

**MANDAKINI DUTTA**  
M.Sc. Organic Chemistry, Ph.D.

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**Permanent address**

A.T Road, Amolapatty,  
Near Joy Printer's Press,  
Ward No: 9,  
Sivasagar-785640,  
Assam, India.

**Mobile**

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**Email**

dutta\_dipi@yahoo.co.in

**Date of Birth:** 15.01.1984

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**Present occupation**

Assistant professor (1<sup>st</sup> January, 2015 to till date)  
In the department of Chemistry,  
Dibru College  
Dibrugarh, Assam.

**Past occupation**

In the department of Herbal science and Technology,  
Anandaram Dhekial Phookan College (ADP College)  
Nagaon, Assam.

**SUMMARY**

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- Objective is to seek a career in a challenging environment dealing in Research and development wherever my skills and ideas can be utilized effectively both for personal growth and organizational profitability.
- Well versed with computer skill set.
- Presently working in Dibru College, Dibrugarh, Assam as an assistant professor.

**ACADEMIC PROFILE**

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- Ph.D. from Dibrugarh University
- M.Sc. in Organic Chemistry from Gauhati University, Guwahati, Assam with 74.5%.
- B.Sc. in Chemistry from Sivasagar Girls College, Dibrugarh University with 78.4 %.
- H.S from Assam Higher Secondary Education Council, Assam with 67.0%
- HSSLC from SEBA, Assam with 76.1%
- CSIR-NET qualified

- GATE qualified

## **WORK EXPERIENCE**

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### **Research Experience**

**(June 2007 to July 2013)**

**Research Institute:** CSIR-NEIST Jorhat, Assam

**DESIGNATION:** Senior Research Fellow

**Thesis Title** – ‘Studies on azasteroids and their analogues utilizing newer synthetic methodologies’

**Ph. D. Research Supervisor**

Dr R C Boruah

Outstanding Scientist and Area Coordinator

In CSIR-NEIST, Jorhat, Assam

Email ID: rc\_boruah@yahoo.co.in

Cell: +91-9435353744

### **Teaching Experience**

**(August 2013 to till date)**

**1. Teaching Institute:** Anandaram Dhekial Phookan College (ADP College), Nagaon, Assam

**Department:** Herbal Science and Technology

**2. Teaching Institute:** Dibru College, Dibrugarh, Assam

**Department:** Chemistry

## **RESPONSIBILITY /ACHIEVEMENT**

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- National Child Scientist award in National Children Science Congress, 1993, 1994.
- Getting merit scholarships after class 10 board exams from Assam Government.
- Jadav Prasad and Debabala Chaliha Trust award, 2005
- Junior Research Fellowship and Senior Research Fellowship awarded by Council of Scientific and Industrial Research (CSIR), India, on the basis of National Eligibility Test (NET).
- First class 1<sup>st</sup> rank in the B.Sc. Examination, 2004, Dibrugarh University
- First class 6<sup>th</sup> rank in the M.Sc. Examination, 2006, Gauhati University

## **LIST OF PUBLICATIONS**

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- Microwave-promoted and Lewis acid catalysed synthesis of steroidal A- and D-ring fused 4,6-diarylpyridines  
**Dutta, M.;** Saikia, P.; Gogoi, S.; Boruah, R. C.\* *Steroids*, **2013**, 78, 387.
- Facile ultrasound-assisted synthesis of 3,4-dihydropyrimidin-2(1H)-one/thione fused steroidal derivatives by a three-component reaction  
**Dutta, M.;** Gogoi, J.; Shekarrao, K.; Goswami, J.; Gogoi, S.; Boruah, R. C.\* *Synthesis*, **2012**, 44, 2614.
- Microwave promoted synthesis of cycl[3.2.2]azines in water via a new three-component reaction  
Gogoi, S.; **Dutta, M.;** Gogoi, J.; Boruah, R. C.\* *Tetrahedron Lett*, **2011**, 52, 813.
- A facile three-component solid phase synthesis of steroidal A-ring fused pyrimidines under microwave irradiation  
Barthakur, M. G.; Gogoi, S.; **Dutta, M.;** Boruah, R. C.\* *Steroids*, **2009**, 74, 730.

- Microwave promoted and Lewis acid catalysed synthesis of 2,4,6-triarylpyridines using urea as benign source of ammonia  
Borthakur, M.; **Dutta, M.**; Gogoi, S.; Boruah, R. C.\* *Synlett*, **2008**, 3125.

### **Symposia/Conferences attended**

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- Oral presentation at the International Conference on Emerging Trends in Biochemistry at Nalbari College, 2024
- Oral presentation at the International Conference on Emerging Trends in Chemistry at Assam Don Bosco University, 2023
- Oral presentation at the National Conference on Current Developments in science and technology at Bhattadev University, 2023
- Participated in the Online Faculty Development Programme on Intellectual Property Rights organized by IIT Gauhati, 2021
- Poster presentation at the International Conference on Integrating chemical, biological and Pharmaceutical Science for Innovation in Health care at Nirma University, 2020
- Poster presentation at the 20<sup>th</sup> CRSI National Symposium in Chemistry at Gauhati University, 2017
- Poster presentation at the International symposium on recent advances in Chemistry at NEHU, Shillong, India; 2015
- Poster presentation at the 16<sup>th</sup> CRSI National Symposium in Chemistry at IIT, Mumbai, India; February, 2014.
- Poster presentation at the 15<sup>th</sup> CRSI National Symposium in Chemistry at BHU, Varanasi, India; February, 2013.
- Poster presentation at the 17<sup>th</sup> Post-ISCB International Conference at Institute of Advanced Study in Science & Technology, Guwahati, India ; January, 2012.
- Poster presentation at the 13<sup>th</sup> CRSI National Symposium in Chemistry at National Institute of Science Education and Research, Bhubaneswar, India; February, 2011.
- Poster presentation at the 14<sup>th</sup> ISCB International Conference at Central Drug Research Institute, Lucknow, India; January, 2010.
- Poster presentation at the 11<sup>th</sup> CRSI National Symposium in Chemistry at National Chemical Laboratory, Pune, India; February, 2009.
- Poster presentation at the National Seminar on Recent Advances in Chemical Sciences at Dibrugarh University, Dibrugarh, Assam, India; March 2009

### **DECLARATION**

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I hereby declare that the above mentioned particulars are true to the best of my knowledge.

Mandakini Dutta