

INDIVIDUAL TEACHER'S PROFILE



- 1) Name(In Capital): **DR. MANOJ BARTHAKUR**
- 2) Designation: **Assistant Prof.**
- 3) Contact No. &Email id: **(99542-07368 barthakurm@yahoo.com)**
- 4) Educational Qualifications:

Degree	Year	University	Specialization
B.Sc	1990	Gauhati University	Botany (Major)
M.Sc	1993	Gauhati University	Microbiology
PhD	1999	Gauhati University	Microbiology

B) Title of the Thesis (PhD): **Growth and active product formation optimization studies of anti fungal, insecticidal soil bacteria.**

5) Teaching Experience in year(s): **13 years**

6) Area (s) of Interest: Microbial bioactive metabolites, plant-microbe inter-action

7) Publication(s):

A) Research Paper (s):

Barthakur M and Goswami N (2010). *Pythium* -induce damping-off disease suppression through a fungicide producing strain *pseudomonas aeruginosa*. *Journal of Adv. Plant Sc.* **5**: 22-28

C) Chapter:

a. Barthakur M (2012). Agricultural Application of Beneficial Rhizobacterial Strains in Crop Improvement and Disease Suppression. **Quest**. Nivedita Publication 41-53. Guwahati (ISSN No.978-81-923225-0-6).

b. M. Barthakur (2012). Investigation of certain microbial metabolites with special references to their bioactivity for plant growth promotion and pest management. **Quest**. Nivedita Publication, 222-241. Guwahati. (ISSN No.978-81-923225-0-6.)

8) Conference/Seminar/Workshop/Symposium (Participation/Paper Presentation):

- a. **Barthakur M** and Savapandit P (2009). Fungicidal insecticidal and plant growth promotion properties of a strain of *Proteus* Spp. National Seminar on Exploration, utilization and strategy action plan for sustainable management of plant resource. Held in Guwahati University during 27-28 Feb. 2009.
- b. **Barthakur M** and Majumdar H C (2009). 2-Oxoisocaproate, a typical siderophore of the genus *Proteus* RRLJ B70 mediated plant growth promotion and disease suppressin. National Seminar on Bioresource of Northeast India. Held in Nowgong College, during 2-3 January 2009.

10) Research Project:

Major/Minor	Funding Agency	Title of the Project	Principal Investigator(s)	Date of implementation	Date of Completion
Minor Project	UGC.	."investigation of certain microbial metabolites with special references to their bioactivity for plant growth promotion and pest management"	Dr. Manoj Barthakur	2009	2011

11) Professional Membership:

Name of Organization	Life Member/Annual
Assam Botanical Society	Life Member