

**M.KUMARASAMY COLLEGE OF ENGINEERING (AUTONOMOUS), KARUR
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
FACULTY JOURNAL PUBLICATION DETAILS (2017-2018)**

S.NO	NAME OF THE AUTHOR	NAME OF THE Co-AUTHORS	TITLE OF THE PAPER	NAME OF THE JOURNAL	ISSN NO.	VOL . NO	ISSUE NO	PAGE No	MONTH & YEAR OF PUBLICATION	JOURNAL under SCOPUS / SCI/ Web of science/ICI
1	Jayapriya Maruthai	Arulmozhi Muthukumarasamy, Balraj Baskaran	Optical, biological and catalytic properties of ZnO/MgO nanocomposites derived via Musa paradisiaca bract extract	Ceramics International	0272-8842	44	11	13152 - 13160	Aug-18	SCI
2	E.Gomathi	B.Balraj, K.Kumaraguru	Electrochemical degradation of scarlet red dye from aqueous environment by titanium based dimensionally stable anodes	Applied Biological Chemistry	2468-0842(Online) 2468-0834 (Print)	61	3	289 to 293	Mar-18	SCI

			with SS electrodes							
3	S.Kiruthika	B.Balraj	Design of 4*4 wallace tree multiplier based on 0.12Mm CMOS technology using GDI full adder	International Journal of Pure and Applied Mathematics	3293-3300	118	15	3293 to 3300	Jun-18	Scopus
4	P.Sakthi	S.Kiruthika	Design of Vedic Multipliers using Compressors for Medical Image Compression Applications	International Journal of Pure and Applied Mathematics	3293-3301	118	15	3315 to 3320	Jun-18	Scopus
5	S.Kiruthika	P.Sakthi	Automized Molasses feed Control using Programmable Logic Controller	International Journal of Pure and Applied Mathematics	3293-3302	118	15	197 to 199	Feb-18	Scopus
6	R.Gowthami	P.Gokulraj	Automatic material distribution system in ration shop	International Journal of Pure and Applied Mathematics	3293-3303	118	15	3285 to 3292	Jun-18	Scopus
7	V.Prabhu	H.Karthikeyan	Solar Based Electronic Voting System	International Journal of Pure and	3293-3304	118	15	3301 to 3308	Jun-18	Scopus

			Linked with Aadhar using RFID for Safe and Secure Voting	Applied Mathematics						
8	T.S.Srinivasan	J.Uma, V.Prabhu	Signal Integrity Analysis in PCB for High Speed Digital Circuit Design	International Journal of Pure and Applied Mathematics	3293-3305	118	15	3321 to 3328	Jun-18	Scopus
9	J.Uma	S.Ajithkumar	Design and analysis of Milk pasteurization by using PLC	International Journal of Pure and Applied Mathematics	3293-3306	118	15	3329 to 3337	Jun-18	Scopus
10	B.Balraj	M.Arulmozhi	Biological fabrication of silver nanomaterials and their applications in pharmaceutical fields	International journal of Computational Materials Science and Surface Engineering	79	7	2	79 to 88	May-18	Scopus
11	B.Balraj	V.Subbu Chidambaram	Detection for Power Theft prior to feeding energy Meter and Intimating to Control Room	International Journal of Pure and Applied Mathematics	3293-3306	118	20	2055 to 2062	Apr-18	Scopus

12	S.Monisa	A.Hemalatha	Automatic Monitoring of Multiple Air Pollutants Emitted from paper Industries	International Journal of Pure and Applied Mathematics	3293-3307	118	20	2353 to 2357	Apr-18	Scopus
13	S.Monisa	S.Vijayachitra	Graphical User Interface Based Fault Diagnosis in Shell and Tube Heat Exchanger	International Journal of Pure and Applied Mathematics	3293-3308	118	18	2531 to 2535	Feb-18	Scopus
14	S.Amuthameena	B.Balraj	Implementation and Study of Conventional Surface Sliding Mode Controller for an Interacting Level System	International Journal of Pure and Applied Mathematics	3293-3309	118	8	445 to 449	Feb-18	Scopus
15	P.Sakthi	P.Yuvarani	Detection and Removal of Weed between Crops in Agricultural Field using Image Processing	International Journal of Pure and Applied Mathematics	3293-3310	118	8	201 to 205	Feb-18	Scopus

16	P.Yuvarani	P.Sakthi	Optimization Techniques for Lung Cancer Analysis A Survey	International Journal of Pure and Applied Mathematics	3293-3311	118	8	207to 212	Feb-18	Scopus
17	V.Prabhu	T.S.Srinivasa n	Modelling of Adaptive Speed Control and Auto Calibration of Sensor in Automotive System	International Journal of Pure and Applied Mathematics	3293-3312	118	8	451 to 456	Feb-18	Scopus
18	V.Saravanan	R.Bharani Kumar	Controller Tuning and Performance Analysis for Non Linear Industrial Process	International Journal of Control Theory and Applications	0974-5572	10	29	187 to 193	Feb-18	ICI