

## **BIO DATA**

1. **Name:** Dr. Manash Pratim Borah
2. **Father's name:** Sada Nanda Borah
3. **Nationality:** Indian
4. **Address for correspondence:** Department of Zoology  
Nowgong College (Autonomous)  
Nagaon, Assam  
Pin code-782001
5. **Telephone no:** 8414967456 / 9365189762 (mobile)
6. **E-mail address:** [manashpborah30@gmail.com](mailto:manashpborah30@gmail.com)
7. **Academic qualifications:**



EXAMINATIONS	BOARD / UNIVERSITY	YEAR	DIVISION
HSLC	SEBA, Assam	2005	1 <sup>st</sup>
HS	AHSEC	2007	1 <sup>st</sup>
B.Sc (Zoology honours)	Dibrugarh University	2011	1 <sup>st</sup> class 1 <sup>st</sup> position
M.Sc. (zoology)	Gauhati University	2013	1 <sup>st</sup> class
SET	SLET Commission, N.E. Region	2014	
Ph.D	North-Eastern Hill University, Shillong	2021	

8. a. **Teaching experience: 5 years 1 months 14 days on 23/09/2022 (from 09/08/2017 to 23/09/2022).** (As a Assistant Professor in the dept. of Zoology, Pandit Deendayal Upadhyaya Model Govt. College, Amjonga, Goalpara Asam)
- b. **Teaching experience: 24/09/2022 to present (As a Assistant Professor in the dept of Zoology, Nowgong College (Autonomous), Nagaon, Assam (Upgraded to Nagaon University)),**
9. **Extra qualifications:**  
DICA (Diploma in Computer Application) 3 month.  
PGDCA (Post Graduate Diploma in Computer Applications) 1 year duration
10. **Award / Fellowship:**
- Awarded UGC - Post Graduate Merit Scholarship For University Rank Holders at Undergraduate Level (2011-2013)
  - Awarded JRF & SRF under UGC – National Fellowship for OBC, at NEHU, Shillong (2015-2017).

11. **List of Publications in International /National Journals:**

1. Ibanrikynti Turnia, **Manash Pratim Borah** and Surya Bali Prasad (2015). Inhibitory effect of Propolis on onion (*Allium cepa*) root tip meristem cells. Journal of Science. Vol.5(12): 1345-1349
2. **Manash Pratim Borah** and Surya Bali Prasad (2016). Ethnozoological remedial uses by the indigenous inhabitants in adjoining areas of the Pobitora wildlife sanctuary, Assam, India. International journal of pharmacy and pharmaceutical sciences. Vol.8(4):90-96. (Scopus Indexed Journal).
3. Apurba Saikia<sup>1</sup> and **Manash Pratim Borah**<sup>2\*</sup>, Roshan Sarmah<sup>3</sup> and Anima Kutum<sup>4</sup> (2017). Non-Timber Forest Products (NTFPS) and their Role in Livelihood Economy of the Tribal People in Upper Brahmaputra Valley, Assam, India. Research & Reviews: Journal of Botanical Sciences. Vol. 6(1):24-28.
4. **Manash Pratim Borah** and Surya Bali Prasad (2017). Ethnozoological study of animal based medicine used by traditional healers and indigenous inhabitants in the adjoining areas of Gibbon Wildlife Sanctuary, Assam, India. Journal of Ethnobiology and Ethnomedicine. Vol. 13:39-52. (Scopus Indexed Journal).
5. Sangma, G.T., **Borah, M.P.**, Turnia, I and Prasad, S.B.“(2019). Evaluation of Smokeless Tobaccos-induced Hepatotoxicity and Nephrotoxicity in Swiss Albino Mice. Toxicology International. Vol. 25(4): 240-252. (Scopus Indexed Journal).
6. Kabyashree Hazarika, Dibya Jyoti Saikia, **Manash Pratim Borah** (2023): A Study on the Diversity of Butterfly Species in the Adjoining Natural Habitat of an Urbanized Locality of Sipajhar, Assam, India. TWIST, 18(4): 260-264.(Scopus Indexed Journal).
7. **Manash Pratim Borah** and Surya Bali Prasad (2024). Ethnozoological importance of *Eisenia fetida* and experimental validation of its anticancer activity in ascites Dalton's lymphoma (DL) bearing mice. Future Journal of Pharmaceutical Science. 26https://doi.org/10.1186/s43094-024-00600-w (Web of Science Indexed Journal).
8. Bhuban Chandra Chutia<sup>1</sup>, **Manash Pratim Borah**<sup>1</sup>, Ujjal Bordoloi<sup>1</sup>, Lalit Mohan Goswami<sup>1\*</sup>, Saswati Bharadwaj<sup>1</sup>, Meghna Borthakur<sup>1</sup>, Priyanki Sharma<sup>1</sup>, Jyotismita Das<sup>1</sup>, Sarat Borkataki<sup>2</sup> (2024). Qualitative detection of formaldehyde in chalani fish obtained from selected fish markets of Nagaon, Assam, India. Discover Environment. 2:26 https://doi.org/10.1007/s44274-024-00056-y. (Springer Journal).
9. Bhabana Das, **Manash Pratim Borah**<sup>\*</sup>, Lalit Mohan Goswami and Priyanki Sharma (2024). Detection of heavy metal accumulation and potential health risk assessment for two fish species from Kolong River, Nagaon, Assam. Toxicology International. 31(4):1-7. DOI: 10.18311/ti/2024/v31i4/36466
10. Kabyashree Borah, Ujjal Bordoloi, **Manash Pratim Borah**<sup>\*</sup> and Dibya Jyoti Saikia (2024). A Study on the Effects of Glyphosate Toxicity on the Behaviour, Haematology, and Histopathology of Stinging Catfish, *Heteropneustes fossilis* (Bloch), of Assam, India. Toxicology International. 31(4):1-7. DOI: 10.18311/ti/2024/v31i4/43954
11. Najma Khatun<sup>1</sup>, Priyanki Sharma<sup>2\*</sup>, **Manash Pratim Borah**<sup>3</sup>, Kongkon Jyoti Bora<sup>4</sup> (2024). Profenofos induced hepatotoxicity, genotoxicity and haematological abnormalities on freshwater fish *Channa punctatus* (bloch, 1793). Biology Bulletin (Accepted).

## 12. Book chapter:

1. Singh, N and **Borah, M.P.**: Endangered and Medicinally Important Orchids of Northeast India – A short review. Reviews on Environmental Issues. Volume 1. Jagaran Sahitya Prakashan, Dhing, Nagaon. 2017. p-91-99. ISBN- 978-81-2028-827-0.

2. Singh, N and **Borah, M.P.**: Elicitor mediated improvised production of plant secondary metabolites, an effective strategy: A review. Accelerating Science. Vol. 5. **2019** Pp. 93-106. ISBN-978-93-5382-423-5.
3. **Borah, M.P.** and Singh, N.: Bioprospecting of traditionally used insect –as human food and medicine, Special reference to North-east India. Accelerating Science, Vol. 5. **2019** Pp. 38-47. ISBN-978-93-5382-423-5.
4. Ujjal Bordoloi, **Manash Pratim Borah** and Pramathesh Kalita: The prospect of an Integrated Farming System for Food and Nutritional Security and climate resilience with special reference to Assam (North East India). Souvenir: Aconference Book published in connection with the “International Conference on Biodiversity, Food Security, Sustainability and climate change” (ICBFSCC-2023) held at Assam Agricultural University, Jorhat, Assam on April 25-28, **2023**
5. Puspakhi Borah, Ujjal Bordoloi and **Manash Pratim Borah**: Polycystic ovary syndrome among adolescent girls of North-east India: A systematic review and meta-analysis. “Corrent trend and advances in life science research”.Vol. 1. **2024**, PP. 126-139. ISBN-978-81-922432-9-0.
6. Saikia, D., Mahanta, M., Dutta, A., Borah, M.P. and Koushik, K.K. (**2024**). A fundamental Guidebook for Basic Recruitment Test of NHWM for candidates of RWO (Regional Wellness Officer), published by National Healthcare & Wellness Mission (NHWM). ISBN:9-788197-244599.
7. Priyanki Sharma, **Manash Pratim Borah**, Puja Singh, Tabu Kashyap Borthakur, Najma Khatun and Diya Bordoloi. A atudy on Traditional Therapeutic use of Plants and Animal Based Medicine Used by Tiwa Community of Village Barkola of Nagaon, Assam. Traditional Knowledge (Exploring Traditional Knowledge: Bridging Past and Future). **2024**, ISBN: 978-81-19414-94-9.
8. Chiranjeeb Rabha, **Manash Pratim borah**. Plant-derived bioactive compounds and their therapeutic potentials in the treatment of cancer: An updated overview. "New Horizons in Science and Humanities" published bt department of zoology, Goalpara College. **2024** (Accepted).

### 13. Conference /Seminar presented/attended:

1. **Manash Pratim Borah** and Surya Bali Prasad : A study on the indigenous knowledge of zootherapeutic practice in the adjoining areas of Pobitora wildlife sanctuary. DST sponsored National Seminar on Sustainable conservation strategies for bio-resources of northeast India. Department of Botany, Arya Vidyapeeth College, Guwahati, Assam. 6<sup>th</sup> and 7<sup>th</sup> November **2015**.
2. **Manash Pratim Borah** and Surya Bali Prasad : Zootherapeutic uses of animal diversity in traditional medicine by the indigenous people dwelling adjacent to Gibbon wildlife sanctuary, Assam, India. 30<sup>th</sup> march **2016**. Department of Zoology, NEHU, Shillong, Meghalay.
3. **Manash Pratim Borah** and Surya Bali Prasa : Ethnozoological study of animal based medicine used by traditional healers in Mayong circle, Assam, India. 2<sup>nd</sup> and 3<sup>rd</sup> February

2017. Department of Ecology and Environmental Science, Assam University, Silchar, Assam.
4. Participated in Three Days State Level Conference on “Exploring Start up Opportunity & Quality Learning Through NEP 2020”, organized by Pandit Deendayal Upadhyaya Adarsha Mahavidyalay, Tulungia, Bongaigaon from **4<sup>th</sup> March to 6<sup>th</sup> March, 2021**
  5. Puja Singh, Shatabdi Biswas, Priyanki Sharma and **Manash Pratim Borah**: Role of educational institution in entrepreneurship development: Opportunities and challenges with special reference to North-east India. 2 Days National Seminar on Trends and Issues in Quality Higher Education in India with Special reference to North-east India. 19<sup>th</sup> and 20<sup>th</sup> October, **2023** Organized by IQAC, Nowgong College (Autonomous), Nagaon Assam, Supported by NAAC.
  6. **Manash Pratim Borah**. Traditional therapeutic use of the earthworm *Eisenia fetida* and exploration of its anti-tumour potential against Ascites Dalton’s lymphoma cells in Swiss albino mice. International Conference on Traditional Knowledge (Exploring Traditional Knowledge: Bridging Past and Future), Organised by IQAC, Nowgong College (Autonomous), (Upgraded to Nagaon University), in collaboration with Research and Development Cell, Nowgong College (Autonomous), (Upgraded to Nagaon University) from 22<sup>nd</sup> & 23<sup>rd</sup> March, **2024**..

#### **16. Participation as Speaker/Resource Person/External Evaluator/Judge/Convenor**

1. Participated as **External Evaluator** in *Gunotsav 2017 (Phase-III)* in Goalpara District from **04 Jan to 06 Jan, 2018**.
2. Participated as **External Evaluator** in *Gunotsav 2018 (Phase-II)* in Goalpara District from **31<sup>st</sup> Oct to 3<sup>rd</sup> Nov, 2018**.
3. Participated as **Supervising Officer** in HS Final Examination, 2020.
4. Participated as **External Examiner** for the Practical Evaluation of H.S. Final examination at Dalgoma Higher Secondary School, 2021.
5. Participated as **Supervising Officer** in HS Final Examination, 2022.
6. Participated as **External Evaluator** in *Gunotsav 2022* in Goalpara District from **25 April to 27 April, 2022**.
7. Participated as **External Evaluator** in *Gunotsav 2022* in Kamrup (R) District from **23 May to 25 May, 2022**.
8. Participated as **External Evaluator** in *Gunotsav 2024* in Nagaon District from **4 January to 6 January, 2024**.
9. Participated as **Supervising Officer** in HSLC Final Examination, 2024.
10. Participated as **External Evaluator** in *Gunotsav 2025* in Nagaon District from **7 January to 9 January, 2025**.

#### **17. Faculty Development Programme**

1. Participated in *National Level One Week FDP on Development of E-content in Teaching and ICT Based Assessment Tools*”, jointly organized by Mazbat College, Udalguri and BSVS Education Learning Centre, Nagpur, Maharashtra from **12<sup>th</sup> June to 17<sup>th</sup> June, 2020** and successfully completed.

2. Participated in *National Level One Week FDP on “Re-think and Redesign of Curriculum, Teaching methods and Mode of Teaching in Post Covid Scenario”*, jointly organized by, Acharya Nagarjun University, Mumbai, Maharashtra and Young Researchers Forum, Mumbai from **19<sup>th</sup> June to 26<sup>th</sup> June, 2020** and successfully completed.
3. Participated *Two Week FDP programme on “Advance Concept for Developing MOOCS”*, organized by TLC, Ramanujan College, University of Delhi under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT) from **02<sup>nd</sup> to 17<sup>th</sup> July** and successfully completed
4. Participated in *1 week UGC-Approved Short-Term Professional Development Programme* organized by Indira Gandhi National Open University, New Delhi under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT) from **12 to 20 June, 2023** on **‘Implementation of NEP-2020 for University and College Teachers’** and successfully completed with **Grade B**.
5. Participated in 1 week FDP on “NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC), by MMTTCC, Gauhati University, from **05/06/2024 to 14/06/2024** and successfully completed with **Grade A**

#### **14. Orientation / Refresher Programme:**

1. Participated in *OP No.-30*, organized by UGC-HRDC, Mizoram University from **28<sup>th</sup> July to 17<sup>th</sup> August, 2020** and successfully completed with **Grade A**.
2. Participated in *Two- week Interdisciplinary Refresher Course on “Research Methodology and Data Analysis”* organized by TLC, Ramanujan College, University of Delhi under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT) from **17 to 31 May, 2021** and successfully completed with **Grade A**.
3. Participated in *Two- week Refresher Course on “Life Sciences”* organized by TLC, Ramanujan College, University of Delhi in collaboration with Miranda House, University of Delhi under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT) from **01 to 19 September, 2021** and successfully completed with **Grade A+**
4. Participated in *5<sup>th</sup> Faculty Induction Programme*, organized by UGC-HRDC, Mizoram University from **02<sup>nd</sup> to 29<sup>th</sup> November, 2022** and successfully completed with **Grade A**.
5. Participated in *Two- week Refresher Course on “Zoology”* organized by TLC, Ramanujan College, University of Delhi in collaboration with Harmal Panchakroshi Shikshan Mandal’s Ganpat Parsekar College of Education Vidya Sankul, Bhom Plateau, Harmal, Goa, under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMSTT) from **16 to 30 September, 2023** and successfully completed with **Grade A**.

#### **19. Course/Workshop Participated:**

1. Application of Bioinformatics Tools in Genome and Proteome Analysis. Bioinformatics Infrastructure Facility, C.V.Sc., A.A.U., Khanapara, Guwahati. 8<sup>th</sup> to 11<sup>th</sup> December 2015.

2. Nucleic acid based amplification technique. State biotech hub, C.V.Sc., A.A.U., Khanapara, Guwahati. 5<sup>th</sup> to 9<sup>th</sup> January 2016.
3. Short-term Course in Life Sciences (With special reference to Nano Science). UGC-Academic Staff College, NEHU, Shillong. 1<sup>st</sup> August to 6<sup>th</sup> August, 2016.
4. Participated in *Three-days' Workshop on Stress Management by Effective Teaching Methods*, organized by UGC-HRDC, North-Eastern Hill University, Shillong from **05 Mar to 07 Mar, 2018**.
5. Participated in *One day State-level Workshop on NAAC Assessment and Accreditation*, organized by IQAC, PDUAM Dalgaoon, Assam on **02 Nov, 2021**.

**20. Member of National/International Professional Bodies:**

1. Life Member of Assam Science Society (Membership no. 6623).
2. Life Member of **UNESCO** (No. I/NC/MB/06/22)