

# *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
1	Karthikeyan S.; Mohan B.; Kathiresan S.; Anbuechhiyan G.	A study on in-vitro behaviour of stainless steel 316L subjected to rotational magnetorheological abrasive flow finishing process, Volume 10, Issue 3.	2022
2	Kavitha R.J.; Thiagarajan C.; Priya P.I.; Anand A.V.; Al-Ammar E.A.; Santhamoorthy M.; Chandramohan P.	Improved Harris Hawks Optimization with Hybrid Deep Learning Based Heating and Cooling Load Prediction on residential buildings, Volume 309.	2022
3	Brearley B.J.; Bose K.R.; Senthil K.; Ayyappan G.	KNN APPROACHES BY USING BALL TREE SEARCHING ALGORITHM WITH MINKOWSKI DISTANCE FUNCTION ON SMART GRID DATA, Volume 13, Issue 4.	2022
4	Amuthadevi C.; Vijayan D.S.; Ramachandran V.	RETRACTED ARTICLE: Development of air quality monitoring (AQM) models using different machine learning approaches, Volume 13.	2022
5	Ayyappan G.; Venkatesh Babu R.; Alice K.; Kumaravel A.	Knowledge on Visual representation of binary classification: Apple Vs Avocado, Volume 13, Issue 6.	2022
6	Sangeetha T.; Kumutha D.; Bharathi M.D.; Surendran R.	Smart mattress integrated with pressure sensor and IoT functions for sleep apnea detection, Volume 24.	2022
7	Kathiresan S.; Sathi G.; Narendhiran B.; Selvakumar M.; Surulivelrajan T.	Computational simulation of titanium alloy grade-4 subjected to severe plastic deformation with the aid of finite elements, Volume 2393.	2022
8	Janakiraman V.; Vijayaraghavan P.; Banu T.V.; Vijayaraj T.; Ramalingam G.	Flow separation control in leading edge of aerofoil using plasma actuators, Volume 2393.	2022
9	Shanmuganathan M.; Sandeep Kumar S.; Hosanna Princye P.; Aravind A.R.; Chhabria S.; Jyothirmayee C.A.	Improving the cooling performance of the straight finned heat sink (SHS) for computer processor using an inorganic PCM, Volume 69.	2022
10	Vijayaraj T.; Ramalingam G.; Janakiraman V.; Vijayaraghavan P.; Banu T.V.	Optimisation of machining parameters for colmonoy hard faced on stainless steel in wire cut EDM, Volume 2393.	2022

# *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
11	Hemalatha B.; Karthik B.; Balaji S.; Senthilkumar K.K.; Ghosh A.	CNN Based Image Forgery Segmentation and Classification for Forensic Verification, Volume 894 LNEE.	2022
12	Pauline T.; Janardhanan G.; Sangeetha P.; Ashok V.	Retrofitting of Exterior Beam-Column Joint—A Review, Volume 179.	2022
13	Hemalatha B.; Karthik B.; Balaji S.; Vijayalakshmi G.; Shaw R.N.	A Novel Approach for Blind - Image to Audio Conversion in Regional Language, Volume 894 LNEE.	2022
14	Srikanth V.; Vanitha M.; Maragatharajan M.; Marappan P.; Sathiya Priya S.; Jegajothi B.	Metaheuristic Optimization Enabled Unequal Clustering with Routing Technique	2022
15	Reena R.; Kapilavani K.; Balakumar P.; Senthilkumar S.R.; Sureshbabu G.N.K.	Detection of potholes using IoT and citizen feedback on maintenance of road, Volume 2393.	2022
16	Gayathri J.; Senthilkumar K.K.; Vijayalakshmi G.; Aravind A.R.; Kalanandhini G.	Multi-purpose unmanned aerial vehicle for temperature sensing and carbon monoxide gas detection with live aerial video feeding, Volume 2393.	2022
17	Slacer P.P.; Priyadharshini R.I.; Benila A.; Rajam P.P.; Jacob J.J.	A contemporaneous input vector monitoring Bist architecture using memory, Volume 2393.	2022
18	Packiaslacer P.; Rajam P.P.; Theresa M.; Jacob J.J.; Benila A.	Iot based automation in the Manhole system, Volume 2393.	2022
19	Thamba Meshach W.; Hemajothi S.; E A M.A.	Smart Affect Recognition System for Real-Time Biometric Surveillance Using Hybrid Features and Multilayered Binary Structured Support Vector Machine, Volume 65, Issue 4.	2022
20	Kalanandhini G.; Aravind A.R.; Vijayalakshmi G.; Gayathri J.; Senthilkumar K.K.	Bluetooth technology on IoT using the architecture of Piconet and Scatternet, Volume 2393.	2022

## *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
21	Ayyappan G.; Veeralakshmi P.; Reena R.; Senthilkumar S.R.; Sureshababu N.G.K.	Knowledge discovery in heart disease dataset, Volume 2393.	2022
22	Nivedha C.S.; Rathika S.	Stress on supply chain in manufacturing industry, Volume 2393.	2022
23	Vijayalakshmi G.; Gayathri J.; Senthilkumar K.K.; Kalanandhini G.; Aravind A.R.	A smart rail track inspection system, Volume 2393.	2022
24	Natraj N.A.; Kamatchi Sundari V.; Ananthi K.; Rathika S.; Indira G.; Rathish C.R.	Security Enhancement of Fog Nodes in IoT Networks Using the IBF Scheme, Volume 514 LNNS.	2022
25	Kannan K.N.; Anbu S.; Veeralakshmi P.; Sowmya S.; Reena R.	Garden nurture using internet of things (IoT), Volume 2393.	2022
26	Priyadarshini R.I.; Slacer P.P.; Benila A.; Theresa M.M.; Rajam P.P.	Detection of bridging fault using reduced ordered binary decision diagram, Volume 2393.	2022
27	Selvakumar M.; Surulivelrajan T.; Kathiresan S.; Sathi G.; Narendhiran B.	Experimental investigation on friction stir processing of AA6082, Volume 2393.	2022
28	Priyadarshini G.K.; Murali M.J.; Harish R.; Chandrakala P.; Indira G.	For single machine infinite bus, an adaptive regulator based on minimal control synthesis management theme algorithm, Volume 2393.	2022
29	Theresa M.M.; Rajam P.P.; Benila A.; Priyadarshini R.I.; Jacob J.J.	An intelligent bike safety and surveillance system, Volume 2393.	2022
30	Surulivelrajan T.; Kathiresan S.; Sathi G.; Narendhiran B.; Selvakumar M.	Experimental and numerical analysis of cooling tower efficiency using forced draft, Volume 2393.	2022

## *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
31	Kalpna R.; Umamaheswari B.; Shanthakumari A.; Sirija M.; Jayashankari	Retrieval of information from remote mobile phone using messages, Volume 2393.	2022
32	Meena S.; Mercy Theresa M.; Jesudoss A.; Nivethitha Devi M.	A New Hybrid Approach of NaFA and PSO for a Spherical Interacting System, Volume 116.	2022
33	Rathika S.; Nivedha C.S.	Impact of Covid - 19 on student's education due to parents' unemployment, Volume 2393.	2022
34	Anbu S.; Veeralakshmi P.; Sowmiya S.; Kapilavani R.K.; Kannan K.N.	Searching resources in peer-to-peer network using friend and path result - Sharing searching concepts, Volume 2393.	2022
35	Sumathi R.; Sujatha R.; Sundareswaran R.	Best fuzzy graph with application in fuzzy social network, Volume 2393.	2022
36	Senthilkumar S.R.; Sureshbabu G.N.K.; Reena R.; Kannan K.N.; Balakumar P.	Intelligent therapy aided by advanced computational technology, Volume 2393.	2022
37	Murali M.J.; Harish R.; Valarmathy A.S.; Indira G.; Hemalatha S.	ANFIS based MPPT for grid PV generation system using QZSI, Volume 2393.	2022
38	Surulivel Rajan T.; N.B G.; Rajkumar S.	Parametric analysis of thermal behavior of the building with phase change materials for passive cooling, Volume 44, Issue 3.	2022
39	Valarmathy A.S.; Chandrakala P.; Hemalatha S.; Kalapriyadarshini G.; Murali M.J.	Sepic with magnetic coupling for high voltage applications, Volume 2393.	2022
40	Preetha M.; Anil Kumar N.; Elavarasi K.; Vignesh T.; Nagaraju V.	A Hybrid Clustering Approach Based Q-Leach in TDMA to Optimize QOS-Parameters, Volume 123, Issue 2.	2022

## *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
41	Hemalatha S.; Kalapriyadharshni G.; Murali M.J.; Harish R.; Valarmathy A.S.	A comparative performance analysis and luminous characteristics of different commercial LED lighting systems, Volume 2393.	2022
42	Mythili V.; Jana D.L.F.; Jayasudha S.; Vennila C.; Rajarajeswari S.	Some properties of line graphs, Volume 2393.	2022
43	Dhanasekar J.; Sharan A.P.; Natarajan M.A.; Nizamudeen A.; Krishnan A.H.M.; Kumar S.R.S.	Design and Implementation of a Defect Identification Using Image Processing Technique, Volume 894 LNEE.	2022
44	Aravind A.R.; Senthilkumar K.K.; Vijayalakshmi G.; Gayathri J.; Kalanandhini G.	Study on modified booth recoder with fused add-multiply operator, Volume 2393.	2022
45	Narendhiran B.; Selvakumar M.; Surulivelrajan T.; Kathiresan S.; Sathi G.	Performance enhancement in SI engine by air-fuel mixture recirculating system, Volume 2393.	2022
46	Indira G.; Valarmathy A.S.; Chandrakala P.; Hemalatha S.; Kalapriyadarshini G.	Development of an efficient inverter for self powered sand sieving machine, Volume 2393.	2022
47	Sangeetha M.; Vijayan T.; Unnikrishnan N.A.; Kalanandhini G.; Shaw R.N.	Genetic Fuzzy Based VANET Routing Algorithm for Better Efficiency, Volume 894 LNEE.	2022
48	Ashok V.; Geetha N.B.; Rajkumar S.; Pauline T.	Experimental Investigations for Thermal Energy Management by Encapsulation of Nano -Enhanced Bio Phase Change Material in buildings, Volume 44, Issue 2.	2022
49	Kumar P.S.; Fathima K.; Karthik B.; Kumar S.S.; Sowmya B.; Ghosh A.	Studies on Steganography Images and Videos Using Deep Learning Techniques, Volume 894 LNEE.	2022
50	Pauline T.; Sangeetha P.; Janardhanan G.; Ashok V.	Experimental & analytical behaviour and performance of structural joints retrofitted with woven wire mesh concreting under reversed cyclic loading, Volume 26, Issue 16.	2022

# *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
51	Sirija M.; Jayashankari; Kalpana R.; Umamaheswari B.; Shanthakumari A.	Characteristic based spam detection system to reveal the mock appraise in online social media, Volume 2393.	2022
52	Harish R.; Indira G.; Kalapriyadarshini G.; Valarmathy A.S.; Chandrakala P.	Analysis and implementation of DC power and appliances in conjunction with solar for large independent units, Volume 2393.	2022
53	Dhaya R.; Ujwal U.J.; Sharma T.; Singh P.; Kanthavel R.; Selvan S.; Krah D.	Energy-Efficient Resource Allocation and Migration in Private Cloud Data Centre, Volume 2393.	2022
54	Senthilkumar K.K.; Kalanandhini G.; Aravind A.R.; Vijayalakshmi G.; Gayathri J.	Image fusion based on DTDWT to improve segmentation accuracy in tumour detection, Volume 2393.	2022
55	Chandra Mohan M.; Bright Selva Kumaran A.; Rohith V.S.; Sanjay C.; Prathap Reddy K.; Jayashankari J.	Design and Implementation of a Self-charging System to Improve the Operating Range in Quad-Motor EV, Volume 894 LNEE.	2022
56	Sathi G.; Narendhiran B.; Selvakumar M.; Surulivelrajan T.; Kathiresan S.	Optimized muffler design for less pollution engines, Volume 2393.	2022
57	Priya V.; Raj V.J.A.; Chethanasai K.V.; Kumar J.P.M.; Manikandan V.; Senthilkumar K.K.	Design and Simulation of a Robotic Manipulator for Ladle with PLC, Volume 894 LNEE.	2022
58	Benila A.; Priyadarshini R.I.; Slacer P.P.; Jacob J.J.; Theresa M.M.	Plan and development of efficient branch predictor for in-order RISC-V processor, Volume 2393.	2022
59	Rajesh G.; Raajini X.M.; Kritika N.; Kavinkumar A.; Sagayam K.M.; Som M.M.; Wahab M.H.A.	Achieving Longevity in Wireless Body Area Network by Efficient Transmission Power Control for IoMT Applications, Volume 14, Issue 3.	2022
60	Chandrakala P.; Hemalatha S.; Indira G.G.; Murali M.J.; Harish P.	Energy harvesting using automobile chargers with wireless power transfer, Volume 2393.	2022

# *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
61	Ramalingam G.; Janakiraman V.; Vijayaraghavan P.; Banu T.V.; Vijayaraj T.	Performance and emission comparison of Jamun ethyl ester and pyrolytic oil using in a CI engine, Volume 2393.	2022
62	Veeralakshmi P.; Sowmya S.; Kannan K.N.; Anbu S.; Ayyappan G.	An efficient and smart IoT based pisciculture for developing countries, Volume 2393.	2022
63	Banu T.V.; Vijayaraj T.; Ramalingam G.; Janakiraman V.; Vijayaraghavan P.	Analysis of flow through a diesel particulate filter with circular monolith using CFD, Volume 2393.	2022
64	Dhanasekar J.; Sathish Kumar B.; Akash S.; Balamurugan P.; Vasanth G.; Umamaheswari B.	Design and Implementation of a Weed Removal Agriculture Robot, Volume 894 LNEE.	2022
65	Shanthakumari A.; Kalpana R.; Jayashankari J.; Umamaheswari B.; Sirija M.	Mask RCNN and Tesseract OCR for vehicle plate character recognition, Volume 2393.	2022
66	Maheswari B.U.; Shanthakumari A.; Sirija M.; Jayashankari J.; Kalpana R.	Detecting identity based spoofing attacks in wireless network using IDs, Volume 2393.	2022
67	Vani R.K.K.; Sowmya B.; Kumar S.R.S.; Babu G.N.K.S.; Reena R.	An adaptive fuzzy neuro inference system for classification of ECG Cardiac Arrhythmias, Volume 2393.	2022
68	Kavitha K.V.N.; Ashok S.; Imoize A.L.; Ojo S.; Selvan K.S.; Ahanger T.A.; Alhassan M.	On the Use of Wavelet Domain and Machine Learning for the Analysis of Epileptic Seizure Detection from EEG Signals	2022
69	Babu G.N.K.S.; Anbu S.; Kapilavani R.K.; Balakumar P.; Senthilkumar S.R.	Development of cyber security and privacy by precision decentralized actionable threat and risk management for mobile communication using Internet of Things (IOT), Volume 2393.	2022
70	Vijayaraghavan P.; Surulivelrajan T.; Arunkumar D.; Logesh K.; Janakiraman V.; Karthiyesan S.; Rajiv Gandhi N.	Role of carbon fillers on the tribological behavior of epoxy components, Volume 69.	2022

# *Prince Shri Venkateshwara Padmavathy Engineering College*

S.No	Author	Title	Year
71	Jesudoss A.; Mercy T.M.; Christy A.; Maheswari M.; Selvi M.; Ulagamuthalvi V.	Analysis and implementation of SQL injection attack and countermeasures using SQL injection prevention techniques, Volume 13, Issue 4.	2022
72	Vijayaraghavan P.; Janakiraman V.; Surulivel rajan T.; Logesh K.; Rajiv Gandhi N.; Gnanavel C.; Sathi G.	Analysis of titanium coated silencer exhaust gas emission in automobile vehicle using artificial neural network, Volume 69.	2022
73	Jayashankari J.; Kalpana R.; Umamaheshwari B.; Shanthakumari A.; Sirija M.	Data extraction in network through Rendezvous Point network, Volume 2393.	2022
74	Kalam G.K.; Joshi S.; Maheshwari M.; Selvan K.S.; Jamal S.S.; Vairaprakash S.; Alhassan M.	Augmented Reality-Centered Position Navigation for Wearable Devices with Machine Learning Techniques	2022
75	Sowmya S.; Kannan K.N.; Anbu S.; Veeralakshmi P.; Kapilavani R.K.	Preventing collaborative attacks against on demand routing using recommendation based trust framework in MANET, Volume 2393.	2022
76	Vasanthradevi R.; Priyadharshini R.; Jai Rajesh P.; Reena R.; Kalpana R.	Recommendation System Based on EEG Emotion Recognition, Volume 893 LNEE.	2022
77	Rajam P.P.; Theresa M.M.; Slacer P.P.; Priyadharshini R.I.; Jacob J.J.	Effective roadside tests using test cube seed generation, Volume 2393.	2022
78	Vijayaraghavan P.; Vinithrabanu T.; Raj T.V.; Ramalinga G.; Janakiraman V.	Experimental and theoretical determination of compressive strength of light gauge steel stub column, Volume 2393.	2022
79	M L B.; Sripriya T.; Muthuraj B.; Kumar D.S.; Venkatesh V.; Sridevi B.S.; Krishna M.M.S.; Rajan K.; Diriba A.	Deep Learning-Based Smart Hybrid Solar Water Heater Erection Model to Extract Maximum Energy	2022
80	Arivazhagan N.; Venkatesh J.; Somasundaram K.; Vijayalakshmi K.; Priya S.S.; Suresh Thangakrishnan M.; Senthamilselvan K.; Lakshmi Dhevi B.; Vijendra Babu D.; Chandragandhi S.; Ashine Chamato F.	An Improved Machine Learning Model for Diagnostic Cancer Recognition Using Artificial Intelligence	2022