

Name: Dr. Subodh Debbarma
Designation: Associate Professor
Branch: Mechanical Engineering



Educational Qualification(s):

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

Experience in years: 15

Academic: 15

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	NIT Agartala	Teaching Assistance	2009	2014
2.	ICFAI University Tripura	Assistant Professor	2014	2023
3.	ICFAI University Tripura	Associate Professor	2022	Till date

Other Information:

a) Publication details.

A. 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**)

B. 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.

(b) Details of Seminar/Workshop/Conference.

A. 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

B. NATIONAL SEMINAR/WORKSHOP

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.
2. Participated two weeks summer course on “**Fluid dynamics and its application**” by NIT, Silchar, Mechanical engineering department, during July 7-19, 2008.
3. Participated in the National Seminar joining processes: “**Challenges for quality, design and Development**” march 5-6, 2010. NIT Agartala.
4. Participated in the National Level Online “**7 day Faculty Development Programme on Revised Accreditation Framework (RAF) of NAAC- A Paradigm Shift for Strategic Enhancement of Higher Education in India**” organised by the Internal Quality Assurance Cell (IQAC), Rajapalayam Rajus' College, Rajapalayam from 08.06.2021 to 15.06.2020.
5. Participated in “**89th International Web Conference & HR Congress**” organised by Institute of Engineering & Management (IEM) and University of Engineering & Management (UEM) dated Jun 26, 2020.
6. Participated One week Faculty Development Program on “**Artificial Intelligence & Machine learning**” Organized by Computer Science and Engineering Department Icfai University Tripura held on Sep 13th-17th, 2021.
7. Participated in two days webinar: “**Sustainable Energy & Environmental Practices (SEEP 2020)**” Department of Mechanical Engineering, NIT Silchar during June 5-6, 2020.
8. Participated in webinar on “**Scope in Administrative Jobs After Engineering**” organized by Department of Mechanical Engineering, NSHM Knowledge Campus Durgapur -GOI during June 21st, 2020.
9. Participated One week Faculty Development Program on “**Hands on training on Innovative Tools and Techniques for Effective Teaching and Learning**” Organized by Civil Engineering Department Icfai University Tripura held on Sep 23th-27th, August 2021.