

## Brief Biodata of Professor Ashis Kumar Chatterjee



1. Faculty Member Name : **ASHIS KUMAR CHATTERJEE**
2. Department : ASEPAN, Palli Siksha Bhavana, Sriniketan
3. Qualification : Ph.D. in Soil Science
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8. Academic Qualification : M.Sc. (Ag.) and Ph.D. in Soil Science
9. Date of Birth : 16.09.1955
10. Teaching and Research Experiences : 28 years
11. Research areas : Soil fertility /Soil Chemistry
12. Administration : Member of Bhavana admission committee for four years.  
Head of the Department for three years.
13. National and International Exposure : :
14. International Assignment :
15. Awards and Honours :
16. Significant publications : Annexure-1
17. Number of Ph.D. students produced : 05
18. Thesis submitted : 1
19. Working : 1

## Annexure I

### List of publication of Professor Ashis Kumar Chatterjee:

1. Bera, R. Seal, A., Dolui, A. K., Chatterjee, A. K., Sarkar, R. K., Dutta, A., De, G. C., Barik, A.K., Majumdar, D. and Bhattacharyya, P. (2012). Evaluation of a New Biodegradation Process and its End Product Quality Assessment for Organic Soil Management. *Indian Agriculturist* 56 (I & 2): 71-78.
2. Seal, A., Bera, R., Chatterjee, A. K. and Dolui, A. K. (2011). Evaluation of a new composting method in terms of its biodegradation pathway and assessment of compost quality, maturity and stability. *Archives of Agronomy and Soil Science*
3. Bera, R., Dutta, A., Saha, S., Dolui, A. K., Chatterjee, A. K., Sarkar, R. K., Majumdar, D., Bhattacharyya, P. and Seal, A. (2011). An effective road map through resource recovery output approach for municipality solid waste management –a success story from North Barrackpore & Garulia Municipality, North 24 Paraganas, West Bengal, India. *Sustainable Waste Management* 337-345.
4. Bera, R., Dutta, A., Saha, S., Dolui, A. K., Chatterjee, A. K., Sarkar, R. K., Sengupta, K., Bhattacharyya, P. and Seal, A. (2012). New concept in municipality solid waste management – a case study from Garulia and North Barrackpore municipalities, West Bengal. *Journal of Crop and Weed* 8(1): 60-64.
5. Barik, A.K., Chatterjee, A. K., Mondal, B., Dutta, A., Saha, S., Nath, R., Bera, R. and Seal, A. (2014). Adoption of rational farming technology for development of a model for exploring sustainable farming practice in farmer's field. *The International Journal of Science and Technoledge* 2 (4): 147-155.
6. Barik, A.K., Chatterjee, A. K., Dutta, A., Saha, S., Bera, R. and Seal, A. (2014). Evaluation of Inhana Rational Farming (IRF) technology as an effective organic option for large scale cultivation in farmer's field – a case study from Kowgachi-II Gram Panchayat North 24 Paraganas, West Bengal. *The International Journal of Science and Technoledge* 2 (5): 183-197.
7. Barik, A.K., Chatterjee, A. K., Dutta, A., Bera, R. and Seal, A. (2014). Evaluation of Inhana Rational Farming (IRF) technology as an effective organic package of practice - a case study from State Horticultural Research and Development Station, Krishnagar, Nadia, West Bengal. *Central European Journal of Experimental Biology* 3 (3): 1-15.
8. Sarkar, R. K., Dolui, A. K., Chatterjee, A. K., De, G. C., Majumdar, D., Dutta, A., Saha, S., Bera, R., Seal, A. (2014). Evaluation of Inhana Rational Farming (IRF) technology as an effective organic package of practice (POP) towards upbringing of quality tea seedling - a case study from FAO-CFC-TBI project at Maud Tea Estate, Assam, India. *Indian Agriculturist* 58 (2): 83-89.
9. Seal, A., Bera, R., Sah, K. D., Sarkar, D. and Chatterjee, A. K. (2014). Evaluation of vermicompost as a component of integrated nutrient management in wetland rice under saline environment. *Journal of Recent Advances in Agriculture* 2 (10): 305-311.
10. Bera, R. Seal, A., Dutta, A., Saha, S., Dolui, A. K., Chatterjee, A. K., Barik, A.K., De, G. C. and Majumdar, D. (2014). Evaluation of on-farm produced Novcom compost quality and its post soil application effectivity in acid tea soils – a case study from West Jalinga Tea Estate, the largest organic tea estate in Assam, India. *Central European Journal of Experimental Biology* 3 (4): 41-51.
11. Bera, R. Seal, A., Das, T.H., Sarkar, D. and Chatterjee, A. K. (2014). Application of fertility capability classification system in rice growing soils of Damodar Command Area, West Bengal, India. *Journal of Recent Advances in Agriculture* 2 (12): 330-337.
12. A.Samanta, A.K. Chatterjee, R.Kar and Biswapati Mandal (2005) Assessment of copper content in mulberry garden soils of West Bengal. *Indian J. Seric.* **44** (1), 28-34.

13. Chatterjee, A.K. and Khan, S.K. (2005) Evaluation of phosphate rocks compacted with different soluble phosphate and sulfur in rice (*Oryza sativa*)-wheat (*Triticum aestivum*) and rice-rapeseed (*Brassica campestris var yellow sarson*) crop sequences in Alfisol. *Indian J. Agric. Sci.* **75** (8), 493-495.
14. Seal, A., Sah, K.D., Sarkar, Dipak and Chatterjee, A.K. (2005) Soil potential rating (SPR) approach for suitability Evaluation of some crops in coastal saline soils of Sagar island, West Bengal. *Indian Journal of Landscape systems and Ecological Studies.* **28** (2), 137-140.
15. A.Samanta, A.K. Chatterjee, R.Kar and Biswapati Mandal (2004) Assessment of available boron content in mulberry garden soils of West Bengal. *Indian J. Seric.* **43** (2), 219-221.
16. A.Samanta, A.K. Chatterjee, P.K. Mete and Biswapati Mandal (2002) Status of Total and Available Iron and Zinc in Soils of West Bengal under Continuous Cultivation of Mulberry. *J. Indian Soc. Soil Sci.* **50** (1), 35-42.
17. A.Samanta, A.K. Chatterjee, R.Kar and Biswapati Mandal (2001) Assessment of Manganese content in Mulberry garden soils of West Bengal. *Indian J. Seric.* **40** (1), 64-70.
18. S.K. Khan and A.K. Chatterjee (2001) Effect of Continuous Rice Cropping on Changes in Pedon Characteristics in an Ustalf. *J. Indian Soc. Soil Sci.* **49**, 368-370.
19. A.K. Chatterjee and S.K. Khan (1997). Available Zinc, Copper, Iron and Manganese and Effect of Submergence on Available Zinc in Relation to Properties of Some Alfisols of West Bengal *J. Indian Soc. Soil Sci.* **45**, 399-401.
20. Biswapati Mandal, P.S. Das Pattanayak, A.Samanta and A.K. Chatterjee (1996) *Z. Pflanzenernahr. Bodenk. (J. Pl. Nutr. Soil Sci., Germany).* **159**, 413-417.
21. A.K. Chatterjee, Biswapati Mandal and L.N. Mandal (1996). Interaction of Nitrogen and Potassium with Zinc in Submerged soil and Lowland Rice. *J. Indian Soc. Soil Sci.* **44**, 792-794.
22. A.K. Chatterjee and L.N. Mandal (1985). Adsorption and Desorption of Zinc in Soils of Different Physico chemical Characters. *J. Indian Soc. Soil Sci.* **33**, 669-671.
23. A.K. Chatterjee and L.N. Mandal (1985). Zinc sources for rice in soils in different moisture regimes and organic matter levels. *Pl. Soil*, **87**, 393-404.
24. A.K. Chatterjee, L.N. Mandal and M Haldar (1983). Effect of Phosphorous and Zinc Application on the Extractable Zn, Cu, Fe, Mn and P in Waterlogged soil. *J Indian Soc. Soil Sci.* **31**, 135-137.
25. A.K. Chatterjee, L.N. Mandal and M Haldar (1982). Interaction of zinc and phosphorous in relation to micronutrient nutrition of rice plant at two different growth stages. *Z. Pflanzenernahr. Bodenk. (J. Pl. Nutr. Soil Sci., Germany).* **145**, 460-469