



Publications

Departmental publications Google scholar link :

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Journal Publications :2023

1. Reddy, N. S., Subramanya, S. G., Vishwanath, K. C., Karthikeyan, M., & Kanchiraya, S. (2022). Enhancing the thermal efficiency of parabolic trough collector using rotary receiver tube. *Sustainable Energy Technologies and Assessments*, 51, 101941.
2. Keerthana, P., Ravi, G., Pant, K., & Sudhakar, M. (2022). Bio polymer based food packaging using composite materials. *Materials Today: Proceedings*, 66, 834-837.
3. VV Thanigaivelan, M. R., Rajesh, S., Shanmugam, P., Swamy, G. M., & Fuskele, V. (2022). Impact of Cashew Nut Shell Liquid Biofuel on Performance and Emission Characteristics in Diesel Engine. *Journal of Algebraic Statistics*, 13(3), 3944-3951.
4. Matti, S., Shivakumar, B. P., Holi, S., & Siddappa, P. N. (2022). Effect of Heat Treatment on Mechanical Behavior of Al7075-Based Hybrid Composites. In *Advances in Modern Machining Processes: Proceedings of AIMTDR 2021* (pp. 345-359). Singapore: Springer Nature Singapore.
5. Kavyashree, M. B., Kulenur, S., Nagesh, P., & Nanjundeshwaraswamy, T. S. (2023). Relationship between Human Resource Management Practices and Employee Engagement. *Brazilian Journal of Operations & Production Management*, 20(1), 1331-1331.
6. Nagaraja, T. K., Yogesha, K. B., & Mruthunjaya, M. (2023). Experimental and Numerical Analysis of Diametric Compression Test of FRP Rings. In *Advances in Material Science and Metallurgy: Select Proceedings of ICFAMMT 2022* (pp. 167-179). Singapore: Springer Nature Singapore.
7. Hallera Basavarajappa Marulasiddeshi, Praveen Kumar Kanti, Mehdi Jamei, Sajjal Basanna Prakash, Somalapura Nagappa Sridhara, & Zafar Said, (2022). Experimental study on the thermal properties of Al₂O₃ -CuO /water hybrid nanofluids: Development of an artificial intelligence model: *International Journal of Energy Research*.
8. Raghavendra, B. V., & Pai, D. K. (2023). Influence of Crossover Probability on Performance of Genetic Algorithm in Scheduling of Parallel Machines. *Techniques and Innovation in Engineering Research and Technology* Vol. 5, 27-36.

9. GS, P. K., Sachit, T. S., Mruthunjaya, M., Kumar, H., Yogaraju, R., & Jangam, S. (2023). Mechanical and Tribological Properties of Polymer Composites Developed by FDM. In *Development, Properties, and Industrial Applications of 3D Printed Polymer Composites* (pp. 53-65). IGI Global.
10. Venkatesh, B. N., Hebbal, U., Siddappa, P. N., Kousik, S., & Nagaraja, T. K. (2022). Optimization of FSW parameters of AA6061-6 wt.% SiC composite plates. *Manufacturing Review*, 9, 34.
11. Srinidhi Acharya, S. R., Suresh, P. M., & Mruthunjaya, M. (2023). Influence of Silicon Carbide Particulates on Vibrational Characteristics for Al 7075 Composites. *Journal of The Institution of Engineers (India): Series D*, 1-10.
12. Narayanasamy, M. P., Smaisim, G. F., Abed, A. M., Joseph Leon, S. L., & Subramani, K. (2023). Experimental and Computational Analysis of Pin-Fin Profiles for Aerospace Applications. *Iranian Journal of Science and Technology, Transactions of Mechanical Engineering*, 1-11.

Conference Publications:2023

1. Kumar, K. A., Rajneesh, H., & Madhu, H. C. (2023). Experimental Investigations on Effect of Tool Welding Speed on Microstructure and Tensile Properties of FSW Dissimilar Joints Reinforced with Sic Nanoparticles. In *Modern Manufacturing Systems* (pp. 231-244). Apple Academic Press.
2. Nagaraja, T. K., Giridhar, D. S., Babu, G. S., & Srikanth, A. K. (2022, October). Emergency portable life raft product development. In *AIP Conference Proceedings* (Vol. 2653, No. 1, p. 020017). AIP Publishing LLC.
3. Beloor, V., Nanjundeswaraswamy, T. S., Swamy, D. R., Aishwarya, S. P., & Gowda, N. B. (2022). Modeling facilitators of sustainable manufacturing practices- An integrated Pareto, ISM and MICMAC approach. *Materials Today: Proceedings*, 66, 2642-2649

Journal Publications :2022

1. S, K., Suresh, R., Annigeri, A. R., U B, Praveen. K., & N, Bharath. M. (2022). Performance analysis of quadruped robot designed with Desai's walking leg mechanism. Australian Journal of Mechanical Engineering(WOS)
2. Mahendra kumara C,B. V. Raghavendra (2022). Tribological Behavior of Multiwalled Carbon Nanotube Reinforced Aluminium Metal Matrix Composite. International Journal of Mechanical Engineering. (Scopus)
3. HarishU.,MruthunjayaM.,Yogesha K. B., Siddappa P. N., Anil Kumar K. S. (2022). Enhancing The Performance Of Inconel 601Alloy By Erosion Resistant Wc-Cr-Co Coated Material, Journal of Engineering Science and Technology. (WOS)
4. U Harish, M Mruthunjaya, K Naresha, G Madhu, (2022). Effect of the coating material compositions on the life of gas turbine hot section components, AIP Conference Proceedings. (Scopus)
5. TS Nanjundeswaraswamy, Vanishree Beloor, (2022). Quality of work life of employees working in the Indian garment industry, Research Journal of Textile and Apparel (Scopus)
6. TS Nanjundeswaraswamy, Sindu Bharath, P Nagesh, (2022). Employer branding: design and development of a scale, Journal of Economic and Administrative Sciences. (Scopus)
7. TS Nanjundeswaraswamy, (2022). Design And Development Of A Scale To Measure Student's Perceptions On Online Learning, Proceedings on Engineering. (Scopus)
8. Vanishree Beloor, TS Nanjundeswaraswamy, DR Swamy, SP Aishwarya, N Bharath Gowda, (2022). Modeling facilitators of sustainable manufacturing practices-An integrated Pareto, ISM and MICMAC approach, Materials Today: Proceedings. (WoS and Scopus)
9. R Rohith, G Ruthvik, KP Raju, TS Nanjundeswaraswamy, (2022). CHEMICAL MACHINING PROCESS-A REVIEW, Proceedings on Engineering(Scopus)
10. NL Nikhil, Praveen Kumar, Raveen Kumar, TS Nanjundeswaraswamy, (2022). Use Of Non-Traditional Machining In The Textile Industry, Proceedings on Engineering. (Scopus)
11. TS Nanjundeswaraswamy, Swamy Devappa Renuka, Rashmi Srinivasaiah(2022). A study on quality of work life of employees in LPG bottling plant, Brazilian Journal of Operations & Production Management. (Scopus)
12. BR Veeresh, R Suresh, SS Gowreesh, (2022). Numerical investigation of residual stresses in welded joints of cylindrical shell, Metallurgical and Materials Engineering. (Scopus)

13. BR Veeresh, R Suresh, SS Gowreesh, , (2022). Numerical investigation of residual stresses in circumferential and longitudinal welded joints, International Journal of Advanced Technology and Engineering Exploration. (Scopus)
14. KS Anil Kumar, KB Yogesha, (2022). Experimental investigations to find the effect of post weld heat treatment (PWHT) on the microstructure and mechanical properties of FSW dissimilar joints of AA2024-T351 and AA7075-T651, Materials Today: Proceedings. (WoS and Scopus)
15. BG Prashantha, GSVL Narasimham, S Seetharamu, Vinayak B Hemadri, (2022). Theoretical evaluation of stack-based thermoacoustic refrigerators, International Journal of Air-Conditioning and Refrigeration. (WOS)
16. PN Siddappa, BP Shivakumar, M Mruthunjaya, KS Anil Kumar, (2022). Sliding Wear Behavior of Cast, Cold Extruded, and Precipitation-Hardened Al/TiCp Metal Matrix Composite, Advances in Micro and Nano Manufacturing and Surface Engineering. (Scopus)
17. Srikanth A.K. Nagaraja T.K., Giridhar D. S., Gaurav S. Babu, (2022). Emergency Portable Life Raft Product Development, AIP Conference Proceedings. (Scopus)
18. Siddesh Matti, BP Shivakumar, Madeva Nagaral, S Shashidhar, PN Siddappa, Virupaxi Auradi, (2022). Mechanical and tribological behavior of flyash, red mud and mica particles reinforced Al7075 alloy hybrid metal composites, Manufacturing Review (WOS)
19. Siddappa P N, B.P.ShivakumarYogeshaK.B.” Synthesis and characterization of cold extruded Al/TiC metal matrix composite produced by stir casting technique” Materials Today: Proceedings. (WoS and Scopus)
20. Bala Naga Bharath Chinni, P.N. Siddappa, (2022). Design and analysis of front spar wing-tip segment for a small transport aircraft, Materials Today: Proceedings. (WoS and Scopus)

Conference Publications:2022

1. Siddappa P N, B.P.ShivakumarYogeshaK.B.” Synthesis and characterization of cold extruded Al/TiC metal matrix composite produced by stir casting technique” (SME 2021),19-21 November 2021
2. Bala NagaBharath ChinniSiddappaP.N..”Design and analysis of front spar wing- tip segment for a small transport aircraft”, 3rd International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering.
3. Sri Sai P.Reddy Rohan.,Suresh,Hanamantraygouda.M.B.,B.P.Shivakumar” Use of composite materials and hybrid composites in wind turbine blades” (SME 2021),19-21 November 2021

4. Nagaraja T.K., Venkatesh B.N., Umamaheshwar Hebbal, "Study of Ultra High Molecular Weight Polyethylene Nano Composite for Orthopaedic Application" PDCUBE 2021.

Journal Publications :2021

1. Reddy, N. S., Subramanya, S. G., Vishwanath, K. C., Kanchiraya, S., Satheesha, V., & Karthikeyan, M. (2021). Analysis of tube-in-tube copper helical heat exchanger to improve heat transfer. *Materials Today: Proceedings*.
2. Kumar, K. A., & Yogesha, K. B. (2021). Experimental investigations to find the effect of post weld heat treatment (PWHT) on the microstructure and mechanical properties of FSW dissimilar joints of AA2024-T351 and AA7075-T651. *Materials Today: Proceedings*. (WoS and Scopus)
3. JP. Savina, B.V. Raghavendra, D. Rangappa. Experimental investigation on mechanical and tribological behaviour of surfactant coated multi-walled carbon nano tubes reinforced aluminium 6065-silicon metal matrix composite. *Lett. Mater.*, 2021, 11(1) 73-78, <https://doi.org/10.22226/2410-3535-2021-1-73-78>, (WoS and Scopus)
4. Nanjundeswaraswamy, T. S. (2021). Nurses quality of work life: scale development and validation. *Journal of Economic and Administrative Sciences*.(WOS)
5. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2021). Knowledge management processes and organizational culture in the higher educational technical institutions. *Journal of Economic and Administrative Sciences*.(WOS)
6. Siddappa, P. N., Shivakumar, B. P., & Yogesha, K. B. (2021). Synthesis and characterization of cold extruded Al/TiC metal matrix composite produced by stir casting technique. *Materials Today: Proceedings*. (WoS and Scopus)
7. J. S. Srikantamurthy, Anandkumar R. Annigeri, and Raghavendra B. V., Free Vibration Analysis of Layered Magneto-Electro-Elastic Truncated Conical Shells, *Journal of Applied Science and Engineering*, Vol. 23, No 4, 2020, pp:669-676, [https://doi.org/10.6180/jase.2020_23\(4\).0011](https://doi.org/10.6180/jase.2020_23(4).0011). (WoS and Scopus)
8. K.C.Anantha Padmanbham, Mruthunjaya. M, Darshan B.G (2021),Effect of Reinforcement, Load and sliding distance on Al-4.5%wt Copper Matrix Hybrid, *International Journal of Engineering and Advanced Technology (IJEAT)*
9. Harish, U., Mruthunjaya, M., Naresha, K., & Madhu, G. (2021, February). Effect of the coating material compositions on the life of gas turbine hot section components. In *AIP Conference Proceedings* (Vol. 2316, No. 1, p. 030036). AIP Publishing LLC.
10. Mruthunjaya M. & Yogesha K.B. , "A review on conventional and thermal assisted machining of titanium-based alloy". *Materials Today: Proceedings*. (WoS and Scopus), April 2021. <https://doi.org/10.1016/j.matpr.2021.03.490>.

11. Srikantamurthy, Anandkumar R Annigeri (2021) Free Vibration Analysis of Multiphase Magneto-Electro-Elastic Composite Conical Shells. Indian Journal of Science and Technology 14(19), pp. 1525-1533. <https://doi.org/10.17485/IJST/v14i18.304> (WoS)
12. Siddesh Matti, B P Shivakumar, S Shashidhar and Madeva NagaraI, "Dry sliding wear behavior of Mica, Fly Ash and Red Mud particles reinforced Al7075 alloy hybrid metal matrix composites", Indian Journal of Science and Technology, Vol. No.: 14, Issue: 4, pp: 310-318, DOI: 10.17485/IJST/v14i4.2081, Feb.2021, Indexed by Web of Science.
13. T S Nanjundeswaraswamy (2021) ,"Role of innovation in Quality Management Practices - A frame work", gis.Science - Die Zeitschrift fur Geoinformatik, Vol 8, Issue 5, Page No: 322-342, 20.18001.GSJ.2021.V8I5.21.37097 (Scopus)
14. Chaya J Swamy, Vanishree Beloor, T S Nanjundeswaraswamy (2021), Recruitment And Selection Process In The It Firms, gis.Science - Die Zeitschrift fur Geoinformatik, Vol 8, Issue 5, Page No: 343-356, 20.18001.GSJ.2021.V8I5.21.37098 (Scopus)
15. Nanjundeswaraswamy, T. S., Shilpa Divakar (2021). Determination of sample size and sampling methods in applied research. Proceedings on Engineering, 3(1), pp 25-32, DOI: 10.24874/PES03.01.003
16. Kousik S, Lakshmi Prasad L, Amrutha. G, Bharath B H & Divya H S (2021), 3D Printing Nanotechnology in Nano-Medicine, International Journal Of Innovative Research In Technology, 8(7), 46-53.

Conference Publications:2021

1. Sri Sai P. Reddy, Rohan, Suresh, Hanamantraygouda M. B. and B. P. Shivakumar "Use of composite materials and hybrid composites in wind turbine blades", Int. Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy (SME 2020), NMAMIT, Nitte, Karnataka, Elsevier:Materials Today Proceedings, Feb. 2021, doi.org/10.1016/j.matpr.2021.02.745 Indexed by Scopus.
2. Siddappa P.N., B.P. Shivakumar and Yogesha K.B., "Synthesis and characterization of cold extruded Al/TiC, metal matrix composite produced by stir casting technique", Int. Conference on "Smart and Sustainable Developments in Materials, Manufacturing and Energy (SME 2020), NMAMIT, Nitte, Karnataka, Elsevier: Materials Today: Proceedings, Jan. 2021, doi.org/10.1016/j.matpr.2021.01.757 Indexed by Scopus.
3. Anil Kumar K.S., & Yogesha, K. B. (2021). Experimental investigations to find the effect of post weld heat treatment (PWHT) on the microstructure and mechanical properties of FSW dissimilar joints of AA2024-T351 and AA7075-T651. Materials Today: Proceedings. (WoS and Scopus)

Journal Publications:2020

1. Sadanand Sarapure, B.P. Shivakumar, M.B. Hanamantraygouda, (2020). "Investigation of Corrosion Behavior of SiC-Reinforced Al 6061/SiC Metal Matrix Composites Using Taguchi Technique", *Journal of Bio- and Tribo-Corrosion*. DOI:org/10.1007/s40735-020-0328-3, (WoS).
2. B.M. Girish, B.P. Shivakumar, M.B. Hanamantraygouda, B.M. Satish, (2020). Wear behaviour of hot forged SiC reinforced aluminium 6061 Composite materials, *Australian Journal of Mechanical Engineering*, DOI: 10.1080/14484846.2020.1714353, (WoS).
3. Shivamanappa. G. Desai, Anandkumar. R. Annigeri and A. TimmanaGouda (2019). Analysis of a new single degree-of-freedom eight link leg mechanism for walking machine. *Mechanism and Machine Theory*, 140(October 2019), 747-764. DOI: [10.1016/j.mechmachtheory.2019.06.002](https://doi.org/10.1016/j.mechmachtheory.2019.06.002)
4. Savina JP, *Raghavendra BV*. Investigation on Influence of Anionic Surfactant for Homogenisation of MWCNT in Aluminium 6065 Matrix, *IJUM Engineering Journal*, Vol. 21, No. 2, 2020. pp: 186-196. <https://doi.org/10.31436/ijumej.v21i2.1317>. (WoS and Scopus)
5. *B.V.Raghavendra*, Hybrid Genetic Algorithm for Bi-Criteria Objectives in Scheduling Process, *Management and Production Engineering Review*, Volume 11 , Number 2 , June 2020 , pp: 107-112. (Scopus)
6. Mahendra Kumar, C. *Raghavendra, B. V.* Effect of carbon nanotube in aluminium metal matrix composites on mechanical properties, *Journal of Engineering Science and Technology*, Vol. 15, No. 2 (2020) 919 - 930. (WoS and Scopus)
7. M. Prajwal, Yogesha K. B, Kalmeshwar Ullegaddi, K. G. Basava Kumar (2020), Energy Release Rate Evaluation of Bi-material Interface Cracks, Springer, e-Book chapter: Springer Proceedings in Materials, 8, pp: 781-792, DOI: https://doi.org/10.1007/978-981-15-7827-4_79 (SCOPUS).
8. Srikantamurthy J S, Veeresh B R, Gowreesh S Subramanya, Anandkumar R Annigeri, (2020). An Experimental Investigation on Pre-Processing of Areca Leaf for Shredding Using A Domestic Mixer, *International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies*, 11(8), Paper ID:11A8B. DOI: [10.14456/ITJEMAST.2020.143](https://doi.org/10.14456/ITJEMAST.2020.143)
9. Anil Kumar, K.S., Murigendrappa, S.M., and Hemantha Kumar (2019). Experimental investigation on effects of varying volume fractions of SiC nano particle reinforcement on microstructure and mechanical properties in friction-stir-welded dissimilar joints of AA2024-T351 and AA7075-T651. *Journal of Materials Research*, 34(7), 1229-1247, DOI: 10.1557/jmr.2018.445, (SCI Indexed, WoS and SCOPUS).

10. B. G. Prashantha, D. R. Swamy, Bhimasen Soragaon, and T. S. Nanjundeswaraswamy, „Design Optimization and Analysis of Thermoacoustic Refrigerators“, International Journal of Air-Conditioning and Refrigeration, Vol. 28, No. 03, 2020, pp. ...
11. Santhosh Kumar.B.M , D.P.Girish , Yogesha K.B , M.C.Jeevan “Influence of hybrid reinforcement on thermal conductivity of Al7075 based composites” Materials Research Express, Volume No.:6 ,Issue No.:1,Year: Nov. 2019 ,Page No.:1-9 (WOS)
12. Ullegaddi, K., Mahesha, C. R., & Shivarudraiah. (2019). Tribological Properties of Basalt Fibers - A Review. Materials Science Forum, 969, 335-342. <https://doi.org/10.4028/www.scientific.net/msf.969.335>. (Scopus).
13. Patil N., Shivarudraiah, Amaresh Kumar D., Ullegaddi K. (2020) Effect of Autofrettage on the Properties of the Aluminium Cylinders. Intelligent Manufacturing and Energy Sustainability. Smart Innovation, Systems and Technologies, vol. 169. Springer, Singapore. https://doi.org/10.1007/978-981-15-1616-0_36. (Scopus).
14. Ullegaddi K., Mahesha C.R., Shivarudraiah (2020) Influence of Graphene and Tungsten Carbide Reinforcement on Tensile and Flexural Strength of Glass Fibre Epoxy Composites. Intelligent Manufacturing and Energy Sustainability. Smart Innovation, Systems and Technologies, vol. 169. Springer, Singapore. https://doi.org/10.1007/978-981-15-1616-0_37. (Scopus).
15. Prajwal M., Yogesha K.B., Ullegaddi K., Basava Kumar K.G. (2020) Energy Release Rate Evaluation of Bi-material Interface Cracks. In: Praveen Kumar A., Dirgantara T., Krishna P.V. (eds) Advances in Lightweight Materials and Structures. Springer Proceedings in Materials, vol 8. Springer, Singapore. https://doi.org/10.1007/978-981-15-7827-4_79. (Scopus).
16. Patil N., Shivarudraiah, Ullegaddi K. (2021) Numerical Analysis of Autofrettaged High-Pressure Aluminium Cylinder. Advances in Industrial Automation and Smart Manufacturing. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-15-4739-3_53. (Scopus).
17. Venkatesh BN, M.S.Bhagyashekar (2020). “Influence of Friction Stir Welding Process Parameters on Mechanical Properties of AA6061-9 wt.% SiC Composites”, Advances in Lightweight Materials and Structures, Springer, Volume 8, Page No: 683-693, DOI: 10.1007/978-981-15-7827-4 (WoS and Scopus).
18. Nanjundeswaraswamy T S, Nagesh P, Swamy D R (2020). Leadership Styles In Mediating The Relationship Between Quality Of Work Life And Employee Commitment. International Journal for Quality Research, 14(2). DOI: 10.24874/IJQR14.02-04 (WoS and SCOPUS)
19. Rashmi S, Swamy DR, T S Nanjundeswaraswamy, (2020). Quality Management Practices In Oil And Gas Industry (2020), International Journal for Quality Research 14(2) DOI: 10.24874/IJQR14.02-06, (WoS and SCOPUS)

20. Beloor, V., Swamy, C. J., Nanjundeswaraswamy, T. S., Swamy, D. R., & Nagesh, P. (2020). A study on job satisfaction and employee welfare in garment industries. *Indian Journal of Science and Technology*, 13(33), 3445-3456. (WoS)
21. Design Optimization and Analysis of Thermoacoustic Refrigerators. *International Journal of Air-Conditioning and Refrigeration*. doi.org/10.1142/S2010132520500200. Volume No. 28, IssueNo.03. (WoS and SCOPUS)
22. Mahesh, B. P., and T. S. Nanjundeswaraswamy (2020) "Quality Of Work Life Of Employees In Corporate Sector Of India." Volume 11 No.12, DOI: 10.14456/ITJEMAST.2020.241
23. Nanjundeswaraswamy, T. S., Kavya, M. A., & Sanjana, C. M. (2020). Job Satisfaction Of Employees Working In Manufacturing SMEs. *Proceedings on Engineering*, 2(1), 13-20. pp 13-20, doi: 10.24874/PES02.01.002
24. Nanjundeswaraswamy, T. S., Sanjana, C. M., & Kavya, M. A. (2020). Employee retention in manufacturing units. *Proceedings on Engineering*, 2(1), 3-12. pp 3-12, doi: 10.24874/PES02.01.001
25. Yogesha K. B., Siddappa P. N., B. P. Shivakumar, Mruthunjaya M., "Mechanical and Tribological Characterization of Hybrid Composites: A Review", *Materials Today Proceedings from Elsevier*, May 2020. (WoS & Scopus), <https://doi.org/10.1016/j.matpr.2020.03.357>.
26. G.M. Swamy, Dr. T.S Nanjundeswaraswamy (2020), Using Taguchi Approach Optimization Of Surface Roughness And Cutting Tool Flank Wear In Turning And Drilling Operations, *gis.Science - Die Zeitschrift fur Geoinformatik*, Vol 7, Issue 12, Page No: 1197-1208, DOI: 20.18001.GSJ.2020.V7I11.20.36224, (SCOPUS)

Conference Publications:2020

1. Siddesh Matti, B.P. Shivakumar, (2020). Effect of Hybrid Reinforcement on Mechanical Behavior of Al7075 based Composites, Proc. of 2nd International conference on Advances in Mechanical Engineering Sciences - ICAMES 2K20, PES College of Engineering, Mandya, (Scopus).
2. K.S. Anil Kumar, H. Rajneesh & H.C. Madhu (2020) Experimental investigations on effect of tool welding speed on microstructure and tensile properties of FSW dissimilar joints reinforced with SiC nano particles. International conference on Industrial and Manufacturing Systems (CIMS), 9th-11th October, 2020, Dr. Ambedkar National Institute of Technology Jalhandhar (NITJ), Punjab.
3. Anil Kumar, K.S., H. Rajneesh, & H.C. Madhu (2019). Effect of SiC nano particles on grain stability of friction stir processed AA7075. International Conference on Materials and Manufacturing Methods (MMM 19), National Institute of Technology, Trichy held from 5th-7th July, 2019. *Materials Today Proceedings*, (Scopus Indexed conference proceedings), DOI: 10.1016/j.matpr.2019.11.028
4. M. Prajwal , K. B. Yogesha , Kalmeshwar Ullegaddi and K. G. Basava Kumar, "Energy Release Rate Evaluation of Bi-material Interface Cracks", *Advances in*

Lightweight Materials and Structures, Vol. 8, 2020. Springer, Singapore

5. Venkatesh BN, M.S.Bhagyashekar paper titled “ Studies on Microstructure and Mechanical Properties of Friction stir Welded AA6061 Composites Containing SiC” , in National E-Conference on Innovative processing methods for synthesizing advance structure and functional materials(NEC-IPSASFM-2020) at HKBK college of Engg, on 8/10/20 to 9/10/20
6. Umamaheshwar Hebbal,” Performance analysis of nanofluid based photovoltaic thermal (PVT) solar collectors: A review”, International conference on "Recent advances on renewable energy",2020, Bluerose Publishers

Journal Publications:2019

1. K C Anantha Padmanabham, Mruthunjaya M., B.P. Shivakumar, Yogesha K.B., Siddappa P.N., (2019). Microstructure studies and mechanical characterisation of t6 Heat treated aluminium and copper-based alloy reinforced with Zircon and graphite composite, Journal of Engineering Science & Technology, School of Engineering, Taylor’s University, Vol. No. 14, Issue No. 4, Indexed by (WoS and Scopus).
2. B P Mahesh, Bhimasesan Soragaon, Anandkumar Annigeri, „Reduction of Patient Wait Time at a Multi-Specialty Hospital using DMAIC Methodology and Factor Analysis, International Journal of Engineering & Technology, 7 (4.25), 2018, 309-312.
3. Radha Halagani and Bhimasesan Soragaon, Problems and challenges in Harvesting of biomass energy fuels, International Journal of Creative Research Thoughts, Volume 6, Issue 1, 2018, pp. 9-15.
4. Raghavendra B.V, Effect of Crossover Probability on Performance of Genetic Algorithm in Scheduling of Parallel Machines for BI- Criteria Objectives, International Journal of Engineering and Advanced Technology (ISSN: 2249 - 8958), Volume-9 Issue-1, 2019, pp: 2827-2831. (Scopus)
5. J.P. Savina, B.V.Raghavendra, Effect of Fabrication Methods on Mechanical Properties and Machining Parameters of Aluminium Matrix Composites-A Review. Materials Today: Proceedings (ISSN: 2214-7853), Volume 5, Issue 10, 2018, pp: 22576-22580, DOI: 10.1016/j.matpr.2018.06.631. (Scopus)
6. Raghavendra B.V, Scheduling in parallel machines environment using genetic algorithm Journal of Applied Engineering Science (ISSN 1451-4117), 16(2018) 1, 495, pp 36-42, DOI: 10.5937/jaes16-14953. (Scopus)
7. Alam Radhika & Shailesh Rao A Yogesh K B (2019), Evaluating machining performance of AISI 1014 steel using gingelly oil as cutting fluid, Evaluating machining performance of AISI 1014 steel using gingelly oil as cutting fluid. Australian Journal of Mechanical Engineering, pp: 1-12, DOI: <https://doi.org/10.1080/14484846.2019.1636517> (WoS).
8. Devappa, T M Chandrashekharaiah (2018) Studies on the Effect of Al-1Ti-3B

and Al-10Sr Master Alloys on Fracture Toughness and Fractographical Analysis of Binary Al-10Si Alloy. International Journal of Latest Technology in Engineering, Management & Applied Science Volume VII, Issue III.

9. Devappa, T M Chandrashekharaiyah (2018) Effect of Structural Changes on Microstructure, Mechanical Properties and Fractographical Analysis of Binary Al-12Si Base Alloy. International Journal of Research and Scientific Innovation. Volume V, Issue IV.
10. Veeresh Murthy, U. Kalmeshwar, B.M. Rajaprakash, R. Rajashekar, Study on influence of concave geometry shoulder tool in Friction Stir Welding (FSW) by using Image Processing and Acoustic Emission Techniques, Materials Today: Proceedings, Volume 5, Issue 13, Part 3, 2018, Pages 27004-27017, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2018.09.004>. (Scopus).
11. Santhosh Kumar.B.M , D.P.Girish "Evaluation of wear characteristic of Aluminium 7075 based metal matrix composite" IJASRE, ISSN: 2454-8006, Vol-04, Issue-02, FEB-2018.
12. Rashmi S, Swamy DR, T S Nanjundeswaraswamy, (2019) " Scale Development of Critical Success Factors for Quality Management Practices: Evidence from Indian Manufacturing SMEs, International Journal of Quality Engineering and Technology. 7(3), 256-297, (SCOPUS)
13. Vanishree Beloor, T S Nanjundeswaraswamy, Swamy D R (2019). Quality of work life - development and scale validation for textile sectors in India. International Journal of Engineering and Advanced Technology, Vol-8 Issue-6, pp 1736-1747. (SCOPUS)
14. T S, Nanjundeswaraswamy(2019). Development and Validation Of Job Satisfaction Scale For Different Sectors. International Journal for Quality Research, 13(1). (WoS and SCOPUS)
15. Chaya J Swamy, Nagesh P, T S Nanjundeswaraswamy (2019). Factors Effects on Employee Retention in Manufacturing Firms., International Journal of Engineering and Advanced Technology, Vol-9 Issue-1, pp 4667-4672. (SCOPUS)
16. Rajathesh B C, Vinay G, Shivayogi C Akki , Dr T S Nanjundeswaraswamy (2019). Process Parameters of Ultrasonic Machining. International Journal of Recent Technology and Engineering, 8(4), pp 8949-8955. (SCOPUS)
17. Sagar, V. D., & Nanjundeswaraswamy, T. S. (2019). Artificial Intelligence in Autonomous Vehicles-a Literature Review. i-Manager's Journal on Future Engineering and Technology, 14(3), 56.
18. TS Nanjundeswaraswamy, V Beloor, DR Swamy, Nagesh (2019) Empirical Study on Effect of Welfare Facilities on Job Satisfaction, Advances In Management Vol 12(1),
19. T S Nanjundeswaraswamy Varun R (2019) A Literature Review on Parameters Influencing Abrasive Jet Machining and Abrasive Water Jet Machining, Journal of Engineering Research and Application, 9(1).
20. Anurag Raj, Anirudh V, Dr T S Nanjundeswaraswamy (2019). Chemical

Machining Process - An Overview. International Research Journal of Innovations in Engineering and Technology, Volume 3, Issue 11, pp 37-39.

21. Nagendra A Raikar, Ramashiva R, Yathish N, T S Nanjundeswaraswamy (2019). Ultrasonic Machining Process. International Research Journal of Innovations in Engineering and Technolog. 3(11), pp 82-89.
22. Syed Aiman, R. S Bhargav, Vikhyath. V, Darshan K. A, Ashitraj. V, Dr. T. S. Nanjundeswaraswamy (2019). Process Characteristics of Abrasive Jet Machining. International Journal of Engineering Research & Technology, 8(11), pp 593-598.
23. Khushaal B, Tejas H S, Preran K, Abhishek S, Saqlain Imran, Dr T S Nanjundeswaraswamy (2019). Abrasive Water Jet Machining. International Research Journal of Innovations in Engineering and Technology, 3(11), pp 61-65.
24. Siddappa P.N. Abhishek R., Nuthan Babu G R, Aditya D, Ajay Kumar H "Electrochemical machining tooling technique & insulation materials" International Journal of Latest Technology in Engineering & Management (IJLTEM) Volume 3, Issue 6, Pages 1-4, 2019

Conference Publications:2019

1. B. P. Shivakumar, Hanamantraygouda M B, L. Prashanth, Yogesha K B, Siddappa P. N., Mrityunjaya M., 2019. Effect of SiC Particulate on Dry Sliding Wear Behaviour of Al based Forged Metal Matrix Composites, Mechanisms and Machine Science book series (Mechanisms, Machine Science), IFToMM 2019 at Krakow, Poland, DOI: 10.1007/978-3-030-20131-9_387, (WoS & Scopus).
2. Yogesha K. B., Siddappa P. N., B. P. Shivakumar, Mruthunjaya M., 2019. Mechanical and Tribological Characterization of Hybrid Composites: A Review, ICMMM 2019, VIT, Vellore, Materials Today Proceedings from Elsevier (Scopus).
3. Siddappa P N, B P Shivakumar, Yogesha K B, Mruthunjaya M., D. P. Girish, 2019. The effect of TiC particulate reinforcement on dry sliding wear behaviour of Al based composites, VIT, Vellore, Materials Today Proceedings from Elsevier (Scopus).
4. Suresh Holi, B. P. Shivakumar, 2018. Routing Flexibility in Job Shop Scheduling Problem -A Genetic Algorithm Approach, International Journal of Research and Scientific Innovation | pp. 60-64, Volume V, Issue XI, ISSN 2321-2705.
5. Suresh Holi, B.P. Shivakumar, 2018. A Genetic Algorithm Based Approach to Job Shop Scheduling with Sequence Dependent Setup Times, International Journal of Latest Technology in Engineering, Management & Applied Science, pp. 48-52, Volume VII, Issue X, ISSN 2278-2540.
6. Shivamanappa. G. Desai, Anandkumar. R. Annigeri, (2019, May 17 -18).

Kinematic analysis of planar linkages using MATLAB, National Conference on Emerging Trends in Materials, Design and Manufacturing (NCMDM - 2019), JSS Academy of Technical Education, Bengaluru.

7. Bhimasen Soragaon, B P Mahesh and Anandkumar R Annigeri (2018, July 26-27). Output Level Improvement in Small and Medium-Sized Manufacturing Enterprises with Regard to Factors Influencing Production-workers, International Conference on Industrial Engineering and Operations Management, Paris, France.
8. Anil Kumar, K.S., Murigendrappa, S.M., & Hemantha Kumar (2019). Influence of tool probe offset and varying traverse speed on microstructure and mechanical properties of FSW dissimilar joints of AA2024-T351 and AA7075-T651. Advances in Additive Manufacturing and Joining, Lecture Notes on Multidisciplinary Industrial Engineering, Proceedings of 7th International and 28th All India Manufacturing Technology, Design and Research conference (AIMTDR 2018), College of Engineering (CEG), Anna University, Chennai, DOI: 10.1007/978-981-32-9433-2_48.
9. Anil Kumar, K.S., Murigendrappa, S.M., Hemantha Kumar, and Himanshu shekar (2018). Effect of tool rotation speed on microstructure and tensile properties of FSW joints of 2024-T351 and 7075-T651 reinforced with SiC nano particle: The role of FSW single pass. International conference on Design, Materials and Manufacture (IcDEM 2018), 29th-31st January, 2018, NITK Surathkal, India. AIP Conference Proceedings, 1943(1,020056), AIP Publishing, DOI:10.1063/1.5029632 (Scopus Indexed).
10. Bhimasen Soragaon, B P Mahesh, Anandkumar Annigeri, „Output level improvement in small and medium-sized manufacturing enterprises with regard to factors influencing production-workers“, Proceedings of the International Conference on Industrial Engineering and Operations Management (IEOM), Paris, France, July 26-27, 2018, pp. 3057-3068.
11. Bhimasen Soragaon, V Sivakumar and K S Mahesh, „On Some Aspects of Indirect Attainment of Course Outcomes and Program Outcomes in a Tier - II Engineering Institution“, Proceedings of World Summit on Accreditation (WOSA), held at New Delhi on 7-9, Sept. 2018.
12. Santhosh Kumar.B.M , D.P.Girish “Friction and Wear Behaviour of Tungsten Carbide and E Glass Fiber reinforced Al 7075 based Hybrid composites” IOP Conf. Series: Materials Science and Engineering-The 3rd International Conference on Materials and Manufacturing Engineering 2018.

Journal publication:2018

1. Pavan Kumar M N, Anandkumar R Annigeri, Gowreesh S S, J S Srikanta Murthy (2017). Performance Analysis of Biodiesel Derived from Waste Cooking Oil on Four Stroke CI Engine, International Journal of Engineering Research & Technology (IJERT), 6(8).
2. Joel Hemanth, Yogesha K. B (2018), Finite Element Analysis (FEA) and Thermal Gradient of a Solid Rectangular Fin with Embossing”s for Aerospace applications, Advances in Aerospace Science and Technology, Vol: 3. Pages:49-60., DOI: Doi.org/10.4236/aast.2018.33004.

3. Kalmeshwar Ullegaddi, Veeresh Murthy, R.N. Harsha, Manjunatha, Friction Stir Welding Tool Design and Their Effect on Welding of AA-6082 T6, *Materials Today: Proceedings*, Volume 4, Issue 8, 2017, Pages 7962-7970, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2017.07.133>. (Web of Science).
4. Venkatesh BN, M.S.Bhagyashekar (2018). "Corrosion Studies of AA6061-SiC Composites and AA6061-4.5%Cu-SiCHybrid Composites before and after Friction Stir Welding", *International Journal of Engineering Science and Computing*, Volume 8, Issue 5, Pages 17612-17616.
5. Venkatesh BN, M.S.Bhagyashekar (2018). "Wear behaviour of friction stir welded AA6061-SiC composites and AA6061-4.5%Cu-SiC hybrid composite plates, *International Journal of Fracture and Damage Mechanics*" , Volume 4, Issue 5, Page No: 24-45..
6. V. Murthy, K. Ullegaddi, B. Mahesh, B.M. Rajaprakash, Application of Image Processing and Acoustic Emission Technique In Monitoring of Friction Stir Welding Process, *Materials Today: Proceedings*, Volume 4, Issue 8, 2017, s 9186-9195,ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2017.07.276>. (Web of Science).
7. Anup Teragundi , Bhavana Nanjundeswaraswamy (2018) Literature Review on Synthesis of ZnO Nano Particles Using Natural and Synthetic Methods, *International Journal of Research and Scientific Innovation*,5(10).
8. Swamy, TS Nanjundeswaraswamy (2017), *Advanced Manufacturing Technology And Demographical Factors In Manufacturing Small And Medium Enterprises-An Exploratory Study*, *Annals of the Faculty of Engineering Hunedoara*,15(1)
9. Beloor V, Nanjundeswaraswamy T, Swamy D (2017), *Employee Commitment and Quality of Work Life – A Literature Review*, *International Journal of Indian Psychology*, Volume 4, Issue 2, No. 86, ISSN:2348-5396 (e), ISSN:2349-3429 (p), DIP:18.01.040/20170402, ISBN:978-1-365-68609-2

Conference Publications:2018

1. Siddappa P.N, B.P. Shivakumar, Yogesha K.B., Mruthunjaya M., Hanumantrayagouda M.B. 2018, "Machinability study of Al-TiC metal matrix composite, *International Conference on Research in Mechanical Engg. Sciences*, DOI: [org/10.1051/mateconf/201814403001](https://doi.org/10.1051/mateconf/201814403001), (WoS).
2. Hanumantrayagouda M.B., B.P. Shivakumar, Siddappa P.N, Sampathkumar L Prashanth L. 2018, *Effect of Cold Forging on Microstructure and Mechanical Properties of Al/SiC Composites*, *IOP Conf. Series: Materials Sci. and Engg.*, 310, DOI:10.1088/1757-899X/310/1/012072, (WoS).
3. Anil Kumar, K.S., Murigendrappa, S.M., and Hemantha Kumar (2017). A Bottom-up Optimization Approach for Friction Stir Welding Parameters of Dissimilar AA2024-T351 and AA7075-T651 Alloys. *Journal Of Materials Engineering and Performance*, 26 (7), 3347-3367, DOI: 10.1007/s11665-017-2746-z, (SCIE Indexed , WoS and SCOPUS).
4. Veeresh Bhusnur, Bhimasen Soragaon and Hemanth Kumar C., „Productivity

Improvement of High-end CNC Machines Using DMAIC Methodology, International Journal of Engineering Research And Advanced Technology, Vol. 03, Issue 2, 2017, pp. 23-37.

5. Bhimasen Soragaon, B P Mahesh and Anandkumar Annigeri, „A descriptive statistics analysis of workers” personal factors on Overall Worker Effectiveness (OWE) - A case of manufacturing SMEs”, Proceedings of the National Conference on „Industrial Innovative Management Practices (IIMP - 2018) at Dr. AIT, Bengaluru, on 15 - 16, March 2018.
6. Bhimasen Soragaon, V Sivakumar, K S Mahesh “On Some Aspects of Indirect Attainment of Course Outcomes and Program Outcomes in a Tier-II Engineering Institution”, World Summit on Accreditation (WOSA - 2018), New Delhi.
7. G.M.Swamy,Dr.Shankaragoud Nyamannavar.Dr.M.Mruthunjaya.”(2017) on topic “Health monitoring of Tool in Drilling Mild Steel Using Acoustic Emission and Surface Roughness Techniques and Optimization of Process Parameters” on 19th to 20th of December 2017 in international conference - ICCMEH-2017 MIT-Manipal.

Journal Publications:2017

1. Siddappa P.N, B.P. Shivakumar “Characterization of mechanical properties of Al/TiCP MMC”, International Journal of Materials Research, Hanser Publications, 2017, DOI: 10.3139/146.111459, (WoS).
2. Hanumantrayagouda M.B., B.P. Shivakumar, S.B. Halesh, Siddappa P.N., Chetan D., 2017. Numerical Analysis of Cold Forging Effect on Mechanical Properties of Al/SiC Metal Matrix Composites, Journal of Mechanical and Civil Engg., DOI: 10.9790/1684-1401072635.
3. Darshan M K, Anandkumar R Annigeri, B.M. Santhosh Kumar (2016). Numerical analysis of effect of thermal performance of gas turbine nozzle guide vane, International Journal of Engineering Research and Advanced Technology,2(1),488- 494.
4. Bhimasen Soragaon and K S Mahesh, „Measuring Attainment of course Outcomes and Program Outcomes - A Simplified Approach as per Self - Assessment Report - June 2015”, IOSR Journal of Research & Method in Education (IOSR- JRME), Volume 6, Issue, 4, 2016, pp. 13 -18.
5. Somesh Singh and Bhimasen Soragaon, „Study of Mechanical Properties and Microstructure of Materials Used for the Manufacture of Ball-screws”, International Journal of Advances in Scientific Research and Engineering, Vol. 2, Issue 6, 2016, pp. 1-6.
6. Radha Halagani and Bhimasen Soragaon, „Different Aspects in Sugarcane Maturity Curve and Harvest Schedule - A Review”, International Journal of Engineering Research and Advanced Technology, Vol. 2, Issue 1, 2016, pp. 445-452.
7. Ambarish R. Rao, Abhishek Vishwakarma, Abhishek Chaturvedi, Tarkeshwar Kumar, Mr.PrajwalM, Dr.BV.Raghavendra, A Case Study on Assembly Line

Balancing in a Enclosure Manufacturing Sheet Metal Industry International Journal of Engineering Research And Advanced Technology (ISSN: 2454-6135), Special Volume 02, Issue 01, 2016, pp:515-520

8. Devappa, K I Parashivamurthy, Mruthunjaya M (2016) Microstructural Characterization and Hot Erosion Behavior of CrC-NiCr Coated Steel Using HVOF Technique. International Journal of Mechanical Engineering and Technology (IJMET) Volume VII, Issue III.
9. Sabarinath L, K S Mahesh, "Effect of Flame Hardening and Various Quenching Medium on the Mechanical and Metallurgical Properties of Grey Cast Iron Lathe Bed" International Journal of Advances in Scientific Research and Engineering, Vol. No. 02, Issue No. 07, pp: Year: 2016
10. G.M.Swamy, Tarun .S.V.(2016). "Design and Development of Hydrodynamic Vortex (Up-Flow) Pre tank Rainwater Filter". International Journal of informative and futuristic research(IJIFR), Volume No: 3, Issue: 12, Month & Year: Aug-2016, Page Nos. 4626-4649, Impact Factor:5.442
11. Prabhu Shankar , Mahesh , Nanjundeswaraswamy(2016), Employees" Perception on Work-Life Balance and its Relation with Job Satisfaction and Employee Commitment in Garment Industry-an Empirical Study" has been published in International Advanced Research Journal in Science, Engineering and Technology Vol. 3, Issue 11, November 2016
12. T Nanjundeswaraswamy, M Sandhya (2016), Quality of Work Life Components: A Literature Review, International Journal of Indian Psychology, Volume 3, Issue 4, No. 75, ISSN:2348-5396 (e), ISSN:2349-3429 (p), DIP:18.01.042/20160304, ISBN:978-1- 365-50727-4
13. Roopa, D. N., Nanjundeswaraswamy, T. S., & Swamy, D. R. (2016). An Exploratory Study on Counterproductive Work Behaviors of Nurses. International Journal of Engineering and Management Research (IJEMR), 6(3), 685-692.
14. Nanjundeswaraswamy, T. (2016). An empirical study on absenteeism in Garment industry. Management Science Letters, 6(4), 275-284.

Conference publication :2017

1. Bhimasen Soragaon and S R Sattigeri, „Production Process Planning and Scheduling in Manufacturing SMEs - A Preliminary Literature Review with Reference to Foundry Industries, International Conference on Operations Management and Research - Towards Operational Excellence“, held at SDMIMD, Mysuru on 21-22 January 2016.

Journal Publications:2016

1. Hanumantrayagouda M.B., B.P. Shivakumar, 2016. Investigation of effect of forging stages on Al/SiC metal matrix Composites fatigue behaviour, International Journal of Mechanical Engg., IASET publishers, ISSN(P): 2319-2240; ISSN(E): 2319-2259, Vol. 5, Issue 3, pp. 17-24.
2. Hanumantrayagouda M.B., B.P. Shivakumar, 2015. Effect of Forging condition

on Mechanical Properties of Al/SiC Metal Matrix Composites, Intl. Jour. of Engg. Research & Technology, ESRSA Publications, ISSN: 2278-0181, Vol. 4, Issue 5, PP: 567-571.

3. Anil Kumar, K.S., Anup S. Karur, Shravan Chipli, Ankith Singh (2015). Optimization of FSW Parameters to Improve the Mechanical Properties of AA2024-T351 Similar Joints Using Taguchi Method. Journal of Mechanical Engineering and Automation, 5(3B), 27-32, DOI: 10.5923/c.jmea.201502.06, (SCOPUS).
4. Devappa, T M Chandrashekharaiiah (2015) Studies on the effect of minor addition of Sr and Mg on the microstructure and mechanical properties of A413 Alloy. International Journal of Engineering Research and Technology (IJERT) Volume 4, Issue 6.
5. Devappa, T M Chandrashekharaiiah (2015) Studies on the Effect of Minor Addition of Sr and Mg on the Microstructure and Mechanical International Journal of Engineering Research and Technology (IJERT) Volume 4, Issue 6.
6. Devappa, G M Swamy, Tarun S V (2015) Design and Fabrication of Metal Chip Compactor. International Journal of Informative & Futuristic Research (IJIFR), Volue 3 Issue 2.
7. B Soragaon, KS Mahesh “Measuring Attainment of Course Outcomes and Program Outcomes-A Simplified Approach as per Self-Assessment Report-June 2015, IOSR Journal of Research & Method in Education 6 (4), p13-18
8. Kinsuk kumar, Saif sawood, Sushant kumar, Nitish Kumar Gupta, Umamaheshwar Hebbal, Prajwal M, Experimental investigation to study the thermal performance of a silicon carbide coated furnace, IJASRE, Vol. 2, Issue 05, 2016.
9. Ambarish R Rao, Abhishek Vishwakarma, Abhishek Chaturvedi, Tarkeshwar kumar, Prajwal M, B.V.Raghavendra, A Case study on assembly line balancing in a enclosure manufacturing industry, IJERAT, Vol. 2, Issue 01, 2016.
10. Santhosh Kumar.B.M , D.P.Girish “Assessment of Mechanical Properties of Aluminium 7075 based Metal Matrix Composite” IJERT, ISSN 2278-0181,Vol-5,Issue-02.FEB-2016
11. Santhosh Kumar.B.M “Numerical analysis of effect of thermal performance of gas turbine nozzle guide vane” IJERAT , ISSN 2454-6135,Vol-2,Issue-01.MAY-2016
12. Aryan Balhara, Bhawesh Chandra, Ranjeet Kumar Jha, Dr. B. V. Raghavendra, A Case Study for Determining Shortest Route Travelled by a Mail-Van of Indian Post Office in Bengaluru Using Ant Colony Algorithm International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459), Volume 5, Issue 11, 2015, pp: 71-75.
13. B.V.Raghavendra, Solving Travelling Salesmen Problem using Ant Colony Optimization Algorithm Journal of Information Sciences and Computing Technologies (ISSN: 2394-9066). Volume3, Issue 1, 2015 pp: 170-179.

14. G.M.Swamy, Naveen Kumar Pattar. (2016) "Thermal performance analysis of opaque facades for the different thickness". Engineering Research and Advanced Technology (IJERAT), ISSN: 2454-6135, Vol.No-2, Issue-1, Month - May 2016.
15. G.M.Swamy, Kiran.S, (2016) "Advance Method of Leakage Detection in Aircraft Hydraulic System". Engineering Research and Advanced Technology (IJERAT), ISSN: 2454-6135, Vol.No-2, Issue-1, Month - May 2016
16. G.M.Swamy, Punith.N, Shivasharana Yalagi, (2015) "A Thermoelectric generator systems for waste heat recovery -A review". International Journal of engineering research and technology (IJRT). Volume No. : 3, Issue : 17 Month & year : November- 2015, Page Nos : 100 - 108
17. G.M.Swamy Tarun.S.V, Dr.Nagabhushan. (2015) "Application of Processed Blast Furnace Slag as Fine Aggregates in Mortar and Plastering" International Journal of informative research in science (IJISC), Engineering and Technology. Volume No. : 4, Issue : 11 Month & Year : November- 2015, Page Nos. 411-418.
18. G.M.Swamy, Srikantamurthy.J.S, Dr.Shankaragoud Nyamannavar. (2015) "Condition Based Monitoring in Machine Tool Using Different Techniques and Optimization of Process Parameters" International Journal of informative and futuristic research (IJIFR). Volume No. : 2 Issue : 12, Month & Year : August- 2015, Page Nos. 4542-4558.
19. G.M.Swamy, Tarun .S.V, Dr.Rathnakar.G, (2015) "Design and Fabrication of Metal Chip Comparator" International Journal of informative and futuristic research (IJIFR). ISSN : 2347-1697, Volume No. : 3, Issue : 2, Month & Year : October- 2015
20. Swamy, D. R., Nanjundeswaraswamy, T. S., & Rashmi, S. (2015). Quality of work life: scale development and validation. International Journal of Caring Sciences, 8(2), 281.
21. Sundareshan, S. D., & Swamy, D. R. (2015). A Literature Review on Lean Implementations-A comprehensive summary. International Journal of Engineering Research and Applications, 5(11), 73-81.
22. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2015) An Empirical research on the relationship between Quality of Work Life and Leadership Styles in SMEs. Bangladesh Sociological Society, 12(1), 41.
23. Nanjundeswaraswamy, T. (2015). Leadership styles and quality of work life in SMEs. Management Science Letters, 5(1), 65-78.
24. Nanjundeswaraswamy, T. S. (2015). Relationship between Quality of Work Life and Demographical characteristics of SMEs employees. Pakistan Journal of Engineering, Technology & Science, 4(2).

1. Venkatesh BN, M.S.Bhagyashekar paper titled "Studies on Microstructure and Mechanical Properties of Friction stir Welded AA6061 Composites Containing SiC"
Trends and Innovations in Automation, Materials and Thermal Engg (TIAMTE-2015)
Dept of PG Studies VTU Mysuru.

Journal Publications:2015

1. G.M. Swamy, Dr. Shankargoud Nyamannavar, Dr. B.P. Shivakumar, 2014. Conversion of Petrol engine to LPG engine for two wheelers, International Journal of Social science and Management, ISSN: 2319 - 300X, Vol. No. 3, Issue 2, pp.105 to 107.
2. Devappa, T.M. Chandrashekaraiiah and Dr. B.P. Shivakumar, 2014. Study on effects of minor additions of Cu & B to Al-12 Si base alloy, International Journal of Social science and Management, ISSN:2319 - 300X, Vol. No.3, Issue 2, pp. 131-133.
3. M Vijay Kumar and Bhimasen Soragaon, Fabrication and Evaluation of Multilayered Polyurethane Foam Core Sandwich Panels for Static Flexural Stiffness, Procedia Engineering (Elsevier), Vol. 97, 2014, pp. 1227-1236.
4. Puttaswamaiah S K S Mahesh, H S Chetankumar "Synthesis and Evaluation of Polyester / Glass fiber PMC"s "National Conference on Emerging Trends in Engineering Management", Issue 06-07 November 2014, Pages 40, Excel India Publishers, New Delhi.
5. Puttaswamaiah S Mahesh R Hallur, K S Mahesh, "Mechanical Characterization of Calcium Silicate (CaSiO₃) added Polyester Laminae" National Conference on Emerging Trends in Engineering Management, Issue 06-07 November 2014, Pages 40, Excel India Publishers, New Delhi.
6. G.M.Swamy,Dr.Shankaragoud Nyamannavar.(2015) "Tool wear monitoring in drilling mild steel using acoustic emission and surface roughness techniques and optimization". International Journal of informative and futuristic research(IJIFR). ISSN : 2347-1697,Volume No :2,Issue :10"Month & Year : june- 2015,Page No"s 3857-3869
7. G.M.Swamy,Dr.Shankaragoud Nyamannavar.(2014) "Experimental Investigation And Analysis Of Wear Of Twist Drill And Single Point Cutting Tool Using Acoustic Emission, Vibration And Sound Analysis Techniques." "International Journal of social science & Management""Nirmala Research & Development Foundation(IJSS&M). Volume No. :III ,Issue :2,Month & Year : November-2014,Page Nos: 145 - 148 ,RNI NO :MPMUL/2012/58335
8. G.M.Swamy,Dr.Shankaragoud Nyamannavar, Dr.B.P Shivakumar.(2014)"Conversion of Petrol Engine to LPG Engine for Two wheeler vehicle". „International Journal of social science & Management""(IJSS&M). (Research Revolution). ISSN: 2319-300X,Volume No. :III ,Issue :2,Month & Year : November- 2014,Page Nos: 105 - 107,RNI NO :MPMUL/2012/58335.
9. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2014)Identification of Training Needs For Employee Development in SMEs, International journal of research

revolution ISSN: 2319-300X.VOL 3(2)

10. Swamy, D. R., Nanjundeswaraswamy, T. S., Rashmi, S., & Nalini, S. (2014). Case study: a study on the impact of e-procurement on Indian industries. *Advances in Management*, 7(10), 31.
11. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2014). Leadership styles. *Advances in management*, 7(2), 57.
12. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2014) Identification of Training Needs For Employee Development in SMEs, *International journal of research revolution* ISSN: 2319-300X.VOL 3(2)
13. Vikas B S Siddappa P N, Abhilash G, Sahitya G “Design and Development of Manually Operated Multipurpose Bi-Piston Hydraulic Press” *Glacier Journal Of Scientific Research* 1 (2015/11), 26-34

Conference publication:2015

1. G.M.Swamy,Dr.Shankaragoud Nyamannavar.(2014)” Health Monitoring of Tools” on 14th November-2014 to 15th November-2014 in national conference in “Innovative Research on Materials” Department of Mechanical Engineering, Christ University Bangalore, Karnataka, INDIA.
2. G.M.Swamy,Dr.Shankaragoud Nyamannavar.(2014)” “Experimental Investigation And Analysis Of Wear Of Twist Drill And Single Point Cutting Tool Using Acoustic Emission, Vibration And Sound Analysis Techniques” at National Conference on on 6th & 7th Nov 2014, NCETEM-2014 Conducted by IEM Dept, JSSATE Bangalore.(awarded best paper presentation in the conference)
3. G.M.Swamy,Dr.Shankaragoud Nyamannavar, Dr.B.P Shivakumar.(2014)” Conversion of Petrol Engine to LPG Engine for Two wheeler vehicle” at National Conference on on 6th & 7th Nov 2014, NCETEM-2014 Conducted by IEM Dept, JSSATE Bangalore.
4. G.M.Swamy,Dr.Shankaragoud Nyamannavar.(2015) on topic” Experimental investigation and analysis of wear of twist drill ,milling cutter and single point cutting tool using acoustic emission ,vibration and sound analysis techniques”.on 12th Febraury 2015 to 13th Febraury 2015 in international conference in „Innovation research techniques in management, aeronautical ,mechanical systems” „IRTMAMES” KIT Global institute for advanced studies and research,Coimbatore,Tamilnadu INDIA.

Journal publication :2014

1. Yogesha K B, Joel Hemanth (2013), Tribological behavior of Austempered Chilled Ductile Iron (ACDI), *Journal Name: International Journal of Material Sciences and Technology (IJMST)*, Research India publication. Volume no: 4, Issue 2, Page no: 77-89.
2. Yogesha K B, Joel Hemanth(2013), Development of Austempered chilled ductile iron (ACDI) and evaluation (IJoMS) of mechanical properties. *Journal*

Name: International Journal of Materials science, Research India publication, Volume No. : 8, Issue 1, Page Nos. : 1-12.

3. Yogesha K B, Joel Hemanth (2013), Mechanical Properties of Metallic and Non-Metallic Chilled Austempered Ductile Iron (ACDI)", International Journal of Advanced Engineering Research and Studies Technical journal online .com ISSN :E-ISSN2249-8974, Volume No. 1. Issue 2, Page Nos. : 240-243.
4. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2013). Quality Of Worklife Of Employees In Private Technical Institutions. International journal for quality research, 7(3). (WoS and SCOPUS)
5. Nanjundeswaraswamy, T. S., & Swamy, D. R. (2013). Review of Literature on Quality of Work life. International Journal for Quality Research, 7(2), 201-214. (WoS and SCOPUS)

Conference publication:2014

1. Vijaysimha S K Irshad pasha K S Mahesh, Conceptual Design & fabrication of Smart knee brace, "National Conference on Emerging Trends in Engineering Management", 2013, Pages 116, Excellent Publishing House, New Delhi.

Journal publication:2013

1. Bhimasen Soragaon, Hiregoudar, N. L. and Mallur, S. B., „Development of a Conceptual Model for the Measurement of Overall Worker Effectiveness (OWE) in Discrete Manufacturing SMEs“, International Journal of Engineering and Innovative Technology, Vol.2, Issue 3, 2012, pp. 366 – 373.
2. Mallur, S. B., Hiregoudar, N. L. and Soragaon, B., „A Proposed Conceptual TQM Model for Implementation to Enhance Business Excellence for North Karnataka Manufacturing SMEs“, International Journal's Research Journal of Economics and Business Studies, Vol. 1, No.3, 2012, pp. 30 – 50.
3. Mallur, S. B., Hiregoudar, N. L. and Soragaon, B., „A Comparative Study of Importance and Practices of CSFs of TQM and their Impact on Performance of North Karnataka SMEs Manufacturing Sectors: A Survey Result“, International Journal of Engineering and Innovative Technology, Vol. 2, Issue 3, 2012, pp. 97 – 108.
4. Prathap.R, B.V.Raghavendra, Pradeep.B.Shetty, A Case Study to Setup Optimum Process Parameters in Thermal Deburring for Removing the Burr in Barrel of Fuel Injector Pump Using Taguchi Approach. IOSR Journal of Engineering (e-ISSN: 2250-3021), Volume 2, Issue 9, 2012, pp. 26-35
5. Pradeep C, B.V.Raghavendra, Study and Analysis of Areca-Nut Peeling Process Using Design of Experiment, International Journal of Engineering Innovation & Research (ISSN : 2277 – 5668), Volume 1, Issue 5, 2012, pp: 399-406.
6. Priyanka D, B.V.Raghavendra, Subhash PAnalysis, A Case study on Fuel Leakage in a Pre-Filter Bowl of a Diesel Engine Fuel Feed Pump Using Ansys, International Journal of Engineering and Advanced Technology (ISSN: 2249 –

8958), Volume-1, Issue-6, 2012, pp. 67-72.

Conference publication : 2012

1. Y. Vijaykumar and Anil Kumar K.S. (2012) "Design and development of one way clutch for two wheeler application" at National conference on Development and Opportunities in Civil engineering, Applied Sciences and Mechanical engineering (DOCAM 2012), held at EAST WEST INSTITUTE OF TECHNOLOGY, BANGALORE, 18-19 May 2012

Journal publication2011

1. Bhimasen Soragaon and N L Hiregoudar, On some aspects of developing an effective model for the implementation of Six Sigma concept in small and medium sized manufacturing enterprises in India, International Journal of Management Science and Engineering Management (Taylor & Francis), 6(1): 42-48, 2011.
2. Bhimasen Soragaon and N L Hiregoudar, Development of a Conceptual Model for Implementation of Six Sigma Concept in Manufacturing SMEs: The Indian Scenario, The West Indian Journal of Engineering, Vol.32, Nos.1&2, January 2010, pp.12-19.
3. B.V.Raghavendra, Dr. A.N.N.Murthy. Workload Balancing in Identical Parallel Machine Scheduling while Planning in Flexible Manufacturing System Using Genetic Algorithm. ARPN Journal of Engineering and Applied Sciences (ISSN: 1819 - 6608), Volume 6, No 1, January 2011, pp: 49 - 55. (Scopus)
4. B.V.Raghavendra, Dr. A.N.N.Murthy, M. Jayaram. Job Sequence in a Batch Production Shop to Minimize the Workload Imbalance on Parallel Machines through Genetic Algorithm. International Journal of Engineering Science and Technology (ISSN 0975 - 5462), Volume 3, Issue 1, 2011, pp: 204 - 210.
5. B.V. Raghavendra, Dr. A.N.N. Murthy. Some solution approaches to Reduce the Imbalance of Workload in Parallel Machines while Planning in Flexible Manufacturing System. International Journal of Engineering Science and Technology (ISSN 0975 - 5462), Volume (2) 5, 2010, pp: 724-730.

Conference Publications:2011

1. B.P. Shivakumar, 2010. Review of analytical models used for the evaluation of Thermal Expansion Behavior of Al/SiCp MMCs, Proc. of International conference on Advanced Materials, Manufacturing, Management and Thermal Sciences "AMMMT -2010", Siddaganga Institute of Technology, Tumkur.

Journal publication:2010

1. B.V. Raghavendra, Dr. A.N.N.Murthy, Prof. Bhaskar Rao, Some solution approaches to reduce the Imbalance of Workload in Parallel Machines while Planning in Flexible Manufacturing System through Genetic Algorithm. International Journal of Industrial Engineering and Technology (ISSN: 0974 - 3146), Volume 2, No 1, 2010, pp: 313 - 324.

2. B.V. Raghavendra, Dr. A.N.N.Murthy. Heuristic Solution Approaches for Minimizing the Unbalance of the Machine Processing Time between the Set-up on Parallel Machines in Flexible Manufacturing System. International Journal of Engineering Research and Technology (ISSN: 0974 - 3154), Volume 3, No 3, 2010, pp: 379-387.