

Name: SUKANTA KUMAR SEN	
Designation: PROFESSOR	
Qualification: M.Sc, Ph.D	
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Teaching Experience: 33 years	
Research Experience: 31 years	
Research areas/Interest: Production of microbial metabolites	
Awards and Honours: UGC Research Award, 2001 Fellow West Bengal academy of Science & Technology, 2004 Fellow Science & Society, 2005 Fellow National Environmentalist Association, 2012 Fellow National Environment & Science Academy, 2013	
Sanctioned Project: UGC sponsored 1989-91, 1993-96, 2007-10, 2011-14 DBT sponsored 2001-2004, 2002-2005 (Jt), 2004-2006 ICAR sponsored 1997-2000 (Jt), 2002-2005 (Jt) DST sponsored 2000-2004 (Jt)	

Significant publications (Ten only):

- Moon, U. R., Sen, S. K. and Mitra, A. **2014**. Antioxidant capacities and acetylcholinesterase-inhibitory activity of *Hoppea fastigiata*. Journal of Herbs, Spices & Medicinal Plants. 20:115–123.
- Mukherjee, S. and Sen, S.K. **2014**. Exploration of novel rhizospheric yeast isolate as fertilizing soil inoculant for improvement of maize cultivation. Journal of the science of food and agriculture. DOI 10.1002/jsfa.6848 (**IF- 1.879**).
- Mitra, S., Mukherjee, S., Sen, S.K. and Hajra, A. **2014**. Environmentally benign synthesis and antimicrobial study of novel chalcogenophosphates. Bioorganic & Medicinal Chemistry Letters. 24:2198–2201 (**IF- 2.331**).
- Pan, I. and Sen, S. K. **2013**. Microbial and Physico-Chemical analysis during composting of wheat straw. Indian Journal of Biotechnology. 12: 120-128 (**IF- 0.501**).
- Chattopadhyay, P. and Sen, S. K. **2013**. Systemic infestation of *Serratia entomophila* AB2 through plant tissue inferred protection against insect pest and fungal pathogens. African Journal of Microbiology Research. 7(21):2651-2655.
- Pan, I., Dam, B. and Sen, S. K. **2012**. Composting of common organic wastes using microbial inoculants. 3 Biotech. 2 (2):127-134.
- Mandal, V., Sen, S. K. and Mandal, N. C. **2011**. Production and partial characterization of an inducer dependent novel antifungal compound(s) by probiotic *Pediococcus acidilactici* AB₅. Journal of the Science of Food and Agriculture. DOI 10 1002/jsfa 6055 (**IF-1.879**).
- Roy, R. N. and Sen, S. K. **2011**. Growth and production kinetics of antimicrobial compound from *Strptomyces albidoflavus* 321.2. Scientific Research and Essays. 6: 2042-2046 (**IF-0.320**).
- Mandal, V., Sen, S. K. and Mandal, N. C. **2010**. Assessment of antimicrobial activities of pediocin produced by *Pediococcus acidilactici* AB₅. Journal of Food Safety. 30:635-651 (**IF-0.863**).
- Mandal, V., Sen, S. K., and Mandal, N. C. **2009**. Effect of prebiotics on bacteriocin production and cholesterol lowering activity of *Pediococcus acidilactici* AB₅. World Journal of Microbiology and Biotechnology. 25:1837-1847 (**IF-1.353**).

Patents /Any other achievements: Nil**Lab members:** 5