

Third International Conference on NexGen Technologies 2020

ISBN:978-93-90103-01-0

Organised by: Sengunthar Engineering College (Autonomous)

Date:20th - 21st March 2020

INDEX

S. No.	Paper ID	Paper Title	Author	Page No.
1	503	Analysis of Quality Dimensions of Fly Ash in the Perspective of Compressive Strength	Madhuri Bhattacharya, Dr. Abhijit Chakraborty	01-11
2	504	Safety and Maintenance Management System in Textile Industries	P.Vishnubabu , Dr.K.Velusamy	12-18
3	507	Automation of Commercial & Residential buildings using IoT	S. Mathesh Kumar, S. M. Mohamed Suhail, N. Pradheep, V. Preethikadevi, P. Ponmurugan, C. Venkatesh	19-25
4	508	Student Academic Management System using Android Application	M. A. Mohamed Suhail, S. Naveena, S. Prasannabalaji, C. Rachana, P. Ponmurugan, C. Venkatesh	26-34
5	509	SCOPE OF BANANA FIBER HYBRID COMPOSITE FOR INDUSTRIAL APPLICATIONS: A REVIEW	Upendra Sharan Gupta, Mohit Dhamarikar, Amit Dharkar	35-49
6	512	Higher Education and SDGs	Reepu	50-54
7	513	Implementation of classification algorithms on heart disease dataset	P. Nithya , C. Rajeswari , D. Shanmugapriya	55-57
8	514	Analysis of the Selected Writings of William Montgomery Watt and Karen Armstrong on Prophet Muhammad	Danish Punjabi	58-64
9	515	AN OVERVIEW OF MARKET BASKET ANALYSIS USING APRIORI ALGORITHM	Ms.P.Nithya,K. Sivapriya, M .Rajshree	65-71
10	516	FUTURE IMPORTANCE OF MACHINE LEARNING: A STATE OF ART	Ms. P. Nithya, R. Pavithra , B. Kohila	72-77

11	520	Blockchain-based Traceability in Dairy Supply Chain Management: A Literature Review	Likith Kumar B, Nagapratham PM, Rachitha L, Vinod Kumar R	78-82
12	518	STRENGTH AND DURABILITY STUDY ON GEOPOLYMER CONCRETE BY USING FLYASH AND GGBS WITH EMBEDDED OF BACTERIA	Divya Bharathi. S, Sakthivel S, Vijaya Sundravel K	83-92
13	523	Evaluation of mechanical Properties of concrete with replacement of cement as pond ash	Sowndharya. D, Mr. Kathirvel. M	93-98
14	524	Experimental Investigation and Strengthening of RC Beams by Using CFRP Wrapping	K. Vanmathi, Dr.M.Velumani	99-106
15	528	REAL TIME AUTONOMOUS HEALTH MONITORING AND TRACKING SYSTEM FOR SOLDIERS	Little Judy A, Manikandaraja P, Midhun S , Mohan Kumar S, Raghu S	107-113
16	538	Desktop based Personalized Digital Assistant using Artificial Neural Networks	Naresh Sammeta, Siva Krishna Reddy.P, Dilli Prasad, Nithesh.T	114-120
17	560	ANALYSIS THE PROCESS PARAMETERS OF FLUIDISED BED GASIFICATION SYSTEM USING CORN STALKS	Dr.M. Senthil Kumar , Dr. B. Lakshmi pathy , Dr. N. Muthukumar, Mr.M.Kesavan	121-131
18	563	Analysis of Steel Structures for Various knee bracings using different loading conditions	K. Kanishkavya, Dr. D.Sivakumar	132-142
19	510	A Study of Feministic Angst in Bapsi Sidhwa's Novel Ice Candy Man	Rafia Rehman	143-149
20	572	INVESTIGATION ON SELF COMPACTING CONCRETE USING STEEL AND SISAL FIBRE	S. Umamageshwaran , J. Abdul Bari	150-157
21	575	"Hindi Soap Operas Exposure and its Influence on Chennai Urban Women"	R. Pugalandhi , Dr. S. Janet Mary	158-164
22	577	COMPARATIVE ANALYSIS OF CORPORATE GOVERNANCE ELEMENTS OF INDIAN AND FOREIGN BANKS	Satish Kumar, Dr. Mandeep Kaur	165-171
23	583	POLYMER MODIFIED STEEL FIBER REINFORCED CONCRETE	SHAISTA KANNI, SAJAD AHMAD MIR	172-179
24	578	IMPLICATIONS IN PROGRAM DESIGN ON THE IMPACT OF VARIOUS POLICIES ON CHILD LABOR	Neeraj, Shashikant Yadav	180-188
25	579	BRICS COUNTRIES INVESTMENT IN RENEWABLE ENERGY: A REVIEW	Neeraj, Shashikant Yadav	189-196

26	580	GOVERNMENT AND UBIQUITOUS CORRUPTION IN INDIA	Neeraj, Shashikant Yadav	197-202
27	581	CAN WORKFARE AND INCOME GUARANTEES SERVE AS POVERTY REDUCTION IN DEVELOPING COUNTRIES?	Neeraj, Shashikant Yadav	203-210
28	582	SILENT SCREAM OF SUPPRESSED WOMEN IN "THAT LONG SILENCE" BY SHASHI DESHPANDE	S. Bhuvana, R. Pavithra, Dr. M. Prasath	211-214
29	521	SMART E-VOTING SYSTEM BASED ON FINGER VEIN RECOGNITION	Mahalakshmi. K, Vijaya. V, Sowndharya. S, Gopinath. P	215-223
30	539	DRIVER HEALTH MONITORING SYSTEM (DHMS)	Ganesan. A, Tamilselvan. R ,Puthiyaraj. P, Dr. C. Aarthi	225-230
31	542	Authentication Scheme Using Illusion PINPrevent Shoulder Surfer Attack	A. Birundha, P. Janani, A. Piragathi, Prof. K. Ashok Kumar	231-241
32	557	DESIGN OF HIGH SPEED LOW NOISE FINFET TIA BASED ON MST A	Nandhini. S, Parimala. T, Vijayalakshmi. M, Dr. C. Aarthi	242-247
33	526	HUMAN LIFE SAFETY SYSTEM WITH ELECTRICAL INFORMATION	Kanimozhi.T, Malathi.K, Yuvarani.V, Ramesh kumar.P	248-253
34	530	POLLUTION MONITORING AND CONTROLLING SYSTEM WITH IoT	Jey surya.B, Krishnan.P.R, Saravanan.T, Thiyagaraj.S, Gopinath.P	254-258
35	543	ENABLING EFFICIENT USER REVOCATION IN IDENTITY-BASED CLOUD STORAGE AUDITING FOR SHARED BIG DATA	M.Aishwariya, J.Kokila, K.Gowri ,Dr.S.Radha	259-265
36	544	FAKE PRODUCT REVIEW MONITORING AND PRODUCT RECOMMENDATION	K.Elakkiya, K.Pavithra, S.Sobanadevi, K.Veera Jaya Priya Prof.K.Ashok Kumar	266-273
37	545	SMART MINOR AND DRUNKEN DRIVING PREVENT SYSTEM (SMDPS)	Dr.C.Venkatesh, Mr.M.Arunkumar, Monisha.S,Nandhini.M, Ranjitha.V, Priya.V	274-282
38	546	SMART PARKING SYSTEM	G.Balachandran, D.Jai sanjesh, A.Ranjeeth, K.Veeramanikandan, Dr.G. Jayamurugan	283-290
39	556	A NEW ROBOST APPROACH FOR REVERSIBLE DATABASE WATER MAKING WITH DISTORTION CONTROL	Dr.M. Sakthivel , M.Alagu Mari Selvi , J.Aruna Devi, S.Shalini	291-299

40	566	KARIGAI PROTECTION SYSTEM	Dr.M.Sakthivel, G.Nirmalraj, R.S.Naveen kumar, V.Dhinesh Kumar, R.Vinoth5	300-307
41	569	E – MILITARY JACKET WITH CLIMATE ADJUSTABLE SUIT	Nivetha.S, Vinitha.J, Praveena.M, Bhuvaneshvari.B,	308-312
42	585	SMART PANEL FOR LOAD TESTING OF MOTORS	Mr. A. Tamil Selvan, Dr.R.Satish Kumar, M.Manikandan, M.Hariharan, S.Sureshkumar	313-319
43	587	HYBRID FORWARD BOOST CONVERTER FOR E- VEHICLE	Dr.R.SATISHKUMAR,Mrs. Dr. K. UMADEVI, Mrs. Dr. E. GEETHA, S.KEERTHANA,V.GEETHA ,G.SASIKALA	320-327
44	590	SPEED CONTROL OF SWITCHED RELUCTANCE MOTOR USING CLASSIC CONVERTER	Ms.K.Deepa, Mrs.K.Umadevi, Ms.G.Nithya, Ms.M.P.Nandhini, Ms.B.Gokila	328-332
45	595	A NOVEL FUEL CELL BASED POWER GENERATION SYSTEM FOR AC GRID SUPPLY	Mr.N.Sivakumar, Mrs.Dr.K.Umadevi, Ms.P.Jeysri, Ms.M.Yamuna, Ms.B.Yuvarani	333-337
46	534	SMART DRAINAGE SYSTEM USING IoT	Ragul.P , Seenu balaji.M, Karthick.N , Suresh.A	338-341
47	540	PREDICT EFFECTIVELY HOSPITAL ADMISSIONS FROM THE EMERGENCY DEPARTMENT USING CNN	M.JEEVITHA,C.MANJULA,A.S URIYABHARATHI,R.VEENA LAHARI , Prof.KASHOK KUMAR	342-352
48	547	ONLINE ORGAN BANK	P.Madusuthanan, G.Nisanth, S.M.Rakhavendra, S.Sedhumathavan, Dr.B. Sujatha	353-357
49	550	Cyber Crime Response System	S.Dhivya , S.Atchaya , J.Priyadharshini, L.Ramya , Dr.G.Jayamurugan	358-363
50	551	UTILITY ITEMSET MINING WITH DISCARDING GLOBAL NODE STRATEGY	A. Karthick, M.Gokulram, R. Poogavin, J. Mohamath, Dr. B. Sujatha.	364-369

51	552	MAZE EVENTS	M.Mourya, B.Malathi, R.Mahalakshmi, Dr.B.Sujatha	370-375
52	553	PATTERN DEPICTION SYNTHESIZER WITH MAZE TRACKING	A.Arun, M.Ramamoorthy, K.Ashok Kumar	376-384
53	554	SECURE EXCEPTION MODE FOR FAULT ATTACK RESISTANT PROCESSING	G.Sridhar, S.Manoj Kumar, B.Sankar, A.Arulvishanth, Dr.G.Jayamurugan	385-395
54	555	ENERGY AND BANDWIDTH CONSTRAINED MULTICAST DATA FORWARDING SCHEME FOR CLOUD DATA CENTERS	S.Indhirani , E.Mythili , S.Umajagadeeswari , Dr. S.Radha	396-405
55	564	INSTITUTION COE-PORTAL	Dr.M.Sakthivel, V.Arumugam, M.Lakshmanan, S.Monish Kumar, A.Nandhakumar	406-412
56	567	INTELLIGENT PARKING SLOT PREDICTION USING GSM MESSENGER	Devasena. S , Jananee. J, Shobika. S, Dr. P. Ramesh kumar	413-420
57	584	MULTICHAIN ROUTING PROTOCOL IN 5G NETWORK	Dr.C.Venkatesh,P.Sivasanka ran, M.Janani, M.Mathiyarasi, R.Yazhini	421-426
58	589	AUTOMATED SELF NAVIGATED DUSTBIN DISPENSARY SYSTEM IN SMART CITIES	Mr. V.Nanthakumar, Mr.S.Balakrishnan, Mr.G.Naveen kumar, Mr.R.Kanagarathinam	427-436
59	593	WIRELESS CONTROL OF THREE PHASE INDUCTION MOTOR	Mr. G. Senthilrajan, Ms. M. Sharmila, Ms. T. Dhivya	437-442
60	594	STRENGTH STUDIES ON GEO-POLYMER CONCRETE BY USING FLY ASH,BOTTOM ASH AND QUARRY DUST	Dr.R.Shanmugam,S.Sasikum ar, R.Sivakumar. ,R.Raghu	443-457
61	541	A Methodology to Detect and Track Multi label Learning from Crowds	M.Induja, P.Leema Rose, B.Tamilselvi,Dr.S.Radha, Dr.C.Abarna	458-467
62	548	IoT BASED HOUSEHOLD HEALTH SAFETY SYSTEM	Dr.M.Sakthivel, S.Jamunashri, K.Athshal	468-475
63	592	AN EXPERIMENTAL INVESTIGATION ON FLY ASH BRICK WITH NATURAL FIBRE	Kiruthika.N , Niresh.B , Ajith.T , Arularasan.J, Arjun.S	476-482
64	574	ULTRA LOW POWER WIRELESS SENSOR NETWORK FOR HOME AUTOMATION	Kowsalya.K, Nandhini.M, Subhalakshmi.G, Rahul.A M.E	483-489

65	586	MULTIPOINT DC – DC CONVERTER FOR STAND ALONE PHOTO VOLTAIC SYSTEM	Mr. D.Sathiyaraj, Mr.K.S.Dinesh, Mr.M.Praveenkumar, Mr.S.Uthayakumar	490-499
66	596	Experimental Investigation of RC-Beam column joint strengthening by FRP Wrapping	Dr.P.Loganathan, Dr.P.Subramanian	500-507
67	598	Botnet Threats/Attacks and Botnet Detection, Prevention Methods	Rajesh Yadav	508-517
68	525	Impact of Sustainable Growth and Development Through the Metro Project of Pune City in Maharashtra	Dr. Tejaswinii V. Shende	518-521
69	576	SMART ASSISTANCE FOR - MUTE CARE TAKER	Dr.C.VENKATESH, G.SWATHI, S.SARULATHA,S.PRIYADHA RSHINI, S.SOWNDHARYA	552-528
70	568	Intelligent Trolley System	Dr.C.Venkatesh , G.Prashanth,S.Santhosh	529-536
71	527	BIRTH PANGS DETECTOR	Vishnu Murthy K, Joys Nancy J, S. Abirami, Poomagal Padmashree M N, Poovarasana C, Lenalisaanth T , Kumaran M	537-544
72	597	AN EXPERIMENTAL INVESTIGATION OF CONCRETE WITH REPLACEMENT OF BAGASSE ASH	Manikandan.N.R , Rishi.S , Pugalenth.K , Kumaravel.R , Ranjith Kumar.V	545-550
73	603	OVPS – ORGANIC VAYU PURIFIER SYSTEM	P. Jagadeeswaran, T. Karthik, J. K. Kavin Kumar, V. Nikhil	551-555
74	604	AGNISHAMAK - A SMART FIRE EXIT SYSTEM	P. Jagadeeswaran, S. Ganesh, P. Loganathan, P. Tamilselvan, M. Naveen Kumar	556-561
75	606	IMPROVING HEAT TRANSFER CHARACTERISTICS OF DOUBLE PIPE HEAT EXCHANGER USING HELICAL BAFFLE ON THE ANNULAR SPACES	Mohan Kumar. C, V. Sasidharan, A. Pradeep, L. Arthanari, S. Jaya Prakash	562-567
76	610	ROLLER SKATE FOR FLAT TYRE IN FOUR WHEELER	Murugesan. S, R. Arun Kumar, D.Kannan, Y. Mathiyalagan, R. Sivanesh	568-572
77	588	MULTILEVEL INVERTER	Mrs.T.Gohila, Dr.R.Satish Kumar, Mr.N.Manoj Prabakar, Mr.T.Vignesh, Mr.T.Soundar	573-578
78	613	BRIEF ASSESSMENT ON THE SUBALTERN VOICES IN THE NOVELS OF R.K. NARAYAN	SONIA RANI, DR. VEER SINGH	579-589

79	614	STUDY ON DIGITAL MARKETING IMPACT ON THE BUYING BEHAVIOR OF CONSUMER	TUSHAR KANTI CHOUDHURY, DR. PRAVEEN KUMAR MITTAL	590-602
80	615	A BRIEF RESEARCH ON OPTIMAL ENERGY RESOURCE MANAGEMENT IN MOBILE CLOUD COMPUTING	DR. POORNIMA TYAGI, SUSHANTA KUMAR SAHU	603-615
81	616	STUDY ON THE ROLE OF WASTEWATER TREATMENT NANOMATERIALS AND NANOTECHNOLOGIES: A BIBLIOMETRIC ANALYSIS	DR. SANJAY SAXENA, SUHAIL MANZOOR	616-629
82	617	STUDY ABOUT THE ENGLISH TEACHING AS SECOND LANGUAGE IN INDIA: COMPLICATIONS AND CURE	DR. VEER SINGH, ZAREENA SULTANA	630-644
83	618	THE EFFECT ON ORGANIZATIONAL SUCCESS OF GREEN SUPPLY CHAIN MANAGEMENT PRACTICES: STUDY ON FOOD INDUSTRY	THOMAS V. ALUKKAL, DR. PANKAJ TIWARI	645-658
84	619	STUDY ON RECENT DEVELOPMENT IN THE CATALYZED TRANSITION METAL INDOLESIAN SYNTHESIS	DR. SANJAY SAXENA, VENKATARATHNAM N	659-669
85	620	STUDY ON CYBER CRIME INTRUSION DETECTION USING THE BAYESIAN NETWORK	VINEET KUMAR, DR. HARSH KUMAR	670-683
86	621	CORRELATION BETWEEN THE SUBSET (VERBAL INTELLIGENCE) OF WIDE RANGE INTELLIGENCE TEST (WRIT-4) AND THE SUBSET (READING COMPOSITE) OF WIDE RANGE ACHIEVEMENT TEST (WRAT-4) IN DYSLERIC CHILDREN	SUBHA RAMASWAMY, DR. SARITA GUPTA	684-692
87	622	A STUDY OF LOWER SEMI-CONTINUOUS CONVEX FUNCTIONS	Dr.Bijay Kumar Singh, Saurav Suman	693-697
88	623	STATISTICAL ANALYSIS ON NON-LINEAR REGRESSION MODELS AND THEIR CONTRIBUTION	MANISH KUMAR SRIVASTAVA, DR. PARDEEP GOEL	698-706
89	624	ALTERNATIVE APPROACH TO FIND OPTIMUM SOLUTION OF GOAL PROGRAMMING PROBLEM	Monali G. Dhote, Dr. Chandra Prakash Ban , Dr.N.W.Khobragade	707-714
90	625	IS FAMILY TYPE A PREDICTOR FOR THE PSYCHOLOGICAL WELL-BEING OF INDIAN ADOLESCENT CHILDREN?	Subha Ramaswamy, Dr. Sarita Gupta	715-723
91	626	STUDY ON ORGANIZATIONAL SUSTAINABILITY AND HUMAN RESOURCE MANAGEMENT REINFORCE: THEORY AND PRACTICE PRINCIPLES AND STRUCTURES	SUNEETHA CHANDRAPPA, DR. PANKAJ TIWARI	724-734
92	627	HISTORY AND USES OF CLOUD COMPUTING	Shweta Jain	735-736

93	628	Challenges and Open Issues in Integrating Cloud Computing with Internet of Things	Amalredge. G,	737-747
94	629	MOBILE CLOUD GUARD: A ROBUST ACCESS CONTROL FRAMEWORK FOR SECURE MOBILE CLOUD COMPUTING	Anusha Prem I	748-755
95	630	Machine Learning Unleashed: A Comprehensive Overview of Algorithms	Mrs. M. Suguna	756-765
96	631	AN ANALYSIS OF HOMOMORPHISM AND THE GROUPS $[[Ext]]_R^n(A,B)$	Kavitha. K, Sr.M.Lincy Selestin,	766-772
97	632	APPLICATIONS OF GRAPH LABELING	B. Deepa	773-777
98	633	CONSTRUCTION OF BIPARTITE AND NON-BIPARTITE GRAPH	Jaleesha.B. K	778-784
99	634	TRIPLE CONNECTED COMPLEMENTARY TREE DOMINATION NUMBER OF GRAPH	Karunya. R. S, Sr.M.Lincy Selestin	785-793
100	635	Utilizing clustering, analyze the performance of a content-based video retrieval system.	Abhay Shukla, Ashish Shukla, Pooja Diwivedi, Rituraj Kushwaha, Shail Dubey	794-800
101	636	PREVENTING ATTACKS USING ONLINE PASSWORD GUESSING DEFENSES	Shalini Gupta, Shubha Jain, Vijatashwa Awasthi, Ajay Gaur	801-804