

Bio-Data



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B.E (Mech) O.U, M.Tech, NIT Calicut (Manufacturing Technology), PhD.

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Dr. Balaram Naik Amgothu is a Principal and Associate Professor at JNTUH University College of Engineering Mahabubabad, Mahabubabad District, Telangana State with over 17 years of teaching experience. He has a postgraduate degree in M.Tech. (Manufacturing Technology) from the National Institute of Technology, Calicut, Kerala, and a Ph.D. (Manufacturing Welding Technology) from JNT University, Hyderabad.

Balaram Naik Amgothu S/o Late Lachiram Naik has been working since 2004 in teaching mechanical engineering at JNTUH Affiliated College and JNT University Hyderabad. He joined JNTU College of Engineering Hyderabad on December 5, 2006, and is now the Principal of JNTUHUCE Mahabubabad. He held positions as SC/ST Cell Officer, JNTUH, Hostel Manager, Warden at JNTUHCEH, Co-coordinator for I- and II-year B.Tech. Class work, NSS-Programme Officer for JNTUH College of Sultanpur, NSS-Programme Coordinator for JNTU Hyderabad, Kukatpally, and Transport-In-Charge at JNTUH College of Engineering, Manthani, JNTUH College of Engineering Jagityal, and JNTUH College of Engineering Sultanpur. He is a member of the Indian Institute of Welding, Mukundapur, Kolkata, India. He is a Fellow of Institute of Engineers (India). He is renowned for his practical teaching and research publications. He has done reputed work in the fields of manufacturing technology, welding technology, material science, mechanical instrumentation, metrology, etc.

Dr. Amgothu Balaram Naik has conducted more than 15 national conferences and workshops. He has over 25 research publications (5 Scopus) in his name on the national and international platforms. Under his research guidance, 50 M.Tech. degrees have been awarded so far.

S.NO	Title of Paper	International Journal / Conference
1.	Characteristics Optimization of Different Welding Processes on Duplex Stainless Steel Using Statistical Approach and Taguchi Technique-A Review Guide.vol:2,Issue 3(Feb-2013) PP:22-25	IJEI, vol:2,Issue 3(Feb-2013) PP:22-25 (has indexed in ANED-American National Engineering Database)-DDL-Digital Data Link No:08.7461/IJEI-2032634
2.	Investigation on Line Replaceable Unit (LRU) of an Aircraft and its Thermal Analysis using Computational Fluid Dynamics (CFD) 2013.	ICRAMAV-2013, 21-23 November, 2013. The2 nd International Conference on Recent Advance in Design, Development and Operation of Micro Air Vehicles. JNT University Hyderabad. ELSEVIER ISBN:9789351071693
3.	Study of Welding Economy and Improve Productivity of (2205) Duplex Stainless Steel Material.	INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS AND MANUFACTURING TECHNOLOGIES (AMMT), page no: 19- 32. December 18-20, 2014 Sponsored by UGC – New Delhi & TEQIP-II –JNTUH CEH ISBN 978-93-82163-46-6
4.	Application of Taguchi Design And Analysis Software for Welding operation optimization on Shield Metal Arc Welding machine.	National Conference on Advances in Computing and Networking.(6 th &7 th December,2013
5.	Biodiesel from Jetropa oil as an Alternative Fuel for Diesel Engine.	RITS-ICAEM 2012, International Conference on A advancement in Engineering And Management. 28&29 Feb-2012
6.	Combined Non-Luminous Flame Radiation and Surface tension effects during low Reynolds numbers methanol droplet combustion.	RITS-ICAEM 2012, International Conference on A advancement in Engineering And Management. 28&29 Feb-2012
7.	PARTIAL PREMIXING EFFECT OF FUEL JET WITH AIR ON NEAR BURNER TEMPERATURE FIELD IN A HIGH-SWIRL INTENSITY BURNER.	RITS-ICAEM 2012, International Conference on A advancement in Engineering And Management. 28&29 Feb-2012
8.	Sustainability of Digital Libraries.	International Conference on SUSTAINABILITY OF DIGITAL LIBRARIES.(25 th to 27 th September,2014),ICSDDL-2014
9.	EXPERIMENTAL ANALYSIS OF MICROSTRUCTURE AND MECHANICAL PROPERTIES OF MIG WELDED AA 7075-T6 OF 10MM THICKNESS.	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 03 Issue: 10 Oct -2016 www.irjet.net p-ISSN: 2395-0072

10.	Investigation on Wire EDM Input Parameters for Optimizing Material Removal Rate and Surface Roughness (on Aluminium Alloy Grade Aa 7075)	IJSRD, International Journal for Scientific Research and Development. ISSN (ONLINE):23210613. Volume 4, Issue 8, 2016
11.	Experimental Analysis of TIG Welding and Comparison between Activated-TIG and TIG on Duplex Stainless Steel (2205).	National Conference on Recent Trends in Mechanical Engineering, NCRTME 2016, April 28 th -29 th , 2016.
12.	Optimizations of TIG Welding Process Parameters on Angular Distortion of Stainless Steel 301 Alloy Weldments.	Journal of Material Science and Mechanical Engineering (JMSME), DEC-2015, p-issn:2393-9095, e-issn:2393-9109.
13.	An Experimental Investigation of Shielded Metal Arc Welding processes on Duplex Stainless Steel to control and correction of distortion in weldments.	AICTE, National Conference on Innovative Trends in Mechanical and Automobile Engineering, Feb-2016.
14	(IJRASET)-, Title: Effect of Process Parameters of Tungsten Inert Gas Welding on welding of Duplex Stainless Steels, Jan-2018	International Journal for Research in Applied Science & Engineering Technology. UGC Approval . ISSN.No:2321-9653, DOI-DOI:10.22214
15.	Title: The Analysis of SMAW Parameters for optimization of Mechanical Properties using Taguchi Method on DSS Material. Jan-2018.	International Journal for Research in Applied Science & Engineering Technology, - UGC Approval , ISSN.No:2321-9653, DOI-DOI: 10.22214,
16.	Macro Section and Micro Structure Evaluation of TIG on Duplex Stainless Steel (2304) with Weld Bead Geometry at Different Position.- (Accepted Title) ,2018	Engineers Australia Technical Journals-Australian Journal of Mechanical Engineering, Taylor & Francis (ID:1432301 DOI:10.1080/14484846.2018.1432301) -production Tracking number-AJME 1432301

Post Held;

1. NSS Program Coordinator, JNTUH
2. Transportation In charge Officer at JNTUHCES, JNTUHCMB and JNTUHCEJ.
3. NSS Program Officer at JNTUHCES.
4. SC/ST Cell Officer, JNTUH. (June -2014 to 2022)
5. HOSTEL MANAGER, JNTUHCEH.(Nov-2016 to June2018)
6. HOSTEL WARDEN, Gowthami PG Boys Hostel, JNTUHCEH. (June 2018 to till date).

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