

**Bio Data of Dr. Diganta Hatibaruah, Professor,  
Mechanical Engineering Department, Jorhat Engineering College**

---



**1. NAME** : **DR. DIGANTA HATIBARUAH**

**2. FATHER'S NAME** : Late Padma Kumar Hatibaruah

**3. DATE OF BIRTH** : 31<sup>st</sup> August 1971

**4. ADDRESS**

- a) Permanent : Parijat Nagar, Pub Bongal Pukhuri  
Jorhat – 785 001, Assam, India
- b) Residential : Parijat Nagar, Pub Bongal Pukhuri  
Jorhat – 785 001, Assam, India
- c) Office & Mailing : Professor  
Mechanical Engineering Department  
Jorhat Engineering College  
Garmur, Jorhat, Assam – 785 007  
India
- d) Phone Number : 9954486973 (M), 8638990292 (M)
- e) Email : dhbaruah@gmail.com

**5. PRESENT POSITION HELD** : Professor  
Mechanical Engineering Department  
Jorhat Engineering College  
Garmur, Jorhat, Assam – 785 007  
India

**6. AREAS OF INTEREST** : Drying technology, Fluid Machinery, Material Science

**7. COURSES TAUGHT:**

**UG Level**

1. Fluid Machinery
2. Power Plant Engineering
3. Material Science
4. Mechanics of Materials

## 8. EDUCATIONAL PROFILE:

Examination	Institution/Board/ University	Year	Division/ Class
HSLC Examination	Balya Bhavan H.S.School Board of Secondary Education, Assam	1987	1st Division
AHSE Examination	Cotton College AHSE Council	1989	1st Division
B.E. (Mechanical Engineering)	Jorhat Engineering College / Dibrugarh University	1993	1st Class
M. Tech. (Cryogenic Engineering)	Indian Institute of Technology, Kharagpur	2000	
PhD	Tezpur University	2014	<b>Title of Thesis:</b> Investigation of Microwave Assisted Hot Air Drying Behaviour of CTC Tea ( <i>CAMELLIA ASSAMICA</i> ) Guided by: Dr. D.C.Baruah, Tezpur University

## 9. SHORT TERM COURSES ATTENDED:

SI NO.	Title of courses	Category	Organiser	Duration
1	New Trends in Refrigeration	Summer School	Mechanical Engg Dept, IIT Kanpur	14 days (17-30 June) 1996
2	Entrepreneurship awareness & quality improvement	STP	HRH, The POWET, Jorhat	6 days (09-14 April) 2001
3	Educational Technology	STP	Technical Teachers' Training Institute, Kolkata	5 days (21-25 May) 2001
4	CAD/CAM/CAE & Product Development	FSD	Central Institute of Plastics Engineering & Technology, Chennai	12 days (01-12 July) 2007
5	Disaster Management	STP	Jorhat Engineering College	5 days (09-13 February) 2015
6	Signal Processing, Image processing, Computer Vision and Applications	FSD	Jorhat Engineering College	2 days (26-27 March) 2018
7	Foundations of Robotics, Automation and Finite Element Analysis	STP	Jorhat Engineering College	4 days (25-28 April) 2018
8	Short Term Programme on Induction Training	STP	NITTTR, Kolkata at JEC	11 days (07-17 May) 2018

## 10. WORKSHOP ATTENDED

Sl No.	Programme Name	Organised by	Duration
1	Orientation workshop on implementation of TEQIP	National Project Implementation Unit, MHRD at New Delhi	1 day 21 <sup>st</sup> July 2017
2	Workshop on Overview of PMSS software and uploading procurement plan	National Project Implementation Unit, MHRD at Guwahati	1 day 9 <sup>th</sup> November 2017
3	Workshop on Outcome Base Education	National Project Implementation Unit, MHRD at JEC	2 days (09-10 March) 2018
4	Workshop on Academic Audit and NBA preparation	Mentor Institute under twinning program at JEC	2 days (23-24 March) 2018
5	Workshop on Preparing Annual Budget for Implementing AICTE Mandated Activities	National Project Implementation Unit, MHRD at Guwahati	1 day 17 <sup>th</sup> April 2018
8	Training programme on Financial Management & Public Financial Management System	National Project Implementation Unit, MHRD at Guwahati	2 days (26-27 June) 2018
10	Mentor-Mentee Interaction Program	Twinning Activities SPIU	2 days (01-02 September) 2018

## 11. RESEARCH PAPERS PUBLICATION DETAILS IN CONFERENCES/ JOURNALS

1. Hatibaruah, D. et al. Modeling desorption isotherms and thermodynamic properties of Assam CTC manufactured from tea cultivar T3E3, Journal of Food Processing and Preservation 35, 729–738, 2011.
2. Hatibaruah, D. et al. Microwave drying characteristics of Assam CTC tea (*Camellia Assamica*), Journal of Food Processing and Preservation, 37 (2013) 366–370 © 2012 Wiley Periodicals, Inc.

## 12. IMPORTANT CONTRIBUTIONS TO THE UNIVERSITY/COLLEGE/DEPARTMENT LEVELS APART FROM TEACHING

1. Central NBA Coordinator
2. Nodal Officer of All India Survey On Higher Education
3. Faculty advisor of AICTE students' chapter, JEC
4. Member of Academic Council, Dibrugarh University
5. External Member for the Capital Work Advisory Committee of ICMR - RMRCNE, Dibrugarh