CURRICULUM VITAE



DR. MOULIMA MAITY

Aadhar Number: 43xxxxxxxx55

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EDUCATIONAL QUALIFICATIONS

PhD. In Bio-medical Laboratory Science and Management.

Examination	Board/University	School/College	Year of passing	Marks
M.Sc.(Bio-Medical Laboratory Science and Management)	VIDYASAGAR UNIVERSITY(WB)		2014	80.56% 1st(Gold medalist)
Graduation(B.sc) (Zoology)	VIDYASAGAR UNIVERSITY(WB)	Midnapore College	2012	57.5%
Higher Secondary (10+2)	West Bengal Council Of Higher Secondary Education	Moyna Vivekananda Kanya Vidyapith	2009	69.45%
Secondary (10th Standard)	West Bengal Board Of Secondary Education	Moyna Vivekananda Kanya Vidyapith	2007	79.62%

COMPUTER EXPOSURE:

Platforms: - Microsoft office, Adobe photoshop, Image J software, SPSS- statistical software.

SURVEY:

Laboratory Ethics, Laboratory Quality Control, Laboratory Management, Laboratory Bio-safety

TRAINING :

- Two month Training in IMGENEX INDIA Pvt. Ltd. In Biotechnology (Plasmid isolation & agarose gel electrophoresis, PCR, SDS-PAGE & Protein transfer, Western blot, Protein purification by chromatography, Immunohistochemistry, Mouse handling, Cell culture, Cell counting, Demonstration of mammalian cell culture)

- Six months Internship training programme in Midnapore medical college and hospital.

TOTAL EXPERIENCE:

7.5 Years

CURRENT STATUS:

From 01.09.2018 to till now working in the **Haldia Institute of Health Sciences** as an **Assistant Professor.**

PUBLICATION:

1. **Moulima Maity,** Hasina Perveen, Moumita Dash, Suryashis Jana, Shamima Khatun, Arindam Dey, Amit Kumar Mandal and Sandip Chattopadhyay. Arjunolic acid improves the serum level of vitamin B_{12} and folate in the process of the attenuation of arsenic induced uterine oxidative stress. **Biological Trace Element Research.** (2018) 182:78–90. DOI 10.1007/s12011-017-1077-0.
2. Bimal Deb, **Moulima Maity,** Smarajit Maiti, Bappaditya Pan, Hasina Perveen, Moumita Dash, Ashok Kumar Maiti and Sandip Chattopadhyay. Abrogation of Sodium Arsenite Driven Uterine Antioxidant Exhaustion and Tissue Impairment: Role of B12 and Folate. **Journal of Environmental Biology.** 39 (2018).
3. Sandip Chattopadhyay, Shamima Khatun, **Moulima Maity,** Suryashis Jana, Hasina Perveen, Moumita Dash, Arindam Dey, Lipi Rani Jana, Pikash Pratim Maity. Association of Vitamin B_{12}, Lactate Dehydrogenase, and Regulation of NF-κB in the Mitigation of Sodium Arsenite-Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics. **Probiotics & Antimicro. Prot.** DOI 10.1007/s12602-017-9333-3.
4. Hasina Perveen, Moumita Dash, Shamima Khatun, **Moulima Maity,** Sayed Sirajul Islam, Sandip Chattopadhyay. Electrozymographic evaluation of the attenuation of arsenic induced degradation of hepatic SOD, catalase in an *in vitro* assay system by peptic polysaccharides of *Momordica charantia* in combination of curcumin. **Biochemistry and Biophysics reports.** 2017. 11: 64-71.
5. Anusree Sankar Sahu, Durgapada Dolai, Nirmalya Kumar Sinha, Hasina Perveen, Shamima Khatun, **Moulima Maity,** Smarajit Maiti, Sandip Chattopadhyay. An Approach To Managing Leucorrhoea By Life Style Modification And Home Remedies**. Indian Journal of Biological Sciences.** 21 : 10-16, 2015
6. Moumita Dash, **Moulima Maity,** Arindam Dey, Hasina Perveen, Shamima Khatun, Lipi rani Jana and Sandip Chattopadhyay. The Consequence of NAC on sodium arsenite induced uterine oxidative stress. **Toxicology Reports.** 5 (2018) 278–287
7. Shamima Khatun, **Moulima Maity,** Hasina Perveen, Moumita Dash, Sandip Chattopadhyay. Spirulina platensis ameliorates arsenic mediated uterine damage and ovarian steroidogenic disorder. **FACETS**. 2018.
8. Arindam Dey, Sandip Chattopadhyay, Suryashis jana, Mukul Kumar Giri, Shamima Khatun, Moumita Dash, Hasina Perveen, **Moulima Maity**. Restoration of uterine redox-balance by methanolic extract of Camellia sinensis in arsenicated rats. **Acta Biologica Szegediensis**. 2018.
9. Pikash Pratim Maity, Lipi Rani Jana, Bimal Deb, Hasina Perveen, **Moulima Maity**, Shamima Khatun, Sandip Chattopadhyay. Sodium fluoride induced uterine redox imbalance and steroidogenic hazards: dose dependent response. **Fluoride Journal .** 2018.

10. Hasina Perveen, Sandip Chattopadhyay , **Moulima Maity**, Moumita Dash, Syed Sirajul Islam. Involvement of proinflammatory cytokines and metallothionein in the repairing of arsenic-mediated uterine tissue damage by curcumin. J Basic Clin Physiol Pharmacol. 2019 Jun 13;30(4). doi: 10.1515/jbcpp-2017-0179.
11. Pikash Pratim Maity, Moumita Dash, Arindam Dey, **Moulima Maity** & Sandip Chattopadhyay. Vitamin C and E in Fluoride Induced Uterine Oxidative Stress and Apoptotic Gene Expression in Wistar Rats. *Proceedings of the Zoological Society* volume 74, pages189–197 (2021).
12. **Moulima Maity**, Hasina Perveen and Sandip Chattopadhyay. DUAL ROLE OF ARJUNOLIC ACID AND B12 IN MITIGATING SODIUM ARSENITE INDUCED MALFUNCTION OF FEMALE REPRODUCTIVE ORGANS. International Journal of Pharmaceutical Sciences and Research. 2019; Vol. 10(7): 3219-3227.
13. Kingshuk Mandal, **Dr. Moulima Maity**. From Lab to Life: Review of Revolutionizing Conception through IVF. International Journal of Pharmacy and Pharmaceutical Research (IJPPR). 2024; 30(9): 138-143.

14. **Moulima Maity**1*, Kingshuk Mandal2, Pikash Pratim Maity3, Biswajit Chakraborty4 EFFECT OF GINGER AGAINST ARSENIC INDUCED TOXICITY ON HEPATIC ORGAN-A REVIEW. **International Journal of Ayurveda and Pharma Research**. *2025;13(1):1-8.*

15. Kingshuk Mandal, Dipanjan Ghosh, ***Moulima Maity**. Exploring the Therapeutic Mechanism of Tulsi in Traditional and Modern Medicine. **International Journal of Scientific Development and Research**. 2025; 10(11):453-461.

TRAINING PROGRAM/FACULTY DEVELOPMENT PROGRAMME (FDP):

- Sixteen days training program on Advanced Project Management Program from 1st -16th January, 2023 in SUDH BIOCHEM PVT. LTD.
- Seventeen days Short term Quality Control Techniques Refresher course from 10th to 26th April 2023 in SUDH BIOCHEM PVT. LTD.
- Ten Days Training Program/Faculty Development Program on "Advance Tools and Techniques for research Methodology" from 03-12 June 2024 organized by Research Foundation of India.
- Eight days Training Program/Faculty Development Program on "First-hand Experience on SPSS-Introductory Module" from 29 July-05 August 2024 organized by Research Foundation of India & Council of Academic Research and Educational Organization (RFI-CARE).
- Eleven days Training Program/Faculty Development Program on "R PROGRAMMING FOR BUDDING DATA ANALYSIS" from 03-13 November 2025 organized by Research Foundation of India.

- Eleven days Training Program/Faculty Development Program on "R PROGRAMMING FOR BUDDING DATA ANALYSIS" from 20-30 January 2026 organized by Research Foundation of India.

SEMINAR/WORKSHOP/CONFERENCE EXPERIENCE:

- Two Days National Level Seminar on "Trends in Nutrition Research and Education and its Prospect", organized by dept. of Nutrition, Raja N.L. Khan Women's College, Gope Palace, Midnapore, West Bengal, 2016.

- UGC-Sponsored National Symposium on Bioresource Management organized by Faculty of Science, Vidyasagar University, Midnapore, West Bengal, 2016. **Presented a poster** entitled **'ARJUNOLIC ACID FROM ARJUNA TREE CAN ALLEVIATE ARSENIC TOXICITY IN COMBINATION WITH CYANOCOBALAMIN'.**

- National Symposium on Natural Resource Management-2017. Organized by Faculty of Science, Vidyasagar University.

- One Day National Seminar on Health and Ecology: The interaction and interdependence. Organized by Kankabati Rishi Arabinda Rural Development and Social Welfare Institute, Kankabati, Mataldanga, Paschim Medinipur, West Bengal, 2017. **Presented a paper** Entitled **'Mitigation of Arsenic Induced Female Reproductive Toxicity by Arjunolic Acid'.**

- National seminar on nutritional modification in therapeutic diets: new approaches to change the usual dietary trends in the field of nutrition. Organized by Department of nutrition Haldia Institute of Health Sciences, January 2018.

- ICMR sponsored two days national seminer and workshop on " Advanced Diagnostic Approaches in the Field of Medical Laboratory Technology and Management" organized by Dept. Of MLT and Dept. Of Science and Management, HIHS on 17-18 May, 2018. Participated as a Workshop Resource Person.

- One day webinar on "Shahi Poshan, Desh Roshan" to celebrate the National Nutrition Month organized by Dept. Of Nutrition, Haldia Institute of Health Sciences on 21/09/2021.

- One day ' National Seminer on National Education Policy 2020' organized by Haldia Institute of Technology on 22/11/2021.

- National webinar on "Biological Sciences" organized by Centre for Life Sciences of Vidyasagar University on 05/01/2022.

- One day National webinar on "Comperative view of Allied Health Science and Nutrition in Pre and post Independence Period" for the celebration of 'Azadi Ka Amrit Mahotsav' organized by Dept. Of Bio-Medical Laboratory Science and Management, Vidyasagar University on March, 2022.

- One day Workshop on 'Framing of UG Syllabus of 4-yr. BMLT (Hons.) in view of CCFUP (NEP, 2020) organized jointly by Dept. Of BMLS&M &Office of the UG Secretary at Vidyasagar University on 03/09/2024.

- One day National seminar on "Current Nutritional Challenges In India and its Possible Outcome" organized by Dept. Of Nutrition, Haldia Institute of Health Sciences on 11/01/2025, acting as the organizing secretary.

PERSONAL INFORMATION

Name	:	Moulima Maity
Father's Name	:	Manas Kumar Maity
Date of Birth	:	15th February,1991
Blood Group	:	B+
Place of Birth	:	Moyna, West Bengal
Nationality	:	Indian
Sex	:	Female
Languages known	:	English, Hindi, Bengali

Declaration

I hereby declare that the above mentioned information is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particle.

Date
27/03/2026

Signature

Moulima Maity