

**CONTACT  
INFORMATION**

Assistant Professor (on contract)  
Department of Mathematical Sciences  
Tezpur University, Napaam  
PO Box 784028  
Assam, India.

*Mobile:* 9854581311  
*E-mail:* som@tezu.ernet.in  
somnath.paul60@gmail.com

**EDUCATION**

PhD, Mathematical Sciences, 2014.

- Tezpur University, Assam, India.
- Thesis Title: *On distance spectral radius and Laplacian matrices of graphs.*
- Supervisor: Dr. Milan Nath, Professor, Department of Mathematical Sciences, Tezpur University, Assam, India.
- Area of Study: Spectral Graph Theory.

MSc, Mathematics, August 2008.

- 1<sup>st</sup> class 1<sup>st</sup> position with 85% marks.
- Department of Mathematics, Gauhati University, Guwahati, Assam, India.

BSc, Mathematics (Honors), Physics and Statistics, July 2006.

- 1<sup>st</sup> class 11<sup>th</sup> position with distinction and 63.4% marks in Honors.
- Bholanath College, (Under Gauhati University) Dhubri, Assam, India.

HS, Physics, Chemistry, Mathematics, June 2003.

- 2<sup>nd</sup> division with 54.6% marks.
- Sishupathsala H.S. School, (Under AHSEC) Dhubri, Assam, India.

HSLC, June 2001.

- 1<sup>st</sup> division with 70% marks.
- Vivekananda Vidyapith High School, (Under SEBA) Dhubri, Assam, India.

PROFESSIONAL  
EXPERIENCE

1. Assistant Professor (on contract) - Department of Mathematical Sciences, Tezpur University, Assam, from 17/12/2015 till date.
2. Assistant Professor (ad-hoc) - Department of Mathematical Sciences, Tezpur University, Assam, from 05/02/2014 to 15/12/2015.
3. Assistant Professor (contractual) - Department of Mathematics, NIT Silchar, Assam, from August 2013 to January 2014.
4. Teaching Assistant - School of Engineering, Tezpur University, Assam, from January 2011 to June 2012.
  - MS 103 under Dr. Nayandeep Deka Baruah [Spring 2011].
  - MS 103 under Dr. Dhiren Kumar Basnet, Dr. Bipul Kumar Sarmah and Dr. Debajit Kalita [Spring 2012].

RESEARCH  
PUBLICATIONS IN  
REFERRED  
JOURNALS

- [1] S. Paul, On distance and distance Laplacian spectra of corona of two graphs, *Discrete Mathematics, Algorithms and Applications*, 8 (2016) DOI: 10.1142/S1793830916500075 (**Publisher:-World Scientific, Citation Quotient: 0.12**).
- [2] M. Nath, S. Paul, On the spectra of graphs with edge-pockets, *Linear and Multilinear Algebra*, 63 (2015), 509–522 (**Publisher:-Taylor & Francis, Impact factor: 0.738, Citation Quotient: 0.52**) [Cited by-2, Source: Google scholars].
- [3] M. Nath, S. Paul, On the distance Laplacian spectra of graphs, *Linear Algebra and its Applications*, 460 (2014), 97–110 (**Publisher:-Elsevier, Impact factor: 0.939, Citation Quotient: 0.76**) [Cited by-8, Source: Google scholars].
- [4] M. Nath, S. Paul, On the distance spectral radius of trees, *Linear and Multilinear Algebra*, 61 (2013), 847–855 (**Publisher:-Taylor & Francis, Impact factor: 0.738, Citation Quotient: 0.52**) [Cited by-19, Source: Google scholars].
- [5] S. S. Bose, M. Nath, S. Paul, On the maximal distance spectral radius of graphs without a pendent vertex, *Linear Algebra and its Applications*, 438 (2013), 4260–4278 (**Publisher:-Elsevier, Impact factor: 0.939, Citation Quotient: 0.76**). [Cited by-7, Source: Google scholars].
- [6] S. Paul, On the maximal distance spectral radius in a class of bicyclic graphs, *Discrete Mathematics, Algorithms and Applications*, 4 (2012), DOI: 10.1142/S1793830912500619 (**Publisher:-World Scientific, Citation Quotient: 0.12**) [Cited by-6, Source: Google scholars].
- [7] S. S. Bose, M. Nath, S. Paul, On the distance spectral radius of cacti, *Linear Algebra and its Applications*, 437 (2012), 2128–2141 (**Publisher:-Elsevier, Impact factor: 0.939, Citation Quotient: 0.76**) [Cited by-10, Source: Google scholars].

- [8] M. Nath, S. Paul, On the distance spectral radius of bipartite graphs, *Linear Algebra and its Applications*, 436 (2012), 1285–1296 (**Publisher:-Elsevier, Impact factor: 0.939, Citation Quotient: 0.76**) [Cited by-30, Source: Google scholars].
- [9] S. S. Bose, M. Nath, S. Paul, Distance spectral radius of graphs with  $r$  pendent vertices, *Linear Algebra and its Applications*, 435 (2011), 2828–2836 (**Publisher:-Elsevier, Impact factor: 0.939, Citation Quotient: 0.76**) [Cited by-27, Source: Google scholars].
- [10] M. Nath, S. Paul, Graph transformation and distance spectral radius, *Discrete Mathematics, Algorithms and Applications*, 5 (2013), DOI: 10.1142/S1793830913500146 (**Publisher:-World Scientific, Citation Quotient: 0.12**).
- [11] M. Nath, S. Paul, On the minimal distance spectral radius in the class of bicyclic graphs, *Discrete Mathematics, Algorithms and Applications*, 6 (2014) DOI: 10.1142/S1793830914500141 (**Publisher:-World Scientific, Citation Quotient: 0.12**). [Cited by-1, Source: Google scholars]
- [12] M. Nath, S. Paul, A note on the distance spectral radius of some graphs, *Discrete Mathematics, Algorithms and Applications*, 6 (2014) DOI: 10.1142/S1793830914500153 (**Publisher:-World Scientific, Citation Quotient: 0.12**).

#### AWARDS AND RECOGNITIONS

- Awarded INSPIRE Fellowship (JRF) by the Department of Science and Technology, New Delhi, India, June 2011.
- Qualified SLET (NE Region), 2013.
- Recipient of the Institutional Fellowship at Tezpur University, Tezpur, Assam, India, from August 2010 to March 2011.
- 6<sup>th</sup> Dr. Amala Bezbaruah Memorial Award-2007 given by Dr. Amala Bezbaruah Trust, Gauhati University, 2008.

#### WORKSHOPS / SCHOOLS ATTENDED

- North East ISI-TU spring school on selected topics in algorithms, organized jointly by Advanced Computing and Microelectronics Unit (ACMU), Indian Statistical Institute, Kolkata & Department of Computer Science and Engineering, Tezpur University during 21<sup>st</sup> to 23<sup>rd</sup> March 2011, at Tezpur University, Assam.
- Workshop on Analysis, organized jointly by Theoretical Statistics and Mathematics Unit (SMU), Indian Statistical Institute, Kolkata & Department of Mathematical Sciences, Tezpur University during 3<sup>rd</sup> to 9<sup>th</sup> January 2012, at Tezpur University, Assam.

## SKILL SET

- Programming Languages & Miscellaneous Tools:
  - C, MATHEMATICA, MATLAB, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office.
- Operating System Environments:
  - Microsoft Windows family.

## PERSONAL DETAILS

- Date Of Birth:- 26<sup>th</sup> January, 1986.
- Gender:- Male.
- Languages Known:- : (i) Bengali (R-W-S) (ii) English (R-W-S)  
(iii) Assamese (R-W-S) (iv) Hindi (R-S).
- Marital Status:- Married.
- Father's Name:- Sri Subhas Ranjan Paul.
- Mother's Name:- Smt. Bina Paul.
- Permanent Address:- Shantinagar, Pallimangal, Ward No-13, PO Box 783323, Dhubri, Assam, India.

\* \* \*