



Rakesh Bhadra

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Education

- Ph.D. (pursuing), **IIT Guwahati**, (Mechanical Engineering), December-2011-till date
- M.E.(2010), **Indian Institute of Engineering Science and Technology, Shibpur, West Bengal.**
- B.E. (2008), **Indian Institute of Engineering Science and Technology, Shibpur, West Bengal**, (Mechanical Engineering)

Area of interests

Thermal and Structural Analysis of Welding, Conventional Machining, Material Development.

Scholarships

1. GATE scholarship during M.Tech. (From July 2008- July 2010)
2. Institute fellowship during Ph.D (From December 2011- September 2014)

Teaching experience

From July 2010-September2011: Assistant Professor, Department of Mechanical Engineering, Academy of Technology, Adisaptagram, West Bengal- 712121

From September 2014-Till date: Assistant Professor, Department of Mechanical Engineering, Tezpur University.

Publications

Book Chapters

1. **Rakesh Bhadra**, Pankaj Biswas and M. Ravi Sankar, "A Literature Review on CO2 Laser Welding" Topics in Mining, Metallurgy and Materials Engineering, pp 381-398. DOI:10.1007/978-81-322-2352-8.

International Conferences

1. **Rakesh Bhadra**, Pankaj Biswas and M. Ravi Sankar, "Effect of process parameters on thermal history of laser welding of AISI-304 stainless steel", AIMTDR 2014" December 12th–14th, IIT Guwahati, Assam, India

Courses taught

Undergraduate level

- Mechanical Design
- Mechanical Measurements & Instrumentation.
- Machine Tool and Machining
- Engineering Mechanics