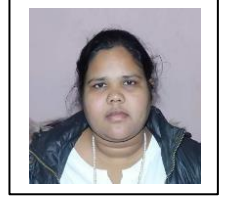


BIODATA OF NAMITA MANDAL



Personal Details:

Name :NAMITA MANDAL

Father's Name :Shri Abhimanyu Mandal

Sex :Female

Date of Birth: 20-06-1984

Whether belongs to SC/ST/OBC: OBC

Marital status: Unmarried

Present Address: **PO Pandhada Via- Bangriposi**

Dist-Mayurbhanj ORISSA

Pin-757032

Permanent Adress: **PO Pandhada Via- Bangriposi**

Dist-Mayurbhanj ORISSA

Pin-757032

Email :linknamita@yahoo.co.in

Contact No. 9692019017

Aadhaar No. 816329942786

PAN NO. :BECPM2514L

EDUCATIONAL QUALIFICATION

EXAMINATION PASSED	BOARD/ UNIVERSITY	SUBJECTS TAKEN	PERCENTAGE OF MARKS/ CREDITS OBTAINED	YEAR OF PASSING	CLASS/ DIVISION
10th	HSE	Eng, math, Sci, Geo, His, Oriya, Hindi, Work education	66.25%	1999	1 st Class
+2 Science	CHSE Orissa	Eng, Orya, Phy, Che, Bio, Math	44%	2001	3 rd Class
B.Sc	North Orissa	Botany (hons), Zoology, Sericulture, Oriya, English, Industrial Chemistry	66.25% (hons)	2004	1 st Class with distinction
M.Sc	University of Mysore	Sericulture Technology	78.65%	2006	1 st Class with distinction
P.hD (Bioresource and Biomaterial) Agriculture	Zhejiang University, P.R.China	7 papers	14 credits	2014	

Appointments:

SL. No.	Name of the employer	Designation of post	Nature of duties	Date of Joining and pay scale	Project period
01.	Director; CentralTasar Research and Training institute central silk board, Ministry of Textile, Govt. Of India, Nagri Ranchi.	Junior Research Fellow	Working on a CSB Project; “Integrated Farming System in Tasar Culture”.	14-05-2007 To 30-06-2009 8000 Rs Basic +(20%) HRA	Two Years [2007-2009]
02	Executive Director PRADAN New Delhi	Subject matter Specialist in Sericulture	Working on Development Of Mulberry Sericulture	25-07-2009To 05-02-2010 Basic Rs.11000+ 12%P.F.	Discontinued

3	Principal, Seemanta Mahavidyalaya, Jharpokharia, Mayurbhanj, Odisha	Lecturer in Botany	Teaching Botany and environmental Science to +3 students	18-07- 2017 To31-12- 2017 Consolidate d: 7000/-	<i>Completion of Course work.</i>
04	Principal, Seemanta Mahavidyalaya, Jharpokharia, Mayurbhanj, Odisha	Lecturer in Botany	Teaching Botany and environmental Science to +3 students	02-07- 2019 To31-12- 2019 Consolidate d: 7000/-	<i>Completion of Course work.</i>
05	Principal Sri Saisiddhi+3(Degree) Science Residential College, Baripada, Mayurbhanj, Odisha	Lecturer in Botany	Teaching Botany and environmental Science to +3 students	01.09.2021 to 23.05.2023 Consolidate d :- 12000/-	<i>For Joining In University</i>
06	Registrar MSCB University, Takatpur, Baripada, Mayurbhanj, Odisha	Guest faculty in Botany	Teaching Botany to P.G &Pre-P.hD. Students	09.06.2023 To Till Now Consolidate d:- 25000/-	

COMPUTERQUALIFICATION

PGDCA from LCC (Lakhotia Computer Center) Percentage – 82 %

Techniques acquainted with:

1. Sterilization
2. Gel preparation
3. Gel mounting
4. Gel electrophoresis.
5. Restriction Digestion Technique.
6. Southern hybridization
7. PAGE Gel electrophoresis.
8. Amylase assay.
9. DNA extraction.
10. PCR Technique.
11. Southern blotting.
12. Hybridization
13. Grafting
14. Breeding techniques like Gamma ray technique, polyploidy breeding, randomization
15. Mulberry breeding
16. Reeling of silk
17. Preparation of textile
18. Dyeing of textile
19. Testing of quality silk
20. Cocoon production technique
21. Collection and preservation of insects
22. Insectary techniques (Culturing, Breeding and Production of insect.e.g. Uzifly, Housefly etc.)
23. Agroforestry
24. Mechanical properties studying for biomaterial.

25. Fouriour Transformed Infrared Spectroscopy.

26. Differential Scanning Calorimetry.

a. X-RAY diffraction analysis.

27. Preparation of silk-based biomaterial.

28. Electrospinning.

29. Lyphilizing.

Conference attended/ paper presented

- Workshop on Bioinformatics-Central Sericultural Research and Training Institute, Mysore, 14 - 15th Sept. 2005
- National Conference on “Past, present and Future of Silkworm” in the Sponsored OHEPEE-IDP Maharaja Sriram Chandra Bhanja Deo University, Takatpur, Baripada, 22nd & 23rd July 2023.
- National Intellectual Property Awareness Mission, Maharaja Sriram Chandra Bhanja Deo University, Takatpur, Baripada, 18th August 2023.
- Webinar on “Emerging Trends in scholarly publishing with Elsevier”, OSHEC, 15th March 2024.
- Poster Presentation on Science Day, Maharaja Sriram Chandra Bhanja Deo University, Takatpur, Baripada, 28th Feb 2024.

- Poster Presentation on “Biochemical analysis of *Terminolia arjuna* (Roxb. Ex DC.) Wight & Arn. With reference to wild and Cultivated condition), 47th Odisha Botanical Society, Fakir Mohan University, Balasore, 28th & 29th December 2024.

Dissertation paper of M.Sc. Degree

GENETIC ANALYSIS OF SEX EXPRESSION IN MULBERRY (MORUS SPP.) USING MOLECULAR MARKER

Dissertation paper of Ph. D degree

MINERALIZATION AND CHARACTERIZATION OF *Antherea pernyi* SILK PROTEIN.

Number of Publication:12

- Gargi, Surnarayana N., Kumar R., **Namita Mandal**, Singh M.K. and Ram Kishore. Tasar Culture Based Agroforestry system for sustainable utilization of land. International Conference on Trend in Seribiotechnology-2008. Page-72.

- Gargi, N. B. Vijayaprakash, R. Kumar, Namita mandal, khasru Alam and M. K. Singh. Agroforestry technologies in tasar culture for sustainable resource utilization. Proceedings of conference on Integrated Farming System Models for Eastern Region of India, Page No-71-81.

- Gargi, Khasru Alam, Rajendra Kumar, Namita Manadal, S.K. Sinha, M.K. Singh and N. B. Vijayaprakash. Disease tolerance as a parameter for tasar host plant biodiversity. National Workshop on Seri-Biodiversity Conservation, Page No-31.

- **Namita Mandal**, ZHOU Guan-Shan, SHUI Ya-Jun, HE Wen, MIN Si-Jia, YANG Ming-Ying, ZHU Liangjun. Preparation and property characterization of regenerated Tussah silk fibroin powder by urea solvent system, Science of Sericulture, 39(2), (2013), 346-350.

- Yajun Shuai, Guanshan Zhou, **Namita Mandal**, Sijia Min, Liangjun Zhu, Mingying Yang. Growth of hydroxyapatite crystals on *Bombyx mori* (*B. mori*) silk fibroin, *Advanced Materials Research* 796(2013), 43-47.
- Mingying Yang, **Namita Mandal**, Yajun Shuai, Guanshan Zhou, Sijia Min, Liangjun Zhu. Mineralization and biocompatibility of *Antheraea pernyi* (*A. pernyi*) silk sericin film for potential bone tissue engineering, *Bio-Medical Materials and Engineering*, 24(2014), 815-824.
- Mingying Yang, Yajun Shuai, Guanshan Zhou, **Namita Mandal**, Liangjun Zhu. Nucleation of Hydroxyapatite on *Antheraea pernyi* (*A. pernyi*) silk fibroin film, *Bio- Medical Materials and Engineering*, 24(2014), 731-740 .
- Lianxia Deng, Haiping Zhang, Mingying Yang, **Namita Mandal**, Liangjun Zhu. Improving properties of superabsorbent composite induced by using alkaline protease hydrolyzed-sericin (Aph-sericin), *Polymer Composites*, 2014, 509-515.
- H.P. Zhang, X.Y. Wang, S.J. Min, **N. Mandal**, M.Y. Yang, L.J. Zhu. Hydroxyapatite / sericin composite film prepared through mineralization of flexible ethanol-treated sericin film with simulated body fluids, *Ceramics International* 40(2014), 985-991.
- Liyang Shi, Mingying Yang, **Namita Mandal**, Liangjun Zhu. Advance in applied studies of silk fibroin biomaterials in bone regeneration, *Science of Sericulture* 39(2013), 812-819.
- Mingying Yang, Yajun Shuai, Guanshan Zhou, Namita Mandal, Liangjun Zhu, and Chuanbin Mao. Tuning Molecular Weights of *Bombyx mori* (*B. mori*) Silk Sericin to Modify Its Assembly Structures and Materials Formation. *Applied Material & Interfaces* 6(2014), 13782-13789
- S. Murmu, N. Mandal, B.P. Hansdah, Biochemical analysis of *Terminalia arjuna* (Roxb. Ex DC.) Wight & Arn. With reference to wild and cultivated condition) 47th Odisha Botanical Society, Fakir Mohan University, Balasore, 2024, Page No

