



## Ms. Swetaleena Senapati, M.Sc

Lab Incharge (Biotechnology & Microbiology)

Area: - Biotechnology, Microbiology

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Year of Joining: - August 2017

## EDUCATION

M.Sc	Biotechnology	Berhampur university-2009
B.Sc	Biotechnology	Utkal university-2007
PGDCA	.....	CTECH,Berhampur- 2009

## OTHER DETAILS:-

- ▶ Done one week short term training on “**The working principle of Gas Liquid Chromatography**” in “Keora Industry Ltd.” (A govt. organization) Berhampur, Orissa.
- ▶ Done training on “**Biological Animal Vaccine Preparation**” in “ORISSA BIOLOGICAL PRODUCTS INSTITUTE” (OBPI), Near OUAT, (Govt. Research Institute) (From 27/05/2008 to 27/06/2008).
- ▶ I have done training on “**The Importance of Microbiology & Biochemistry in Hospital Science**” in “CAPITAL HOSPITAL”, Unit-6 (Govt. Hospital) (From 10/09/2006 to 10/01/2007).

## EXPERIENCES:-

- ▶ Worked as a **Technical assistant** in a Plant tissue culture laboratory, at “**Centre for plant tissue culture & Biotechnology**”, Tamando, Bhubaneswar from Feb 2010 to Feb 2011.
- ▶ Worked as a **Junior Research Fellow**, At **O.U.A.T, Bhubaneswar**, in the project entitled “Development of Transgenic Plant in Mungbean” under RKVY project from 1<sup>st</sup> April, 2011 to 19<sup>th</sup> June 2012.
- ▶ Worked as a **Senior research fellow** at **Central Rice Research Institute**, Cuttack, in the project entitled “National Initiative on Climate Resilient Agriculture” from 20<sup>th</sup> June 2012.
- ▶ **Lab Incharge (Biotech & Microbiology)** with Trident school of Biotech Sciences, **TACT, Bhubaneswar** from 21 august 2017.

## PUBLICATIONS:-

- ▶ S.Bharat Kumar, P.J. Pragyana, **L.S. Sweta**, N.Nupur, P.Madhuchhanda, P.M.Durga, N.Debakanta and J.N. Reddy: Flood tolerance of newly developed semi-deep lowland rice variety (Varsadhan) during seed germination and seedling stage” in **The Bioscan**, An international quarterly journal of Life

Sciences.

- ▶ J.vijayan, **S.Senapati**, S.Ray, K.Chakraborty, K.A.Molla, N.Basak, B.pradhan, L.Yeasmin, K.Chattopadhyay & R.K.Sarkar (2018): Transcriptomics and physiological studies identify cues for germination stage oxygen deficiency tolerance in rice. **Environmental And Experimental Botany [Elsevier]**.
- ▶ **S.Senapati**, I.C Mohanty and G.R. Rout: “Studies on in vitro organogenesis and genetic transformation in Mung bean (*vigna radiata l. wilczek*)” at **National Symposium on Rice based farming systems for livelihood security under changing climate scenario**.
- ▶ **S.Senapati**, Roy.A, Kuanar SR and Sarkar. RK: “Amylase activity and its association with anaerobic germination tolerance in rice” in **ARRW Golden Jubilee International Symposium, CRRI**.
- ▶ **Swetaleena senapati**, Anuprita ray, Sukant Gayen, Krishnendu Chattopadhyay and Ramani kumar Sarkar: “Molecular& physiological characterization of genotypes tolerant to anaerobic germination” At **National Seminar on Plant Genomics and Biotechnology: Challenges and Opportunities in 21<sup>st</sup> century, OUAT**.
- ▶ Roy.A, **S.Senapati**, Kuanar SR and Sarkar.RK: Phenotyping for salinity tolerance based on morpho-physiological parameters in rice” in **ARRW Golden Jubilee International Symposium, CRRI**.