

PARISHMITA BHUYAN*bhuyanparishmita@gmail.com**Mobile no.: 8723834486**House no. 132, P.W.D Chowk, AEC
road, Malayanagar, Jalukbari, Ghy-13*

ACADEMIC DETAILS

Degree/Course	Institution	Year of Passing	Percentage
M.E.	Jorhat Engineering College, Dibrugarh University	2017	82.20
B.E.	Royal School of Engineering and Technology, Gauhati University	2015	82.65
SSCE	Maharishi Vidya Mandir Public School, Silpukhuri	2011	87.00
SSE	Maharishi Vidya Mandir Public School, Silpukhuri	2009	83.60

WORK DETAILS

- Assistant Professor in Department of Mechanical Engineering, Assam Engineering College from 21st July 2025 to till date.
- Lecturer (3f) in Department of Mechanical (Automobile) Engineering, Bongaigaon Polytechnic from 22nd January 2025 to 22nd May 2025.
- Lecturer (Contractual) in Department of Mechanical Engineering, Goalpara Polytechnic from 22nd October 2018 to 21st January 2025.

TECHNICAL & SOFTWARE SKILLS

- **Design & CAD Tools:** AutoCAD, SolidWorks
- **Productivity Tools:** MS Office (Word, Excel, PowerPoint)

PAPERS PUBLISHED

- **Bhuyan, P. (2017)** – *Study of Rank Order Clustering (ROC) Technique for Cell Formation in Cellular Manufacturing System*, **International Journal of Production Engineering**, Vol. 3, No. 1, pp. 7–11.

PROJECTS

- **An Approach to Cellular Manufacturing** (January'17– July'17)
Explored concepts of **Group Technology** and **cellular manufacturing techniques**. Studied various **cell formation approaches** and highlighted their role in automated systems.

- **Study And Analysis of Taguchi's Orthogonal Array Technique on Turning Operation** (July'14 – April'15)

Applied **Taguchi's Method** to optimize turning operations. Determined near-optimum levels of machining parameters for **maximum Material Removal Rate (MRR)**.

CONFERENCES AND SHORT-TERM PROGRAMS ATTENDED

- Train The Trainer Program in Industrial Robotics conducted during 15th July 2024 to 19th July 2024 at Sonitpur Polytechnic, Dhekiajuli in collaboration with Government of Assam & TATA Technologies Ltd.
- Faculty Development Program on 'Vehicular Pollution and its Impact on the Environment' organized by Department of Mechanical (Automobile) Engineering, Bongaigaon Polytechnic, Bongaigaon, Assam from 15th March 2023 to 16th March 2023.
- Short-term Training Programme on Theory and Practices of CNC Machine Operations organized by NITTTR, Kolkata from 4th November 2019 to 8th November 2019.
- Faculty Development Program for Student Induction Program for AICTE approved institutions from 22nd July 2019 to 24th July 2019 at GIMT, Ghy.

ACADEMIC PROJECTS GUIDED

- Guided a project on 'Fabrication of regenerative braking system' as per the Diploma SCTE curriculum of Assam at Goalpara Polytechnic in 2023.
- Guided a project on 'A detailed study on Assembly of Rack and Pinion Steering System' as per the Diploma SCTE curriculum of Assam at Goalpara Polytechnic in 2022,
- Guided a project on 'Working model of a Floor Cleaner' as per the Diploma SCTE curriculum of Assam at Goalpara Polytechnic in 2021.
- Guided a project on 'Wheel mounted Pesticide Sprayer' as per the Diploma SCTE curriculum of Assam at Goalpara Polytechnic in 2021.

EXTRACURRICULAR ACTIVITIES

- Diploma Holder, Bharatnatyam
- 'A' Certificate Holder, National Cadet Corps (NCC)

DECLARATION

I hereby declare that the above stated information is correct to the best of my knowledge.

Date: 23.8.2025
Place: Guwahati

Parishmita Bhuyan
Signature