



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Yelahanka, Bengaluru – 560 064

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Publications in National/International Conferences

SI No	Name of Faculty	Title	Conference
2016-17			
1	N Keerthi Kumar	Esterification and Characteristic study of Simaruuba Glauca Oil	International Conference on Engineering Trends in Science & Engineering, Coorg Institute of Technology Ponnampet, Kodagu
2017-18			
1	GA Yashavantha Kumar	Smart regulator for Temperature control of oil in a hydraulic	National Conference on Advances in Mechanical Engineering (NAME-2018) JNNCE, shivamogga
2018-19			
1	Kiran M D	Wear Characterization of Nickel coated Short carbon fiber reinforced aluminium Matrix Composites.	International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering, NMAMIT, Nitte. During 23 rd -24 th May 2019.
2	Dr. H K Govindaraju Kiran M D	Study on Wear Behaviour of Graphite Reinforced Al-Si-Ce Metal Matrix Composites: A Taguchi Approach	International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy.
3	Sriganesh T G	Experimental study of vertical axis wind turbine by maglev suspension- A new approach	International Conference on Materials and manufacturing Methods (MMM' 19) from 5th - 7th July 2019, NIT, Trichy
4	Dr. K M Sathish Kumar	Design & Development & Rough Terrain vehicle using Rocker-Bogie Mechanism	International conference on Recent Research emerging Trends in Materials and Mechanical engineering (ICRRETMME-2019) Held on 12 th & 13 th July ,2019



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5	Dr.K.M. Sathish Kumar	Effect of Friction Stir Welding Parameters on Mechanical and Microstructural Properties of Al 6082 - Copper Butt Joints	International conference on Recent Research emerging Trends in Materials and Mechanical engineering (ICRRETMME-2019) Held on 12 th & 13 th July ,2019
6	Dr.K.M. Sathish Kumar	Analytical and Finite Element Solution of Tractor Brake Link to achieve Weight and cost Reduction	International Conference on Green Trends in Mechanical Engineering Sciences (GTMES 2018), Malnad College of Engineering.Hassan, 3rd October 2018
7	Dr.K.M. Sathish Kumar	Development of MATLAB codes to find the natural frequencies of a composite structure	International Conference on Green Trends in Mechanical Engineering Sciences (GTMES 2018), Malnad College of Engineering.Hassan, 3rd October 2018
8	Dr. Santosh Kumar	Experimental Quality and Strength Evaluation of Friction Stir Spot Welding of Aluminum Sheets Using Flat Tool with Miniature Profile.	International conference on advances in material research (ICAMR)-2019, RUAS, Bangalore.
9	Dr. Shreya Banerjee	Design and Fabrication of a Multifunctional Robot for Harvesting Areca nut	International Conference on Mechanical Power Transmission (ICMPT 2019) IIT, Madras during 11-13 July 2019.
10	Tejaswini.B.J, T.N.Praveen Kumar	Importance of Intellectual Property in Startups: A Review	International Conference on Global Entrepreneurship - Emerging Opportunities and Challenges at Bangalore University, Bengaluru, January 28-29, 2019
11	Keerthi Kumar N	Design and fabrication of thermo electric refrigerator	3rd International conference on recent research emerging trends in materials and mechanical engineering held on 12th and 13th July 2019 at REVA University, Bengaluru.
12	Praveen Kumar T N	Axial Crushing Behaviour of Filled Aluminium Square Tubes	International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering, NMAMIT, Nitte. During 23 rd -24 th May 2019.
13	Sriganesh T G	Mechanical Properties investigation of light metals series aluminium fly ash composites	National Conference on Emerging Trends in Mechanical Engineering 2019 held on 26th June 2019 at Ramaiah Institute of Technology



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14	Madhu.M.C	Estimation of global solar radiation and optimal tilt angle of solar panels for Bangalore	National conference NCETME at Ramaih Institute of Technology on 26th June 2019
15	Dr. Shreya Banerjee	Design and Analysis of a Shear Pin under Static Load	National Conference on Multidisciplinary Design, Analysis, and Optimization 22 rd – 23 rd March 2019, MSRUAS, Bengaluru
2019-20			
1	Dr. K.M. Sathish Kumar	Study of Mechanical and Microstructural Properties of Friction Stir Welded Butt Joints of Aluminium and Copper	International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES 2020), Dayananda Sagar College of Engineering, Bengaluru, Jan. 17, 2020
2	Sriganesh T G	Development of Vertical Axis Wind Turbine by Maglev Suspension- An Innovative Approach	International Conference on Thermo-Fluids & Energy Systems, BNMIT, Bangalore, Dec. 27, 2019
3	Keerthi Kumar N	Impact of Injection Timing on Simarouba Seed Oil-Fuelled CI Engine	ICoNAMMA-2019, Amritha School of Engineering, Aug. 29, 2019
4	Dr. Avinash	Ductility Effects on Joint Strength Effect in Lap Shear Configuration Loading	International conference on recent trends in metallurgy, material science and manufacturing, NIT Trichy, Dec. 27, 2019.
5	Dr Sangamesh	Rolling direction effect of climbing joint strength performance in lap-shear configuration	India Trib 2019, IISc Bangalore, Dec. 4, 2019
6	Dr. Santosh Kumar	Ductility effect on clinching joint strength in lap shear configuration loading	IMME19, NIT Trichy, Dec. 28, 2019
7	Praveen Kumar T N	Lateral Crushing behaviour of filled aluminium Square Tube	2nd international conference on Advance in Mechanical Engineering Science (ICAMES-2K20) organised by PES College of Engineering, Mandya, Karnataka on 28th-29th February 2020



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8	Jagadeesh.YJ	CFD Analysis Of 2-Dimensional Incompressible Viscous Flow over Aerofoil section	2nd International Conference on Advances in Mechanical Engineering Sciences- ICAMES - 2K20 28 th – 29 th Feb 2020 Organized by PES College of Engg. Mandya.
9	Jagadeesh.YJ	Computational Fluid Dynamics Technique to Analyse Incompressible Fluid Flow Through a Venturimeter To Avoid Flow Separation	International Conference on Emerging Trends in Computational Fluid Dynamics (ICETCFD-2019), Christ University Date: 27-02-2019 & 28-02-2019
2020-21			
1	Keerthi Kumar N	Performance and Emission Characteristics of 4-Stroke Diesel Engine Using Simarouba and Graphene Nanoparticles	5 th International Conference on Advanced Research in Mechanical, Material and Manufacturing (ICAMMME-2021) organized by REVA University on 9 th and 10 th July 2021