

Curriculum Vitae



Name: Dr. Dhananjay Soren

Designation: Lecturer

Subject: Zoology

Mobile: 09330520515 / 09583217859

E-mail: dsoren@ravenshawuniversity.ac.in

Professional Experience:

Doctoral work had been carried out in the area of LIFE SCIENCE, entitled as “*Purification and Characterization of extracellular endo-xylanase from an edible mushroom Termitomyces clypeatus*” at Drug Development/Diagnostics and Biotechnology Division, Indian Institute of Chemical Biology, 4 Raja S. C. Mullick Road, Jadavpur, Kolkata 700032. The degree was awarded by Jadavpur University, Kolkata. The purified enzyme from edible fungus had been designed to mimic for the model enzyme system for study of different biochemical behaviors towards regulation of secretion for over production of extra- and intracellular enzyme.

Mastered in Science (M. Sc. Marine Biotechnology) from the Department of Marine Science and Biotechnology, Goa University, Taleigao Plateau, Panaji, Goa- 403206, India. The dissertation work carried out was on “*Characterization and partial Purification of Alkaline proteases from a deep sea Streptomyces sp.*” for partial fulfillment of the curriculums. Work was based on the biochemical behaviors of the deep sea *Streptomyces sp.* collected from the Indian Ocean basin by the Research groups from National Institute of Oceanography, Dona Paula, Goa, India

Education:

Bachelor of Science (B. Sc.): B.J.B. College, Bhubaneswar, majoring on Chemistry, Botany and Zoology (Honours), with Second class. (Utkal University, 1999)

Master of Science (M. Sc.): Department of Marine Science & Biotechnology, Goa University, majoring with Marine Biotechnology programme, Second class. (Goa University, 2002)

Doctor of Philosophy (Ph. D): Drug Development/Diagnostics and Biotechnology Division, Indian Institute of Chemical Biology, 4 Rajas S. C. Mullick Road, Jadavpur, Kolkata 700032, with LIFE SCIENCE (Jadavpur University, 2010).

Area (s) of specialization:

Protein purification & Enzymology, Protein Aggregation, Protein-protein interaction

Publications:

- **Dhananjay Soren**, Mohanlal Jana, Subhabrata Sengupta, and Anil K. Ghosh (Published online 2009). **Purification and Characterization of a Low Molecular Endo-xylanase from Mushroom *Termitomyces clypeatus***. *Applied Biochemistry and Biotechnology* (Springer, 2010), Vol. 162, Number 2, Page. 373-389, [DOI: 10.1007/s12010-009-8763-0]

Conference Presentations:

International:

- Poster presented on “*Improvement of physicochemical properties of sucrase in glutaraldehyde crosslinked sucrase cellobiase aggregate from the mycelial culture of Termitomyces clypeatus*” by Rina Saha, Ruplekha Chatterjee, Debannita Datta, and **Dhananjay Soren**, at International Symposium on “**Chemical Biology**” held between 7th and 9th March, 2007 at Indian Institute of Chemical Biology as an auspicious occasion of Golden Jubilee Celebration (IICB).
- Poster Presented on “*Medium acidification regulating production of xylanase by Termitomyces clypeatus*” by **Dhananjay Soren** & Subhabrata Sengupta, at **Joint International Conference on Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology (OCCB, 2006)**, held between 6th and 9th January, 2006, at National Chemical Laboratory (CSIR), Pune (India) jointly organized by Council of Scientific and Industrial Research (CSIR) and American Chemical Society (ACS).
- 6th International Symposium on “*Biochemical roles of eukaryotic cell surface macromolecules*” held between 16th and 18th January 2003, at Indian Institute of Chemical Biology (CSIR), Kolkata.

National:

- National Conference on “**Impact of Biotechnology on the Development of Human Health Care System**” held between 5th and 6th April, 2006 at Heritage Institute of Technology, Chowbaga Road, Anandapur, East Kolkata Township 700107, jointly organized by Department of Biotechnology, Heritage Institute of Technology and Confederation of Indian Industries (CII), Eastern Region, India.

- FAOBMB satellite Symposium on “**Regulation of Gene Expression**” held between 5th and 6th December, 2003, at Indian Institute of Chemical Biology (CSIR), Kolkata, organized by Society of Biological Chemists, India.
- National Symposium on “**Recent Trends in Biophysical Research**” *in Honour of Prof. B. D. Nag Chaudhuri and Prof. S. N. Chatterjee*, held on 19th November, 2003, at Indian Institute of Chemical Biology, Kolkata, jointly organized by Indian Biophysical Society, Kolkata and Indian Institute of Chemical Biology (CSIR), Kolkata.
- **XVIIIth Carbohydrate Conference**, held between 5th and 7th November 2003, at Indian Association for Cultivation of Sciences (DST), Kolkata, organized by Association of Carbohydrate Chemists & Technologist, India.

Conferences/ Workshops/ Training Programs Organized: Nil

Research Projects, Evaluation Research, Consultancies: Nil

Advisory & Editorial Boards: Nil

Honours & Fellowships:

- Qualified the Joint CSIR-UGC National Eligibility Test for Lectureship and Junior Research Fellowship, held on 23rd June, 2002 and awarded the grants from University Grants Commission, New Delhi, India for carrying out Ph. D programme at Indian Institute of Chemical Biology, Kolkata.
- Received Senior Research Fellowship (2005-2007) from University Grants Commission, New Delhi.
- Received Junior Research Fellowship (2003-2004) from University Grants Commission, New Delhi.
- Awarded the Department of Biotechnology Scholarship for carrying out M. Sc in Marine Biotechnology programme at Department of Marine Science & Biotechnology, Goa University by qualifying through All India Combined Entrance Examination (1999) conducted by Jawaharlal Nehru University, New Delhi.
- Qualified All India Common Entrance Examination for admission to M. Sc in Zoology at Central University, Hyderabad, 1999.

- Qualified All India Common Entrance Examination for admission to M. Sc in Information Science at Birla Institute of Technology, Mesra, Ranchi, 1999.

Membership in Professional Bodies:

Student member of professional Scientific Societies and Associations includes:

- Society for Biological Chemists of India.
- American Chemical Society
- Indian Science Congress Association

Personal Information:

Date of Birth: 03rd May, 1978

Sex: Male

Nationality: Indian

Marital Status: Single

Residence address:

Plot No. 2D/780/10, Door No. 2
Sector -11, C.D.A
Abhinav Bidanasi
Cuttack-753014

Permanent address:

Village- Rangamatia
Post- Bad Kulaibira
Via- Jamda, Tahashi/ PS- Bahalda,
Dist- Mayurbhanj,
Odisha - 757045