



1. Name of the candidate: **SHEELA KUMARI SAHOO**
2. FELLOWSHIP: DST-INSPIRE
3. Ph.D Registration No & Date: **02-BIOTECHNOLOGY-2019-20, 10-August-2020**
4. Name of the supervisor/ P.I: **DR. SANATAN MAJHI**
5. Title of the proposed research work: **Bioprocess development, molecular characterization and purification of a thermostable protease with fibrinolytic potential**
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

7. Publications as Book chapter

Sl.No	Title of Manuscript	Name of Journal	Details of authors with affiliation	Year, vol. page	IF if any
1	Exploitation of fibrinolytic Enzymes in Combating Blood Clotting Disorders - Recent Advances and Strategies: A Comprehensive Review	<i>Advances in Pharmaceutical Biotechnology</i> Springer Nature Singapore Pte Ltd. 2020	SHEELA KUMARI SAHOO & SABUJ SAHOO PG DEPARTMENT OF BIOTECHNOLOGY UTKAL UNIVERSITY	2020, https://doi.org/10.1007/978-981-15-2195-9_25 PAGE:385-395	

8. Papers presented in seminars/ symposium : (I) : **NATIONAL SEMINAR CUM WORKSHOP ON PROTEOMICS IN PUBLIC HEALTH “Screening, Identification and partial purification of isolated *Bacillus subtilis* strain from soil sample for improved production of potent fibrinolytic protease enzyme” 15th and 16th March 2019 At Department of Biotechnology Utkal University, Odisha**

(II): **NATIONAL SEMINAR ON SCIENCE AND TECHNOLOGY: RURAL DEVELOPMENT “Screening, Isolation and Identification of Fibrinolytic Enzyme producing *Bacillus Sp.* Isolated from Sewerage Water of BMC” 13th-14th December, 2019, at KIIT University, Odisha.**

(III): **INTERNATIONAL CONFERENCE ON BIOPROCESS FOR SUSTAINABLE ENVIRONMENT AND ENERGY 2020 “Screening, Isolation, Partial Purification and Assay of Thermostable Fibrinolytic Enzyme From *Bacillus Sp.* Isolated From Extreme Environment” March 5-7, NIT Rourkela, odisha.**

(IV) 22nd Odisha Bigyan 'O' Paribesh Congress National Seminar on Overcoming the Challenges: Role of Science & Technology: Screening, Bioprocess Development and Partial Purification of Thermostable Fibrinolytic Enzyme from *Bacillus Sp.* 20-21 Nov., 2021 in Ravenshaw University, Cuttack