

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
33rd ANNUAL CONFERENCE OF OCS-2019 & 5th NATIONAL CONFERENCE RAIS-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)	
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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 ANTHERA EA 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
33 RD ANNUAL CONFERENCE OF OCS-2019 & 5 TH NATIONAL CONFERENCE RAIMS-19	DEPARTMENT OF CHEMISTRY, VSSUT, BURLA	NATIONAL	FLOURIDE MENACE 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 THE HOST PLANT ON THE PRODUCTIVITY OF TASAR SILK (POSTER)	02.06.2021 - 04.06.2021
BIODIVERSITY AND CONSERVATION	RDS DEGREE MAHAVIDYALAY 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
FACULTY DEVELOPMENT PROGRAMME	UGC-MMTC/GAD-MM TC, SGTB KHALSA COLLEGE, UNIVERSITY OF DELHI & ICS DELHI		CANCER AWARENESS FOR COMMUNITY ENGAGEMENT @NEP 2020	11-18 FEB 2025
ADVANCES IN SOCIETAL APPLICATIONS OF RADIATION-ASAR 2025	KIIT UNIVERSITY	NATIONAL	POSTER PRESENTATION on IMPACT OF RADIATION IN MEDICAL FIELD	21-22 March 2025
8TH INTERNATIONAL YOUNG SCIENTIST CONGRESS	PG college, Gopeswar (Sridev Suman Uttarakhand University Campus, Chamoli, Uttarakhand	INTERNATIONAL	CHEMISTRY BEHIND POSITIVE THINKING AND SPIRITUAL DEVELOPMENT	08.05.25-09.0 5.2025
CURRENT ADVANCES IN OPTICAL SPECTROSCOPY AND ITS APPLICATIONS (CAOSA-2025)	P.G. DEPARTMENT OF CHEMISTRY, STEWART SCIENCE COLLEGE, CUUTACK, ODISHA	INTERNATIONAL	ATTENDED	26-27 SEPT. 2025

13. Awards and Distinctions

Name of the Award / Fellowship	Sponsoring Agency	Date	National / International/ Regional/ College level
SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYAL AYA, INDORE	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	21.09.2020- 22.09.2020	International 3 rd Prize

CENTRAL UNIVERSITY OF JHARKHAND	CENTRAL UNIVERSITY OF JHARKHAND	02.06.2021- 04.06.2021	International 3rd Prize
SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYAL AYA, INDORE	SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYALAYA, INDORE	20.09.2021 - 21.09.2021	International 2nd Prize
SHRI VAISHNAV VIDHYAPEETH VISHWAVIDYAL AYA, 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)