

3.3.3. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Index

Sl. No.	Year	National/ International conference proceedings
1.	2020-21	24
2.	2019-20	01
Total		25

3.3.3 Number of papers published per teacher in the Journals notified on UGC website during the last five year

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
							Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1	Static structural analysis of spur gear using ANSYS 15.0 and material selection by COPRAS, MOORA techniques	Ram Kumar A.C. , Mohammed Raffie N. , Ganesh Babu K. , Selvakumar S	Mechanical Engineering	Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785321025700	https://www.sciencedirect.com/science/article/pii/S2214785321025700	https://www.ugc.ac.in/journalist/
2	Experimental Investigation on Surface Roughness and Cutting Tool – Work piece Interface Temperature for AA6061 using CRITIC and TOPICS	N.Mohammed Raffie Dr.K.Ganesh Babu S.Srinivasan Dr.S.Thirumuruga veerakumar R.Bharathi Kanna	Mechanical Engineering	Materials Today Proceedings	2021	2195-4356	https://www.irjet.net/	https://www.irjet.net/archives/V7/I7/IRJET-V7I7262.pdf	https://www.ugc.ac.in/journalist/
3	A Review of Optimization Techniques in Machining of Composite Materials	S.Srinivasan, S. Thirumurugaveerakumar , N. Nagarajan , N. Mohammed Raffie , Dr. K. Ganesh Babu	Mechanical Engineering	Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785321037123	https://www.sciencedirect.com/science/article/pii/S2214785321037123	https://www.ugc.ac.in/journalist/
4	Experimental Investigation on the Effect of Fused Deposition Modelling Parameters for HIPS Material by Experimental	N Mohammed Raffie Dr.K Ganesh Babu Dr.S Selvakumar S.Radhakrishnan	Mechanical Engineering	International Conference on Recent Developments in Materials and Applications , IOP Conference series	2020	1757-8981	https://iopscience.iop.org/article/10.1088/1757-899X/988/1/012051/meta	https://iopscience.iop.org/article/10.1088/1757-899X/988/1/012051/meta	_____
5	Influence of EDM parameters on Al2O3 & Gr reinforced aluminium matrix composites	Dr.S.Dinesh Kumar	Mechanical Engineering	Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785321030856?via%3Dihub	https://www.ugc.ac.in/journalist/
6	A novel technique to design and production of coil spring in centre lathe	T. sathish, N.Sabarirajan D.Cahndramohan, S.Karthick	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S221478531934026X	https://www.sciencedirect.com/science/article/pii/S221478531934026X	https://www.ugc.ac.in/journalist/
7	Machining parameters optimization of Aluminum alloy 6063 with reinforcement of SiC Composites	T. sathish, N.Sabarirajan , S.Karthick	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319340969	https://www.sciencedirect.com/science/article/pii/S2214785319340969	https://www.ugc.ac.in/journalist/
8	Analysis and design of Smart Paper Punching Machine for spiral binding	T. sathish, N.Sabarirajan D.Cahndramohan, S.Karthick	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319341161	https://www.sciencedirect.com/science/article/pii/S2214785319341161	https://www.ugc.ac.in/journalist/
9	Experimental study on whirling speed of least dimensional mild steel shaft for toy cars	M. Chinnapandiyar N.Sabarirajan , B.Palanikumar	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320353347	https://www.sciencedirect.com/science/article/pii/S2214785320353347	https://www.ugc.ac.in/journalist/
10	Prediction of surface roughness and tool wear in milling process on brass (C26130) alloy by Taguchi technique	S.V.Alagarsamy,M.Ravichandran,M.Meignanammoorthy, S.Sakthivelu, S. Dinesh Kumar	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785319313380	https://www.ugc.ac.in/journalist/
11	Effect of EDM process parameters on material removal rate and surface roughness of metal matrix composites: A Review	S. Dinesh Kumar , M.Ravichandran,S.V.Alagarsamy, M.Meignanammoorthy, S.Sakthivelu	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785319322047	https://www.ugc.ac.in/journalist/

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12	Processing and Properties of Carbon Nano tube Reinforced Composites: A Review	S. Dinesh Kumar , M.Ravichandran, S.V.Alagarsamy, C. Chanakyan, M.Meignanamoorthy, S.Sakthivelu	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S221478532030732X	https://www.ugc.ac.in/journalist/
13	Mechanical properties of magnesium-silicon carbide composite fabricated through powder metallurgy route	S.Dinesh Kumar ,M.Ravichandran,S.Sakthivelu, M.Meignanamoorthy, C. Chanakyan, S.V.Alagarsamy	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320307124	https://www.ugc.ac.in/journalist/
14	Investigations on Properties of Mg-Al2O3 Composites fabricated via stir casting route	S.Dinesh Kumar , M.Ravichandran,M.Meignanamoorthy, S.Sakthivelu, S.V.Alagarsamy, C. Chanakyan	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320307069	https://www.ugc.ac.in/journalist/
15	A Taguchi coupled desirability function analysis of wire cut EDM behaviour of titanium dioxide filled aluminium matrix composite	S.V. Alagarsamy, M. Ravichandran, S. Dinesh Kumar , S. Sakthivelu, M. Meignanamoorthy, C. Chanakyan	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320300687	https://www.ugc.ac.in/journalist/
16	Prediction of optimum electric discharge machining parameters for AA7075-SiC composites	Sakthivelu, P.P. Sethusundaram, M. Meignanamoorthy, S. Dinesh Kumar , C. Chanakyan, S.V. Alagarsamy	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320308257	https://www.ugc.ac.in/journalist/
17	Parametric optimization for friction stir welding with AA2024 and AA6061 aluminium alloys by ANOVA and GRG	C. Chanakyan, S. Sivasankar, S.V. Alagarsamy, S. Dinesh Kumar , S. Sakthivelu, M. Meignanamoorthy, M. Ravichandran	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785319339434	https://www.ugc.ac.in/journalist/
18	Optimization on machining parameters of friction surfacing of SS304 over iron plate	S. Sakthivelu, P.P. Sethusundaram, M. Selwin, M. Meignanamoorthy, S. Dinesh Kumar , S.V. Alagarsamy,	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320303382	https://www.ugc.ac.in/journalist/
19	Optimization of material removal rate in CNC turning of AA2024 via Taguchi technique	M. Vinoth Kumar, M. Meignanamoorthy, S. Sakthivelu, S. Dinesh Kumar , C. Chanakyan, S.V. Alagarsamy,	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S221478532030777X	https://www.ugc.ac.in/journalist/
20	Optimization of electric discharge machining process parameters on AA6351-Al2O3 composites	M. Meignanamoorthy, M. Ravichandran, S. Sakthivelu, S. Dinesh Kumar , C. Chanakyan, S.V. Alagarsamy	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320305071	https://www.ugc.ac.in/journalist/
21	Optimization of electric discharge machining parameters on surface roughness for Al/ZrO2 composite through response surface methodology	S.V. Alagarsamy, M. Ravichandran, S. Sakthivelu, S. Dinesh Kumar , C. Chanakyan, M. Meignanamoorthy	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320304430	https://www.ugc.ac.in/journalist/

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22	Influence of CNC turning variables on high strength Beryllium-Copper (C17200) alloy using tungsten carbide insert	S.V. Alagarsamy, M. Ravichandran, M. Meignanamoorthy, C. Chanakyan, S. Dinesh Kumar , S. Sakthivelu	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S221478532030331X	https://www.ugc.ac.in/journalist/
23	Friction stir processing (FSP) of numerical study based on design of experiment-review	C. Chanakyan, S. Sivasankar, M. Meignanamoorthy, M. Ravichandran, S.V. Alagarsamy, S. Dinesh Kumar	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785319340465	https://www.ugc.ac.in/journalist/
24	Effect of various reinforcements on properties of metal matrix composites	M. Meignanamoorthy, M. Ravichandran, S.V. Alagarsamy, C. Chanakyan, S. Dinesh Kumar , S. Sakthivelu	Mechanical Engineering	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785320305848#:~:text=The%20inclusion%20of%20various%20reinforcement,and%20density%20of%20the%20material	https://www.ugc.ac.in/journalist/
25	Aluminium Metal Matrix Composite with Zirconium diboride Reinforcement: A Review	Mr.S.Dinesh Kumar	Mechanical Engineering	Materials Today: Proceedings	2018	2214-7853	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2214785318314755	https://www.ugc.ac.in/journalist/