RESUME

BIPLAB DAS

Brahmaputra Hostel, Room No.:- T-11
I.I.T. Guwahati, Dist: - Kamrup,
Assam -781039
E-mail:- das21_biplab@yahoo.co.in
Mob: 08011256630

Educational Qualification:

- Ph.D in **"Mechanical Engineering"** from **Indian Institute of Technology Guwahati, Assam (Thesis submitted)** in the year 2019.
- M-tech in **"Materials Engineering"** from **Indian Institute of Engineering Science And Technology (Formerly Bengal Engineering and Science University), Shibpur, Howrah, West-Bengal.** in the Year 2011.
- Graduation (B.Tech): **Automobile Engineering** from **MCKV Institute of Engineering, Liluah (West Bengal university of Technology)** in the Year 2007.
- 10+2 (A.I.S.S.C.E): From **D.A.V. Public School, Paradeep** (C.B.S.E) in year 2003.
- 10^{th}(A.I.S.S.E): From **D.A.V. Public School, Paradeep** (C.B.S.E) in year 2001.

Work Experience:

► working in **Guru Ghasidas Vishwavidyalaya**, Koni, Bilaspur, Chattisgarh, as an Assistant Professor in **Department of Mechanical Engineering**. (19^{th} November 2019 – till present).

► worked in **NITS MIRZA**, Mirza, Kamrup,Assam, as an Assistant Professor (Contract basis) in **Department of Mechanical Engineering**. (1^{st} August 2015 – 26^{th} November 2015).

► worked in **MCKV Institute of Engineering**, Liluah, Howrah, West Bengal, as an Assistant Professor (Ad-hoc) in **Department of Automobile Engineering**. (1^{st} February 2011 – 19^{th} July 2011).

► worked in **HINDUSTAN MOTORS LIMITED**, (Automobile Div.) Uttar-Para, West-Bengal, as an **Engineer** in **Materials Department**. (1st June 2007 – 11th Feb 2009).

Technical Proficiency:

- Obtained a certificate of proficiency for undergoing apprenticeship training under the Apprenticeship Act, 1961 at **Hindustan Motors Limited** from 19.06.2007 to 18.06.2008 in the field of **Automobile Engineering.**

Publications:

International Journals

- Biplab Das and Pankaj Biswas (2017) "Effect of Operating Parameters on Plate bending by Laser Line Heating", Part B: Journal of Engineering Manufacture Processes, Vol.231 (10), 1812-1819.
- Biplab Das and Pankaj Biswas (2018) "A Review of Plate Forming by Laser Line Heating", Journal of Ship Production and Design, Vol.34 (2), pp.155-167.
- Biplab Das and Pankaj Biswas (2018) "Experimental and Numerical Investigation of Single Pass Laser Line Heating" Journal of Materials Processing. (Revision submitted).
- Biplab Das and Pankaj Biswas (2019) "Thermo-mechanical Analysis of Plate forming by Laser Line Heating" (Communicated).
- Biplab Das and Pankaj Biswas (2019) "Development of Compound curve surface by Laser Line heating" (under preparation).

Book Chapter

- Biplab Das and Pankaj Biswas (2015), "Mathematical Formulation for Development of Compound Curve Surface by Laser Line Heating", in S.N.Joshi and U.S.Dixit (eds.), Laser Based Manufacturing, Topics in Mining, Metallurgy and Materials Engineering, DOI 10.1007/978-81-322-2352-8_6, Springer India.,pp.93-105.

Conferences

- Biplab Das, Kishor Gajrani and Pankaj Biswas (2012) "Prediction of thermal history in laser line heating", 21st International Symposium on Processing and

Fabrication of Advanced Materials PFAMXXI, Guwahati, India, Vol-2, December 2012.

- Biplab Das and Pankaj Biswas (2014) "Mathematical formulation for the development of Compound curve surface by Laser Line Heating", 5th International and 26th All India Manufacturing Technology, Design and Research Conference, AIMTDR 2014.
- Biplab Das and Pankaj Biswas (2016) "Prediction of Heating Lines for Plate Forming by Laser Line Heating", 6th International and 27th All India Manufacturing Technology, Design and Research Conference, AIMTDR 2016.

Workshop attended:

- Participated in the International Workshop on Near Net Shape Manufacturing of Precision Engineering Components (NNSMW 2014) organized by CSIR-CGCRI, Kolkata during June 5-6, 2014 at CSIR-CGCRI, Kolkata.
- Participated in TEQIP National Workshop on Technical Writing, organized by Centre for Educational Technology, Indian Institute of Technology Guwahati during December 6-7, 2014 at IIT Guwahati.
- Attended a short term course on "Genetic Algorithm in Engineering Optimization" under QIP, organized by AICTE at Indian Institute of Technology Guwahati during 28th December 2014- 1st January 2015.
- Attended a short term course on "Modern Scenario in Welding Technology" under QIP, organized by AICTE at Indian Institute of Technology Guwahati during 16th March 2015- 20th March 2015.
- Attended a FDP Program on "Ansys Structural & Ansys Fluent" under TEQIP-III, organized by Assam Science and Technology University, Guwahati during 10th September 2018- 14th September 2018.

Subject of Interest:

- Welding Science and Technology
- Strength of Materials
- Automobile Engineering
- Advance Manufacturing Technology

Computer Skills:

- Operating System: Windows 2003 Server, XP.
- Software: MS-Office, AUTOCAD 2000, Comsol multi-physics (in structural domain), Solid Works.

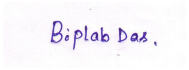
Extra-Curricular Activities:

- Awarded a certificate of excellence on successful completion of the Youth Empowerment Skills workshop, held in **IIT Guwahati** from 04.03.2014 to 09.03.2014.

I hereby declare that all the information given above is true to the best of my knowledge and belief. Documents will be provided on request.

Date: 16.12.2019

Place: Bilaspur (C.G.)



(Biplab Das)