

CURRICULUM VITAE



1. Name: Dr. Sasmita Panda

2. Designation: Asst. Professor of Chemistry

3. Qualification:

Ph. D. (Chemistry): 2024 (North Odisha University, Baripada)

Topic: Studies on soil chemistry and host plant micronutrients in relation to tasar silkworm crop productivity in plain and hilly areas of Mayurbhanj district

4. Email Id: spanda,fmac@gmail.com

5. Area of interest:

- Research in implementation of technology of Chemistry in Social and Environmental aspects
- Soil Chemistry
- Impact of environmental changes on Tasar silkworm and their productivity

6. Area of research:

- Soil profile
- Tasar silkworm productivity
- Conservation of soil nutrients
- Impact of Soil nutrients on primary and secondary metabolites of plant leaves

7. Teaching Area:

- UG: Inorganic and Organic Chemistry, Green Chemistry
- PG: Organic mechanism, Spectroscopy, Polymer and Green Chemistry

8. Total No. of Teaching Experience (Years):

- UG: 13 years
- PG: 3 years

9. Research Supervision: Nil

Ongoing (M.Phil./Ph.D./D.Sc./D.Litt.): Nil

10. Publication Profile

Sl. No.	Title of the Article/ Paper	Name of the journal	Vol. No. & PP / Month and Year	Whether you are the main Author And / or No. of Coauthors	ISSN No.	UGC Journal No./ Impact Factor and Link to verify
1.	Nutrients from soil to host plant leaves and its impact on commercial traits of tropical tasar silkworm	Plant Achieves	Vol. No:22, Special issue(VSOG) pp:116-121 2022	Main and 2 co-author	0972-5210	DOI Url:https://doi.org/10.51470/PLANTARCHIVES2022.v22.specialissue.024

b) Books Chapters Published:

Sl. No.	Title of the Article/ Paper	Name of the journal	Vol. No. & PP / Month and Year	Whether you are the main Author And / or No. of Coauthors	ISBN No.
1	Nutrients in Soil and Leaf on Commercial Traits of Tropical Tasar Silkworm	Smart Farming: A way towards sustainability	Dec 2022 Page No: 261-269	Main author and 2 co-authors	978-93-5779-790-0
2	Artificial Intelligence: A Boon to Agriculture Sector	Futuristic Trends in Agriculture and	Dec 2023 Page No: 259-266	Main Author	978-93-100-0218-8

c) Books Published: Nil

d) Articles Published in Newspapers/Magazines: Nil

11. Research Projects: NIL

11. Paper presented in Conferences/Seminars

Name of the Programme	Name of Organizing Agency	International (Abroad)/International (within Country)/ National/ State/University level	Title of the Paper / Talk	Duration (Dates of Event)
INTERNATIONAL VIRTUAL CONFERENCE ON VERMICOMPOSTING AND ORGANIC FARMING	N.C AUTO COLLEGE JAJPUR AND TRIBHUVAN UNIVERSITY, KATHMANDU, NEPAL	INTERNATIONAL	ISBN:978-93-5416-150-6 Effect of metallic ions, pH moisture content of host plant leaves on silk formation in tasar silkworm <i>Antheraea mylitta</i> Drury; A review	29.08.2020-30.08.2020
FOOD SECURITY THROUGH SUSTAINABLE AGRICULTURE (FSSA) VAKSANA-2020	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	INTERNATIONAL	ISBN:978-93-5416-806-2 Vanya silk- a perspective to conserve ecosystem and stabilise rural women economically (Received third prize)	21.09.2020-22.09.2020
33 rd ANNUAL CONFERENCE OF OCS-2019 & 5 th NATIONAL CONFERENCE RAIMS-19	DEPARTMENT OF CHEMISTRY, VSSUT, BURLA	NATIONAL	Flouride menance in Mitrapur- cause, remedies and prevention (poster)	24.12.2019-25.12.2019
INTERNATIONAL CONFERENCE ON CHEMISTRY FOR	CENTRAL UNIVERSITY OF JHARKHAND	INTERNATIONAL	Effect of macro and micronutrients available in the soil	02.06.2021-04.06.2021
SUSTAINABLE DEVELOPMENT			and the host plant on the productivity of tasar silk (Poster)	

12. Invited Lectures/Special Lectures/Resource persons or presentation at Conferences/ Workshops

Name of the Programme	Name of Organizing Agency	International (Abroad)/International (within Country)/ National/ State/University level	Title of the Paper / Talk	Duration (Dates of Event)
INTERNATIONAL VIRTUAL CONFERENCE ON VERMICOMPOSTING AND ORGANIC FARMING	N.C AUTO COLLEGE JAJPUR AND TRIBHUVAN UNIVERSITY, KATHMANDU, NEPAL	INTERNATIONAL	ISBN:978-93-5416-150-6 EFFECT OF METALLIC IONS, PH MOISTURE CONTENT OF HOST PLANT LEAVES ON SILK FORMATION IN TASAR SILKWORM ANTHERAEA MYLITTA DRURY; A REVIEW	29.08.2020 - 30.08.2020
FOOD SECURITY THROUGH SUSTAINABLE AGRICULTURE (FSSA) VAKSANA-2020	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	INTERNATIONAL	ISBN:978-93-5416-806-2 VANYA SILK- A PERSPECTIVE TO CONSERVE ECOSYSTEM AND STABILISE RURAL WOMEN ECONOMICALLY (RECEIVED THIRD PRIZE)	21.09.2020 - 22.09.2020
33RD ANNUAL CONFERENCE OF OCS-2019 & 5TH NATIONAL CONFERENCE RAIMS-19	DEPARTMENT OF CHEMISTRY, VSSUT, BURLA	NATIONAL	FLOURIDE MENANCE IN MITRAPUR CAUSE, REMEDIES AND PREVENTION (POSTER)	24.12.2019 - 25.12.2019
INTERNATIONAL CONFERENCE ON CHEMISTRY FOR SUSTAINABLE DEVELOPMENT	CENTRAL UNIVERSITY OF JHARKHAND	INTERNATIONAL	EFFECT OF MACRO AND MICRONUTRIENTS AVAILABLE IN THE SOIL AND	02.06.2021 - 04.06.2021

			THE HOST PLANT ON THE PRODUCTIVITY OF TASAR SILK (POSTER)	
BIODIVERSITY AND CONSERVATION	RDS DEGREE MAHAVIDYALAYA A KUNDABAI MAYURBHANJ	NATIONAL	CONSERVATION OF TASAR ECO RACE IN SIMILIPAL REGION	28 JUNE 2021
	CENTRAL UNIVERSITY RANCHI, JHARKHAND	NATIONAL (POSTER PRESENTATION)		02-04 JULY 2021
RESEARCHERS CONCLAVE	MSCB UNIVERSITY MAYURBHANJ	NATIONAL	IMPACT OF CATIONS ON PRODUCTIVITY OF SILK	14-15 DEC 2021
ANNUAL OCS MEET	MSCB UNIVERSITY MAYURBHANJ & OCS	NATIONAL	CATIONS AND PH ON THE QUALITY AND FORMATION OF SILK IN SILKWORM: A STUDY ON INCREASING PRODUCTIVITY	18-19 DEC 2021

13. Awards and Distinctions

Name of the Award / Fellowship	Sponsoring Agency	Date	National / International/ Regional/ College level

SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAY A, INDORE	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	21.09.2020- 22.09.2020	International 3rd Prize
CENTRAL UNIVERSITY OF JHARKHAND	CENTRAL UNIVERSITY OF JHARKHAND	02.06.2021- 04.06.2021	International 3rd Prize
SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAY A, INDORE	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	20.09.2021 - 21.09.2021	International 2nd Prize
SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAY A, INDORE	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	26.09.2022 - 27.09.2022	International 2nd Prize
11TH INTERNATIONAL SCIENCE CONGRESS	Pacific Academy of Higher Education and Research University, Udaipur Rajasthan	08.12.2024- 09.12.2023	International 1st Prize

14. Association with Professional Bodies

- Patron and Life Members of Orissa Chemical Society (OCS)