

CONTACT  
INFORMATION

Assistant Professor(contractual)  
Department of Mathematical Sciences  
Tezpur University, Assam, India, 784028.

Mobile: +91 7896809545  
E-mail: deepaks@tezu.ernet.in  
Website: www.tezu.ernet.in

## EDUCATION

M.Sc., Mathematics, 2014.

- Department of Mathematics, Gauhati University, Guwahati, Assam, India.

B.Sc., Mathematics (Major), 2012.

- B.Borooah College, Affiliated to Gauhati University, Guwahati, Assam, India.

10+2 Board, 2008.

- B.Borooah College, Affiliated to AHSEC, Guwahati, Assam, India.

10<sup>th</sup> Board, 2006.

- Guwahati Refinery High School, Affiliated to SEBA, Assam, India.

AWARDS AND  
RECOGNITIONS

- Qualified NET JRF in Mathematical Sciences held on 21st Dec, 2014.
- Qualified SLET(NE) in Mathematics held on 16th Nov, 2014.
- Qualified GATE in Mathematics held on 31st Jan, 2015.
- Best oral presentation award in Research Conclave'18 held during 8-11 March, 2018 organized by IIT Guwahati.
- Dr. Amala Bezboruah Memorial Award 2013 for securing highest CGPA in first two semesters in M. Sc.

PROFESSIONAL  
EXPERIENCE

- Teaching Assistant - School of Engineering, Tezpur University, Assam, from January 2018 to June 2018.
- Teaching Assistant - School of Engineering, Tezpur University, Assam, from July 2016 to December 2016.
- Part-time Lecturer - Department of Mathematics, Tihu College, Nalbari, Assam, from August 2014 to October 2014.

TECHNICAL/PROGRAMMING  
SKILLS

- MATLAB
- Python
- Sage
- Wolfram Mathematica
- C Language
- $\text{\LaTeX}$
- Microsoft Office

RESEARCH  
PUBLICATIONS

- [1] Convex and quasiconvex functions on trees and their applications,  
*Linear Algebra and its Applications* ( ELSEVIER), 533 (2017) 210-234.  
Co-authors: R.B. Bapat, D.Kalita and M.Nath  
Five year Impact Factor: **1.043**  
Citation Count: **2**

COMMUNICATED  
PAPERS

- [2] On Pareto eigenvalue of distance matrix of a graph.  
Co-author: M. Nath
- [3] On the maximal distance spectral radius of trees.  
Co-authors: S. S. Boss and M. Nath

CONFERENCES  
ATTENDED/ORAL  
PRESENTATIONS

- Oral presentation at "Research Conclave'18", held during March 8-10, 2018 at IIT Guwahati.
- Oral presentation at "A National Conference on Engineering Mathematics" held during December 16-17, 2017 at IIT Kharagpur.
- Oral presentation at "National Conference on Advances in Science, Engineering & Technology" held during November 10-11, 2017 at GMIT, Tezpur.

WORKSHOPS /  
SCHOOLS  
ATTENDED

- Annual Foundation School-I, December 1-29, 2015, organized by the Department of Mathematical Sciences, Tezpur University, Assam.
- National Workshop on Matrices and Graphs, January 2-7, 2017, organized by Department of Mathematics, Sikkim Manipal Institute of Technology, Majitar, Sikkim.
- Publishing Connect Workshop, March 5, 2016, conducted by Elsevier in association with Gauhati University, Assam.

PERSONAL  
DETAILS

- Date of birth:- 28<sup>th</sup> March, 1990.
- Gender:- Male.
- Caste:- General.
- Marital Status:-Unmarried.
- Father's Name:- Mr. Kartik Sarma.
- Mother's Name:- Mrs. Ranjana Sarma.
- Permanent Address:- No 2 Bapujinagar, Noonmati, Pin: 781020, Guwahati, Assam.
- Language proficiency: English, Hindi, Assamese (Mother tongue).

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