesticides
- ◆ Residue analysis of pesticides
- ◆ Effect of pesticides on biochemical functions of plants
- ◆ Natural products chemistry

#### List of publications:

##### Journal Papers:

1. **Pandit, G.K.** and Chowdhury, A. Studies on the residue and persistence of pendimethalin (Stomp 30 EC) in/on groundnut. *Pestology*, 1994, XVIII (4): 19-22.
2. **Pandit, G.K.**, Pal, S. and Das, A.K. Photocatalytic degradation of pendimethalin in the presence of Titanium dioxide. 1. *Journal of Agricultural and Food Chemistry*, 1995, 43 (1): 171-174.
3. **Pandit, G.K.**, Bhattacharya, A. Bose, A.K., Bandyopadhyay, D., Das, A.K. and Adityachaudhury, N. Persistence of  $\alpha$ -cypermethrin in cabbage and monocrotophos in three soils of West Bengal. *Pesticide Research Journal*, 1996, 8 (2): 132-138.
4. **Pandit, G.K.**, Bhattacharya, P.M., Chaudhuri, S., Pal, S. and Das, A.K. Phytotoxicity of photoproducts of pendimethalin to rice seedlings. *Pesticide Research Journal*, 2000, 12 (2): 242-244.
5. **Pandit, G.K.**, Bhattacharya, A. and Das, A.K. Persistence and dissipation of dazomet in soil and tomato (*Lycopersicon esculentum* Mill) seedlings. *Toxicological and Environmental Chemistry*, 2000, 76 (1 & 2): 47-53.
6. Chatterjee, H., Pramanik, A., and **Pandit, G.K.** Efficacy of some insecticidal combinations against citrus leaf miner *Phyllocnistis citrella* Stainton on Darjeeling mandarin in Himalayan region of West Bengal. *Environment and Ecology*, 2000, 18 (2): 482-484.



7. Bhattacharya, A., **Pandit, G.K.**, Chakraborti, P. and Roy, D. Effect of carbofuran, butachlor and carbendazim on chlorophyll and carbohydrate contents of two summer rice (*Oryza sativa* L.). *Crop Research*, 2001, 21 (1): 15-19.
8. **Pandit, G.K.** and Panchanan, S. Riboflavin-sensitized photodegradation of pendimethalin in sunlight. *Pesticide Research Journal*, 2013, 25 (1): 42-46.

Annual report

1. Pariari, A., Bhattacharya, A. and **Pandit, G.K.** Studies on yield and quality of ginger as influenced by different doses of nitrogen and phosphorus. *Annual Report*, Terai Zone, B.C.K.V., 1998-99, 14-15.

Member of society: 2