

## Dr. Tanushree Tulsian (Samanta)

Assistant Professor

Physiology



### Education:

Degree	Year	University
Ph.D.	2012	Jadavpur University
M.A/ M.Sc.	2000	Vidyasagar University
B.A./ B.Sc.	1998	Vidyasagar University

**Teaching Experience:** 9 Years (From Dec., 2006)

**Area of Research:** Microbiology and Molecular Biology

### Journal Papers:

1. Das A., **Samanta T.T.**, Kaviraj A.(2015). Morphological and biochemical characterization of four new *Bacillus thuringiensis* strains. *International Journal of Current Research*. 7(6), 17137-17143.
2. **Samanta T.T.**, Das A., Samanta P. (2014). Isolation and Characterization of *Xanthomonas oryzae* isolates from different regions of Midnapore district of West Bengal and their Ecofriendly management by some medicinal plant extracts. *International Journal of Phytomedicine*. 6 (1) 29-42.
3. Das K., **Samanta T. T.**, Samanta P., Nandi D. K.(2010). Effect of extract of *Withania somnifera* on dehydration induced oxidative stress related uremia of male rat. *Saudi j Kidney Dis Transpl*. 21(1),75-80.
4. **Samanta T. T.**, Ghosh D., Nandi D.K.(2009). New experimental design: dehydration induced uremia and oxidative stress on male albino rats, Innovative approach to researcher for further study on kidney disease. *Pharmacologionline*. 3, 882-892.

### Conference Papers:

1. **Samanta T.T. (2013).** Ecofriendly Management of *Xanthomonas oryzae*. International Conference on Environment and its impact on Society. Vol 1: 58-70.
2. **Samanta T.T. (2013)**CLC promoter may be the answer for Bt Cotton. Indian Science Cogress 100<sup>th</sup> year celebration New Biology (Including Biochemistry, Biophysics & Molecular Biology and Biotechnology)
3. **Samanta T.T. (2012)** International Conference on Frontiers in Biological Researches, organized by Department of Human Physiology with Community Health. Vidyasagar University, Midnapore, West Bengal, India.
4. **Samanta T.T. (2012)** Comparison of anti-microbial activities of some common medicinal plants on acne inducing bacteria. National Seminar on “Modern trends in Biological Sciences”, organized by P.G. Dept. of Zoology, Raja N.L.Khan Women’s College, Midnapore.
5. **Samanta T.T. (2015)** Study on Isolation and Characterization of gut microflora of *Perionyx excavatus*. UGC sponsored National Seminar on Current trends of research in Human Physiology and Community Health.

### Honours/ Awards:

- 1) Received a Scholarship from Education Directorate, Govt. of West Bengal for holding the 1<sup>st</sup> position in B.Sc Examinations 1998 under Vidyasagar University.
- 2) Received University Gold-centered Silver Medal for holding the 1<sup>st</sup> position in B.Sc Hons Examinations in 1998 under Vidyasagar University.
- 3) Received University Gold-centered Silver Medal for holding the 1<sup>st</sup> position in M.Sc Examinations in 2000 under Vidyasagar University.
- 4) Received Sarala Debnath Memorial Endowment Medal of the year 2000 for standing 1<sup>st</sup> in M.Sc Examinations under Vidyasagar University.

### Research Guidance:

Sl.	Ph.D.	Title of the Research Work	Name of the Scholar	University	Status [Completed (Year)/ Ongoing]
1.	Ph.D	Evaluation of insecticidal properties of crystal proteins from some newstrains of <i>Bacillus thuringiensis</i>	Ankita Das	University of Kalyani	Ongoing

### Project Works:

Sl.	Funding Agency (Date and File No.)	Title of the Project Work	Name of the Scholar	Amount	Status [Completed (Year)/ Ongoing]
1.	UGC (18-Mar-2014 and No.- PSW-137/13-14)	Characterization of gut microflora of <i>Perionyx</i> sp. and <i>Eisenia</i> sp. after exposure to pesticides and metals	NA	Rs. 3,45,000/-	Ongoing

### Collaborative Programs:

- i) Ph.D of INSPIRE fellow in collaboration with University of Kalyani.
- ii) UGC-MINOR project in collaboration with Dept. of Zoology, Raja N. L. Khan Women's College.

### Invite Lectures:

Sl.	Topic of the Lectures	Institute	Year
1.	UGC sponsored National seminar on "Environmental Health"	Garhbeta College	2014
2.	Invitee Lecture on "Women Empowerment"	Vidyasagar Institute of Health	2014
3.	UGC sponsored National Seminar on Knowledge, Attitude & practice (KAP) on Food hygiene in rural community of West Bengal "Transgenic crop"	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya	2015

### Membership of Learned Societies:

- 1) Life membership in The Physiological Society of India.
- 2) Life membership in The Indian Science Congress.

**Seminar/ Conference/ Workshop:**

Sl.	Name of the (Seminar/ Conference/ Workshop)	Participated/ Presented Paper/ Session Chaired	Organizer, Venue and Year
1.	International Seminar on “Modern trends in Biological Sciences”	Presented Paper	P.G. Dept. of Zoology, Raja N.L.Khan Women’s College, Midnapore.
2.	International Conference on “Integrative Physiology: Modern Perspective” & Platinum Jubilee Celebration of the Physiological Society of India	Presented Paper	Science City Convention Centre, Kolkata, India.
3.	International Conference on Frontiers in Biological Researches	Presented Paper	Department of Human Physiology with Community Health. Vidyasagar University, Midnapore, West Bengal, India.
4.	UGC sponsored National Seminar on “Current trends of Research in Human Physiology and Community Health”	Presented Paper	Department of Human Physiology with Community Health. Vidyasagar University
5.	International Conference on Environment and its impact on Society	Presented Paper	JD Birla Institute, Kolkata.

**Other Notable Activities:**

- i) Program Officer of NSS Unit-I, Raja N. L. Khan Women’s College.
- ii) Co-ordinator of E-cell, Raja N. L. Khan Women’s College.
- iii) Co-ordinator of HEPSN, Raja N. L. Khan Women’s College.
- iv) Co-ordinator of Day care Centre, Raja N. L. Khan Women’s College.