

BIO-DATA

- 1. NAME** : **MR. JIBAN JYOTI KALITA**
- 2. FATHER'S NAME** : JYOTISH KALITA
- 3. DATE OF BIRTH** : 22/10/1990
- 4. ADDRESS:**
- a) Permanent : Rangia Sarawati Colony ,Ward No.6 Pin-781354
- b) Phone Number : 8812889933
- c) Email : Kalita.jiban@gmail.com
- 5. PRESENT POSITION HELD** : Assistant Professor
Mechanical Engineering Department
Assam Engineering College
Jalukbari, Guwahati, Assam-781013 India
- 6. EARLIER POSITIONS HELD:**
1. Lecturer, Mechanical Engineering Department, Udalguri Polytechnic, Udalguri -784522 (October 2024 to February 2025)
 2. Assistant Engineer, Public Health Engineering Department, Govt. of Assam (August 2022 to October 2024)
 3. Assistant Professor (3f),Mechanical Engineering Department, Dhemaji Engineering College, Dhemaji - 787057 (From February 2021 to August 2022).
 4. Assistant Professor, Mechanical Engineering Department, Regional Institute of Science and Technology Meghalaya , Meghalaya -793101 (From August 2019 to February 2021)
- 7. AREAS OF INTEREST** : Tribology , Alternative fuel, Thermal Engineering, Composite Material.
- 8. COURSES TAUGHT:**
- UG Level:**
1. Theory of Machine
 2. Thermal Engineering
 3. Internal Combustion Engine
 4. Power Plant Engineering
 5. Engineering Mechanics
 6. Environmental Science

9. Educational Qualification

Post Graduation

M.TECH

Indian Institute of Technology (ISM),Dhanbad
Mechanical Engineering

2018
9.41/10

Graduation

B.E.

NITS MIRZA
Mechanical Engineering

2013
78.97%

10. Total Short Term Course (STC)/Faculty Development Program (FDP)/Webinar attended:

SL No.	Title of the Course	Organizer	Course duration
1	Short term course on Environmental and Sustainable Science	MMTTC, TEZPUR UNIVERSITY	23/01/2025 TO 29/01/2025
2	INNOVATIVE TEACHING AND LEARNING PEDAGOGY	EKALAVYA UNIVERSITY	06/01/2025 to 11/01/2025
3	Induction Training Programme For The Newly Appointed Lecturers in State Polytechnics	Directorate of Technical Education Assam	18/11/2024 to 19/11/2024
4	FACULTY INDUCTION PROGRAMME(FIP)	MMTTC, TEZPUR UNIVERSITY	2/08/2022 to 31/08/2022
5	URBAN AGRICULTURE	GOVERNMENT OF ASSAM	09/03/2022 to 10/03/2022
6	GREEN TECHNOLOGY AND SUSTAINABLE DEVELOPMENT	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	14/06/2021 to 18/06/2021
7	Quality Assurance by NBA IN polytechnics	HRH PRINCE OF WALES INSTITUTE OF ENGINEERING AND TECHNOLOGY, JORHAT	10/5/2021 to 15/5/2021
8	Recent Pedology and ICT Tools in Teaching & Research	Vindhya Institute and Technology and Science, Satna	26/04/2021 to 30/04/2021
9	Advanced Material (Fabrication, Characterization and Application)	Kalinga Institute of Industrial Technology	02/07/2020 to 25/07/2020

11. INVOLVEMENT IN OTHER ACTIVITIES

- i) Coordinator of Awareness programme on Polytechnic Education, November 2024
- ii) Chairman Cum Examiner of Annual System Trade (SCVT), ITI Suklai, November –December 2024.
- iii) Served as TRAINING AND PLACEMENT OFFICER , DHEMAJI ENGINEERING COLLEGE , from February 2021 to August 2022.
- iv) Served as verification officer for CEE 2021 and JLEE 2021 , Dhemaji Engineering College, Dhemaji
- v) Served as a member of AICTE committee , Udalguri Polytechnic from October 2024 to January 2025.
- vi) Served as External Evaluator, Gunotsav 2022, Dhemaji District

11. Publications/ Conference:

- I) **Jiban Jyoti Kalita, Kalyan Kumar Singh** “Tribological Behaviour of Synthetic Fiber Reinforced Polymer Composites- A review”. **IOP Conference Series- Material Science and Engineering IOP Conf. Series: Materials Science and Engineering 455 (2018) 012134, doi:10.1088/1757-899X/455/1/012134**
- II) Kalyan Kumar Singh, **Jiban Jyoti Kalita, Nisha Sharma** “ Investigation of Friction and Wear Behavior of MWCNTs Filled Hybrid Fiber Reinforced Polymer Composites under Different Sliding Parameters and Different Sliding Speeds”, **Materials Today: Proceedings, Volume 5, Issue 14, Part 2,2018,Pages 28347-28353, ISSN 2214-7853,**
- III) **Jiban Jyoti Kalita, Kalyan Kumar Singh** “Wear and frictional characteristic of natural fiber reinforced polymer composites: a review”, **Challenges and Opportunities in Industrial and Mechanical Engineering: A Progressive Research Outlook, CRC Press. <https://doi.org/10.1201/9781032713229>**
- IV) **Jiban Jyoti Kalita, Kalyan Kumar Singh, Nisha Sharma, Anshul Jain** “Comparative study of MWCTs Filled HFRP and Unfilled HFRP Composites under Different Sliding Speeds and Environments” **IOP Conference Series Materials Science and Engineering 455(1):012001 DOI:10.1088/1757-899X/455/1/012001**

12. International and National Conference Attended:

i) Presented a paper in International Conference on Composite Materials: Manufacturing, Experimental Techniques, Modeling and Simulations (**ICMMEMS-2018**)” held in LPU, Punjab, March 15th to 17th 2018.

ii) Participated in 33rd National Convention of Environmental Engineers, held in The Institute of Engineers (India), in association with Directorate General of Mines and Safety, Dhanbad, August 24th to 25th ,2017

iii) Presented a paper on “Effect of mechanical and physical parameters on Tribological behaviour of metal matrix composites-a review, **National Institute of Technology, Puducherry , 14th to 16th September2022.**

I hereby declare that all the above information are true to the best of my knowledge and belief.

Jiban Jyoti Kalita