

CURRICULUM VITAE

Name: **AUNSHUMAN CHATTERJEE**

Designation: **ASSISTANT PROFESSOR**

Address for Communication: (office) **Department of Mechanical Engineering, GIMT**

Girijananda Chowdhury University, Azara,

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WA No: **Nil**

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aunshu40@gmail.com

Sex: **Male**

Date of Birth: **18/02/1975**

Educational Qualifications:

| Sl. No. | Examination Passed | Year of passing | Board / Council / University | Specialization |
|---------|---|-----------------|--|-------------------------------|
| 1 | HSLC/10 th Std. HSLC | 1992 | SECONDARY BOARD OF EDUCATION, ASSAM(SEBA) | ----- |
| 2 | HSSLC/10+2 Std. HSSLC | 1994 | ASSAM HIGHER SECONADRY EDUCATION COUNCIL(AHSEC) | ----- |
| 3 | Degree (Please Specify) B.E | 1998 | GAUHATI UNIVERSITY | MECHANICAL ENGINEERING |
| 4 | Master's Degree (Please Specify) M.E | 2013 | GAUHATI UNIVERSITY | MECHANICAL ENGINEERING |
| 5 | M. Phil.(Please Specify) | ----- | ---- | ----- |

| Sl. No. | Examination Passed | Year of passing | Board / Council / University | Specialization |
|---------|--------------------------------|-----------------|------------------------------|----------------|
| 6 | Ph. D. (Please Specify) | ----- | ----- | ----- |
| 7 | Post-Doctoral (Please Specify) | ----- | ----- | ----- |
| 8 | Others(Please Specify) | ----- | ----- | ----- |

Languages known: **English, Assamese, Bengali and Hindi**

(Read, Write & Speak)

Academic/ Administrative Experience:

Academic experience:

- Classroom teaching
- Mentoring
- Invigilation duty
- Internal examiner
- Undergraduate level project supervisor
- Paper setter, Paper moderator and Answerscript Evaluator, Re-evaluator and Scrutinizer
- External examiner to other Universities of the state
- Currently acting as NAAC co-ordinator of the department
- Acted as NBA co-ordinator of the department from 2016-2019

Administrative experience:

- Workshop Superintendent since 2018
- Departmental member in GIMT-Newsletter Editorial team since 01/01/2019
- Chairperson of the Holistic Committee from 2022
- Member of Robotics club presently
- Was a member of Debate club
- Was a member of Transport committee during Smart India Hackathon-2017 and 2019
- Acted as invigilator in various competitive examinations of state and central govt. jobs

List of Publications:

| Sl. No. | Title with Page Nos. | Journal/Conference | ISSN/ ISBN No | Year of Publication |
|----------------|--|---|--|--------------------------------|
| 1. | Experimental determination of flexural strength of Bholuka bamboo(BambusaBalcooa) of Assam, India (Article in press) | Elsevier | 22147853 | 2022 |
| 2. | Performance Analysis of Francis Turbine Test Rig <i>pp.001-006, Vol.20</i> | International Journal of Latest Trends in Engineering and Technology | e-ISSN:2278-621X | 2022 |
| 3. | Experimental Determination of Compressive Strength of Bholuka Bamboo (BambusaBalcooa) of Assam, India <i>pp.10-11, Vol.3</i> | 3rd National Conference on Recent Advances in Science and Technology, Abstract Book | ---- | 2020 |
| 4. | Application of Back Propagation Neural Network in Predicting HC Emission from I. C. Engines <i>pp.57-63, Vol.13</i> | International Journal of Latest Trends in Engineering and Technology | e-ISSN:2278-621X | 2019 |
| 5. | Determination of Optimum Blend of Diesel and Tyre Pyrolysis Oil in 4-Stroke C.I Engine based on Emission Parameters <i>pp.40-43, Vol.10</i> | International Journal of Latest Trends in Engineering and Technology | e-ISSN:2278-621X | 2018 |
| 6. | Application of back propagation neural network in predicting Nox emission from I.C.Engines <i>pp.3791-3795,Vol.6</i> | International Journal of Current Advanced Research | ISSN: O: 2319-6475, ISSN: P: 2319 –6505 | 2017 |
| 7. | Prediction of CO emission from I. C. Engines using Back Propagation Neural Network <i>pp.105-111, Vol.13</i> | IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) | e-ISSN: 2278-1684,p-ISSN: 2320-334X | 2016 |

Research Experience:

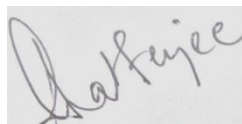
- Doctoral thesis guided: Nil
- Research & Consultancy Projects:

| SI No. | Title & Type | Funding Agency | Period | Grant/Amount Mobilized (in Rs.) |
|--------|--|------------------|----------------------------------|---------------------------------|
| 1. | Determination of Physical properties of Bamboo Trunk -Research | MHRD (TEQIP III) | One Year (27/08/2019-28/09/2020) | 3,00,000 |

Membership of Professional bodies: **Life member of Indian Society for Technical Education(ISTE) since 2016**

Award, Fellowship & Recognition:

Topped in three (03) NPTEL-SWAYAM courses.



Scanned Signature

Date: (Name)

03/01/2023(Aunshuman Chatterjee)