



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

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QUALITY INDICATOR FRAMEWORK (QIF)

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

1-Any additional information

3.3.2.1: Number of research papers in the Journals notified on UGC website during the last five years.

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to article/paper/abstract of the article	Document Link
1	Studies on physical and mechanical properties of untreated (raw) and treated areca leaf sheaths	Dr. Basavaraju Bennehalli	BSH	Materials Research Innovations	2020-2021	ISSN: 1433-075X (print) 1432-8917 (web)	https://doi.org/10.1080/14328917.2020.1834747	View Document
2	Study on morphology and mechanical behavior of areca leaf sheath reinforced epoxy composites	Dr. Basavaraju Bennehalli		Advanced Composites and Hybrid Materials	2020-2021	ISSN: 2522-0136	https://doi.org/10.1007/s42114-020-00169-x	
3	Development of zeolite-A incorporated PVA/CS nanofibrous composite membranes using the electrospinning technique for pervaporation dehydration of water/tert-butanol	Nandini A. P		New Journal of Chemistry	2020-2021	ISSN 1369-9261	https://doi.org/10.1039/D0NJ04963H	



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4	Development of multilayered nanofibrous scaffolds with PCL and PVA:NaAlg using electrospinning technique for bone tissue regeneration	Nandini A. P		Materialia	2020-2021	ISSN: 2589-1529	https://doi.org/10.1016/j.mtla.2020.100826	
5	Crystalline and optical properties of new synthesized chalcone compound (2E)-1-(4- Br -bromobiphenyl-4-yl)-3-(2, 3-dichlorophenyl) prop-2-en-1-one	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320319362	
6	Development of novel porous membrane for filtration of dump yard ground water contaminants	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320315716	
7	Development of novel porous membrane for filtration of dump yard ground water contaminants	Dr. A.T.Ramaprasad		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320315716	



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8	Investigation of physical, spectral and thermal properties of a dimethoxy substituted chalcone for opto-electronic device applications	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320312980	
9	Methanol crossover reduction and power enhancement of methanol fuel cells with polyvinyl alcohol coated Nafion membranes	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320308385	
10	Novel methyl furan based chalcone material for potential nonlinear optical applications	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S221478532031573X	
11	Optimum hydrogen flowrates and membrane-electrode clamping pressure in hydrogen fuel cells with dual-serpentine flow channels	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320315753	



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12	Preparation, characterization and study on the nonlinear optical parameters of novel biphenyl-4-carbohydrazide derivative	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S221478532031837X	
13	Role of Zn in tuning the structural, morphological and optical properties of V2O5 nanostructures deposited by spray pyrolysis	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320318022	
14	Simulation and analysis of P (VDF-TrFE) cantilever-beams for low frequency applications	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320314644	
15	Structural, linear and nonlinear optical characterization of Ni and Al Co-Doped CdO semiconductor nanostructures for nonlinear optical device applications	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320315455	



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16	Structural, linear and nonlinear optical properties of CdTe nanostructures: Influence of film thickness	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320318381	
17	Structural, morphological and optical properties of barium doped bismuth ferrite thin films deposited by spray pyrolysis	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320317405	
18	Structure and property relationship of methoxy substituted novel organic crystals for photonic applications	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320311111	
19	Synthesis, growth and NLO studies of a novel pyridine centered chalcone derivative	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320316503	



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20	Synthesis, growth and structural characterization of 1-(furan-2-yl)-3-(2, 4, 6-trimethoxyphenyl) prop-2-en-1-one crystal	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320316904	
21	Synthesis, growth, Hirshfeld surface analysis and crystal structure of a pyridine based chalcone single crystal	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320314620	
22	The pivotal role of the pyridine ring in enhancing second order nonlinearity in methoxy substituted chalcones	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S221478532031751X	
23	Thermal, mechanical and linear optical studies of pyridine based trimethoxy substituted chromophore for NLO applications	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320317776	



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24	Thermal, mechanical and linear optical studies of pyridine based trimethoxy substituted chromophore for NLO applications	Dr. Shashi Kumar Kumara Swamy		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320317776	
25	Third order non linear optical properties of novel furan based organic crystal	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S2214785320316576	
26	Effect of Mg on structural, morphological and optical properties of Mg-doped V2O5 nanostructures	Dr. Jayarama A		Materials Today: Proceedings	2021	22147853	https://www.sciencedirect.com/science/article/pii/S221478532100393X	
27	Improved nonlinear optical absorption mechanism and susceptibility ($\chi^{(3)}$) of CdS nanostructured thin films: Role of zinc doping	Dr. Jayarama A		Materials Science in Semiconductor Processing	2021	1369-8001	https://www.sciencedirect.com/science/article/abs/pii/S1369800120313366	



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28	Structural, photoluminescence, physical, optical limiting, and hirshfeld surface analysis of polymorphic chlorophenyl organic chalcone derivative for optoelectronic applications	Dr. Jayarama A		Journal of Molecular Structure Vol: 1220 128763	2021	222860	https://www.sciencedirect.com/science/article/abs/pii/S0022286021001848	
29	Hirshfeld Surface Analysis, Enrichment Ratio, Energy frameworks and Third-order nonlinear optical studies of a hydrazone derivative for optical limiting applications	Dr. Jayarama A		Journal of Molecular Structure	2021	222860	https://www.sciencedirect.com/science/article/abs/pii/S0022286021011510	
30	Hirshfeld Surface Analysis, Enrichment Ratio, Energy frameworks and Third-order nonlinear optical studies of a hydrazone derivative for optical limiting applications	Dr. Shashi Kumar Swamy		Journal of Molecular Structure	2021	222860	https://www.sciencedirect.com/science/article/abs/pii/S0022286021011510	



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31	Role of UV irradiated Nafion in power enhancement of hydrogen fuel cells	Dr. Jayarama A	International Journal of Hydrogen Energy Vol: 44 57 30375 30387	2021	3603199	https://www.sciencedirect.com/science/article/abs/pii/S036031992101778X
32	Combined Experimental and Theoretical Investigations on Structural, Spectroscopic, Electronic, and Nonlinear Optical Behaviour of N'-(E)-(2, 5-dimethoxyphenyl)	Dr. Jayarama A	ECS Journal of Solid State Science and Technology	2021	2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/ac10b6
33	Chemical Etching of Glass in Hydrofluoric Acid: A brief review	Dr. Jayarama A	Materials Today: Proceedings	2021	https://www.sciencedirect.com/journal/materials-today-proceedings/articles-in-press?page=16	https://doi.org/10.1016/j.matpr.2021.12.110
34	The Significant role of molecular dipole arrangements on the second and third-order nonlinear optical properties of a furan based chalcone	Dr. Jayarama A	Materials Today: Proceedings	2021	https://www.sciencedirect.com/journal/materials-today-proceedings/articles-in-press?page=1	https://doi.org/10.1016/j.physb.2020.412501



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						6		
35	An Approach Toward Stateless Chatbots with the Benefit of Tensorflow Over Spacy Pipeline	Mr. Venkatesh	CSE	Advances in Artificial Intelligence and Data Engineering	2020	ISBN978-981-15-3516-1	https://link.springer.com/chapter/10.1007/978-981-15-3514-7_37	View Document
36	A modern themed system for patients security of data exposure in semi-convicted servers in the cloud	Mr. Vasudev S Shahapur	CSE	International Journal of Emerging Trends in Engineering Research	2020	ISSN 2347 - 3983	https://www.scopus.com/authid/detail.uri?authorId=57218771367	
37	A quantitative approach for attainment of CO & PO through laboratory for affiliated Institutes	Dr. Manjunath Kotari	CSE	GIS SCIENCE JOURNAL	2021	1869-9391	https://drive.google.com/file/d/1roVfS77ypV6NDUj-mJQuKJg2AJE480q3/view	

38	A quantitative approach for attainment of CO & PO through laboratory for affiliated Institutes	Mrs. Veena	CSE	GIS SCIENCE JOURNAL	2021	1869-9391	https://www.researchgate.net/publication/349426518_A_quantitative_approach_for_attainment_of_CO_PO_through_a_laboratory_for_affiliated_Institutes	
39	Effectiveness of online teaching & learning during Covid 19 Pandemic – A case study of Engineering Education in Karnataka	Dr. Manjunath Kotari	CSE	GIS SCIENCE JOURNAL	2021	1869-9391	https://drive.google.com/file/d/1MzTNx0UI0F33hHt4qfmmzQsX1GyX6s9j/view	
40	Effectiveness of online teaching & learning during Covid 19 Pandemic – A case study of Engineering Education in Karnataka	Mrs. Veena	CSE	GIS SCIENCE JOURNAL	2021	1869-9391	https://drive.google.com/file/d/1MzTNx0UI0F33hHt4qfmmzQsX1GyX6s9j/view	
41	Layers Based Optimal Privacy Preservation of the On-premise Data Supported by the Dual Authentication and Lightweight on Fly Encryption in Cloud Ecosystem	Mr. Hemanth Kumar N P	CSE	Wireless Personal Communication	2021	Print ISSN-0929-6212	https://link.springer.com/article/10.1007/s11277-021-08681-z	



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42	Comparative Study on Behaviour of CFST and CES Columns Using ABAQUS Software	A. Tanvi Rai	CV	<u>Trends in Civil Engineering and Challenges for Sustainability</u>	2020	ISBN Print 978-981-15-6827-5 & ISBN Online 978-981-15-6828-2	https://link.springer.com/chapter/10.1007/978-981-15-6828-2_26	View Document
43	Time-Invariant Reliability Analysis of RC T-Beam Bridge Girder—Limit State of Strength in Flexure	A. Tanvi Rai	CV	<u>Trends in Civil Engineering and Challenges for Sustainability</u>	2020	ISBN Print 978-981-15-6827-5 & ISBN Online 978-981-15-6828-2	https://link.springer.com/chapter/10.1007/978-981-15-6828-2_27	
44	Synthesis, growth and structural characterization of 1-(furan-2-yl)-3-(2,4,6-trimethoxyphenyl) prop-2-en-1-one crystal	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 431-435	https://doi.org/10.1016/j.matpr.2020.02.900	View Document
45	Thermal, mechanical and linear optical studies of pyridine based trimethoxy substituted chromophore for NLO applications	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 465-468	https://doi.org/10.1016/j.matpr.2020.02.983	



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46	A review on effect of alloying elements and heat treatment on properties of Al – Sn alloy	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 340-343	https://doi.org/10.1016/j.matpr.2020.01.617
47	Optimum hydrogen flowrates and membrane-electrode clamping pressure in hydrogen fuel cells with dual-serpentine flow channels	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 412-416	https://doi.org/10.1016/j.matpr.2020.02.791
48	Structural, morphological and optical properties of barium doped bismuth ferrite thin films deposited by spray pyrolysis	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 440-444	https://doi.org/10.1016/j.matpr.2020.02.950
49	Methanol crossover reduction and power enhancement of methanol fuel cells with polyvinyl alcohol coated Nafion membranes	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 344-351	https://doi.org/10.1016/j.matpr.2020.02.093
50	Development of novel porous membrane for filtration of dump yard ground water contaminants	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 405-408	https://doi.org/10.1016/j.matpr.2020.02.787



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51	Structural, linear and nonlinear optical characterization of Ni and Al Co-Doped CdO semiconductor nanostructures for nonlinear optical device applications	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 396-404	https://doi.org/10.1016/j.matpr.2020.02.766	
52	Simulation and analysis of P(VDF-TrFE) cantilever-beams for low frequency applications	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 392-395	https://doi.org/10.1016/j.matpr.2020.02.698	
53	Third order non linear optical properties of novel furan based organic crystal	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 427-430	https://doi.org/10.1016/j.matpr.2020.02.867	
54	Role of UV irradiation of Nafion membranes on ionic groups responsible for proton conduction and mechanical strength: A FTIR spectroscopic analysis	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 25, December 2020, 101471	https://doi.org/10.1016/j.mtcomm.2020.101471	



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55	Synthesis, growth and NLO studies of a novel pyridine centered chalcone derivative	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 423-426	https://doi.org/10.1016/j.matpr.2020.02.860	
56	Role of Zn in tuning the structural, morphological and optical properties of V2O5 nanostructures deposited by spray pyrolysis;	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 469-473	https://doi.org/10.1016/j.matpr.2020.03.028	
57	Novel methyl furan based chalcone material for potential nonlinear optical applications;	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 409-411	https://doi.org/10.1016/j.matpr.2020.02.789	
58	Third order non linear optical properties of novel furan based organic crystal;	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 427-430	https://doi.org/10.1016/j.matpr.2020.02.867	
59	A review on effect of alloying elements and heat treatment on properties of Al- Sn alloy;	Dr.Richard Pinto	ECE	Materials Today: Proceedings	2020-21	Volume 35, Part 3, 2021, Pages 340-343	https://doi.org/10.1016/j.matpr.2020.01.617	



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60	Methanol crossover reduction and power enhancement of methanol fuel cells with polyvinyl alcohol coated Nafion membranes	Dr. D V Manjunatha	ECE	Materials Today: Proceedings	2020-21	Materials Today: Proceedings 35 (2021) 344–351	https://doi.org/10.1016/j.matpr.2020.02.093	
61	Role of UV irradiation of Nafion membranes on ionic groups responsible for proton conduction and mechanical strength: A FTIR spectroscopic analysis	Dr. D V Manjunatha	ECE	Materials Today: Proceedings	2020-21	Materials Today Communications 25 (2020) 101471	https://doi.org/10.1016/j.mtcomm.2020.101471	
62	Sunlight driven decomposition of toxic organic compound, coumarin, p-nitrophenol, and photo reduction of Cr(VI) ions, using a bridge structure of Au@CNT@TiO ₂ nanocomposite	Dr. Mirnmoy Misra	ECE	<u>Applied Catalysis B: Environmental</u>	2020-21	ISSN 0926-3373	10.1016/j.apcatb.2020.118991	
63	A Review on Design and Implementation of Micro Weather Station	Mrs. Vijetha TS	ECE	Journal of Chengdu University of Technology	2020-21	ISSN-NO-1671-9727	CDU-0721-178	



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64	Design and Implementation of Automated Hydroponic System	Mrs. Vijetha TS	ECE	Journal of Chengdu University of Technology	2020-21	ISSN-NO-1671-9727	CDU-0721-252	
65	FOOT STEP POWER GENERATION USING PIEZOELECTRIC SENSOR	Mr. Santhosh S	ECE	Journal of Chengdu University of Technology	2020-21	ISSN-NO-1671-9727	CDU-0921-180	
66	Effectivness of online teaching and learning during covid -19 pandemic - A case study of engineering education in karnataka	Dr. Kiran B Malagi	ISE	GIS SCIENCE JOURNAL	44613	1869-9391	https://drive.google.com/file/d/1MzTNx0UI0F33hHt4qfmmzQsX1GyX6s9j/view	View Document
67	A quantitative approach of attainment of co and po through laboratory for affiliated institute	Dr. Kiran B Malagi	ISE	GIS SCIENCE JOURNAL	44613	1869-9391	https://drive.google.com/file/d/1roVfS77ypV6NDUj-mJQuKJg2AJE480q3/view	

68	A study on need and application of data mining and analytical techniques in music therapy	Dr. Kiran B Malagi	ISE	JOURNAL OF Huazhong University of Science and Technology	44733	1671-4512	https://app.box.com/s/t58tg67om1elgqkh8hhavs73x18hbdd0	
69	Need of Multi-Cloud Environment and Related Issues: A Survey	Mr. Sudheer Shetty	ISE	Journal of Xi'an University of Architecture & Technology	2020	1006-7930	https://www.xajzkjdx.cn/gallery/82-sep2020.pdf	
70	Optimization of process parameters in Electro Chemical Discharge Machining of silica glass through Analysis of Means	Mr. Sadashiv Bellubbi	ME	IOP Conference series: Materials science & Engineering , 1065 (2021) 012003	2021	1757-899X	https://doi.org/10.1088/1757-899X/1065/1/012003	View Document
71	Saltwater corrosion behaviour of equal channel angular pressed AZ80/91 Mg alloys	Mr. Sadashiv Bellubbi	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2021.02.359	



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72	Multi Response Optimization of ECDCM Process Parameters for Machining of Microchannel in Silica Glass Using Taguchi-GRA Technique	Mr. Sadashiv Bellubbi	ME	Silicon- SCI indexed (Springer Publishers)	2021	0967-0912	https://doi.org/10.1007/s12633-021-01167-4
73	"Experimental investigations on high pressure assisted waste mix cooking oil powered biodiesel fuelled CRDI engine and injection parameter studies"	Mr. Kiran C H	ME	IOP Conference Series: Materials Science and Engineering Scopus indexed & Web of science	2021	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1070/1/012119/meta
74	Microstructure and Wear Behaviour of Matrix Al7075 Reinforced With Micro Wc-Co Particulate Composite Processed by Stir Casting Method	Mr. Gopal Krishna U B	ME	IOP Conference Series: Materials Science and Engineering (Recieved Best Paper Award)	2021	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1013/1/012020
75	Effect of percentage variation on wear behaviour of WC and Co reinforced Al-7075 matrix composite synthesized by melt stirring method	Mr. Gopal Krishna U B	ME	Journal of Bio- and Tribo-Corrosion, Springer Publication	2021	0967-0912	https://doi.org/10.1007/s40735-021-00528-1



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76	A Review on Thermal Properties of Hybrid Polymer Matrix Composites	Gurushanth B Vaggar	ME	IOP Conf. Series: Materials Science and Engineering	2021	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1065/1/012030/pdf
77	Investigation on performance and emission of diesel engine with cardanol based hybrid boidiesel blends	Dr. Peter Fernandes	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.02.691
78	Investigation on performance and emission of diesel engine with cardanol based hybrid boidiesel blends	Mr. K.V.Suresh	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.02.691
79	Effect of injection pressure on performance and emission of diesel engine with blends of Honge-Rice bran bio diesel	Dr. Peter Fernandes	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.03.071



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80	Effect of injection pressure on performance and emission of diesel engine with blends of Honge-Rice bran bio diesel	Mr. K.V.Suresh	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.03.071	
81	Optimum hydrogen flowrates and membrane-electrode clamping pressure in hydrogen fuel cells with dual-serpentine flow channels	Dr. Peter Fernandes	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.02.791	
82	Optimum hydrogen flowrates and membrane-electrode clamping pressure in hydrogen fuel cells with dual-serpentine flow channels	Mr. K.V.Suresh	ME	Materials Today Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.02.791	
83	A Review on Effect of Alloying Elements and Heat Treatment on Properties of Al-Sn Alloy	Dr. Satyanarayan	ME	Materials Today Proceedings	2021	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2020.01.617	
84	Study on Thermal Resistance of Brass with and without coating of Metallic surface	Dr. Satyanarayan	ME	Materials Today Proceedings	2021	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2020.02.076	



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85	Study on Thermal Resistance of Brass with and without coating of Metallic surface	Mr. Kumar Swamy	ME	Materials Today Proceedings	2021	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2020.02.076	
86	Simulation and analysis of P(VDF-TrFE) cantilever-beams for low frequency applications	Dr. Satyanarayan	ME	Materials Today Proceedings	2021	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2020.02.698	
87	Effect of Surface Treatment on Wetting Behavior of Copper	Dr. Satyanarayan	ME	Materials Today Proceedings	2021	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2020.01.617	
88	Role of UV irradiated nafion in power enhancement of hydrogen fuel cells	Dr. Satyanarayan	ME	International Journal of Hydrogen Energy	2021	ISSN 0360-3199	https://doi.org/10.1016/j.ijhydene.2021.05.058	
89	Role of UV irradiated nafion in power enhancement of hydrogen fuel cells	Dr. Peter Fernandes	ME	International Journal of Hydrogen Energy	2021	ISSN 0360-3199	https://doi.org/10.1016/j.ijhydene.2021.05.058	



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90	Physical, chemical and surface morphological characterization of single areca sheath fiber	Mr. Suresh P S	ME	IOP Publishing	2021	1065 (2021) 012020	https://iopscience.iop.org/article/10.1088/1757-899X/1065/1/012020/pdf	
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