



Biswajit Choudhury

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Summary

Assistant Professor with 14 years of experience successfully contributing to Mechanical Engineering curriculum development and delivery. Driven to contribute to program outcomes by facilitating engagement and supporting learning objectives. Enthusiastic professional with background in academic advisement. To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Education

06/2012 **M.E, Mechanical Engineering, ASSAM ENGINEERING COLLEGE, GUWAHATI**
Mechanical Engineering: 78%

05/2008 **B.E, Mechanical Engineering, ANNA UNIVERSITY, Chennai** Mechanical Engineering : 74%

Experience

08/2010 - Current

Assistant Professor in Mechanical Engineering
The Assam Royal Global University, Guwahati, INDIA

- Established in 2009, is one of the most renowned, and best institute in the state.
- Taught Engineering Mechanics, Gas Dynamics & Jet Propulsion, Basic Machine Design, Energy Conservation & Management, Theory of Machines, Total Quality Management, Power plant Engineering.
- Taught Laboratory courses - Workshop, Heat Transfer, Metrology, Engineering Mechanics.
- Worked as Departmental Coordinator and Workshop Superintendent.
- Took additional responsibility of Examination in-charge for two years - Lead the team of number of staff members in handling activities of examination section - Tasks involved -Coordination with departments, Conduction of Examinations, Procurement of Materials, evaluation of answer scripts.
- Worked as Faculty Mentor for under graduate students.
- The goal of the organization is to create awareness among students about **career goals** by organizing workshops and seminars, and, to motivate students to pursue career in growth oriented organization.
- Worked as Program/Class Coordinator for B.Tech students.

01/2009 - 05/2010

Lecturer in Mechanical Engineering
BPS Mahila Vishyavidyalaya, Sonipat, INDIA

- Courses Taught- Machine Drawing and Engineering Mechanics.
- Laboratory Courses- Workshop, AutoCAD.
- Worked as In-charge for Workshop Laboratory, prepared laboratory manuals.

- Guided Undergraduate students projects.
- Identified issues, analyzed information and provided solutions to problems.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Cultivated interpersonal skills by building positive relationships with others.
- Paid attention to detail while completing assignments.

Publications

National Publications : 3

- A perspective analysis on pulp making from post-consumer waste papers used in paper industries in India. National conference on emerging trends in engineering: opportunities in North east India (ETIE 2016), RSET, Guwahati, Assam, India. ISBN:978-93-83588-12-1
- A modernized effect on rapid prototyping technology for manufacturing process: Retrospect and Prospects. National conference on emerging trends in engineering: opportunities in North east India (ETIE 2016), RSET, Guwahati, Assam, India ISBN: 978-93-83588-12-2
- Optimization of Material Removal Rate and Surface Roughness of Mild Steel, Aluminum and cast Iron on a Lathe Using Taguchi Method and Grey Relational Analysis. NCRAS 2020

Skills

Multitasking Abilities

Administrative skills

Project Management

Assessment experience

Software Knowledge: AUTOCAD, EES, MiniTab

Accomplishments

- Curriculum Design - Designed, developed and implemented daily lessons for B.Tech students.
- Targeted Development - Met with parents and guardians to discuss children's progress and to determine priorities and resource needs.
- Research: - Published conference paper with final year project students in 2020.
- Curriculum Development - Tailored educational curriculum to students with range of learning styles, disabilities, strengths and weaknesses. Developed innovative semester lesson plans and practical application exercises for classroom.
- Administration - Managed Mechanical Engineering Department and Workshop that resulted in improved administrator.
- Lesson Implementation - Met all assigned learning goals through the implementation of mentoring session.
- Dynamic Teaching Techniques - Instructed students in academic subjects using variety of techniques such as phonetics, multisensory learning and repetition to reinforce learning.
- Interactive Learning - Introduced and encouraged debate-style classroom setting to increase student active participation and critical thinking.
- Student Mentor - Volunteered as temporary student guidance counselor to help resolve student personal issues.
- Data Organization - Organized scores of students data into departmental database for immediate access.