

CURRICULUM VITAE

Dr. Manas Pratim Boruah, M.Sc., M.Phil & Ph.D

Assistant Professor (Stage 2)

Dept. Of Chemistry,

Dhemaji College

Dhemaji-787057, Assam

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CORRESPONDING ADDRESS: Dr. Manas Pratim Boruah
Assistant Professor
Dept. Of Chemistry
Dhemaji College
Dhemaji-787058, Assam

DETAILS OF RESEARCH DEGREES:

1. **M. Phil (2009)** : Evaluation of Antioxidant Properties of some Leafy Vegetables, Plant Based Food Additives and Traditional Beverages of North East India.
2. **Ph. D (2013)** : Studies on Antioxidant and Antimicrobial Activities of Some Traditional Medicinal Plants and Preserved Food Additives of North East India.

TEACHING EXPERIENCE:

Assistant Professor of Chemistry (from September, 2014 to present) at Dhemaji College, Dhemaji, Assam.

PROFESSIONAL EXPERIENCE:

JRF in UGC SAP-DRS I sponsored project entitled '*A scientific study of medicinal properties of some unexplored ethno-medicinal plants of North East India*' from March, 2009 to April, 2011 in the Department of Chemistry, Dibrugarh University.

INTERNATIONAL/ NATIONAL CONFERENCE/ SYMPOSIUM ATTENDED/PAPER PRESENTED:

1. **M. P. Boruah (2020)**, *Antioxidant Behavior of Some Ethnomedicinal Plants of Dhemaji District, Assam, India presented in 65th Annual Technical Session of Assam Science Society, National Conference on Emerging Trends in Science and Technology NCETST-20 held at Assam Down Town University, Guwahati, Assam, India.*

2. **M. P. Boruah** and J. G. Handique (2019), *Correlation between the Antioxidant Activities and Total Phenolic Contents in Some Ethno Medicinal Plants of Dhemaji District*, presented in *an International Multidisciplinary Research Conference on Biodiversity, Climate Change, Physical and Life Sciences* held at DHSK College, Dibrugarh, Assam during 21-22 January, 2019.
3. **M. P. Boruah** and J. G. Handique (2012), *Correlation study of radical scavenging properties and total phenolic contents of some medicinal vegetables of North East India and their RP-HPLC analysis*, presented in the **18th ISCB International Conference (Post: ISCB-2012)** on Perspective and Challenges in Chemical and Biological Sciences: Innovation Cross Roads held at IASST, Guwahati during 28-30 January, 2012.
4. **M. P. Boruah** and J. G. Handique (2012), participated in the DBT sponsored **National Seminar** on *Biotechnology Research in Sustainable Development* held at Centre of Studies in Biotechnology, Dibrugarh University during 27-28th February, 2012.
5. **M. P. Boruah** and J. G. Handique (2011), *Evaluation of Superoxide anion radical Scavenging activities of some Indigenous Vegetables of North East India*, presented in the **National Seminar** on Recent Advances in Synthesis and Catalysis, RASC-2011 held at Department of Chemistry, Dibrugarh University during February 10-12, 2011.
6. **M. P. Boruah** and J. G. Handique (2011), *A Correlation Study between the Antioxidant Activities and the Total Phenolic Content in Some Indigenous Medicinal Vegetables of North East India*, presented in the **International Conference** on Emerging Areas of Chemistry, ICEAC-2011 held at the Department of Chemistry, Tripura University, Tripura during 12-14th January, 2011.
7. **M. P. Boruah**, D. Mahanta and J. G. Handique (2009), *Screening of Radical Scavenging Activity of Some Leafy Medicinal Vegetables and Herbal Preserved Food Additives of North East India by Cyclic Voltammetry*, presented in the **National Seminar** on Recent Advances in Chemical Sciences held at Department of Chemistry, Dibrugarh University during March 26-27, 2009.
8. **M. P. Boruah** and J. G. Handique (2009), *“Assessment of Antioxidant Potential of Some Indigenous Medicinal Vegetables and Herbal Preserved Food Additives of North East India”*, presented in the **96th Indian Science Congress Association (ISCA)** held at North Eastern Hill University (NEHU), Shillong during 3-7 January, 2009.
9. D. Mahanta, K. S. Borgohain, **M. P. Boruah** and J. G. Handique (2008), presented in the **12th International Conferences** on the Interface of Chemistry-Biology in Biomedical Research organized by Indian Society of Chemist and Biologists (ISCB) held at Birla Institute of Technology and Science (BITS), Pilani during 22-24 February, 2008.

WORKSHOP ATTENDED/PARTICIPATED:

1. Participated in the State level One Day Workshop on Examination Process and Evaluation System Under CBCS at UG Level, held on organized by Assam College Teachers' Association & Dhemaji Zone (ACTA) In collaboration with Moridhal College, Moridhol, Dhemaji, Assam

2. Participated in the UGC SAP DRS I sponsored workshop on *Drugs Precursors from Natural Resources* held on 29th March, **2011** organized by the Department of Chemistry, Dibrugarh University.
3. Participated in the UGC sponsored workshop on *Prospects of Natural Product Research in North-East India* held on 13th March, **2009** organized by the Department of Chemistry, Dibrugarh University.
4. Participated in the UGC sponsored workshop on *Green and Sustainable Chemistry* held on 28th March, **2008** organized by the Department of Chemistry, Dibrugarh University.

LIST OF PUBLICATIONS:

A. Journals:

1. Vinod Kr. Verma, **Manas P. Boruah** and others, *Wound Healing Activity of Aqueous and Ethanolic Extract of Houttuynia Cordata Leaves Indigenous to North East india*, Journal of Biomedical and Pharmaceutical Research (Peer Reviewed), Vol. 4 (3), May-June, 2015, 25-31.
2. Vinod Kr. Verma, **Manas P. Boruah** and others, *Wound Healing Activity of Ethanolic Extract of Solanum spirale Leaves Indigenous to North East India*, Journal of Drug Discovery and Therapeutics (Peer Reviewed), Vol. 3 (30), July, 2015, 01-06.
3. Chandan Tamuly, Moushumi Hazarika, Sarat Ch. Borah, Manash R. Das, and **Manas P. Boruah**, *In-situ biosynthesis of Ag, Au and bimetallic nano particles using Piper pedicellatum C.DC: Green chemistry approach*, *Colloids and Surfaces B: Biointerfaces* 102, 627– 634, 2012 (**IF-3.456**, Elsevier).
4. Jyotirekha G. Handique*, **Manas Pratim Boruah** and Dipika Kalita, *Antioxidant Activities and Total Phenolic and Flavonoid Contents in certain Indigenous Medicinal Vegetables of North East India*, *Natural Product Communications*, Vol. 7(8), 1021-1023, 2012 (**IF-1.24**, International).
5. **Manas Pratim Boruah**, Dhrubajyoti Mahanta and Jyotirekha G Handique*, *Comparative Evaluation of Antioxidant Activities of some Fresh and Preserved herbal products of North East India by Cyclic Voltammetry*, *Indian Journal of Natural Products and Resources*, Vol. 3(1), 40-47, 2012 (ISSN:0976–0512).
6. J. G. Handique*, M. Hazarika, **M. P. Boruah** and P. K. Gogoi, *Antioxidant Activities of some North East Indian ethno medicinal plants by Cyclic Voltammetry*, *National Academy Science Letters*, Vol. 34, No. 3&4, 83-91, 2011 (**IF-0.211**, Springer).

B. BOOK Chapters:

1. **Manas Pratim Boruah**, *Methodology of Rice Beer Preparation and various Ethno Medicinal Plants used in Starter Culture Preparation by some Traditional Communities of Dhemaji, Assam: A Report*, Recent Advances in Chemical Research: A Theoretical and Experimental Approach, (**2022**). Editors: Dr. Devajani Boruah and DR. Malabika Borah. LAP LAMBERT Academic Publishing.

2. **Manas Pratim Boruah**, *Ethnomedicinal Plants of Dhemaji District and Their Biological Activity*, Contemporary Research in Chemistry (2021). page no.149, Editors: Dr. Kandarpa Phukan and Dr. Shiva Prasad Das, Red'shine; ISBN: 978-93-89840-85-8.
3. **Manas Pratim Boruah**, *Antioxidants: The Modern Elixire*, Recent Advances in Scientific Research (2018), page no. 121, Editors: Dr. Devajani Boruah and Dr. Archana Borah, GIRIN publication. ISBN: 9736601592.

ACADEMIC STAFF COLLEGE: ORIENTATION/ REFRESHER/OTHER COURSES ATTENDED:

Sl. No.	Programme	Duration	Organised by
01.	UGC approved Short Term Professional Development Programme on Implementation of NEP-2022 for Unoiversity and College Teachers	12-20 June, 2023	IGNOU, Staff Training and Research Institute of Distance Education, New Delhi
02.	Faculty Development Programme on Academic Writing and Publication	01-07 November, 2022	Teaching Learning Centre, Tezpur University in association with Sivsagar Girls' College and Duliajan College
03	Refresher Course in Environmental Sciences (Inter/Multi-Disciplinary) (Online)	09-22 November, 2021	UGC-HRDC, Goa University
04	FDP on Recent Trends in Educational Technology	24-28 September, 2021	IQAC, College of Basic Science and Humanities, Odisha University of Agriculture and Technology, Bhubeneswar-3, Odisha
05	Refresher Course (Special Summer School)	20 th July – 2 nd August, 2021	UGC, HRDC, Mizoram University
06	FDP on Research Methodology and Project Writing	07-11 July, 2021	Institutional Development Plan (IDP, OHEPEE) Cell, Rama Devi Women's University, Vidya Vihar, Bhubeneswar-751022, Odisha, India
07	FDP on Online Evaluation System	22-28 June, 2021	Teaching Learning Centre, Tezpur University in association with IQAC, Nagaon College(Autonomous)
08	National level one week FDP on Aspects of pedagogical re-design and online teaching learning process	15 th - 21 st July 2020	IQAC, Dhemaji College

09	Virtual FDI (V-FDI) on Challenges & Opportunities in Post Covid-19 Pandemic Phase: Focusing Teaching, Research & Innovation	7 th - 13 th June, 2020	Faculty of Pharmaceutical Science, Assam Down Town University, Guwahati, Assam
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PERSONAL DETAILS :

Name : Dr. Manas Pratim Boruah
 Father's Name : Shri Nila Chutia
 Mather's Name : Mrs. Urmila Boruah
 Spouse's Name : Mrs. Dulumoni Borah
 Date of Birth : 01/05/1983
 Place of Birth : Vill: - Bapakhat,
 P.O.- Phukanarhat, Lakhimpur,
 PIN-787052, Assam
 Category : MOBC
 Sex : Male
 Marital Status : Married
 Permanent Address : Vill.- Bapakhat, P.O.- Phukanarhat
 P.S.: Panigaon, Dist.- Lakhimpur
 Assam, India, PIN-787052

DECLARATION:

I hereby declare that all the information's here in above are true and correct to the best of my knowledge and belief.

Place: Dhemaji

(Manas Pratim Boruah)