

ANNEXURE III

DETAILS OF PUBLICATIONS

S.No	Author's Names	Title of the Paper	Name of the Journal	Vol., Year &Page No.	ISSN NO.
International Journal					
1	CH. R.Vikram Kumar B.V.R.M. Kumar K. Hema Chandra Reddy	Significance of Finite Element Method Based Modeling in Analyzing Temperature Generation and Distribution During Hard Turning.	International Journal of Mechanical and Production Engineering Research and Development	Vol.6, No.1, 2016 pp. 23-32.	2320-2092
2	CH. R.Vikram Kumar B.V.R.M. Kumar K. Hema Chandra Reddy	Finite Element Model Based on Abaqus / Explicit To Analyze The Temperature Effects Of Turning.	International Journal of Applied Engineering Research	Vol.11, No. 8, 2016, pp.5728-5734.	0973-4562
3	M. Bala Chennaiah P. Nanda Kumar K. Prahlada Rao	Influence of Heat Input and PWHT on the Microstructure and Mechanical Properties in Dissimilar (IS2062-EN8) Welded Joints.	Procedia computer science.	Vol.85, 2016, pp.54-61	1877-0509
4	M.Sivarama Krishniah. P.Nanda Kumar	Online Monitoring of Metal cutting of Inconel 600 with Al ₂ O ₃ coated carbide tools.	Materials Today: Proceedings.	Vol. 4, No.2, 2017, pp. 1550-1560,	2214-7853
5	M.Subba Reddy P.Vijaya Bhaskar Reddy Suresh Y	Comparison of Mechanical Properties of Synthetic and Natural Fiber Composites	I J of Engineering Research and Science and Technology	Vol.6, No.4, 2017, pp.16-34.	2319-5991
6	M. Subba Reddy P. Vijaya Bhaskar Reddy	Performance Analysis of B ₄ C-CU Composite As An Electro Discharge Machine Electrode	International Journal of Mechanical Engineering Research and Technology	Vol.3, No.3, 2017, pp.173-181.	2454-535X
7	P.S. Ravi Kumar P. Nanda Kumar G. Ranga Janardhana	Static Analysis of Al - ZrO ₂ FG Thick Plate Using Graded FEM.	Materials Today: Proceedings.	Vol. 4, No. 2, 2017, pp. 8117-8126	2214-7853
8	P. Nanda Kumar G. Ranga Janardhana M. Sivaramakrishnaiah	Review of Orthogonal Metal Cutting using Finite Element Method.	International Journal of Research and Scientific Innovation.	Vol. IV, Issue VI , 2017, pp.93-95	2321-2705

9	P. Nanda Kumar K. PrahladaRao M. Bala Chennaiah	Effect of PWHT on the Hardness and Fractured Microstructure of IS-103Cr1 Welded Joints.	Materials Today: Proceedings.	Vol. 4, 2017, pp.1193-1198.	2214-7853
10	P. Hazarathaiiah Y. Ashok Kumar Reddy S. Indumati	Design of Micro Channel Heat Sink.	International Journal of Research and Analytical Reviews	Vol.4, No.3, 2017, pp.1-10.	2348-1269
11	B. Madhusudan Reddy S. Sunilkumar Reddy R. Bhaskar Reddy	Experimental Investigations on the Mechanical Properties of Coconut Coir and Egg Shell Powder Polymer Composites.	Elixir International Journal.	Vol. 108, 2017, pp.47444-47448	2229-712X.
12	M. Sreenivasulu K. Venkateswarlu P. Hazarathaiiah	Structural Analysis of Brake Disc Plate Using Three Different Materials.	International Journal of Research and Analytical Reviews.	Vol.5, No. 3, 2018, pp.1313-1316	2348-1269
13	P. Hazarathaiiah K.Venkateswarlu M.Sreenivasulu	Design and Analysis of Lifting Hook With Different Materials	International Journal of Emerging Technologies and Innovative Research.	Vol. 5, No. 4, 2018, pp: 594-599	2349-5162
14	B.Madhusudhana Reddy P.Anand	A Review on Aluminium Metal Matrix Composites And EDM Process	International Journal of Emerging Technologies and Innovative Research.	Vol. 5, No. 10, 2018, pp.482-487.	2349-5162
15	Y.Ashok Kumar Reddy P. Hazarathaiiah	Design and Analysis of Clutch Plate Using Steel Materials	International Journal for Research in Engineering Application & Management .	Vol.4, No. 11, 2019, pp.362-366	2454-9150
16	P.Srihari Reddy P. Hazarathaiiah K. Venkateswarlu M.ChandraSekhar	Design of Two Lobe Journal Bearing	International Journal of Research and Analytical Reviews.	Vol.6, No.1, 2019, pp.1-12	2348-1269
17	M. Sreenivasulu Y. Ashok kumar Reddy P. Vijaya Bhaskar Reddy P.Hazarathaiiah	Design and Fabrication of Hybrid Electric Bike.	International journal of applied engineering research	Vol.14, No. 4, 2019, pp.930-935.	0973-4562

18	P.Hazarathaiiah Y. Ashok Kumar S. Indumati Sk. Riyaz Basha	Design of Solar Based Thermo Electric Refrigeration System.	International Journal of Emerging Technologies and Innovative Research.	Vol. 4, No. 6, 2017, pp.722-732.	2349-5162
19	B. Satheesh Kumar G. Padmanabhan P. Vamsi Krishna	Optimisation of turning AISI 1040 steel with extreme pressure additive in vegetable oil based cutting fluids	International Journal of Automotive and Mechanical Engineering	Vol. 14, No.2, 2017, pp. 4285-4297.	2229-8649
20	M. Venkata Rao P. Hazarathaiiah Sk. RiyazBasha, Y. Ashok Kumar Reddy	Use of Mango Seed Bio-Diesel As Diesel Fuel Extender for a Four Stroke CI Engine	International Journal of Research in Advent Technology	Vol. 7, No. 2, 2019. pp.561-565	2321-9637
21	S. Indumati K.Rajasekhar G.Rajyalakshmi	Experimental Investigation on Friction Stir Spot Welding Process of Dissimilar Metals	Materials Today: Proceedings	Vol. 5, 2018, pp. 12056–12061	2214-7853
22	Sriharikota Chandra Sekhar K.Karuppasamy Ravishankar Sathyamurthy Medhat Elkelawy Hagar Alm El Din Bastawissi	Emission analysis on compression ignition engine fueled with lower concentrations of Pithecellobium dulce biodiesel-diesel blends	Heat Trans—Asian Research. WILEY	Vol.48, No. 1, 2018, pp.1-16.	1523-1496 (SCI)
23	K. Venkateswarlu P.Nanda Kumar P.S. Ravi Kumar	Finite element simulation of Temperature Distribution Distortion and Residual Stresses of Dissimilar Welded Joints	Materials Today: Proceedings	Vol. 5, No. 5, 2018, pp.11933-11940,	2214-7853
24	P.Nanda Kumar P S Ravi kumar	Effect of cutting speed in turning process Using Finite element modeling.	International Journal of latest trends in Engineering and Technology.	Vol.7, No.1, 2016, pp. 32-36	2319-3778
25	S. Indumati A. Karthikeyan D. Harikrishna	Design & Analysis of Thermo Acoustic Refrigeration (TAR)	International Journal on Recent Researches in Science, Engineering & Technology	Vol. 5, No.10, 2017.	2347-6729

S.No	Author's Names	Title of the Paper	Name of the Journal	Vol., Year & Page No.	ISSN NO.
National Journals					
1	B. Satheesh Kumar G. Padmanabhan P. Vamsi Krishna	Multi Response Optimization for Turning AISI 1040 Steel with Extreme Pressure Additive included Vegetable Oil Based Cutting Fluids Using Grey Relational Analysis	Journal of Advanced Research in Materials Science.	Vol. 23, No.1, 2016, pp. 1-14.	2289-7992
2	B. Satheesh Kumar G. Padmanabhan P. Vamsi Krishna	Evaluation Of Vegetable Oil Based Cutting Fluids With Extreme Pressure Additive in Turning AISI 1040 Steel Using Taguchi Method	Manufacturing Technology Today, CMTI.	Vol. 15, No.9, 2016, pp.15-21.	0972-7396
3	B. Satheesh Kumar G. Padmanabhan P. Vamsi Krishna	Performance Assessment of Vegetable Oil based Cutting Fluids with Extreme Pressure Additive in Machining	Journal of Advanced Research in Materials Science	Vol. 19, No.1, 2016, pp.1-13.	2289-7992
4	Brahma Reddy ALS B. Satheesh Kumar Padmanabhan G	Evaluation of Canola Based Cutting Fluid with Extreme Pressure Additive in Turning AISI 1040 Steel	Manufacturing Technology Today, CMTI.	Vol. 15, No.5, 2016. pp.3-8.	0972-7396
5	P. Nanda Kumar G. Ranga Janardhana M. Sivaramakrishnaiah	Prediction of cutting forces in turning of AISI-4140 steel using FEA and experimental validation.	Journal on Mechanical Engineering.	Vol. 6, No. 1, 2016, pp.24-33.	2230-7055
6	P.Nanda Kumar P.S.Ravi Kumar G. Ranga Janardhana	Fabrication and Characteristics of AMC/RHA Functionally Graded Materials by Controlled Mold Filling	Journal on Material Science.	Vol. 4, No.3, 2016, pp.12-18.	2347-2235
7	P.Srihari Reddy M.V.Akhil	Experimental Investigation On Mechanical Properties Coal Ash And Fly Ash Reinforced Glass Fiber Polymer Matrix Composites	Journal of Advanced Research in Applied Mechanics	Vol.31, No.1, 2017, pp.1-9.	2289-7985
8	G.Maheedhar Reddy, V.Diwakar Reddy, B.Sateesh Kumar, J Syam Sundar	Experimental Investigation on Radial Ball Bearing Parameters Using Taguchi Method	Journal of Applied sciences and Computational Mechanics	Vol. 4, No.1, 2018, pp.69-74.	1076-5131

CONFERENCE PAPERS

S.No	Author's Names	Title of the Paper	Name of Conference	Organized by	Month & Year
International Conference					
1	B.Satheesh Kumar G.Padmanabhan P.Vamsi Krishna	Analysis Of Vegetable Oil Based Cutting Fluids With Extreme Pressure Additive in Turning AISI 1040 Steel Using RSM	AIMTDR 2016	College of Engg., Pune.	16 th -18 th ,DEC-2016
2	P.S. Ravi Kumar, P. Nanda Kumar, M. Sreenivasulu, M. Chandrasekhar	Simulationof Open Die Forging of AL1100 Using Deform 3D	Proceedings of the 6th National Conference on Advances in Mechanical Engineering	Vasavi College of Engineering Hyderabad.	6 th -7 th , Oct, 2016.
3	R.Sundara Rao K.C.Charan CH. R. Vikram Kumar	Metallurgical Investigationon Failure of Engine Valves Used in Internal Combustion Engine.	Indo Brazil Bilateral International Conference on "Advanced Materials & Processing	Kalasalingam University	23-24 th , Mar,2017
4	B.V.R.M Kumar K. Hema Chandra Reddy CH. R. Vikram Kumar	PredictionofTemperature in Turning Using 3D Finite Element Analysis	Indo Brazil Bilateral International Conference on "Advanced Materials & Processing	Kalasalingam University.	23-24 th , Mar, 2017
5	Pramod Kumar Thotapalli CH. R. Vikram Kumar B.Chandra Mohana Reddy	Trace The Centroid of Coloured Object ona Conveyor Using Digital Image Processing	International Conference on Manufacturing Technology and Simulation 2017	IIT Madras.	7 th - 8 th , July, 2017
6	B .Satheesh Kumar P.V.Krishna, S.Mahith, R.Padmini	Influence of Green Nano Cutting Fluids on Machining Performance Using Minimum Quantity Lubrication Technique	International Conference On Nanotechnology.	IIT, Roorkee.	6 th -8 th , Dec , 2017

7	T. Pramod Kumar CH. R. Vikram Kumar B.ChandraMohana Reddy	Feature Extraction of Moving Object Over a Belt Conveyor Using Background Subtraction Technique	10 th International Conference on Precision, Meso, Micro and Nano Engineering	IIT Madras.	7 th - 9 th , Dec 2017
8	Chandra Sekhar.M G. Ranga Janardhana	Squeeze and RheoCasting for AL Metal Matrix Composites	Second Indo-Brazil Bilateral International Conference on Advanced Materials and Processing,	Kalasalingam University.	27 th -28 th , Mar,2017
9	K. Venkateswarlu P.Nanda Kumar P.S. Ravi Kumar	Finite Element Simulation of Temperature Distribution, Distortion and Residual Stresses of IS2062 Steel Welded Joints	2 nd Indo-brazil bilateral International conference on Advanced Materials and Processing,	Kalasalingam University.	27 th -28 th , Mar,2017
10	M. BalaChennaiah P. Nanda Kumar K. Prahlada Rao	Effect of Grain Size on Hardness of IS2062 MIG Weldment Before and After Heat Treatment Process	Proceedings of the 1 st International and ISME18	NIT Warangal.	23 -25 th , Feb, 2017
11	P.Nanda Kumar M.Siva Rama Krishnaiah G. Ranga Janardhana	Orthogonal Metal Cutting Process for Inconel Using FEM With Experimental Validation	Proceedings of the 1 st International and 18 th ISME	NIT Warangal.	23– 25 th , Feb., 2017
12	P Srihari Reddy	Experimental Study and Characterization of Wood and Ground Nut Shell Powder Reinforced Carbon Fiber Polymer Matrix Composites	International conference on Manufacturing Technology and Simulation	SPMVV, Tirupathi.	29 th -31 st , Mar, 2017
13	G. Maheedhara Reddy Dr. V. Diwakar Reddy B. Satheesh Kumar M. Subba Reddy	Experimental Investigation on Radial Ball Bearing Parameters Using Taguchi Method	Proceedings on International Conference on Frontiers in Engineering, Applied Sciences and Technology	NIT Trichy.	31 st Mar– 1 st Apr,2017.

14	Pramod Kumar Thotapalli CH. R. Vikram Kumar B.Chandra Mohana Reddy	A New Approach to Control the Position of Joint Arm Robot Using Image Background Subtraction Technique	7th International & 28th All India Manufacturing Technology, Design and Research	Anna University, Chennai.	13 th -15 th , Dec, 2018.
15	P.S. Ravi Kumar P.Nanda Kumar G.Ranga Janardhana	Experimental Evaluation of Aluminum -Glass Functionally Graded Materials by Controlled Mold Filling	International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering systems.	NIT Trichy	18 th -20 th , Jan, 2018.
16	P.S. Ravi Kumar P.Nanda Kumar G.Ranga Janardhana	Analysis of Flexural Vibration Behaviour of Al-Al ₂ O ₃ FG Thick Plate Using Graded FEM	International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering systems	NIT Trichy.	18 th -20 th , Jan 2018
17	A.SriHarsha, DrCh R Vikram Kumar	Fused Deposition Modelling Using Six Axis Industrial Robot	AIMTDR-2018	Anna university, Chennai.	13 th -15 th , Dec 2018
18	M.Sivarama Krishnaiah, P.Nanda Kumar G. Ranga Janardhana	Simulation Modeling and Experimental Study of Turning Process of Inconel 600 with Al ₂ O ₃ Coated Carbide Tool.	International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering systems.	NIT Trichy.	CDAMIES, 18 th -20 th , Jan 2018
19	M. Sreenivasulu, Venkatachalapathi Nynaru Elammaran Jayamani Eugene Chinet <i>al.</i> ,	Short Review on Conductive Polymer Composites as Functional Materials	International Conference on Mechanical, Manufacturing and Plant Engineering	ICMMPE 2018 Melaka, Malaysia.	14 th – 15 th , Nov.2018
20.	B.Madhusudhana Reddy, Anand P	Exploration of Properties of Al ₅₀₅₆ /CNT Metal Matrix Nano Composites	ICMPC-2019	GRIET, Hyderabad.	8 th -10 th , Mar 2019

National Conference					
S.No.	Author Names	Title of the Paper	Name of Conference	Organizedby	Month& Year
1	Pramod Kumar Thotapalli CH.R.Vikram kumar B.Chandra Mohana Reddy	Object Tracking onMoving Conveyor Using Image Subtraction With GMM	Silver jubilee congress and National conference APSMS	N.B.K.R.I.S.T, Vidyanagar.	9 th -11 th , Dec 2016
2	B. Satheesh Kumar G. Padmanabhan P. Vamsi Krishna	Analysis of Vegetable Oil Based Cutting Fluids With Extreme Pressure Additive Using RSM	Proceedings Of AIMTDR-2016.	College of Engineering,Pune.	16 th -18 th , Dec, 2016.
3	P. Srihari Reddy	Study on Ride Dynamics of Four Wheeled Vehicle Model	Silver jubilee congress and National conference APSMS	N.B.K.R.I. S.T, Vidyanagar.	9 th -11 th , Dec 2016.
4	P.S.Ravi Kumar P.Nanda Kumar	Simulationof Open Die Forging of AL1100 using Deform 3D	Proceedings of National Conference on Advances in Mechanical Engineering [AIM-2016]	Vasavi College of Engineering, Hyderabad.	6 th - 7 th , Oct. 2016.
5	S.Indumathi P.VijayaBhaskar Reddy	Numerical and Experimental Study of the Heat Transfer Process in Friction stir Welding	Silver jubilee congress and National conference APSMS	N.B.K.R.I. S.T, Vidyanagar.	9 th -11 th , Dec 2016.
6	M.Srinivasulu, Y.Ashok Kumar Reddy	Use Of CFD in the Analysis of IC Engine	Silver jubilee congress and National conference APSMS	N.B.K.R.I.S.T, Vidyanagar.	9 th -11 th , Dec-2016.
7	G. Maheedhara Reddy, V.Diwakar Reddy B.Sateesh Kumar M.Subba Reddy	Experimental Investigationon Radial Ball Bearing Using Taguchi Method	FEAST-2017	NIT, Trichy.	31 st Mar- 1 st Apr. 2017
8	P.S.Ravi Kumar P.Nanda Kumar M.Surendra	Static Behaviour of FG Al- Al ₂ O ₃ Plate Using FEM	AMP-2017	Kalasalingam University.	27 th -28 th ,Mar.2017

9	M.Subba Reddy, Raj Kumar E Vivek Kumar	Design and Analysis of Universal Trolley Carrier With Stair Climbing	ICIME-2018	GNIT, Hyderabad	5 th -6 th , Jan. 2018
10	K.Venkateswarlu P.Nanda Kumar P.S.Ravi Kumar	Finite Element Simulation of Temperature Distribution, Distortion and Residual Stress of Dissimilar Welded Joints	ICMMM 2017	VIT, Vellore	9 th -11 th , Mar. 2017
11	Chandra sekhar M , G. RangaJanardhana	An Overview: Rheo-Squeeze Casting Process	Proceedings of International Conference on Manufacturing Technology & Simulation [ICMTS]	IITM	7 th -8 th , Jul. 2017.
12	Ch R Vikram kumar, T.Pramod kumar	Application of Industrial Robots with AI Through Machine Vision	Operations Research and Manufacturing Engineering	SVU, Tirupati	30 th -31 st , Jul. 2018