

Dr. Himadri Nayak

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Education

IIT Guwahati

PH.D. FROM DEPARTMENT OF MATHEMATICS

Assam:781039

August 2009- September 2015

- **Thesis Title:** On the Multiset of Factors of a String
- **Thesis URL:** <http://gyan.iitg.ernet.in/handle/123456789/791>
- **Date of Viva Voce:**18-01-2017

IIT Guwahati

M.Sc. IN MATHEMATICS AND COMPUTING

Assam:781039

July 2007- May 2009

- CPI 7.9

University of Calcutta

B.Sc. IN MATHEMATICS

Belur Math, Howrah:711202, West Bengal

July 2004-June 2007

- Aggregate 57%
- College- Ramkrishna Mission Vidyamandira

Experience

ICFAI University Tripura

ASSISTANT PROFESSOR

Tripura 799210

November 2015 - July 2017

IIIT Bhagalpur

ASSISTANT PROFESSOR

Bhagalpur 813210

July 2017 - present

COURSES TAUGHT

Program	Subject(s)		Program	Subject(s)
B.Tech.	Calculus of single variable, Calculus of several variables, Ordinary Differential Equations	Linear Algebra, Complex analysis Discrete Mathematics	MCA	Discrete Mathematics
M.Sc.	C-Programming (with LAB)	Complex Analysis	BCA	Mathematics-I

Administrative and other experiences

- Deputy Examination Coordinator, ICFAI University Tripura, 2016-17.
- University Class Time Table Scheduling, ICFAI University Tripura, 2016-17.
- Syllabus and Course Structure formation of M.Sc. in Mathematics, ICFAI University Tripura, 2016.
- Maintenance of the Grading Software and Student Marks Database, 2016-17.
- Formation of an online system to track University Admission, ICFAI University Tripura, 2017.
- In charge Academic Affairs, IIIT Bhagalpur, 2019.
- Examination Coordinator, IIIT Bhagalpur, 2017-19.
- Class Time Table Scheduling, IIIT Bhagalpur, 2017-19.
- Developing a Python based Library Transaction Management Application, IIIT Bhagalpur, 2018-19.
- Co-ordinated the 2nd, 3rd and the 4th Academic Committee(Ad-hoc) Meeting of IIIT Bhagalpur.

Organised

Co-director	Lecture Series by Prof. Jiten C. Kalita on "Repeated and Multiple Integrals with Applications, Change of Variables",	<i>January, 2018</i>
Co-director	Lecture Series by Prof. Prof. S.N.Bora on "Series Solution of ODEs",	<i>March, 2018</i>
Center Co-director	Indian Air Force Entrance Examination by Astric CDAD ATC Patna,	<i>16th and 17th Feb, 2019</i>

Publication

(1) On multiset of factors of a word

KALPESH KAPOOR AND HIMADRI NAYAK

Year: 2013

<http://dx.doi.org/10.1016/j.ip1.2012.09.010>

Information Processing Letters

Vol: 113 No: 5

Pages: 78-80

Honors & Awards

June, 2009	NET , UGC	<i>JRF</i>
December, 2008	NET , LS	<i>Lectureship</i>
2007	JAM , Rank 141	<i>Entrance for M.Sc. in IIT</i>

Attended

WORKSHOP/CONFERENCE/SEMINAR/FDP

Research Promotion Workshop on Introduction to Graph and Geometric Algorithms

IIT GUWAHATI

21-23 October, 2011

Faculty Development Program(FDP)

ICFAI UNIVERSITY TRIPURA

6-10 June, 2016

FDP on Discrete Mathematics and its Application in Engineering

TRIPURA INSTITUTE OF TECHNOLOGY, AGARTALA

TEQIP-II Sponsored

26-28 October, 2016

Technical Skill Details

Documentation

MATHEMATICAL DRAWING AND WRITING

- MS office 2007,2013 (Word, PowerPoint, Excel)
- Open Office/ Libre Office(Writer, Impress, Draw)
- Inkscape, Gimp, Xfig, Dia
- LATEX (Both MIKTEX and TEXLIVE)

Programming

HAD EXPERIENCE IN PROGRAMMING USING THESE PACKAGES

- MATLAB, OCTAVE
- C-programming (BorlandTurbo-C++ 4.5, Codeblocks)
- JAVA(Netbeans)
- Python

Scheduling

TIMETABLE MANAGEMENT FOR AN EDUCATIONAL INSTITUTE

- ASC timetables

Declaration

I do hereby declare that above particulars of information and facts stated are true, correct and complete to the best of my knowledge and belief.

Dr. Himadri Nayak