

## BIO-DATA

1. Name (In Block Letters) : DR. JONALI BORA
2. Father's Name/Mother's Name : MR. MOHENDRA BORA
3. Department : Mathematics
4. Educational Qualification : M. Sc., PhD.
5. Current Institution where Working : Dibru College, Dibrugarh
6. Current Designation & Grade Pay : Assistant Professor stage III
7. Date and Place of Birth : 01.03.1977
8. Sex : Female.
9. Marital Status : Married
10. Nationality : Indian
11. Category : General
12. Permanent Address (with pin code) : Vill. – Sundar Nagar P.O. – Khelmati  
Dist. – Lakhimpur, Assam, Pin:787031

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### 13. Academic Qualifications ( HSLC till Post Graduation):

<b>Examination</b>	<b>Name of the Board/ University</b>	<b>Year of Passing</b>	<b>Division / Class / Grade</b>	<b>Percentage of Marks</b>	<b>Subjects</b>
H.S.L.C.	SEBA, Assam	1992	I	<b>71.4</b>	Eng., Ass., Socil Sc., Math., Adv. Math.
Intermediate (10+2)	A.H.S.E.C	1994	I	<b>61</b>	Eng.,Ass., Ph., Chem., Math., Bio.
B.Sc.	G.U.	1997	II	<b>54.7</b>	Math (Major), Phy, Eng., Stat.
M.Sc.	Tezpur University	1999	I	<b>76</b>	Mathematics

14. Research Degree (S)

Degree	Title	Date of Award	University
Ph.D.	Contribution to Ramanujan's Theta Functions & Modular Equations.	23.04.2007	Tezpur University

15. Academic Staff College Orientation/Refresher Course/ Summer School/ any other course attended:

Name of the Course	Place	Duration	Sponsoring Agency
OP	Academic Staff Collage, Gauhati University	From Jan 24 to Feb 20, 2011	UGC
RC, Environmental Science (ID)	Academic Staff Collage, Gauhati University	From 24 Dec to Jan 13, 2013	UGC
RC , Mathematics	Accademic Staff Collage, Gauhati University	From Feb 9 to March 1, 2015	UGC
GIAN Course	Tezpur University	From July 25 to August 06, 2016	MHRD

16. Published Papers

(i) NEW PROOFS OF RAMANUJAN'S MODULAR EQUATIONS OF DEGREE 9, PUBLISHED IN *INDIAN JOURNAL OF MATHEMATICS*, VOLUME 47, NUMBER 1, APRIL, 2005, ISSN-0019-5324

- (ii) MODULAR RELATIONS FOR THE NONIC ANALOGUES OF THE ROGERS-RAMANUJAN FUNCTIONS WITH APPLICATIONS TO PARTITIONS', PUBLISHED IN JOURNAL OF NUMBER THEORY,128(2008)175-206, ISSN-0022-314X
- (iii) SOME NEW PROOFS OF MODULAR RELATIONS FOR GOLLNITZ GORDON FUNCTIONS, THE RAMANUJAN JOURNAL, PUBLISHED IN JOURNAL OF NUMBER THEORY, ISSN-1382-4090
- (iv) FURTHER ANALOGUES OF THE ROGERS-RAMANUJAN FUNCTIONS WITH APPLICATIONS TO PARTITIONS, PUBLISHED IN COMBINATORIAL NUMBER THEORY, OCTOBER 27-30, 2005, ISBN 978-3-11-019029-8.
- (v) RAMANUJAN'S MODULAR EQUATION OF DEGREE 5, PUBLISHED IN PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCE ( MATHEMATICAL SCIENCE),122(2012) 485-506, ISSN-0283-4142

#### 17. Published Articles

1. CRIPTOGRAPHY: INTRODUCTION, APPLICATION AND SCOPE IN INDIA, PUBLISHED IN *SCIENCE GALAXY, DIBRU COLLEGE (2014), ISBN 978-93-82283-67-6*

#### 18. Paper Presentation

1. BAYESIAN STATISTICS IN RANKING MULTI-CRITERIA ALTERNATIVES, PRESENTED IN UGC SPONSORED NATIONAL SEMINAR ON RECENT TRENDS IN MATHEMATICS AND ITS APPLICATIONS, 7<sup>TH</sup> & 8<sup>TH</sup> OCTOBER, 2013, DIBOI COLLEGE.
2. STATISTICS FOR EFFECTIVE LIBRARY MANAGEMENT, PRESENTED IN UGC SPONSORED NATIONAL SEMINAR ON E-RESOURCES MANAGEMENT IN LIBRARIES, 18<sup>TH</sup> &19<sup>TH</sup> FEBRUARY, 2017, NORTH LAKHIMPUR COLLEGE.
3. A STATISTICAL LOOK ON CAUSES OF BIODIVERSITY LOSS IN ASSAM, PRESENTED IN UGC SPONSORED NATIONAL SEMINAR ON BIODIVERSITY OF NORTH EAST INDIA: CONSERVATION AND MANAGEMENT, 3<sup>RD</sup> &4<sup>TH</sup> FEBRUARY, 2017, NORTH LAKHIMPUR COLLEGE.

19. Teaching Experience

Sl	Name of the Institute	From.....to..... Specify period of teaching	Status of the Institute Whether affiliation from University received or not
1.	<b>DIBRU COLLEGE</b>	<b>18-04-2008 TO PRESENT</b>	<b>YES</b>