

## Bio Data of Dr. Rupanjali Nath, Associate Professor, Mechanical Engineering Department, Jorhat Engineering College

Name: Dr. Rupanjali Nath  
 Designation: Associate Professor  
 Department: Department of Mechanical Engineering  
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Phone No.: 9678071965  
 Area of Specialization: Thermal Engineering/Technology Initiated change management.  
 Educational Qualification: B. E. in Mechanical Engineering  
 Year: 1989

M. Tech. in Thermal Engineering, Department of Mechanical Engineering  
 Indian Institute of Technology, Delhi  
 Year: 1998

PhD: Department of Management Studies, Indian Institute of Technology, Delhi  
 Year: 2011

### A. Teaching Experience: (November 1994 to till date: 24 years)

Designation	Department	Date of Joining		Regular/3(f)
		From	To	
Lecturer	Mechanical Engg., JEC	18/11/1994	02/12/1998	Regular
Senior Lecturer	Mechanical Engg., JEC	31/12/1998	02/12/2003	Regular
SelectionGradeLecturer	Mechanical Engg., JEC	03/12/2003	31/03/2009	Regular
Associate Professor	Mechanical Engg., JEC	1/04/2009	09/05/2014	Regular
Associate Professor	Mechanical Engg., AEC	14/05/2014	28/03/2017	Regular
Associate Professor	Mechanical Engg., JEC	29/03/2017	Till date	Regular

## B. Subjects Taught

Sl No	Course Taught	Level	Period time taught	Where Taught
1.	Basic Thermodynamics	UG	14 years	Jorhat Engg College
2	Applied Thermodynamics	UG	12 Years	-do-
3	Fluid Mechanics	UG	4Years	-do-
5	Industrial Organization	UG	20Years	-do-
6	Mechanical Measurement	UG	14Years	-do-
7	Material Science	UG	2 Years	
8	Engineering Mechanics	UG	7Years	Jorhat Engg College/ Assam Engg College
9	Refrigeration and Air conditioning	UG	3 SEM	Assam EnggCollege,Guwahati
10	Heat Transfer	PG	1 SEM	Do
11	Production Planning and Inventory Control	PG	4 SEM	Jorhat Engg College
12	Industrial Engineering	UG	1 SEM	-do-
13	Project Management	PG	5 SEM	-do-
14	Productivity Improvement Technique	PG	1 SEM	-do-
15	Material Management	UG	2SEM	Assam EnggCollege,Guwahati

## C. No. of projects supervised:

1. More than 25 for Under Graduate ----under Dibrugarh University/Guwahati University
2. Nine Nos for MTech and MBA ----- under Dibrugarh University/Guwahati University/IGNOU

## D. Short term courses attended:

Name of the Course	Institution/ Organization	Date/ Month/ Year	Duration in Weeks	Sponsoring Agency
1.Motor Vehicle Emission Regulation Test Cycles and Control Methods	IIT , Madras	May 15-26,1995	Two Weeks	ISTE
2. Alternative Fuels and low Emission Engines	IIT, Delhi	24 <sup>th</sup> May-29 <sup>th</sup> May, 1999	One week	QIP
3. "Quality, Quality Management-Recent Trends"	JEC	17 <sup>th</sup> July -28 <sup>th</sup> July, 2000	Two Weeks	ISTE/AICTE
4.Intellectual Property Rights	IIT DELHI	24/03/2008 to 28/03/2008	One Week	QIP
5. Intellectual Property Rights	IIT DELHI	6/7/2009 to 10/07/2009	One Week	QIP
6.Recent Trend in Renewable Energy Utilization System	IIT GUWAHATI	23/01/2015 to 24/01/2015	Two days	TEQIP
7. Advances in Environmental Health	IIT GUWAHATI	9/02/2015 to 13/02/2015	One Week	AICTE/QIP
8.Workshop on Outcome Base Education	Jorhat Engineering College	(09-10 March) 2018	2 days	National Project Implementation Unit, MHRD

9.Signal Processing, Image Processing, Computer vision and Application	Jorhat Engineering College	26/03/2018 to 27/03/2018	Two Days	TEQIP-III
10.Challenges in Non-Conventional Energy Sources	Malnad College of Engineering HASSAN, KARNATAKA	09/04/2018 to 13/04/2018	One Week	TEQIP-III
11. Foundation Of Robotics, Automation And Finite Element Analysis	Jorhat Engineering College Malnad College of Engineering	25/04/2018 to 28/04/2018	One Week	NPIU TEQIP
12.Short Term Programme on Induction Training	NITTTR Kolkata (at JEC, Jorhat)	(07-17 May) 2018	11 days	TEQIP III
13.Induction Program on OBE	IIT Chennai	9/07/2018 to 13/07/2018,	1 Week	TEQIP III

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

Serial No	Title of the paper	Particulars
1	Exploring The Factors For Effective It Implementation: A Case Study Of Indian Banks	Management & Change, Volume 13, Number 1 (2009)
2	Factors influencing IT Adoption by Bank Employees: An Extended TAM Approach	VIKALPA • VOLUME 38 • NO 4 • OCTOBER - DECEMBER 2013
3	Determinants of users' satisfaction on selection of mobile hand set: The case of India	International Journal of Scientific Research in Education, JUNE 2014, Vol. 7(2), 141-155.
4	An Assessment of Supplier Development Practices in Competitive Environment	The International Journal Of Science & Technology, Vol 2 Issue 8 August, 2014
6	Application of Grounded Theory Technique to study the critical factors for execution of Materials Requirements Planning (MRP) in Manufacturing Industries	International Journal of Engineering Trends and Technology (IJETT) – Volume 14 Number 3 – Aug 2014
7	Investigation of the Factors of Absenteeism Affecting in Production Industry	The International Journal Of Science & Technology, Vol 2 Issue 9 September, 2014
8	Use of Information Technology by Bank Employees: An empirical test of two competing theoretical models	3rd Bihar Science Conference [February 11 – February 13, 2010] ID NO-OP-ET-P-141
9	An Industrial Perspective on Production Planning and Packaging Process of Paraffin Wax	International Journal of Industrial Engineering and Design, Vol 4, No 1 (2018)
10	Adoption of E-Banking: Examining Three Competing Models	UGC Sponsored National Seminar on Recent Trends in Statistics and its Application, 3 <sup>rd</sup> and 4 <sup>th</sup> Feb, 2012, Dept of Statistics, Aryvidyapeeth College

**F. IMPORTANT CONTRIBUTIONS TO THE UNIVERSITY/ COLLEGE/ DEPARTMENT LEVELS APART FROM TEACHING**

1. Conducted BEC exam for SEM 1 (old course)
2. Conducted 2 days short term program for students on Vibration Analysis on 7<sup>th</sup> and 8<sup>th</sup> September, 2018
3. Coordinated Two-dayworkshop on Understanding Entrepreneurship under TEQIP III on 14<sup>th</sup> and 15<sup>th</sup> September 2018
4. Took part as Judge in Inter hostel debate competition and over all students debate competition for the session 2018-19
5. Taken Part in Students Counselling of the Batch 2018 Entry for 20 students
6. Selected as a member of Board of Studies for Mechanical Engineering under ASTU
7. Attended 2nd BOS meeting of under graduate engineering course
8. Served as Superintendent of H9 (Girls' hostel) for 6years i.e., from 2001 to 2006.

**G. Any Special Duty performed:**

1. Performed duty of External Evaluator of NET exam conducted under CBSE and CSIR for several times.
2. Performed as External Evaluator in Gunostab under Govt. of Assam.
3. Delivered a Technical talk at Malnad College of Engineering, Hassan, on Diffusion and adoption of Technology on 13th April, 2018.