

Sri Krishna College of Engineering and Technology , Coimbatore

DEPARTMENT OF MECHATRONICS ENGINEERING

Faculty Publication Details for the Academic year 2019-2020

S. No	Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication
1	T.Vignesh	Design and Fabrication of 6-axis Gesture Controlled Robot	5th International Conference on Advanced Computing & Communication Systems (ICACCS)	Jun-19
2	T.Vignesh	Design and fabrication of home automation	IOP Conference Series: Materials Science and Engineering	Jun-19
3	Panneerselvam S., Thangavel P., Kannaki S.	Performance Analysis of Vapour Compression Refrigeration System with Mechanical Subcooling	International Journal of Innovative Technology and Exploring Engineering	Jun-19
4	T.Vignesh	Development of Low-Cost Robotic Arm for Welding	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Jun-19
5	S.Nithyapriya	Automated Pneumatic Bearing press	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	July 2019
6	K.Ananthi	Semiautomatic Hosiery Printing Machine	International Journal of Recent Technology and Engineering	Jul-19
7	M.Bhuvaneshwari	Automatic Fish Cutting and Cleaning Machine using Digital Image Processing	International Journal of Recent Technology and Engineering	Jul-19

8	Dr.T.A.Selvan	Design and fabrication of Automatic Powder coating system	International Journal of Engineering and Advanced Technology (IJEAT)	Jun-19
9	Priyadharshini R., Ananthi K., Sivashankaran	Hover Surf Drone	International Journal of Recent Technology and Engineering	Jul-19
10	Dr.T.A.Selvan	Design and Fabrication of Automatic Spring Type Chip Conveyor	International Journal of Recent Technology and Engineering	Jul-19
11	S.Madhankumar	Investigations on austenitic nickel-chromium based super alloys - Inconel 625 and Inconel 718 from material removal rate in micro electrochemical machining	AIP Conference Proceedings	Jul-19
12	S.Nithyapriya	Automated Pneumatic Bearing press	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Jul-19
13	R.Emmanuel Gospel Raj	Design And Fabrication Of Copra Sweeping robot	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Aug-19
14	T.Manikandan	A Singular Value Decomposition based Low-Computational Zero-Watermark Algorithm for Digital Right Management	International Journal of Engineering and Advanced Technology	Aug-19
15	S.Madhankumar	Mathematical Analysis and Mechanical Modeling of an Inoculation System on Feeder Control for Pouring Unit in a Foundry Station	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Aug-19
16	S.Panneerselvam	Design and Fabrication of Automatic Onion Planting Machine	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Aug-19

17	R.Vishnuvardhan	Data set on optimization of ethyl ester production from sapota seed oil	Data in brief	Aug-19
18	R.Vishnuvardhan	Implementing Rotation Forest for Wind Turbine Blade Fault Diagnosis	International Journal of Recent Technology and Engineering	Sep-19
19	R.Vishnuvardhan	Fault Diagnosis of Wind Turbine Blades Using Histogram Features through Nested Dichotomy Classifiers	International Journal of Recent Technology and Engineering	Sep-19
20	R.Vishnuvardhan	Logistic Model Tree Classifier for Condition Monitoring of Wind Turbine Blades	International Journal of Recent Technology and Engineering	Sep-19
21	R.Vishnuvardhan	Implementation of Rule based Classifiers for Wind Turbine Blade Fault Diagnosis using Vibration Signals	International Journal of Recent Technology and Engineering	Sep-19
22	R.Vishnuvardhan	Research on Hyper pipes and Voting Feature Intervals Classifier for Condition Monitoring of Wind Turbine Blades Using Vibration Signals	International Journal of Recent Technology and Engineering	Sep-19
23	S.Kannaki	Development of Advanced Automatic Sorting Machine using Weighing Mechanism	International Journal of Recent Technology and Engineering	Sep-19
24	R.Vishnuvardhan	Experimental Investigation on Mechanical Properties and Vibration Damping Frequency Factor of Kenaf Fiber Reinforced Epoxy Composite	SAE International	Oct-19
25	R.Vishnuvardhan	Automatic detection of flying bird species using computer vision techniques	Journal of Physics: Conference Series	Novemeber 2019
26	K.Ananthi	Automatic Grass Profile Cutter	Test Engineering and Management	Januray 2020

27	P.M.Arunkumar	Modelling of Pneumatic Exoskeleton Arm for Heavy Load Lifting	Test Engineering and Management	Januray 2020
28	S.Nithyapriya	Smart Trash Bin	Test Engineering and Management	Jan-20
29	J.Indirapriyadharshini	Design and Fabrication of Automated Inspection System for Bearing Cap	International Journal of Advanced Science and Technology	Feb 2020
30	J.Indirapriyadharshini	Computerized Control of Cement Roof Manufacturing Process Using PLC and SCADA	International Journal of Advanced Science and Technology	Feb 2020
31	S.Panneerselvam	Design and Fabrication of Semi - Automated Thrust Bearing Assembling Equipment	International Journal of Advanced Science and Technology	Feb 2020
32	M.Bhuvaneswari	IOT based environmental weather monitoring and farm information tracking system.	Journal of Critical Reviews	Mar-20
33	S.Kannaki	Design and Modeling of Automatic Cow Dung Log making Machine	International Journal of Recent Technology and Engineering	Mar-20
34	S.Madhankumar	Design and Modelling of L-type Bi-directional Roller Conveyers for Glass Hauling	Lecture Notes in Electrical Engineering	Mar-20
35	Deepak N V	Mathematical Modelling and Simulation of Six Axis Robot for Industrial Application	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	February 2020
36	S.Nithya Priya	Automated Plough Assistance in Tractor	International Journal of Advanced Science and Technology	May-20

37	J.Indirapriyadharshini	A Novel and Effective Method for Automatic Paper Trimming and Cutting process inPaper Industries	International Journal of Advanced Science and technology	May-20
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