

**CURRICULUM VITAE: Dr Asit Kumar Sarkar, Associate Professor & HOD**

Department of Microbiology

**Academic Qualifications:**

<u>Degree</u>	<u>Year</u>	<u>University</u>	<u>Subjects</u>	<u>Class</u>
B. Sc.	1975	Calcutta University	Botany (Hons.), Zoology, Chemistry	2
M. Sc.	1977	„	Botany with specialization in Cytogenetics	1
Ph. D.	1988	„	Botany ( Title of the Thesis: Cytogenetical Investigations on Induced Mutations and Polyploids of <i>Trichosanthes anguina</i> Linn.)	-

**Position held:**

<u>Period</u>	<u>Position</u>	<u>Institution</u>
1979 - 1984	Research Scholar	Bose Institute, Kolkata
1984 – 1985	Teacher	DKM Institution, Baduria
1985 – Till date	Lecturer- Associate Professor	RKM Vidyamandira, Belur Math Howrah

**Publications:**

- Sardar, A. K. and Mukherjee, K. K. (1986). Characterization of induced polyploids of *Trichosanthes anguina*, Trans. Bose Res. Inst., **49**(1-2) : 23-28.
- and ----- (1987). Inheritance of fruit-coat colours in *Trichosanthes anguina*, Theor. Appl. Genet., **74**: 171-172.
- and ----- (1987). Interspecific hybridization in *Trichosanthes anguina*, Linn. Ind. J. Genet., **47**(1):89-93.
- and ----- (1987). Analysis of two fruit-coat colour mutants of *Trichosanthes anguina*, Linn., Ind. J. Genet., **47**(3):257-260.
- and ----- (1988). Flower on tendril in *Trichosanthes anguina*, Linn., Curr. Sci., **57**:737-741.
- and ----- (1988). Effects of single and combined treatments with EMS, colchicine and GA<sub>3</sub> in *Trichosanthes anguina*, Linn., Trans. Bose Res. Inst., **51**(2): 65-71.
- and ----- (1988). Effects of EMS, Colchicine and GA<sub>3</sub> on tendril emergence in snakegourd(*Trichosanthesanguina*,Linn.), Phytomorphology, **40**(1&2):175-177
- and ----- (1990). Analysis of fruit-coat colour mutants of *Trichosanthes anguina*, Linn., Trans. Bose Res. Inst.,**53**(1) : 13-17.
- Sardar, A. K., Sarkar, A. K. and Mukherjee, K. K. (1994). Morphological and Biochemical Variation in Monoecious and Dioecious *Trichosanthes* spp., Phytomorphology, **44**(3&4): 177-186.
- Mukherjee,T, -----and-----and Sarkar,A. K.(2010). Bioremediation: Screening and characterization of Nickel-resistant microbial communities from Westland soil.17th State Science Congress,West Bengal, held on 4th-5th March, 2010

Number of Seminars Organized: 4(Three UGC- sponsored National Level Seminars on 2008, 2011 and 2014 and one RUSA-funded International Level Seminar on 2017)