



1. Name of the candidate: **POONAM DAS**
2. FELLOWSHIP: **OURIIP**
3. Ph.D Registration No & Date: **01-BIOTECHNOLOGY-2019-20, 10-August-2020**
4. Name of the supervisor/ P.I: **DR. JYOSTNARANI PRADHAN**
5. Title of the proposed research work: **Molecular Cloning and Characterization of a Novel Microbial Chitin deacetylase for Improved Production of Chitosan with Bioadsorption Efficiency.**
6. Publications in Journal from the proposed Ph.D work/ Project work

Sl.No	Title of Manuscript	Name of Journal	Details of authors with affiliation	Year, vol. page	IF if any

Publications as Book chapter

Sl.No	Title of Manuscript	Name of Journal	Details of authors with affiliation	Year, vol. page	IF if any

Papers presented in seminars/ symposium :

- NATIONAL CONFERENCE ON RECENT ADVANCES ON ENERGY, ENVIRONMENT AND HEALTH SCIENCES“ Cloning , Expression of Microbial Chitin Deacetylase in Improved Production of Chitosan: Evaluation in Sludge Treatment ” on 18<sup>th</sup> and 19<sup>th</sup> October 2019 at Department of Chemistry SOA, Odisha.
- RESEARCH CONCLAVE ORGANISED BY UTKAL UNIVERSITY “ Molecular Cloning , Expression of Microbial Chitin Deacetylase in Improved Production and bio adsorption efficiency of Chitosan” on 26<sup>th</sup> November at Parija Library , Utkal University, Odisha.
- NATIONAL SEMINAR ON SCIENCE AND TECHNOLOGY: RURAL DEVELOPMENT “ Molecular Cloning, Expression of Microbial Chitin Deacetylase in Improved Production and bio adsorption efficiency of Chitosan ” 13<sup>th</sup>-14<sup>th</sup> December, 2019, at KIIT University, Odisha.
- INTERNATIONAL CONFERENCE ON BIOPROCESS FOR SUSTAINABLE ENVIRONMENT AND ENERGY 2020 “Screening of a Potent Microbial Chitin Deacetylase for Improved Production of Chitosan with efficient bioadsorption capabilities” March 5-7, NIT Rourkela, odisha.

- 22nd Odisha Bigyan 'O' Paribesh Congress National Seminar on Overcoming the Challenges: Role of Science & Technology: "Identification, Purification and Characterization of Extracellular Chitin deacetylase from Crustacean Shell Surface" on 20<sup>th</sup> -21<sup>st</sup> Nov., 2021 in Ravenshaw University, Cuttack.
- RESEARCH SCHOLARS' CONCLAVE -2021 ORGANISED BY UTKAL UNIVERSITY "Identification, Purification and Characterization of Extracellular Chitin deacetylase from Crustacean Shell Surface" on 22<sup>nd</sup> Dec 2021 in Utkal University, BBSR, Odisha.