

## CV

Name: Himangshu Sekhar Brahma

Designation: Assistant Professor

Address for Communication: (office): Dept. of Mechanical Engineering

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Date of Birth: 29/06/1988

Educational Qualifications:

| Sl. No | Examination Passed | Year of passing | Board / Council / University | Specialization         |
|--------|--------------------|-----------------|------------------------------|------------------------|
| 1      | HSLC/10th Std.     | 2004            | SEBA                         |                        |
| 2      | HSSLC/10+2 Std.    | 2006            | AHSEC                        |                        |
| 3      | B.E                | 2010            | RTMNU Nagpur University      | Mechanical Engineering |
| 4      | MTech              | 2013            | NIT Warangal                 | Automobile Engineering |

Languages known:

ENGLISH, ASSAMESE, HINDI

(Read, Write & Speak)

Academic/ Administrative Experience:

11 YEARS 4 MONTHS

#### List of Publications:

- Research Paper on “Experimental investigation on emissions of neat mahua biodiesel using Urea-SCR”. Reference no.-IJSTR-0813-7009.Publications on August 2013.
- Performance of a Compression Ignition Engine using Canola (Brassica Napus) Biodiesel in International Journal of Current Engineering And Scientific Research(IJCESR) Volume-5, Issue-3, ISSN (Online)-2394-0697, ISSN(Print)- 2393-8374. Published in March 19, 2018
- Performance evaluation of a Compression Ignition Engine using Peanut oil as Biodiesel- UNIVERSAL REVIEW JOURNAL, VOLUME VIII,ISSUE VI, JUNE 2019.
- Book Publication on “Emerging commercial opportunities for conversion of waste to energy: aspect of gasification technology” Elsevier, 105-127.  
<https://doi.org/10.1016/B978-0-323-85387-3.00012-4>. Year of Publication- 2021.
- Himangshu Sekhar Brahma, Debarshi Mallick, Swapnaneel Sarma, Nishanta Kumar Basistha: Characterization and Performance Analysis of various biomass feedstocks in a Downdraft Gasifier: 2<sup>nd</sup> International Conference on Recent Innovations and Developments in Mechanical Engineering Organized by NIT Meghalaya 2024.

#### Research Experience:

- Doctoral thesis guided :
- Research & Consultancy Projects:

Membership of Professional bodies: Member of ISTE

Award, Fellowship & Recognition:

Date: 29/12/2024

Name: Himangshu Sekhar Brahma