

Name: Dr. SUBODH DEBBARMA
Designation: Assistant Professor
Branch: Mechanical Engineering
E-mail: subodh.debbarma@iutripura.edu.in



Educational Qualification(s):

Qualification(s)	University
M.Tech (Thermal Engineering)	NIT, Silchar
Ph.D (Mechanical Engineering)	NIT, Agartala

Experience in years:

Academic: 7 Years 8 months

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	NIT Agartala	Research	Sep, 2009	Sep, 2014
2.	ICFAI University, Tripura	Assistant Professor	Sep, 2014	Till Dates

Other Information:

(a) Publication details.

INTERNATIONAL JOURNAL

1. S.C. Saha, Subodh Deb Barma and Seena.P, “**A simplified Approach for Solving Heat Transfer Problems in Submerged Arc Welding Process**” International Journal of Research in IT, Mangg. and Engg, Volume1 Issue3 ISSN: 2249- 1619, Oct-2011, Pp,437-446.
2. S.C. Saha, S. Debbarma and Seena.P, “**A review of heat transfer analysis in fusion welding**” International Journal of Research in IT, Mangg. and Engg, Volume1 Issue3 ISSN: 2249- 1619 Oct-2011, Pp, 337-353.
3. Subodh Debbarma, Abhijit Sarkar and Subhash Chandra Saha, “**A Comparative Study on the Hardness Behaviour of Friction Stir Welding AA6063 alloy**” Journal for Technology of Plasticity, Vol. 37 (Nov-2012), ISSN: 0354-3870 - UDK 621.7, Number 2, Pp, 153-160. Novi Sad, Serbia.

4. Aparesh Datta, Subodh Debbarma and Subhashchandra saha, **“A Simplified Numerical Approach for Finding the Temperature Distribution in Submerged arc Welding Process”** Advanced Materials Research Vols. 622-623 (2013) Pp 315-318. Trans Tech Publications, Switzerland. {Scopus indexed}.
5. S.C. Saha, Seena.P and Subodh Deb Barma, **“A Mathematical Model For Determining the Optimal Size of a Reserve Resource Pool for Essential Services: Human Resources, International Journal of Research in Engineering and Technology”** Vol. 02 Issue: 08, eISSN: 2319-1163/ pISSN:2321-7308, Aug-2013, Pp 117-119.
6. B. Chodhuri, K. Durgaprasad, S. Debbarma, A. Majumder, s. C. Saha **“Parametric optimization and cost estimation of AA6061 weldments in friction stir welding”** International Journal of Mechanical and Production Engineering, ISSN: 2320-2092, Volume- 2, Issue- 4, April-2014.
7. Tanmoy Medhia, Barnik Saha Roy, Subodh Debbarmac, S.C.Saha **“Thermal modelling and effect of process parameters in friction stir Welding”**4th International Conference on Materials Processing and Characterization, Materials Today: Proceedings 2 (2015) 3178 – 3187 ScienceDirect (**Elsevier**)

INTERNATIONAL CONFERENCE

1. Subodh Deb Barma, K M Pandey, U Kumar, **“Review on Noise pollution from Internal Combustion engines”** by 2009 at EnviroEnergy International Conference on Energy and environment March 19 -21 2009.

NATIONAL CONFERENCE

1. K. M. Pandey, Subodh Deb Barma, A P Singh, Akhilesh Kumar, U Kumar, **“Computational Analysis on Controlling Noise Pollution from Internal Combustion engines”** at 36th National Conference of Fluid mechanics and Fluid Power, College of Engineering Pune on 17-19th December 2009. PAPER NO: 89-ANT-18 Pp: 1-11.
2. S.C. Saha, John Deb Barma and S. Debbarma, **“A Simplified Approach for Solving Heat Transfer Problems in Laser Beam Welding Process”** Proceedings of the National Conf, Recent Advances in Manufacturing Technology and Management (RAMTM 2010) during 19th -20th February, 2010 at Production Engineering Department, Jadavpur University Kolkata.
3. S. Debbarma and S. C. Saha; **“Development in Welding Technology-Indian context”** Proceedings of the National Conf, Recent Advances in Welding Technology during 10-11 May 2013 at NERIST, Arunachal Pradesh, Pp 1-5.
4. Kelli Durga Prasad, Tanmoy Medhi, Subodh Debbarma and S.C.Saha **“Effects of Process Parameters on Microstructure and Mechanical properties in Friction Stir Welding: A Review”** Proceedings of the National Conf, Recent Advances in

Welding Technology during 10-11 May 2013 at NERIST, Arunachal Pradesh, pp 309-315

NATIONAL SEMINAR

1. S.C. Saha, John Deb Barma, S. Deb Barma(2010), “**Heat Transfer analysis in fusion welding Processes**” Proceedings of All India Seminar on Joining Processes: Challenges for Quality, Design & Development, ” 5 -6th March 2010 at NIT Agartala, NIT Agartala, India.

SYMPOSIUM

1. S.C. Saha, Subodh deb Barma “**A discussion on research and technology development**” North East Symposium on 18th & 19th Feb, 2010 at ICFAI Univ. Agartala.

(b). Professional membership of reputed bodies if any.