



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

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Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

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

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	National / International	Year of publication	ISBN number of the proceeding	Name of the publisher	DEPT
1	B.Pavanan, R.Pandiyam, P.Muruga	Photovoltaic-Fuel Cell In Jaya-Based Maximum Power Point Tracking	International Conference on Advanced Materials interdisciplinary technology (ICAMIT23)	International	2023	2249-3468	Rising Research Publication	Mech
2	Manjula.M., IndhumathY.M., Vinothkumar. R And D. Maladhy	Nse Nifty And Industry Sectors - Review	International conference on Interdisciplinary Research in Human Needs (ICIRHN 2022)	International	2023	2277-6656	Rising Research Publication	IT
3	S.Aravindkumaran	Rule based routing in the cognitive radio network for the Data routing	Artificial Intelligence and Smart Systems (ICAIS), International Conference on	International	2023			BME
4	S. Sedhumadhavan	Stress Detection through Eye tracking using Artificial Intelligence	NCISA-2023 PROCEEDINGS	National	2023			BME



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5	S. Sedhumadhavan	Deep Learning Machine applied to chest X ray Pulmonary Tuberculosis Detection	NCISA-2023 PROCEEDINGS	National	2023			BME
6	D. Maladhy R. Vinoth Kumar A.Dhunsri R.Nithyalakshmi T.Prithiga	Building Helplines and Caring For Missing Children Using Deep Learning Algorithm	Proceedings of National Conference on Information Security and Applications	National	2023			IT
7	J. Veerendeswari R. Vinoth Kumar V.Riyasen A.Shivaranjini A.M.VishwaPriya	Employee Attrition Using Machine Learning	Proceedings of National Conference on Information Security and Applications	National	2023			IT
8	M. Indumathy R. Vinoth Kumar V.Anushaharini V.Chandiralekha C.Sorna	Heart Disease Identification using Machine Learning with Prediction Algorithm	Proceedings of National Conference on Information Security and Applications	National	2023			IT



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9	R. Vinoth Kumar P.Dhanalakshmi D.Durgadevi S.Jayasree	Phising Websites Detection Using Machine Learning Techniques and RNN	Proceedings of National Conference on Information Security and Applications	National	2023			IT
10	M. Manjula R. Vinothkumar P.Karthikeyan M.Karthikeyan S.Krishnakumar	Real Time Attendance using Face Recognition	Proceedings of National Conference on Information Security and Applications	National	2023			IT
11	D. Maladhy R. Vinoth Kumar K.Priyadharshini M.Sarthika T.Svedha	Road Accident Prediction using Decision Tree(DT) Machine Learning Algorithm Techniques	Proceedings of National Conference on Information Security and Applications	National	2023			IT
12	R. Vinoth Kumar M. Indumathy S.Humruth K.Thamizharasan	Scrum Handler	Proceedings of National Conference on Information Security and Applications	National	2023			IT



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13	J. Veerendeswari R. Vinoth Kumar M.Ravindran A.Mohammed Halith M.Siddhanandam	The Three Level Security based IOT Automation	Proceedings of National Conference on Information Security and Applications	National	2023			IT
14	R.Pavithra V.Subha	The Virtual Quick Responsive Scanning for Smart Shopping Cart	Proceedings of National Conference on Information Security and Applications	National	2023			IT
15	V.Vishwa V.Manikandan T.Ilavazhuthi	Productivity Improvement by Digital Experiences	Proceedings of National Conference on Information Security and Applications	National	2023			IT
16	N.Pradeep Ramakrishnan, C.Jayaraj,G.Elango	Real Time Flood Monitoring And Prediction Of Water Accumulation Based On Deep Learning	International Conference on Advanced Materials interdisciplinary technology (ICAMIT 23)	International	2023	2249-2623	Rising Research Publication	Mech



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17	J. Veerendeswari R. Vinoth Kumar V.Riyasen A.Shivaranjini A.M. VishwaPriya	Employee Attrition Using Machine Learning	Proceedings of National Conference on Information Security and Applications	National	2023			IT
18	M. Indumathy R. Vinoth Kumar V.Anushaharini V.Chandiralekha C.Sorna	Heart Disease Identification using Machine Learning with Prediction Algorithm	Proceedings of National Conference on Information Security and Applications	National	2023			IT
19	R. Vinoth Kumar P.Dhanalakshmi D.Durgadevi S.Jayasree	Phising Websites Detection Using Machine Learning Techniques and RNN	Proceedings of National Conference on Information Security and Applications	National	2023			IT
20	D. Maladhy R. Vinoth Kumar K.Priyadharshini M.Sarthika T.Svedha	Road Accident Prediction using Decision Tree(DT) Machine Learning Algorithm Techniques	Proceedings of National Conference on Information Security and Applications	National	2023			IT



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21	R. Vinoth Kumar M. Indumathy S.Humruth K.Thamizharasan	Scrum Handler	Proceedings of National Conference on Information Security and Applications	National	2023			IT
22	J. Veerendeswari R. Vinoth Kumar M.Ravindran A.Mohammed Halith M.Siddhanandam	The Three Level Security based IOT Automation	Proceedings of National Conference on Information Security and Applications	National	2023			IT
23	R.Pavithra V.Subha	The Virtual Quick Responsive Scanning for Smart Shopping Cart	Proceedings of National Conference on Information Security and Applications	National	2023			IT
24	V. Vishwa V.Manikandan T.Ilavazhuthi	Productivity Improvement by Digital Experiences	Proceedings of National Conference on Information Security and Applications	National	2023			IT



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25	N.Pradeep Ramakrishnan, C.Jayaraj,G.Elango	Real Time Flood Monitoring And Prediction Of Water Accumulation Based On Deep Learning	International Conference on Advanced Materials interdisciplinary technology (ICAMIT 23)	International	2023	2249-2623	Rising Research Publication	Mech
26	N.Pradeep Ramakrishnan,C.Jayaraj,K.Prem	Monitoring And Controlling Of Motorsport Rider Safety System Using Embedded System	International conference on Trends in Environmental science and Engineering (ICTESE 22)	International	2022	2249-2623	Rising Research Publication	Mech
27	S.Aravindkumaran	Portable vital data transfer system using IOT	Point of care Technology: The next Frontier in personalized medicine and health PROCEEDING	National	2022			BME



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28	R.Pandian, B.Pavanan, M.Thanushraj	FABRICATION OF MODIFIED SOLAR STILL FOR WATER PURIFICATION	A Special Issue of international conference on trends in Environmental Science and Enginerring(ICT ESE 22)	International	2022	2249 - 2623	Rising Research Publication	Mech
29	N.Pradeep Ramakrishnan,C.Jayaraj,K.Pr em	MONITORING AND CONTROLLING OF MOTORSPORT RIDER SAFETY SYSTEM USING EMBEDDED SYSTEM	A Special Issue of international conference on trends in Environmental Science and Enginerring(ICT ESE 22)	International	2022	2249-2623	Rising Research Publication	IT
30	Dr.K.Ayyappan	Design and Analysis of Koch Fractal antenna for WLAN Applications	ICTACT Journal on Microelectronics	International	2021		ICTACT Journal on Micro electronics	ECE



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31	Dr Shakila Azim, Dr.I.D. Soubache, Annapooma, S.V.G.V.A Prasath. Capt. K. Sujatha, Raushan Kumar Singh	Dr B	Portable Stress Measurement and Analysis System (PSMAS): The Correlation of body and mind analysis using GSR sensor	Emerging Electronics and Automation	International	2021		Springer	EEE
32	N.Pradeep Ramakrishnan, C.Jayaraj, M.Yogeshwari		Adaptive Control Of Feed Water In A Modified Solar Still For Water Purification	International Conference on Research needs in society (ICRNS 2021)	International	2021	2249-2623	Rising Research Publication	Mech
33	S.Narayanan, K.Rajkiran, G.Gururaj		Pick And Place Robotic Arm Controlled By Arduino Uno Microcontroller	International Conference on Research needs in society (ICRNS 2021)	International	2021	2249-3468	Rising Research Publication	Mech



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34	K.Ayyappasamy G.Nagarajan Dr.P.Elavarasan	Decision Feedback Equalizers and Alamouti Coded DFT Spread for Low PAPR FBMC-OQAM System	2020 International conference on Emerging Trends in Information Technology and Engineering(ic-ETITE)	International	2020		2020 International conference on Emerging Trends in Information Technology and Engineering(ic-ETITE)	ECE
35	Terrance Frederick Fernandez M. Pradeep	Multi-level Predictive with Training Framework(MP with TF) for ranking machine learning algorithms	I-SMAC	International	2020	9781-7281	IEEE	IT
36	D Balaji, S. Johnpaul, R Goutham Govind Raju	Performance analysis of 8/6 Switched Reluctance Generator for Wind Energy System	International Conference on System, Computation, Automation and Networking (ICSCAN) 2020	International	2020			EEE



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37	N.Pradeep Ramakrishnan, C.Jayaraj, R.Kaviya	Recognizing Text- Based Traffic Signs Detection And Categorization	International conference on Novel Approach of Bio Technology and Bio Engineering in health care system (ICNABBHS 2020)	International	2020	2249-3468	Rising Research Publication	Mech
38	S.Narayanan, K.Rajkiran, V.Balamurali,	Fabrication Of Emission Free Bike By Using Solar Power	International conference on Novel Approach of Bio Technology and Bio Engineering in health care system (ICNABBHS 2020)	International	2020	2249 – 2623	Rising Research Publication	Mech
39	Dr.K.Ayyappan, Mrs.A.SurekaSelas	Design of Rectangular MPA With band Without Split Ring Resonators for WLAN Application	International Conference on Computer Communication and Informatics (ICCCI-2020)	International	2020		International Conference on Computer Communication and Informatics (ICCCI-2020)	ECE



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40	Radhiga.R	Piezoelectric Sensor Based Self-Powered Health Monitoring System	International Future Communication and Internet of Things	International	2020			BME
41	D Balaji, Goutham Govind Raju, S. Johnpaul	R Z-Source Multilevel Inverter based AFLC PV System	International Conference on System, Computation, Automation and Networking	International	2019			EEE
42	R.Pandiyan, B.Pavanan, S .Vikneshwaran	Deaf or Hearing Impaired People Using Mixed Reality System	International conference on Applied Sciences, Engineering and Management (ICASEM 2019)	International	2019	2231-5179	Rising Research Publication	Mech
43	K.Gowrishankar	Development of Alternative Communication Device for Paralysis& Dumb People Using Breath Pattern	International Future Communication and Internet of Things	International	2019			BME



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44	K.Gowrishankar	Chest Radiographic Diagnosis of Pulmonary Tuberculosis Using Image Processing Technique in Android Application	International Future Communication and Internet of Things	International	2019			BME
45	N.Pradeep Ramakrishnan, C.Jayaraj, Manibharati	Buck-Boost Converter For Photovoltaic And Energy Storage Systems In A Smart Grid	International conference on Applied sciences Engineering and Management ICASEN 2019	International	2019	2249-2623	Rising Research Publication	Mech
46	R Goutham Govind Raju	Fuzzy logic controller based MPPT for PV system in Electrical drive	Int. Conf on Advanced concepts in Computational Engg & Science	International	2019			EEE



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47	K.Gowrishankar	Various Wave Energy Conversion Methods and its Drawbacks- An Overview	Current Trends towards Converging Technologies (ICCTCT), 2018 International Conference	International	2018		IEEE International Conference	BME
48	K.Gowrishankar	An Overview of Wireless based Tremor Monitoring System	Current Trends towards Converging Technologies (ICCTCT), 2018 International Conference	International	2018		IEEE International Conference	BME
49	Dr.K.Ayyappan	Rectangular Microstrip Patch Antenna Design for 2.1 GHz and 2.3 GHz-4G Applications	IEEE International Conference on Current Trends toward Converging Technologies, Coimbatore	International	2018		IEEE International Conference on Current Trends toward Converging Technologies, Coimbatore	ECE
50	Dr.K.Ayyappan Mr.A.Kannan Mr.T.Kaviarasan E.Aravindraj	Dual Band H-Shaped Microchip Patch Antenna for WLAN and WiMax Applications	International Conference "INTELINC 2018 "(online)	International	2018		International Conference "INTELINC 2018 "(online)	ECE



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51	I. Sundari, Alamelu Nachiappan	Dr.	Design of Optimal Linear Quadratic Regulator for the Stabilization of Continuous Stirred Tank Reactor (CSTR) Process	International Conference on Power Electronics & Renewable Energy Systems	International	2018		EEE
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