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Address :



Present Position

Teaching Fellow, Department of Production Technology, Madras Institute of Technology, Anna University, Chennai from September-2014.

Present Additional Responsibility

- > Programme Officer, National Service Scheme, Anna University, Chennai from September-2019.
- > Resident Counselor, Boys Hostel, Anna University, Chennai from June-2016.

Previous Positions

- > Teaching Fellow, Department of Production Technology, Madras Institute of Technology, Anna University, Chennai from September-2014.

Degree

- ❖ M.E. in MECHANICAL ENGINEERING , Regional Centre of Anna University Tirunelveli Region, Tirunelveli., Anna University of Technology Tirunelveli (2011 - 2013).

Area of Specialisation

- > Composite Materials, Optimization, Machining

Research Guidance

Papers Published in Journals

Research Papers Published in International Journals : 4
Research Papers Published in National Journals : 0

1. M.Manoj S.Jeevithan, "Design, Fabrication and Analysis of Flapping Wing Micro Air Vehicle for Surveillance", International Journal of Engineering Research & Technology (IJERT), published by ESRSA Publication. Vol. 4, Issue 26, pp. 121-126 (2016).
2. M Manoj, GR Jinu, T Muthuramalingam, " Multi Response Optimization of AWJM Process Parameters on Machining TiB2 Particles Reinforced Al7075 Composite Using Taguchi-DEAR Methodology", Silicon, published by Springer Netherlands. Vol. 10, Issue 5, pp. 2287-2293 (2018).
3. M Manoj, GR Jinu, T Muthuramalingam, R Singh, Leo Bright, " Synthetization and investigation on mechanical characteristics of aluminium alloy 7075 with TiB2 composite", Journal of Ceramic Processing Research, published by Korean Asso Crystal Growth, INC. Vol. 22, Issue 4, pp. 475-481 (2021).
4. M Manoj, GR Jinu, J Suresh Kumar, V Mugendiran, "Effect of TiB2 Particles on the Morphological, Mechanical and Corrosion Behaviour of Al7075 Metal Matrix Composite Produced Using Stir Casting Process", International Journal of Metalcasting, published by Springer International Publishing. (2021).

Papers Presented in Programmes

Research Papers Presented in International Programmes : 1
Research Papers Presented in National Programmes : 2

1. "Thrust Enhancement in A Rocket Nozzle Using Boundary Layer Correction" presented in a National level conference on National Conference on Optimization Techniques In Engineering Sciences and Technologies (OPTEST- 2013), organised by Department Of Mechanical Engineering Bannari Amman Institute Of Technology sathyamangalam , India from 19-Apr-2013 to 20-Apr-2013.
2. S.Chandrasekar, S.Manivannan, J.R.Jinu, M.Manoj, "Experimental Investigation on the Mechanical Properties and Metallurgical Characterisation of Stir Cast AA7075-T6-TiB2 Metal Matrix Composites" presented in a International level conference on International Conference on Emerging Trends In Engineering And Technology (INCETET 2016), organised by Society of Engineering and Technology & Newton Tech Solution Tirunelveli, India from 08-Mar-2016.
3. "Design, Fabrication and Analysis of Flapping Wing Micro Air Vehicle for Surveillance" presented in a National level conference on NCARMS-2016, organised by Department of Production Technology, MIT Campus, India from 25-Mar-2016 to 26-Mar-2016.

Programme Organized

1. Organizing Committee Member, National level conference on "Emerging Trends in Mechatronic Systems (ETMS-2015)" from 06-Mar-2015 to 07-Mar-2015.
2. Organizing Committee Member, International level conference on "Recent Innovations in Production Engineering (RIPE-2017)" from 24-Mar-2017 to 25-Mar-2017.

Programme Attended

1. Participated in a National level workshop on "Human Dynamics (Reacting the stars)" organized by Department of Mechanical Engineering Association, Kalasalingam University , India from 29-Oct-2010.
2. Participated in a National level workshop on "Computational Fluid Dynamics" organized by Department of Mechanical Engineering Infant Jesus college of Engineering, Tuticorin , India from 27-Jul-2012.
3. Participated in a International level workshop on "Green Manufacturing Concepts (GMC-2015)" organized by Department of Production Technology MIT Campus Anna University Chennai, India from 16-Feb-2015 to 17-Feb-2015.
4. Participated in a National level workshop on "Advance Characterization Techniques of Materials" organized by Department of Mechanical Engineering, College of Engineering Guindy, Anna University Chennai, India from 23-Feb-2015 to 24-Feb-2015.
5. Participated in a National level workshop on "Trends in Non-Destructive Evaluation of Weldments" organized by Department of Mechanical Engineering, College of Engineering Guindy, Anna University Chennai, India from 09-Mar-2015 to 10-Mar-2015.
6. Attended a National level Short Course on "New Materials Their characterization and Applications" organized by Department of Aerospace, Mechanical Engineering, Crystal Growth centre and centre for Nanoscience & Technology, Anna University Chennai, India from 13-Oct-2015 to 14-Oct-2015.
7. Participated in a National level workshop on "Recent Trends in Optimization" organized by Department of Mechanical Engineering, University College of Engineering Nagercoil, Konam Nagercoil, India from 10-Dec-2015.
8. Participated in a National level workshop on "Recent Trends In Abrasive Water Jet Machining" organized by Department of Production Technology MIT Campus Anna University Chennai, India from 19-Feb-2016.
9. Attended a National level seminar on "Refractory Materials, Installation and Applications" organized by Department of Ceramic Technology AC-Tech Campus Anna University Chennai , India from 05-Oct-2016.
10. Participated in a National level workshop on "Prevention on Failures during Manufacturing and Production" (PFMAP-2017) " organized by Society for Failure Analysis, Chennai Chapter, and Department of Production Technology MIT Campus Anna University Chennai , India from 03-Feb-2017 to 04-Feb-2017.
11. Attended a National level Short Course on "Geometric Dimensioning And Tolerancing" organized by AU-FRG Institute for CAD/CAM, Department of Mechanical Engineering, College of Engineering Guindy, Anna University Chennai, India from 08-Sep-2017 to 09-Sep-2017.
12. Participated in a National level workshop on "The Essentials of IoT for Modern Mechanical Engineers" organized by Department of Mechanical Engineering, College of Engineering Guindy, Anna University Chennai, India from 15-Feb-2018 to 16-Feb-2018.

13. Participated in a National level workshop on "Recent and Future Trends in Automobile Engineering" organized by Department of Automobile Engineering, MIT Campus Anna University Chennai , India from 09-Mar-2018 to 10-Mar-2018.
14. Participated in a National level workshop on "Intellectual Property Rights 2018" organized by Centre for Intellectual Property Rights (CIPR),College of Engineering Guindy, Anna University Chennai , India from 02-Feb-2019.
15. Attended a National level seminar on "Young Teachers" organized by Prevention and Redressal of Harassment Committee, of MIT Campus Anna University, Chennai, India from 13-Feb-2019.

Honours

1. "Best N.S.S Programme Officer Award" given by Anna University, Chennai. National Service Scheme from India (2021).