

BIO-DATA

1.Name: Dr. Bhabesh Das

2. Designation : Assistant Professor

3.Institution: Arya Vidyapeeth College (Affiliated by Gauhati University)

4. Contact address:

Department of Mathematics, Arya Vidyapeeth College,
Gopinath Nagar , Guwahati – 781016, Assam, India.
Email: mtbdas99@gmail.com

5.Education:

- Ph.D from Gauhati University, Assam, Year: 2017
- Ph.D Thesis Title: A Study on Perfect Numbers and Associated Arithmetic Functions
- M.Sc. in Mathematics from Gauhati University, Guwahati, Assam , Year: 2011.
- B. Sc. in Mathematics (Major) from Cotton College, Guwahati, under G.U., Year: 2009.

6. Honors and Awards:

- Qualified SET (NE-2013)
- Qualified GATE – 2012 (All India Rank-210)
- WIPRO BPO Award for Academic Excellence, during the year 2008

7.Teaching Experiences: 07 years

- Assistant Professor, Mathematics in Present Institute from 16th September, 2017
- Assistant Professor, Mathematics in B.P.Chaliha College, Kamrup, Assam from 25th June, 2014 to 15th September, 2017

8. Research Experiences: 07 years

9. Research Interest: My area of specialization is Number Theory

My research interests include:

- Arithmetic Functions,
- Generalized notion of Perfect Numbers
- Searching Odd Perfect Numbers
- Class Numbers
- Cyclotomic Field

10. Participation in Orientation / Refresher Courses:

- (a) 41st Orientation Programme HRDC, NEHU, Shillong from 22nd May to 18th June, 2017

11. Participation in Workshop / Seminar:

[a] Research paper entitled “ On unitary divisors sum functions”, Presented in National Conference on “Advances in Mathematical Sciences-2016”, organized by Department of Mathematics, Gauhati University from 22nd December to 23rd December, 2016.

[b] Participated in “Publishing Connect Workshop” conducted by Elsevier, at Gauhati University on 5th March, 2016 organized by the Department of Mathematics, Gauhati University.

[c] Research paper entitled “On Near-Hyper perfect Numbers”, Presented in National Conference on “Mathematics and its Application -2016”, organized by Department of Mathematics, Cotton College State University, Assam from 21st October to 22nd October, 2016.

[d] Research paper entitled “On Fuzzy number linear programming problem ”, Presented in UGC sponsored National seminar, organized by B.P.Chaliha College, Assam from 27th October to 28th October, 2016.

[e] Participated in training programme on “Free Open Source Software (FOSS) and Spoken Tutorial” organized by School of Technology, Assam Don Bosco University, Assam collaboration with IIT Bombay on 2nd December, 2015.

[f] Research paper entitled “On multiplicative near perfect numbers” , Presented in National seminar on “advanced in Mathematical Science-2015”, organized by Assam Academy of Mathematics & Department of Mathematics, Gauhati University on 22nd December, 2015.

[g] Research paper entitled “On T^* T-perfect numbers and their relations” Presented in UGC Sponsored National Seminar on “Recent Trends in Mathematics & its Application, 2013”, organized by Digboi College, Digboi from 7th October to 8th October , 2013.

[h] Research paper entitled “On number theoretic function” Presented in UGC Sponsored National Seminar organized by D. C. B Girl’s College, Jorhat, from 30th August to 31st August, 2013.

[i] Research paper entitled “ On Composition of some arithmetic functions”, Presented in National Conference on Mathematics Commemorating Birth Anniversary of Srinivasa Ramanujan organized by GIMT on 23rd December, 2013.

[j] Participated in “ One Day Symposium on the Occasion of National Mathematics Year” organized by Department of Mathematics, Gauhati University on 22nd September, 2012.

[k] Participated in the Workshop on “ Algebra and Number Theory” organized by Department of Mathematics, Tezpur University from 22nd December to 26th December, 2010.

12.Book : An Overview on Perfect Number and Partition Theory (Year : 2013)

13. Research Publications:

[a] B. Das and H.K. Saikia, Some Aspects of Certain Form of Near Perfect Numbers, International Journal of Discrete Mathematics, 2017; 2(3): 64-67. (Science Publishing Group, USA) , DOI: 10.11648/j.dmath.20170203.12.

[b] B. Das and H. K. Saikia, On the Sum of Unitary Divisors Maximum Function, AIMS Mathematics, 2017, 2(1): 96-101. (Aims Press, USA), DOI:10.3934/Math.2017.1.96.

[c] B. Das and H. K. Saikia, On Near 3-Perfect Numbers, Sohag Journal of Mathematics, 2017, 4(1), 1-5. (Natural Sciences Publishing Corporation, USA) , DOI:10.18576/sjm/040101 .

[d] B. Das and H. K. Saikia, On Abundancy Index of Some Special Class of Numbers, Sohag Journal of Mathematics, 2017 , 4(2), 37-40. (Natural Sciences Publishing Corporation, USA), DOI: 10.18576/sjm / 040202.

[e] B. Das and H. K. Saikia, On Maximum Function associated with $\Omega(n) = \frac{n\varphi(n)}{2}$, Journal for Algebra and Number Theory Academia, 2016, 6(2), 87-93. (Mili Publication)

[f] B. Das and H. K. Saikia, Identities for Near and Deficient Hyperperfect Numbers, Indian Journal in Number Theory. 2016, (3), 124-134.

[g] B. Das and H. K. Saikia, On generalized multiplicative perfect numbers, Notes on Number Theory and Discrete Mathematics, 2013, 19(4), 37-42. (Academic Publishing House of the Bulgarian Academy of Sciences)

[h] B. Das, A Remark on Arithmetic Function χ^* , International Journal of Mathematical Archive, 2013, 4(6), 148-150.

[i] B .Das, Some Aspects of Perfect and Generalized Perfect Numbers, International Journal of Mathematical Archive, 2013, 4(6), 118-123.

[j] B. Das, On Arithmetic Functions, Global Journal of Mathematical Science: Theory and Practical., 2013, 5(2) , 117-122.

14. Reviewer: International Journal of Discrete Mathematics
