

Papers Published in Journals for 2019-2020

S. No	Author Name	Title of the paper	Journal	Month, Year	Issue
1.	Vaddi Seshagiri Rao	A Comprehensive Study of Aluminium Based Metal Matrix Composite Reinforced with Hybrid Nanoparticles	Journal Metallofiz. oveishie Tekhnol.	November 2019	Volume4II ssue4Pages 481-500
2.	Vaddi Seshagiri Rao	Experimental studies on thermal spray ceramic coating (al/ti) on mild steel substrate	Gedrag & organiste	March 2020	Vol.33 232-247
3.	N.Arunkumar	Mechanical Properties of Triply Periodic Minimal Surface based lattices made by Poly jet Printing	Materials Today Proceedings	2020	Vol.22, Part 4, 2020, Pages 2934- 2940
4.	N.Arunkumar	Investigation of Mechanical Behaviour and Surface Roughness Properties on Copper Electroplated FDM High Impact Polystyrene	Advances in Additive Manufacturing and Joining	OCT 2019	pp 287- 300
5.	N.Arunkumar	Thermal and tool wear characterization of graphene oxide coated through magnetorheological fluids on cemented carbide tool inserts	Archives of Civil and Mechanical Engineering	August 2019,	Volume 19, Issue 4, Pages 1043- 1055
6.	S Arivazhagan,	Experimental investigation and ANN modelling of the effects of diesel/gasoline premixing in a waste cooking oil-fuelled HCCI-DI engine	Journal of Thermal Analysis Calorimetry	2020	Vol,141, 2311– 2324
7.	S Arivazhagan,	Experimental Investigation, ANN Modelling and TOPSIS Optimization of a Gasoline Premixed HCCI-DI Engine with Direct Injection of FeCl ₃ Nano additive Blended WCO	Transactions of FAMENA	2019	Vol. 43 No. 3,224-241

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8.	K.M.Kumar	Experimental investigation on the machinability of nodular ductile iron with cubic boron nitride and tungsten carbide inserts	Materials Today: Proceedings	May 2020	--
9.	K.Arun	Experimental investigation on the machinability of nodular ductile iron with cubic boron nitride and tungsten carbide inserts	Materials Today: Proceedings	May 2020	Online Published
10.	M. Arun	Development of patient specific bio-polymer incisor teeth by 3D printing process incisor teeth by 3D printing process: A case study	Materials Today: Proceedings	May 2020	--
11.	Sathish Rengarajan	Characterization and corrosion effects of Friction surfaced IS-2062 E250 CU with AA6063	Materials Research Express	October 2019	Volume 6 Issue 12 Pages 126579-126591
12.	Sathish Rengarajan	Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding.	Journal of Metallurgical Research & Technology	March 2020	Volume 16 Issue 6 Pages 631-643
13.	Sathish Rengarajan	A Comprehensive Study of Aluminium Based Metal Matrix Composite Reinforced with Hybrid Nanoparticles	Journal Metallofiz. oveishie Tekhnol Volume 41 Issue 4 Pages 481-500	2019	Volume 41 Issue 4 Pages 481-500
14.	Sathish Rengarajan	Experimental studies on thermal spray ceramic coating (al/ti) on mild steel substrate	Gedrag & organiste	March 2020	Vol.33 232-247
15.	Sathish Rengarajan	Parametric optimization of wire cut edm using grey relational analysis	Gedrag & organiste	April 2020	Vol.33 389-403
16.	L.Balamurugan	Mechanical Properties of Triply Periodic Minimal Surface based lattices made by Polyjet Printing.	Materials Today Proceedings	2020	Vol.22, 2020,

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17.	L.Balamurugan	Investigation of Mechanical Behaviour and Surface Roughness Properties on Copper Electroplated FDM High Impact Polystyrene	Advances in Additive Manufacturing and Joining	OCT 2019	pp 287-300
18.	G.M.Linous Leo	Experimental Investigation, ANN Modelling and TOPSIS Optimization of a Gasoline Premixed HCCI-DI Engine with Direct Injection of FeCl ₃ Nanodditive Blended WCO	Transactions of FAMENA,	2019	Vol. 43 No. 3,224-241
19.	G.M.Linous Leo	Experimental investigation and ANN modelling of the effects of diesel/gasoline premixing in a waste cooking oil-fuelled HCCI-DI engine	Journal of Thermal Analysis Calorimetry	2020	Vol,141, 2311–2324
20.	G.M.Linous Leo	Energy and exergy analysis of greenhouse drying of ivy gourd and turkey berry	Thermal Science	2020	Volume 24, Issue 1 Part B, Pages: 645-656
21.	N.E Arunkumar	Parametric optimization of wire cut edm using grey relational analysis	Gedrag & organiste	April 2020	Vol.33 389-403
22.	N.E Arunkumar	Optimization of machining parameters in WEDM of Monel 400 using Taguchi technique	Materials Today Proceedings	April 2020	Volume 22, , Pages 2199-2206
23.	N.E Arunkumar	Influence of near dry wirecut electrical discharge machining parameters on kerf width in Monel 400 doi.org/10.1016/j.matpr.2020.05.471	Materials Today: Proceedings	June 2020	Online Published

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24.	K.M.B.Karthikeyan	Laser Transformation Hardening of EN24 Alloy Steel Material today proceedings	Materials Today Proceedings	Jan2020	Volume 22, Part 4, 2020, Pages 3048-3055
25.	M Ganesh	Optimization of machining parameters in WEDM of Monel 400 using Taguchi technique	Materials Today Proceedings	April 2020	Volume 22, , Pages 2199-2206
26.	M Ganesh	Parametric optimization of wire cut edm using grey relational analysis	Gedrag & organiste	April 2020	Vol.33 389-403
27.	M Ganesh	Performance Analysis of Machining Ti-6Al-4V Under Cryogenic CO2 Using PVD-TiN Coated Tool.	J Fail. Anal. and Prevention	June 2020	Vol.19, 821-831
28.	K.Pravinkumar	Heat treatment and analysis of nickel super alloy for gas turbine applications	Material Today Proceedings	May 2020	--
29.	K.Pravinkumar	Investigation of mechanical properties in Al359 hybrid metal matrix composite reinforced with SiC and fly ash	Material Today Proceedings	May 2020	----
30.	K.Pravinkumar	Design and Analysis of an Impeller of a Turbocharger	International Journal of Research and Review	April 2020	Vol.7; Issue: 4

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31.	T.Balasubramanian	Laser Transformation Hardening of EN24 Alloy Steel Material today proceedings	Materials Today Proceedings	Jan2020	Volume 22, Pages 3048-3055
32.	T.Balasubramanian	Performance Enhancement of a Domestic Refrigerator With Nanoparticle Enhanced PCM over the Condenser Side	FME Transactions	May 2020	Vol. 48, 620-627
33.	AshwinPrabhu	Heat treatment and analysis of nickel super alloy for gas turbine applications	Material Today Proceedings	May 2020	
34.	AshwinPrabhu	Investigation of mechanical properties in Al359 hybrid metal matrix composite reinforced with SiC and fly ash	Material Today Proceedings	May 2020	
35.	AshwinPrabhu	Performance Enhancement of a Domestic Refrigerator With Nanoparticle Enhanced PCM over the Condenser Side	FME Transactions	May 2020	Vol. 48, 620-627
36.	P.Manojkumar	Heat treatment and analysis of nickel super alloy for gas turbine applications	Material Today Proceedings	May 2020	--
37.	P.Manojkumar	Performance Enhancement of a Domestic Refrigerator With Nanoparticle Enhanced PCM over the Condenser Side	FME Transactions	May 2020	Vol. 48, 620-627
38.	M.Siva	Performance Enhancement of a Domestic Refrigerator With Nanoparticle Enhanced PCM over the Condenser Side	FME Transactions	May 2020	Vol. 48, 620-627
39.	A.S.M.Udayakumar	Study and Analysis of 3D Printed FDM Components by Non-Destructive Testing Techniques	International Journal of Research and Review	May 2020	Vol.7; Issue: 5-223-236

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40.	P. Premkumar	Design and Analysis of an Impeller of a Turbocharger	Turbocharger International Journal of Research and Review	April 2020	Vol.7; Issue: 4254-268
41.	A. Ruskin Bruce	Design and Analysis of an Impeller of a Turbocharger	Turbocharger International Journal of Research and Review	April 2020	Vol.7; Issue: 4254-268
42.	V. Ashok Kumar	Study and Analysis of 3D Printed FDM Components by Non-Destructive Testing Techniques	International Journal of Research and Review	May 2020	Vol.7; Issue: 5-223-236
43.	V. Ashok Kumar	Performance Analysis of Palmitic Acid Coated PCM Storage Container	International Journal of Research and Review	March 2020	Vol.7; Issue: 3 495-500
44.	P Elakkiyadasan	Performance Enhancement of a Domestic Refrigerator With Nanoparticle Enhanced PCM over the Condenser Side	FME Transactions	May 2020	Vol. 48, 620-627
45.	N.Sathish kumar	Investigation of Mechanical Behaviour and Surface Roughness Properties on Copper Electroplated FDM High Impact Polystyrene	Advances in Additive Manufacturing and Joining	OCT 2019	pp 287-300
46.	N.Sathish kumar	Design and Analysis of an Impeller of a Turbocharger	Turbocharger International Journal of Research and Review	April 2020.	Vol.7; Issue: 4254-268
47.	N.Sathish kumar	Performance Analysis of Palmitic Acid Coated PCM Storage Container	International Journal of Research and Review	March 2020	Vol.7; Issue: 3 495-500
48.	N.Sathish kumar	Synthesis and Investigation of Peek Based Hybrid Composite Reinforced with Zinc Oxide and Aluminium Oxide Nanoparticles	International Journal of Research and Review	April 2020	Vol.7; Issue: 4 189-193

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49.	N.Sathish kumar	Thermo-Mechanical Behaviour of E Glass Fibre and Iron Oxide Filler Particles Reinforced Epoxy Composite	Volume 8 Issue IV International Journal for Research in Applied Science and Engineering Technology	Apr 2020	Volume 8 Issue IV 1522-1534
50.	N.Sathish kumar	Mechanical Properties of Triply Periodic Minimal Surface based lattices made by Polyjet Printing	Materials Today Proceedings	2020	Vol.22, 2020, 2934-2940
51.	N.Sathish kumar	Experimental investigation on the machinability of nodular ductile iron with cubic boron nitride and tungsten carbide inserts	Materials Today: Proceedings	May 2020	--
52.	N.Sathish kumar	Performance Enhancement of a Domestic Refrigerator with Nanoparticle Enhanced PCM over the Condenser Side	FME Transactions	May 2020	Vol. 48, 620-627
52.	N.Sathish kumar	Study and Analysis of 3D Printed FDM Components by Non-Destructive Testing Techniques	International Journal of Research and Review	May 2020	Vol.7; Issue: 5-223-236
53.	N.Sathish kumar	Development of patient specific bio-polymer incisor teeth by 3D printing process incisor teeth by 3D printing process: A case study	Materials Today: Proceedings	May 2020	--
54.	N.Sathish kumar	Investigation of mechanical properties in Al359 hybrid metal matrix composite reinforced with SiC and fly ash	Material Today Proceedings	May 2020	
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