

PRATHYUSHA ENGINEERING COLLEGE
DETAILS OF PAPERS PUBLISHED
ACADEMIC YEAR 2020-2021

S.no	Department	No. OF Papers Published				Total Publications
		National Journal	National Conference	International Journal	International Conference	
1.	BIOTECH	-	-	13	-	13
2.	ECE	-	-	12	-	12
3.	CSE	-	-	18	-	18
4.	EEE	-	-	-	-	
5.	MECHANICAL	-	-	9	-	9
6.	IT	-	-	10	-	10
7.	CIVIL	-	-	7	-	7
8.	S&H	-	-	1	-	1
Total Publications						70

S.No	Dept	Name of the faculty	International Journal/Conference	National journal/Conference	Paper title	ISBN/ISSN number	Volume, Issue, Page no.	Date and year of publication	Impact factor	DOI/URL
1.	CSE	Dr.S.PadmaPriya	Test Engineering and Management (Scopus Indexed)		SAP ERP based HRModule for an Educational Institution Payroll	ISSN: 0193-4120	volume 83 Page No. 3916-3918	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7980/6032
2.	CSE	Dr.S.PadmaPriya	Test Engineering and Management (Scopus Indexed)		SAP ERP Based PM Module	ISSN: 0193-4120	volume 83 Page No. 3018-3021	May -June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7745/5878

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3.	CSE	Dr.S.PadmaPriya	Test Engineering and Management (Scopus Indexed)		Designing Of Multiplexers Using Quantum-Dot Cellular Automata	ISSN: 0193-4120	volume 83 Page No. 3001-3005	May -June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7742/5875
4.	CSE	Dr.M.Gopikrishnan	Test Engineering and Management (Scopus Indexed)		Early Forest Fire Recognition Using Deep Learning	ISSN: 0193-4120	Volume 83 Page No. 3054-3058	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7755/5883
5.	CSE	Mr.Thiyagarajan	Test Engineering and Management (Scopus Indexed)		Android Based Visual Product Identification for the Blind	ISSN: 0193-4120	Volume 83 Page No. 3025-3028	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7747/5880
6.	CSE	Mr.Thiyagarajan	Test Engineering and Management (Scopus Indexed)		"Data accumulation with a reduced amount of retard requirements for wireless sensor networks"	ISSN: 0193-4120	Volume 83 Page No. 3011-3017	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7744/5877
7.	CSE	R Thiagarajan	Test Engineering and Management (Scopus Indexed)		Prediction and pattern Identification of crime data using data mining techniques	ISSN: 0193-4120	Volume 83 page 3006-3010	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7743/5876

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8.	CSE	R Thigarajan	International Journal of Advanced Science and Technology		A novel solution for economizing water by a mix of technologies with a low cost approach		Vol. 29 No. 7 916-921	May 2020	0.11	http://sersec.org/journals/index.php/IJAST/article/view/14948
9.	CSE	Mr.I.Mohan	International Journal of Advanced Science and Technology		A novel solution for economizing water by a mix of technologies with a low cost approach		Vol. 29 No. 7 (2020)916-921	May 2020	0.11	http://sersec.org/journals/index.php/IJAST/article/view/14948
10.	CSE	I.Mohan	Test Engineering and Management (Scopus Indexed)		Prediction and pattern Identification of crime data using data mining techniques	ISSN: 0193-4120	Volume 83page 3006-3010	May-June 2020		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876
11.	CSE	Mr.I.Mohan	Test Engineering and Management (Scopus Indexed)		"Data accumulation with a reduced amount of retard requirements for wireless sensor networks"	ISSN: 0193-4120	Volume 83Page No. 3011-3017	May-June 2020		http://www.testmagzine.biz/index.php/testmagzine/article/view/7744/5877
12.	CSE	Mr.W. Thamba Meshach	International Research Journal of Engineering and Technology		Classification of emotional states using ECG signals and SVM		Volume: 07 Issue: 0844387	Aug 2020		https://www.irjet.net/archives/V7/i8/Velammal/NCRACES-02.pdf

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13.	CSE	Mr.W. Thamba Meshach	International Journal of Applied Science and Engineering,		Industrial Internet of Things (IIoT) – An IoT Integrated Services for Industry 4.0 : A Review		Vol.8, Issue 1 37-42	June 2020		
14.	CSE	Ms. K. Sornalatha	Internarional Research Journal of Engineering and Technology		RobustMalware Detection for IOT using Deep Eigen Space Learning	ISSN: 2395-0072	Volume 7 Issue 6 1495-1497	June 2020	7.529	https://www.irjet.net/archives/V7/i6/IRJET-V7I6278.pdf
15.	CSE	B.GUNASUN DARI	Test Engineering and Management (Scopus Indexed)		Prediction and pattern Identification of crime data using data mining techniques	ISSN: 0193-4120	Volume 83 page 3006-3010	May-June 2020		http://www.testmagzine.biz/index.php/testmagzine/article/view/7743/5876
16.	CSE	Famitha .S	International Journal Of Advanced Science and Technology		Prediction of Human Brain Tumor Based on Machine Learning		Volume 29, Issue 31 3635-13645	August 2020	0.11	https://www.jncet.org/Manuscripts/Volume-9/Issue-1/Vol-9-issue-1-M-01.pdf
17.	CSE	Dr.V.R.Kavitha	Journal Of Critical Reviews (Scopus Indexed)		An Income Tax Fraud Detection Using AI	ISSN-2394-5125	VOL 7, ISSUE 16 119 - 124	September 2020	1.091	http://www.jcreview.com/fulltext/197-1593524552.pdf?1620892749
18.	CSE	Dr.R Thiagarajan	European Journal of Molecular & Clinical Medicine		Cyber Attack Detection on IOT Using Network Traffic Mechanism by Neural Network Predictive Approach	Online ISSN: 2515-8260	Volume 7, Issue 10, Pages 3690-3698	2020		https://ejmcm.com/pdf_7475_4a937408961adc707377a5ffcc98e32f.html

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19.	ECE	Dr S Arun	Test Engineering and Management (Scopus Indexed)		Designing Of Multiplexers Using Quantum-Dot Cellular Automata	ISSN: 0193-4120	volume 83 Page No. 3001-3005	May -June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7742/5875
20.	ECE	Dr.Anitha Karthikeyn	Research Squire-Springer Nonlinear Dynamics		Modified Morris–Lecar neuron model: effects of very low frequency electric fields and of magnetic fields on the local and network dynamics of an excitable media		1-17	09-05-2021		https://link.springer.com/article/10.1007/s11071-021-06494-0
21.	ECE	Dr Anitha Karthikeyn	Chaos: An Interdisciplinary Journal of Nonlinear Science		Size matters: Effects of the size of heterogeneity on the wave re-entry and spiral wave formation in an excitable media	Chaos 31, 05313 1	Chaos 31, volume 31 , issue -5 (2021)	20-05-2021		https://doi.org/10.1063/5.0051010
22.	ECE	S Arun	European Journal of Molecular & Clinical Medicine		Cyber Attack Detection on IOT Using Network Traffic Mechanism by Neural Network Predictive Approach	Online ISSN: 2515-8260	Volume 7, Issue 10, Pages 3690-3698	2020		https://ejmcm.com/pdf/7475_4a937408961adc707377a5ffcc98e32f.html
23.	ECE	E U Iniyan	Turkish Journal of Physiotherapy and Rehabilitation		MACHINE LEARNING APPROACH FOR STUDENT LEARNING PERFORMANCE PREDICTION BEFORE FINAL EXAMINATION	ISSN 2651-4451 e-ISSN 2651-446X	32[3]	May 2021		https://turkjphysiotherrehabil.org/pub/pdf/321/32-1-107.pdf

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24.	ECE	Dr.P.Malathi	International Journal of progressive Research in Science and Engineering		Stair Climbing GPS eanbled Autonomous Wheelchair with health monitoring system.	2509-0119	Volume-1, Issue-6 PG NO 29-33	Sep 2020	0.21	https://journals.grdpublications.com/index.php/ijprse/article/view/176/172
25.	ECE	Mrs. G.Premalatha	International Journal of progressive Research in Science and Engineering		Stair Climbing GPS eanbled Autonomous Wheelchair with health monitoring system.	2509-0119	Volume-1, Issue-6 PG NO 29-34	Sep 2020	0.21	https://journals.grdpublications.com/index.php/ijprse/article/view/176/172
26.	ECE	Mrs.P.Vadivu	International Journal of progressive Research in Science and Engineering		Stair Climbing GPS eanbled Autonomous Wheelchair with health monitoring system.	2509-0119	Volume-1, Issue-6 PG NO 29-35	Sep 2020	0.21	https://journals.grdpublications.com/index.php/ijprse/article/view/176/172
27.	ECE	Mrs.P.Vadivu	International Journal of Engineering Science and computing		"Facial Recognition Smart Glasses for Visually Challenged Persons"	ISSN 2321 3361	Volume 10 Issue No.9 27271 - 27275	Sep 2020	5.611	https://ijesc.org/upload/696bb294ad388339bb0a50e87a1925f2.Facial%20Recognition%20Smart%20Glasses%20for%20Visually%20Challenged%20Persons.pdf
28.	ECE	T. Rubesh Kumar	Solid State Technology		EBG Based Analysis for Transient Ischemic Attack Detection	0038-111X	Vol. 63 No. 2s pg no/ 01 - 08	2020	0.11	

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29.	ECE	Mr.E.U.Iniyan	International Journal of Scientific Development and Research		Smart Pill Vending System for Rural Population with Fault Tolerance	ISSN: 2455-2631	Volume 5 Issue 9,	Sep 2020	4.396	https://www.ijdsr.org/viwpaperforall.php?paper=IJSDR2009071
30.	ECE	Dr.S.Vimala	International Journal of Computational Methods		Optimal Routing and Deep Regression Neural Network for Rice Leaf Disease Prediction in IoT			29-01-2021	1.761	https://doi.org/10.1142/S0219876221500146
31.	CIVIL	Ms.S.Vallabhy	International journal of Research and Development		Characterization of Historic Lime mortars in cultural heritage buildings in Udaipur-Rajashthan	2278-067X	Volume 16, Issue 7, PP. 28-36	(July 2020)		http://www.ijerd.com/paper/vol16-issue7/2/D1607022836.pdf
32.	CIVIL	Ms.S.Vallabhy	International journal of Research and Analytical Reviews		Experimental study on Fiber Reinforced copper slag	2348-1269	volume 7 issue 3213-220	Sep-20		
33.	CIVIL	Ms.S.Vallabhy	International journal of Research and Development		Experimental study on Exploring the potential of Low Cement Content concrete Through Alkaline binder	e- ISSN: 2278-067X, p- ISSN: 2278-800X	Volume 16, Issue 9 PP. 28-33	Sep -2020		http://www.ijerd.com/paper/vol16-issue9/D16092833.pdf
34.	CIVIL	Ms.P.Sarala	IJRASET		Experimental Investigation on M-Sand with Steel Fibre in Self Compacting Concrete	ISSN: 2321-9653; IC	Volume 8 Issue V May 2020	May-20		

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						Value: 45.98;				
35.	CIVIL	Ms.P.Sarala	IRJMETS		Experimental Study on strengthening of steel fibre reinforced concrete beams using GFRP in flexure	ISSN: 2582-5208;	Volume 2 Issue 9 1140-1144	Sep-20	5.34	https://irjmets.com/rootaccess/forms/uploads/experimental-study-on-strengthening-of-steel-fibre-reinforced-concrete-beams-using-grfp-in-flexure-irjmets.pdf
36.	CIVIL	Ms.P.Sarala	IJARIE		Experimental study on behavior of basalt fiber reinforced concrete filed stainless steel tube and mild steel tube	ISSN: 2395-4396;	Volume 6 Issue 5 720-727	Sep-20		http://ijarie.com/AdminUploadPdf/EXPERIMENTAL STUDY ON BEHAVIOUR OF BASALT FIBER REINFORCED CONCRETE FILLED STAINLESS STEEL TUBE AND MILD STEEL TUBE ijarii12754.pdf
37.	CIVIL	Ms.P.Sarala	IJRASET		Performance of self-compact of concrete with partial replacement of cement with nano-silica	ISSN: 2321-9653; IC Value: 45.98;	Volume 8 Issue V 2136-2139	May-20	7.429	https://www.ijraset.com/fileserve.php?FID=28860
38.	CIVIL	Mr.S.Karupasa my	IJSART		A Study on Recycling of Crumb Rubber And Low Density Polyethylene Blend on Stone Matrix Asphalt	[ONLINE]: 2395-1052	Volume 6 Issue 6 278-281	Jun-20		http://ijsart.com/Content/PDFDocuments/IJSARTV6I637862.pdf

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39.	CIVIL	Mr.S.Karupasa my	international Journal for Research in Applied Science & Engineering Technology (IJRASET)		Experimental Investigation on Mechanical Properties of Polypropylene Fibre Reinforced Pervious Concrete	ISSN: 2321-9653; IC Value: 45.98;	Volume 8 Issue IX 685-689	September-20	7.429	https://www.ijraset.com/fileserve.php?FID=31564
40.	CIVIL	Mr.S.Karupasa my	International Journal of advanced research and innovative ideas		Experimental investigation on waste foundry sand with recron fibre in reinforced cement concrete	Paper Id : 12747 ISSN(O) : 2395-4396	Volume-6 Issue-5 2020 709-713	May-20		http://ijariie.com/AdminUploadPdf/Experimental Investigation on Waste foundry sand with Recron fibre in Reinforced Cement concrete ijariie12747.pdf
41.	IT	Dr.P.Chitra	Journal Materials Today: Proceedings, S-Bland-ELSEVIER SCIENCE		Contrasting Performance Metrics of Discrete Transformations on Digital Image Steganography using Artificial Intelligence	ISSN :2214-7853	-	Jan 2021	2.47	https://www.sciencedirect.com/science/article/pii/S2214785320397613
42.	IT	Dr.P.Chitra	Journal Materials Today: Proceedings, S-Bland-ELSEVIER SCIENCE		Smart Fertilizer Management System Based on IoT Chlorophyll Meter	ISSN :2214-7853	-	Oct 2020	2.47	https://www.sciencedirect.com/science/article/pii/S2214785320386132
43.	IT	Dr.P.Chitra	International Journal of Modern Agriculture		CLOUD BASED FARM MONITORING USING IOT	ISSN: 2305-7246	Volume 10, No.01	March 2021		

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44.	IT	J Omana	Test Engineering and Management (Scopus Indexed)		Prediction and pattern Identification of crime data using data mining techniques	ISSN: 0193-4120	Volume 83page 30 06-3010	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7743/5876
45.	IT	C Kamatchi	Test Engineering and Management (Scopus Indexed)		Prediction and pattern Identification of crime data using data mining techniques	ISSN: 0193-4120	Volume 83 page 3006-3010	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7743/5876
46.	IT	B.S.Liya	Test Engineering and Management (Scopus Indexed)		Grab Your Yield on Stock Market Using Sentimental Analysis and LSTM using ARNN	ISSN: 0193-4120	Volume 83 Page No. 4709-4714	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/8190/6183
47.	IT	M.D.Boomija	Test Engineering and Management (Scopus Indexed)		Smart Vehicle Monitoring System using IoT	ISSN: 0193-4120	Volume 83 3022-3024	May-June 2020		http://www.testmagazine.biz/index.php/testmagzine/article/view/7746
48.	PHYS ICS	DR.R.Surekha	Elsevier-optical materials		Third order nonlinear optical, spectral, luminescence, mechanical strength and electrical properties of D – Alanine bulk crystals	0925-3467	VOL 111, 110646 PAGES 1-10	Jan 2021	2.76	https://www.sciencedirect.com/science/article/abs/pii/S0925346720309861
49.	BT	Ranjitsingh AJA	Journal of King Saud		Probiotic lactobacilli: Can be a remediating supplement for	1018-3647	Volume 33, Issue 2 (1-8)	Mar 2021	3.819	https://doi.org/10.1016/j.jksus.2020.101286

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			University - Science		pandemic COVID-19. A review					
50.	BT	Ranjitsingh AJA	(Journal of Infection and Public Health		Synthesis of silver nanoparticles using gum Arabic: Evaluation of its inhibitory action on Streptococcus mutans causing dental caries and endocarditis	1876-0341	Volume 14, Issue 3, March 2021, Pages 324-330	Mar 2021	2.447	https://doi.org/10.1016/j.jiph.2020.12.016
51.	BT	Ranjitsingh AJA	(Journal of Drug Delivery Science and Technology		Frankincense, an aromatic medicinal exudate of Boswellia carterii used to mediate silver nanoparticle synthesis: Evaluation of bacterial molecular inhibition and its pathway	1773-2247	Volume 61, February 2021, 102337	Feb 2021	2.734	https://doi.org/10.1016/j.jddst.2021.102337
52.	BT	Ranjitsingh AJA	(Saudi Journal of Biological Sciences		Nano-formulation of herbo-mineral alternative medicine from linga chenduram and evaluation of antiviral efficacy	1319-562X	Volume 28, Issue 3, March 2021, Pages 1596-1606	Mar 2021	2.802	https://doi.org/10.1016/j.sjbs.2020.12.005
53.	BT	Ranjitsingh AJA	Journal of Infection and Public Health		<i>Antimicrobial and anticancer properties of Carica papaya leaves derived di-methyl flubendazole mediated silver nanoparticles</i>	1876-0341	Volume 14, Issue 5, May 2021, Pages 577-587	Mar 2021	2.447	https://doi.org/10.1016/j.jiph.2021.02.004
54.	BT	Ranjitsingh AJA	Saudi J Biol Sci.		<i>In-vitro free radical scavenging effect and</i>	1319-562X	Volume 28, Issue	Mar 2021	2.802	https://doi.org/10.1016/j.sjbs.2020.12.051

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					<i>cytotoxic analysis of Black Cummins and Honey formulation</i>		3, March 2021, Pages 1576-1581			
55.	BT	Ranjitsingh AJA	Electronic Journal of Biology		Influence of Environmental Stress and Male Infertility-A Clinical Evaluation			November 24, 2020	2.01	https://ejbio.imedpub.com/influence-of-environmental-stress-and-male-infertility-a-clinical-evaluation.php?aid=33624
56.	BT	Dhasarathan P	Research Journal of Biotechnology		Cloning green fluorescent protein gene in pQE-80L vector and characterisation of transformed protein in E.Coli	0973-6263	Vol. 16 (5) May (2021)	Mar 2021	0.798	https://worldresearchersassociations.com/biotechcurriissue/2.pdf
57.	BT	Thenmozhi M	Indian Journal of Animal Research		Immunomodulatory Efficiency of Abelmoschus esculentus in Swiss Albino Mice	0367-6722 Online ISSN: 0976-0555	2021.(55):401-406	April 2021	0.395	https://www.arccjournal.com/journal/indian-journal-of-animal-research/B-3966
58.	BT	Dr. M. Thenmozhi	GIS SCIENCE JOURNAL		Development and Validation of Silver Nanoparticles Enriched Polyherbal Anticandidal Ointment	1869-9391	VOLUM E 7, ISSUE 9,492-508	Sep 2020		https://drive.google.com/file/d/1FN3hOs4BPMuM3Oe_2B1wW8RCUv0pVaP-/view?usp=sharing

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59.	BT	Dr. M. Thenmozhi	GIS SCIENCE JOURNAL		Identification Of A Suitable Inhibitor For Snake (N. Naja) Venom Pla2 By Molecular Docking	1869-9391	VOLUME 7, ISSUE 9, Page No: 509-523	Sep 2020		https://drive.google.com/file/d/1An-5lktNy4Jq5ceJQvaUGEiGEPtVgITK/view?usp=sharing
60.	BT	Dr.A.Praveena	GIS SCIENCE JOURNAL		Anti-phytopathogenic Effect Of Solanum Xanthocarpum Extracts Against Curvularia Lunata And Pseudomonas Syringae Pv Tomato	1869-9391	VOLUME 7, ISSUE 8, Page No: 167-177	Oct 2020		https://drive.google.com/file/d/10_N2zccTk9S7WpmaIPqvCINCzEqon77g/view?usp=sharing
61.	BT	CHOLAPAN DIAN.K	GIS SCIENCE JOURNAL		Comparative Study On Cuticular Wax Extraction From Medicinal Plants And Its Coating For Increasing Shelf Life Of Fruits	1869-9391	VOLUME 7, ISSUE 9, Page No: 593-607	Sep 2020		https://drive.google.com/file/d/1dNAF4biK1OulSfj3T3j5u94Coo3SONBQ/view?usp=sharing
62.	MECH	N.Ramasamy	Journal of Adhesion Science and Technology		Effect of fiber surface modifications on the interfacial adhesion in kevlar fiber reinforced polymer composites	1586-5616		25-05-2021		https://doi.org/10.1080/01694243.2021.1911205
63.	Mech	Dr V Jayaseelan	Silicon		Silane Grafted Nanosilica and Aramid Fibre- Reinforced Epoxy Composite: DMA, Fatigue and Dynamic Loading Behaviour	1876-9918	6, 1-9	19-03-2021		https://doi.org/10.1007/s12633-021-01060-0
64.	Mech	Dr V Jayaseelan	Silicon		Optimization of SiC Abrasive Parameters on	1876-9918	1,1-8	06-01-2021		https://doi.org/10.1007/s12633-020-00918-z

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					Machining of Ti-6Al-4V Alloy in AJM Using Taguchi-Grey Relational Method					
65.	Mech	Dr V Jayaseelan	Materials Today Proceedings		Effect of ceramic coating on the performance, emission, and combustion characteristics of ethanol DI diesel engine	2214-7853	Volume 39, Part 4, 2021, Pages 1259-1264	01-01-2021		https://doi.org/10.1016/j.matpr.2020.04.160
66.	Mech	Dr V Jayaseelan	Silicon		Biodiesel and green diesel generation: an overview	1953-8189		11.1.21		
67.	Mech	Mr K Balachandar	International Journal of Performability Engineering		Condition Monitoring of Friction Stir Welding Tool Using Vibration Signals and Support Vector Machine- A Machine Learning Approach	(Under Review)		Submitted on March 11 2021,		
68.	Mech	Mr K Balachandar	IOP Conference Proceedings : Journal of Physics		Friction Stir Welding Tool Condition Prediction Using Vibrational Analysis Through Machine Learning	(Under Review)		Submitted on May 4 2021		
69.	Mech	Mr K Balachandar	Materials Today Proceedings		Friction stir welding tool condition monitoring using vibration signals and Random forest algorithm–A Machine learning approach,	2214-7853	1-6	27-02-2021		https://doi.org/10.1016/j.matpr.2021.02.061

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70.	Mech	Mr K Balachandar	Materials Today Proceedings		A credal decision tree classifier approach for surface condition monitoring of friction stir weldment through vibration patterns	2214- 7853	1-7	26-02-2021		https://doi.org/10.1016/j. matpr.2021.02.054
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