

## INDIVIDUAL TEACHER'S PROFILE



- 1) Name(In Capital): **DR. HEMEN CHANDRA MAJUMDAR**
- 2) Designation: **Assistant Professor**
- 3) Contact No. & Email id: **9864056909, majumdar\_h@rediffmail.com**
- 4) Educational Qualifications: **M Sc., B. Ed., Ph. D**

| Degree                | Year | University         | Specialization                                  |
|-----------------------|------|--------------------|---|
| MA/ <b>MSc</b> /M.Com | 2000 | Gauhati University | Plant physiology & biochemistry                 |
| M. Phil/ <b>B.Ed</b>  | 2001 | Gauhati University | Method subjects-General science, Social studies |
| PhD                   | 2009 | Gauhati University | Algal biochemistry                              |

B) Title of the Thesis (M. Phil/**PhD**/ Both): Isolation and characterization of Carotenoids and Poly Unsaturated Fatty Acids from natural and cultured green algae *Glaucozystis nostochinearum* Itzigsohn and *Oocystaenium elegans* Gonzalves et Mehra.

5) Teaching Experience in year(s): 04 Years

6) Area (s) of Interest: Algal biochemistry, Plant tissue culture, Molecular biology, Plant physiology

7) Publication(s):

A) Research Paper (s): Name of author(s), Year, Title, Name of Journal (in italic format), Volume No. / Page No.

1. **H. C. Majumdar**, J. Shyam, S. P. Borah, B. C. Goswami. 2011, Fatty Acids from natural and cultured green algae *Glaucozystis nostochinearum* Itzigsohn. in Pro. Internel Sem. CCG, on "Bioresources and Human Sustenance" ISBN:979-93-82384.
2. **H. C. Majumdar**. 2011, Isolation and characterization of Carotenoids and Poly Unsaturated Fatty Acids from natural and cultured green algae *Glaucozystis nostochinearum* Itzigsohn and *Oocystaenium elegans* Gonzalves et Mehra". Summary of Doctoral Theses, Vol. III, ACTA, ISBN 978-81-920635-2-2.
3. J. Shyam, N. Bhattacharyya, **H. C. Majumdar**, 2012, An Enumeration of Fern Flora of Silghat, Assam. Journal of Advanced Plant Sciences, Vol. 6, No. 1&2, ISSN:09719350.
4. J. Shyam, **H. C. Majumdar**, D. K Jha, 2012, Litter decomposition of *Maikania micrantha* (L) an obnoxious weed of North East India. Ciencia botanica 1:1, ISSN: 2278-7410.
5. J. Shyam, **H. C. Majumdar**, 2013, Anaerobic digestion of obnoxious weed *Maikania micrantha* (L) for production of Bio-energy. Delve, Vol. 2, No. 2, 2013. ISSN: 2278-7402
6. **H. C. Majumdar**, J. Shyam, 2013, Studies on Indigenous herbal remedies for Jaundice in Nalbari district of Assam Plant Archives, Vol.13. No.2,.ISSN 0972-5210, NAAS rating:3.05.

7. **H. C. Majumdar**, D. Bokolial, 2003, Amino acid composition of pollen grains of *Datura stramonium*, *Hibiscus rosa-sinensis* and *Cucurbita pepo*. Environment and Ecology, 21(2), .ISSN 0970-0420
8. D. Bokolial, **H. C. Majumdar**, 2003, Pollen morphological studies in some species of *Solanum*. Plant Archives, Vol.3. No.2, ISSN 0972-5210
9. J. Devi, **H. C. Majumdar**, 2003, A study of Pteridophytic flora of Byrnihat and Umtru area of Meghalaya State. Plant Archives, Vol.3. No.2, ISSN 0972-5210.

B) Books (Authored/Edited): Name of author(s), Year, Book Name, Name of Publisher (in italic format)

1. Co-author of the book SHIKSHYAKAR JOGYATA PARIKSHYA (TET) published by CHANDRA PRAKASH, Guwahati-1, ISBN:978-81-244-0157-6.

C) Chapter: Name of Book, Year, Book Name, No. of the Chapter (in italic format), Name of Publisher (in italic format): Not applicable.

8) Conference/Seminar/Workshop/Symposium (Participation/Paper Presentation): Year, Name, Institution, Title of paper (in italic format), Oral/Poster.

1. Attended the National Seminar on “Bioresources of North East India: Industrial Potentials and Intellectual Property Rights Issues” held at Nowgong College, Nagaon from 2-3 January, 2009 and presented a paper entitled “Litter decomposition of *Mikania micrantha* (L): An obnoxious weed of North East India”.
2. Completed training course on “Bioinformatics for Research Scholars and Teachers involved in undergraduate teaching in Life Science and Biotechnology” held at Cotton College, Guwahati on February 11&12, 2009.
3. Attended the National Seminar on “Exploration, utilization and strategy action plan for sustainable management of plant resources” organized by Department of Botany, Gauhati University, Guwahati from February 27-28, 2009.
4. Participated in the National Symposium on “Biodiversity of Assam: Status, Development and Conservation” organized by Assam Science Society, from December 4-5, 2010.
5. Participated in the Training Programme on “Molecular Biology and Plant Tissue Culture: Tools, Techniques and Technological Interventions, organized by The Energy and Resources Institute (TERI), New Delhi, India from 27<sup>th</sup> Dec. to 8<sup>th</sup> Jan. 2011.
6. Participated in the National Seminar on “Conservation and Utilization of Resources in North-East India” organized by Department of Geography, Nowgong College, Nagaon from 10-11 January, 2011.
7. Attended the “International Seminar on Bioresources and Human Sustenance ” held at Cotton College from 20-22 October, 2011 and presented research paper entitled “ Fatty acid composition of the green alga *Glaucocystis nostocheanurum* Itzigsohn”.
8. Attended the National symposium on “Microorganisms and Plant Health and 24<sup>th</sup> Annual General Meeting of Indian Phytopathological Society (Eastern Zone -2011)” organized by Department of Botany, Gauhati University, Guwahati from November 4-5, 2011.
9. Participated in the “National Seminar on “Socio-economic and Institutional Feasibility of Utilization of Water Resources in NE India” held at B. Borooh College, Guwahati on February 18 and 19, 2012.

10. Participated in the National Seminar on “Role of Asam Sahitya Sabha in the Development of language, literature & Culture of the North East India” held at B. Borooah College, Guwahati on April 27 and 28, 2012.
11. Participated in the Workshop on “Disaster Risk Reduction in School & Colleges” Organised by the Assam State Disaster Management Authority on 8<sup>th</sup> May 2012.
12. Participated in the National Workshop on “The Effect of Mobile Phone Radiation on Human and Animal Health as well as on the Environment” Organised by A.D.P. College, Nagaon, Assam on 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> October, 2012.
13. Participated in DBT sponsored work shop on “Advanced Molecular Biology Techniques” organized by Department of Biotechnology, Gauhati University on November 19-25, 2012.
14. Participated in State level workshop on “Re-structuring Undergraduate Curriculum and Discussion on UGC Guidelines and Government Rules and Regulations” organized by ACTA, Kamrup-A Zone on December 1, 2012.
15. Attended the “National Seminar on Plant Resources of NE Region and their Bioprospecting” held at Department of Botany, Gauhati University on 30<sup>th</sup> March 2013, and presented research paper entitled “Chromatographic analysis of amino acids composition in a few species of Solanaceae”.
16. Attended the National Seminar on “Writing Social History of Science, technology and medicine in NE India” and presented a paper entitled “Traditional health care system of Tai-Duonia in Sibsagar, Assam” organized by Department of History, Nowgang College, Assam on 24-25 Sept.2013.
17. Attended the “International conference on Harnessing Natural Resources for Sustainable Development: Global Trends” held at Cotton College, Guwahati on 29<sup>th</sup> -31<sup>st</sup> January, 2014, and presented research paper entitled “Isolation and culture of *Anabaena cycadae* from coralloid roots of *Cycas pectinata* Griff.”.

9) Award/Distinction:

10) Professional Membership:

| Name of Organization       | Life Member/Annual |
|----------------------------|--------------------|
| Botanical Society of Assam | Life member        |