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Date of Birth: 21st October, 1987

Academic

April, 2017-	**Assistant Professor**, *Tezpur University, Assam*.
November, 2016- March, 2017	**Visiting Scientist**, *Indian Statistical Institute, Delhi, India*.
2011–2016	**Ph.D. in Mathematics**, *Indian Institute of Technology Guwahati, India* .
2009–2011	**Masters of Science**, *Vivekananda University, India*, (CGPA 8.2). Branch: Mathematics
2006–2009	**Bachelor of Science**, *Presidency College, Kolkata (Calcutta University)*, (69.6 %), West Bengal. Honours in Mathematics.
2004–2006	**Higher Secondary**, *West Bengal Council of Higher Secondary Education*, West Bengal, (84.2%). Specialization in Science.
2004	**Secondary**, *West Bengal Board of Secondary Education*, West Bengal, (88.25%).

Ph.D. (2011-2016)

Thesis Title	***A study of class number of real quadratic and cubic Fields***
Supervisor	Prof. Anupam Saikia
	Thesis submitted on June 2016
	Thesis defended on October 2016

Awards

2010	Qualified CSIR-JRF with AIR 32 in the Joint CSIR-UGC National Level Test in Mathematics.
2011	Qualified GATE, with AIR 98 in the National Level Test in Mathematics
2009	Qualified JAM, with AIR 62 in the National Level Test in Mathematics

Research

Area of Research

- Class groups and fundamental units of number fields

Research Interests

- Class groups and class number of number fields
- Fundamental Units of a number field
- Elliptic Curves
- Iwasawa Theory
- Class Field Theory

Research Publication

Journal Publication

J1 Debopam Chakraborty and Anupam Saikia, "Another look at real quadratic fields of relative class number 1", Acta Arithmetica, Vol. 163, Issue 4, pp. $371 - 377$, 2014.

J2 Debopam Chakraborty and Anupam Saikia, "On relative class number and continued fractions", Bull. Korean Math. Soc., Vol. 52, Issue 5, pp. $1559 - 1568$, 2015

J3 Debopam Chakraborty and Anupam Saikia, "Congruence relations for the fundamental unit of a pure cubic field and its class number", Journal of Number Theory, Issue 166, pp. $76 - 84$, 2016

J4 Debopam Chakraborty and Anupam Saikia, "An explicit construction for unramified quadratic extension of bi-quadratic fields", Acta Arithmetica, Accepted, 2016

Seminar and Talk Presentation

Dec 2016 **Post-Doc Talk**, *On Class Number of Number Fields*, Seminar Series, ISI Delhi.

Dec 2016 **Post-Doc Talk**, *On Class Number of Number Fields*, Conference on the computational aspect of BSD-conjecture, ICTS Bangalore.

July 2013 **Research Scholars' Seminar Series**, *On the proof of Fermat's Last theorem for regular primes*, Indian Institute of Technology, Guwahati.

January 2015 **Research Scholars' Seminar Series**, *An explicit construction of infinitely many quadratic fields of even class number from the rational points of elliptic curves of rank greater than equal to 1*, IIT Guwahati, Guwahati.

Workshops and Conferences

8 - 15 December, 2014 **First China - Indo number theory conference on theoretical and computational aspects of elliptic curves**, *Beijing International Center for Mathematical Research, Peiking University, Beijing, China*.

Teaching (Tutorial)

Jul-Nov, 2015 **MA101**, *Linear Algebra and Real Analysis*, Indian Institute of Technology, Guwahati.

Jan-Apr, 2015 **MA201**, *Multi-variable Calculus and Ordinary Differential Equation*, Indian Institute of Technology, Guwahati.

Jul-Nov, 2014 **MA101**, *Linear Algebra and Real Analysis*, Indian Institute of Technology, Guwahati.

Jan-Apr, 2014 **MA201**, *Multi-variable Calculus and Ordinary Differential Equation*, Indian Institute of Technology, Guwahati.

Jul-Nov, 2013	**MA101**, *Linear Algebra and Real Analysis*, Indian Institute of Technology, Guwahati.
Jan-Apr, 2013	**MA201**, *Multi-variable Calculus and Ordinary Differential Equation*, Indian Institute of Technology, Guwahati.
Jul-Nov, 2012	**MA101**, *Linear Algebra and Real Analysis*, Indian Institute of Technology, Guwahati.

Administrative Work

- Former Member of Student Academic Board, IIT Guwahati.
- Former Student Representative, Department Postgraduate Programme Committee, Dept. of Mathematics, IIT Guwahati.
- Former Student Head, Research Scholars' Forum (RSF), Dept. of Mathematics, IIT Guwahati.
- Core Organizing Committee member, Research Conclave, IIT Guwahati, 2015.

References

- Prof. Anupam Saikia
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  Guwahati - 781 039, India.
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- Prof. Sujatha Ramdorai
  1984, Mathematics Road,
  Department of Mathematics
  University of British Columbia
  Vancouver, V6T1Z2,
  Canada.
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  Chhatnag Road, Jhusi Allahabad 211 019, India.
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