

Name: Jitul Baruah
Designation: Assistant Professor
Institute: Assam Engineering College
Department: Mechanical Engineering
Date of birth: 17th February 1980
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Educational Qualifications:

Degree	Year	University/Institute	Class	Specialization
B.E.	2003	G.U. /Assam Engg. College	1 st	Mechanical
M.E.	2013	G.U./Assam Engg. College	1 st (H)	Thermal Engineering
Ph.D	-	-	-	-

Professional Experience:

Designations	From	To
1. Assistant Professor	3 rd Oct. 2007	Till date

Publications

Books: Nil

International Journal papers: 1

International Journal of Advanced Research in Science, Engineering and Technology(ISSN 2350 0358)
Vol. 4, Issue 8 , August 2017 "Feasibility Analysis of Regeneration of Silica Gel Used in Dehumidification Process of Air Conditioning by the Condenser Waste Heat of Air Conditioner"
by Priyanka Nath, Jitul Baruah

National Journal papers:Nil

International Conference papers:Nil

National Conference papers:1

National Conference on Non Conventional Energy harvesting technology and challenges "Renewable Energy Utilizations in India- issues and challenges" by Manash Bhuyan, Jitul Baruah, S.K. Deb.

Reviewer of International/National Conferences:Nil

Reviewer of International/National Journals: Nil

Invited Lecture delivered:1

Delivered a lecture in a short term course "Construction Management" organised by Assam Engineering College and University of Melbourne Australia from (27th Nov. to 2nd Dec.)2007

Awards/Prizes: Nil

Member of Professional Institutions: Member of IEI and Member of ISHRAE

Member of Organizing Committee of Conference/Workshop: 4

Post Graduate Thesis guided: 3 Three students

PhD Thesis guided: NA

Intellectual Property Rights

(Copyright, Patents, Industrial design rights, Rights of Trademark)

Serial No	Title
	Nil

Consultancy Work

Serial No	Title
	Nil

Interaction with Outside World

(Joint venture with International organization/University)

Serial No	Title
1	CWC member of ISHRAE Guwahati Sub Chapter and holding the Post of Training Chair.
2	Appointed as Nodal Officer for the recruitment of Assistant Manager & Junior Manager for APDCL
3	Appointed as Zonal Officer for CEE-2017 conducted by DTE Assam.
4	Act as an External Examiner in various Engineering colleges within the state and outside the state.

Total Short Term Course (STC) attended:

Serial No.	Title of the Course	Organizer	Course Duration
1.	Modern Maintenance Practice in different Plants	Assam Engineering Institute, Guwahati	2 weeks
2.	Aerospace Propulsion for Beginners	IIT Guwahati	1 week
3.	Theory and practice of Rotor Dynamics	IIT Guwahati	1 Week
4.	Advances in Biofuel Research	IIT Guwahati	1 Week
5.	Designing Thinking and teaching in Engineering	NITTTR Kolkata	1 Week
6.	Faculty Induction Programme for Engg. Colleges in N.E. Region	NITTTR Kolkata	2 Weeks
7.	Micromanufacturing	IIT Guwahati	1 Week
8.	Introduction to E Learning	NITTTR Kolkata	1 Week
9.	Introduction to Numerical	Assam Engg. College	1 Week

10.	Computational and Experimental Mechanics		
11.	Recent Trends in Power Engineering and Management	Assam Engg. college	1 Week
12.	Environmental Impact Assessment	Assam Engg. College	1 Week
12.	Advances of Renewable Energy and its application	Assam Engg. College	1 Week
13.	Cross-cultural analysis and capacity building in construction management practices on housing and infrastructure sectors in Assam and Australia	University of Melbourne and AEC	1 Week
14.	Faculty Induction Workshop	IIT Kharagpur	1 Week
15.	Recent Advances in Materials, Energy and Environmental Engineering	IIT Guwahati	1 Week
16.	Recent advancement in Welding and allied Processes	Assam Engg. College	2 Weeks

Total Conference/Workshop/Seminar attended:

Serial No.	Title	Organizer	Course Duration
1.	Wind Disaster Problem Challenges Ahead	RSET Guwahati	2 Days
2.	Regional Seminar Cum Workshop on Pedagogy	IIT Kharagpur	1 day
3.	Recent trends in Mechanical Engineering	IEI Guwahati	2 Days
4.	Workshop on Pedagogy	Assam Engg. College	2 Days
5.	Green Energy- Prospects and Challenges	ASTU	2 Days
6.	Physics Amazing Ideas and Reality	Assam Engg. College	1 Day
7.	Creativity in Design and Innovation at Grass Root Level	Assam Engineering College	1 Day
8.	Environment Air Pollution and Noise	Assam Engineering College	1 Day