

**National Conference on New Frontiers of Engineering, Sciences,
Management and Humanities
ISBN: 978-93-87793-49-1**

**REVA University
Rukmini Knowledge Park, Yelahanka, Bangalore
Organized by :
School of Electronics and Communication Engineering**

Date: 12th-13th October 2018

INDEX

S. No.	Paper ID	Paper Title	Author	Page No.	Full Paper
1	1003	An Integral Mean Estimate for the Polar Derivative of a Polynomial whose zeros are within a circle	Idrees Qasim, A. Liman	01-06	View
2	1006	Impacts of siltation in dams and reservoirs	Sachin Changotra, Seema Bharti	07-10	View
3	1007	A COMPARATIVE ANALYSIS OF SHARE PRICE VOLATILITY AND IDENTIFYING THE MARKET RISK OF TOP FIVE PHARMACEUTICAL INDUSTRIES – AN INVESTOR'S PERSPECTIVE	Dr. D Senthil Kumar	11-18	View
4	1008	CALCULATION OF NATURAL FREQUENCIES OF MDOF SYSTEM	A. Sivaji , G. Naveen Kumar	19-26	View
5	1009	Design and fabrication of lithium ion battery pack pedal assistance electric bike	Karunesh G, Vignesh B, Molaka Ravindra Kumar	27-34	View
6	1011	EMISSION CONTROL AND FUEL EFFICIENT BY USING ARDUINO BASED SELF-REGULATING BIOMASS STOVE	Murulidhar K S, Sabari Vignesh S , Tejaraj M, Manikanta M R, Sushanth	35-48	View
7	1013	HYSTERETIC CONTROLLED DUAL ACTIVE BRIDGE TYPE DC TO AC CONVERTER SYSTEM WITH IMPROVED RESPONSE	R.Sowmya, S.Rama Reddy	49-56	View

8	1015	Security in MANET using SHA-512 and Blowfish Algorithm	Prof. Purna Rawat, Prof. Pranali Deshmukh	57-59	View
9	1016	Automation of Home Appliances for SWITCH Application by Scheduling	Rudranath Karmakar, Nitya S	60-62	View
10	1017	Automated Soil Moisture Detection and Protective Sensing based Smart Irrigation System using IoT (SMPSInSYS)	Rudranath Karmakar, Rajashekhar C. Biradar	63-68	View
11	1018	STUDY ON DESALINATION AND CRONTROLLING OF HEAVY METAL ION POLLUTION USING GRAPHENE OXIDE	Murulidhar K S , Pranav J Athrey , Pramod R , Prajwal Krishna	69-77	View
12	1019	Audio Data Transmission Using LI-FI	Neha Deka, Neha Rani, Nisha K, Shree Jyothi Prof. Praveen Vijapur	78-82	View
13	1021	Development of Swarm Robots	A N Jyothi Shreeram Dutt, A Rahul, Abhishek Sarkar, A John Anvesh, Prof. Dilna U	83-87	View
14	1022	RASPBERRY PI BASED HOME SECURITY SYSTEM	Annapu Reddy Ravi Theja, Anusha R, Archana S, Arpitha R Sabarad, Dr. Manjula R Bharamagoudra	88-94	View
15	1023	CONSTRUCTION OF INDOOR POSITONING SYSTEM USING TRILATERATION AND RFFI FINGERPRINTS	Murulidhar K S , Anusha H, Vadhiraaj Ravi, Priyanka S	95-103	View
16	1024	Comparison study for artificial intelligent with PID controller	Hassan Farhan Rashag, Mohammed H. Ali	104-105	View
17	1025	Mining Waste in the Manufacture of Bricks	Manjunath S, Shirisha Y C, Amitha N R, Swathi C Naik	106-111	View
18	1026	HUMAN DETECTION ROBOT	Abhijeet Aman, Akshay Mahato, Abhiram T S, Anand Kumar G Prof. Shrikant S. Tangade	112-117	View
19	1028	DESIGN & FABRICATION OF AIR DRIVEN ENGINE	SANKETH S, HARSHA R N, MANUNATH MV	118-128	View

20	1029	Heart Rate Monitor System Using 8051 Microcontroller	Sandhyarani.L, Shalini.T.N, Shilpa.N, Sindhura.K.J Dr.R Venkatasiva Reddy	129-134	View
21	1031	HEALTHMONITORINGSYSTEM IN MOVING VEHICLES	B Guru Kiran, Chaitra Nayak J, C Venkata Vamsi	135-139	View
22	1032	Image Quality Enhancement using SIDWT Algorithm	Mr.T.KrishnaMoorthy, Ms.G.KomalaYadav, Ms.P.Chethana Reddy	140-147	View
23	1036	SUN TRACKING SOLAR HYBRID CHARGERS	Namrutha B P, Niveditha M R, Nikitha V, Prof. Chaitra Nayak	148-153	View
24	1050	SMART BIN	Harshini V M, Juveria Roman Khan, Lekhashree S N, Madhura Gowda C M. ,Prof. Ravishankar D	154-158	View
25	1081	Implementation of 2D Writing Robot	Prof. ALLA SRIJA,C.J.Jamuna, Janani.S, J.Swetha, Harshitha.G,	159-166	View
26	1083	INTEGRATED SMART SHOE FOR BLIND PEOPLE	M.V.S.Divija , M.Rohitha , Meghana.T , Monisha.H , Prof.Raveendra	167-172	View
27	1090	POLLUTION METER WITH DIGITAL DASHBOARD	Komal Kiran Rane , K Sreedevi ,Lavanya S	173-180	View
28	1097	Study on Body Mass Index and Anthropometric Measurement of DAV students	Rajwinder Pal Singh Gill, Dr. Ravi Kumar, Mr. Ravinder Singh Sohi	181-185	View
29	1098	GROWING GREENS ON WALL STRUCTURES USING WASTE WATER AND BIOFILTER	Mahadeva M, Rajiv T, Sugath Chandra S	186-193	View
30	1100	ARDUINO BASED HOME SECURITY SYSTEM USING PIR SENSOR	Km Nandini, Km Nandita, K Harika, K Kavya, Prof. Anupama R	194-198	View
31	1108	A SURVEY PAPER ON ELECTROMATED FISH FOR UNDERWATER SURVEILLANCE	Amar Ganapati Hegde, Karuna K, Aditya Shridhar Bhat , Junaid Gul,S Sowndeswari	199-208	View

32	1030	Development of Prototype of Smart Metro Train	Shruthi V N ,Sushma S Upadhya ,Sriprada S ,Spoorthi K.B, Prof. Warsha Balani	209-216	View
33	1096	DESIGN OF VEHICLE NUMBER PLATE DETECTION SYSTEM	BGokul, HamsaLekha UV,Chandana HC	217-221	View
34	1102	DEVELOPMENT OF AN INVERTER 12V DC TO 220V AC	Khajapeer Mn , Kishore Kumar N , Lakshmi S	222-224	View
35	1106	A SURVEY ON PATIENT'S HEALTH MONITORING SYSTEM USING WIRELESS SENSOR NETWORK	AKSHAY N DIVATE, JANHAVI M IYENGAR, BANU KIRAN G R, Prof. PADMASHREE S, GIRISH B O	225-230	View
36	1107	DRIVERLESS METRO TRAIN INCORPORATED WITH AUTOMATION FOR SECURITY	Mandara C Y*, Charan A*,Chandana S*, Anktha V*, M Levy*	231-240	View
37	1109	Automatic Medicine Vending Machine	Rakshitha A, Hema E,Priya G V, Rakshitha V, Sapna L	241-248	View
38	1111	ANDROID BASED AGRICULTURAL ROBOT	Geetha V, Prajwala S , Prithvi P, Reshmashree E	249-252	View
39	1112	A Provenance Based Compromised Node Detection in Wireless Sensor Networks	Prabin Bhusal ,Dr.Veena C.S	253-257	View
40	1113	A survey paper on - Solar Powered Smart Irrigation using IOT and WSN	Anupama Hongal , D.Manjunatha Reddy , R.Varun Kumar, Likith	258-264	View
41	1114	A SURVEY PAPER ON EXPIRED PRODUCT IDENTIFICATION AND SELF BILLING SMART TROLLEY	Manjula G Hegde,Suresh Kumar R,Yogananda O,Madhu Kumar M R	265-271	View
42	1115	A weapon Auto Aiming and Trigger System for Rapidly deployable Armed Support Robots	K V Siddamal, Rakshita Maruti Naik , Roja T S , Shwetha K , Sridevi H	272-274	View

43	1121	SURVEY PAPER ON Smart device for child safety and tracking using GSM module	Pavana H*, Roshni H*, Sagarika R *, Shilpa S*, Suneetha G C*	275-281	View
44	1118	Survey Paper On Optical Fiber Fault Detecting System	Deepu.R,Rahul.k,Swathi.V, Shilpa.chippalakatti	282-289	View
45	1042	Hand Gesture Controlled Laptop Using Arduino	Rohit Mukherjee, Pradeep Swethen, Ruman Pasha, Sachin Singh Rawat	290-296	View
46	1122	ELECTROMORPH: A COLLABORATIVE, EXPERIENTIAL AND PROJECT BASED ELECTRONIC LEARNING SCHEME	Sagaya Aurelia	297-301	View
47	1119	Survey Paper on Renewable Energy Integration for Smart Homes	Sowmya G M, Soujanya B A, Sohan kumar, Sonu Singh , Assistant Professor Shwetha	302-306	View
48	1124	A Survey Paper on Analysing Pet Animal Health and Tracking System Using IoT	Deepthi B L, Divya A M, Jaishree M N, Kavanasiri M A, Yoganandini A P	307-312	View
49	1125	Role of a Teacher in imparting Value-Education	Rakesh Khajuria, Nitu Sharma	313-316	View
50	1126	A STUDY ON STRUCTURAL ARRANGEMENTS FOR TALL BUILDINGS	K. Lakshmikantha Reddy, Prof. Dr G. R. Selokar	317-325	View
51	1128	A STUDY ON CHALLENGES IN HUMAN RESOURCE MANAGEMENT	Mrs. C. Suganthi	326-330	View
52	1129	A RESEARCH ON THE DIFFICULTIES IN MANAGING HUMAN RESOURCES	Mrs. C. Magila	331-337	View
53	1130	The impact of Human resource management practice on Organizational performance	MRS. C. AUMA	338-363	View
54	1131	MAXIMIZING EFFICIENCY: A COMPREHENSIVE APPROACH TO INVENTORY MANAGEMENT OPTIMIZATION	G. BANUPRIYA	364-370	View
55	1132	STRESS AND STRESS MANAGEMENT: A REVIEW	DR. D. BHUVANA	371-376	View
56	1133	HRM STRATEGIES FOR ADDRESSING SKILL SHORTAGES	M.subbulakshmi,	377-381	View
57	1134	THE ROLE OF VALUE IN CONSUMER SATISFACTION	M.Priya	382-385	View

58	1135	BRAND POSITIONING AND DIFFERENTIATION: STRATEGIES FOR COMPETITIVE ADVANTAGE	Dr. Reena Raj	386-391	View
59	1136	Secure Data Sharing in Cloud Computing: Enhanced Key-Aggregate Cryptosystem with Broadcast Aggregate Keys	Anusha Prem I	392-403	conf
60	1137	Architecture of IoT Technologies	BOBBY.S	404-416	conf
61	1138	Mobile Ad Hoc Network (MANET) - Security Aspects	Dhina Suresh	417-427	conf
62	1139	Risks Associated with Cloud Computing and Security Recommendations	Mrs. M.Geethanjali	428-439	conf
63	1140	Enhancing Industrial Data Analysis: Ensemble Algorithms and Decision Trees for Production and Manufacturing Processes	Mrs. M. Logeswari	440-452	conf
64	1141	A study on Factors Influencing the Effectiveness of Inventory Management in Manufacturing SMEs	Mrs. RAJESWARI. G	453-457	conf
65	1142	FINTECH IN COMMODITY TRADING	Mrs. VIYANI JENITA MARY. A	458-464	conf
66	1143	IMPACT OF TECHNOLOGICAL CHANGES IN AGRICULTURAL DEVELOPMENT- AN OVERVIEW	Mrs. SHASHIKALA. R.S	465-469	conf