

Name: **Dr. Phani Dutta**

Date of birth: **01-12-1961**

Residential address: **Bakul Path, Near Journalist Colony, Jankpur, Kahilipara, Ghy-19**

Telephone: **9864160947 (M)**

E-mail: **duttaphani16@gmail.com**

Qualification: **M.Sc., PhD**

Date of Joining: **16-01-1993**

Present position: **Associate Professor**

**Educational Qualification**

Name of Examination	Board/University	Year	Rank	Division
HSLC	SEBA	1976		II
PU	GU	1978		II
B.Sc	GU	1983		II
M.Sc.	GU	1987		I
PhD	GU	2002		

Ph.D topic:

**“Studies on the physico-chemical characteristics of surface water, sediment and ground water and bio accumulation of heavy metal in Eichhornia crassipes of greater Guwahati”**

Area of interest: **Environment Chemistry**

Publications:

**02 Nos of chapters in books**

**02 Nos of Research papers (In international Journal)**

**Name of books:**

1. Thoughts on environment with reference to north east India,(Fluoride in ground water of Guwahati--how to deal with the menace), **P. Dutta**, H. Baruah, 53-78, ISBN 978-93-81-563-16-8.
2. Summery of doctoral thesis, ( Studies on the physico-chemical characteristics of surface water, sediment and ground water and bio accumulation of heavy metal in Eichhornia crassipes of greater Guwahati,) **P. Dutta**, , 87-94, ISBN 978-81-920635-5-4

**Publications:**

1. **P. Dutta**, Fluoride removal efficiencies of some nano and bulk materials, Res. J. Chem. Environ. **2014**, 18, 62-69.
2. K. P. Sarma and **P. Dutta**, Studies on the bio-accumulation of heavy metals in Eichhornia crassipes grown in polluted water bodies of greater Guwahati, Proceedings of ICCE-2005, 345-349.

### **Research project:**

**Two minor research projects completed.**

1. A Study of accumulation of heavy metals in water and aquatic plants in some parts of greater Guwahati.
2. Study of ground water quality with special reference to dissolved chloride and heavy metal concentration of Kamrup district (Metro)

### **Participation in corporate life:**

- (i) **Member of examination branch**
- (ii) **Teacher's in-charge in students union**
- (iii) **Secretary of AVCTU**
- (iv) **President AVCTU**
- (v) **Member of Purchasing committee**
- (vi) **President ACTA-Kamrup Metro zone**

### **Membership:**

- a) **Fellow member of International Congress of Chemistry and environment**
- b) **Life member, Assam Science Society**
- c) **Life member of Society for chemical education, Assam**

### **Other information:**

1. Participated orientation course, 1989, Gauhati University.
2. Participated in refresher's course in Fundamental concept of information technology, 2002, Tezpur University.
3. Participated in refresher course on low cost instrumentation, 1997, Delhi University.
4. Participated in refresher course in Chemistry, 2000, Gauhati University.

### **Presentation of research Paper in International/National seminar:**

#### **International Seminar:**

a) Participated and presented a scientific paper entitled “**Studies on the Bio-accumulation of heavy metals in Eichhornia Crassipes grown in polluted water bodies of Greater Guwahati**” in International congress of chemistry and environment, held at **Indore**, India, (2005).

b) Participated and presented a scientific paper entitled “**GIS base Concentration pattern of Fluoride ion in groundwater of Guwahati city, (ASSAM, INDIA)**” in International congress of chemistry and Environment ICCE-2009 held at **Thailand**.

### **National seminar:**

- a) Participated and presented a scientific paper entitled “**Accumulation of heavy metal in water and aquatic plant samples collected from beel, pond, canal and river etc of greater Guwahati**” in Annual Technical session of Assam science society, held at RRL, Jorhat.
- b) Participated and presented a scientific paper in “National Symposium on Current trends in Chemical Research” held at Department of Chemistry, Gauhati University.

### **Participated in Work shop/ Seminar**

- a) Participated in seminar-cum-workshop on “Renewable Energy in North East India With special Reference to Bioenergy Technology” held at Handique Girls’ College, Guwahati, ASSAM.
- b) Participated in national conference on “**low cost instrumentation**” organized by B.Borooah College in collaboration with CPDHE, Delhi & UGC Regional Centre, Guwahati.
- c) Participated in “**Frontier Lecture Programme**” held at IIT, Guwahati.
- d) Participated in “Faculty Development Program” organized by ICFAI held at Guwahati.

e) Participated as **Resource person** in teachers' training workshop on Science and Mathematics teaching in secondary school of ASSAM, sponsored by MHRD, Govt. of India.

f) Participated in workshop on "Assam College Management Rules" and "UGC Regulation" held at Pandu College, Guwahati.