



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)


Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

LIST OF RESEARCH PAPER PUBLISHED

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Carelist/Scopus/Web of Science/other, mention
1	Experimental Investigations on Mechanical Properties of AZ31/Eggshell Particle-Based Magnesium Composites	N.Ramanujam S.Muthukumar, B.Nagesawara Rao, M.Ramarao, Amol.L.Mangrulkar, K.S.Ashraff ali, L.Pugazhendh	Mech	Advances in Materials Science and Engineering	2022	16878-442	https://www.hindawi.com/journals/amse/?utm_source=google&utm_medium=cpc&utm_campaign=HDW_MRK_T_GBL_SUB_AD_WO_PAI_KEYW_JOUR_AMSE_GENBMM&gclid=Cj0KCQiAqOucBhDr	https://www.hindawi.com/journals/amse/2022/4883764/	SCIE
2	Investigation of Damping Characteristics on Copper-Based Shape Memory Alloy Frictional Damping	Chokalingam Singaravelu P. rasannavenka desanvarathar ajan Ganesan Ramu Karthik Rameyan	Mech	Arabian Journal for Science and Engineering	2022	2191-4281	https://www.springer.com/journal/13369/	https://www.springer.com/journal/13369/	SCIE
3	On the Influence of Electrical Discharge Drilling Parameters and Performance Measure of Inconel 718 Superalloy	Jayaraj Jeevamar Sundaresan Ramabalan Jayaraj Jancirani	Mech	MECHANIKA ANIKA	2022	1392-1207	https://mechanika.ktu.lt/index.php/Mech	https://www.researchgate.net/publication/356924652_On_the_Influence_of_Electri	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

4	Modeling tensile modulus of nanoclay filled ethylene-propylene-diene monomer/styrene-butadiene rubber using	M.S.Ravi Theja, Naveen Kilari, S. Vishvanathperrumal V. Navaneethakrishnan	Mech	Journal of Rubber Research	2022	42464-021	https://www.springer.com/journal/42464	https://link.springer.com/article/10.1007/s42464-021-00140-5	SCI
5	Evaluation of shallow and deep neural networks for steel surface defect	S.Krishnamohan Rahul Vigneshwaran N. Ramajam G. Sundaravad	Mech	International Journal of Mechanical	2022	0974-5823	https://www.ias.ac.org/journals/ijme	https://link.springer.com/chapter/10.1007/978-981-13-0079-7	SCOPUS
6	Visible Light Driven AL ₂ O ₃ , CuO and AL ₂ O ₃ /CuO Nanocatalysts: Synthesis and Enhanced Photocatalytic	A.Sridevi S.Krishnamohan M.Thairiyaraja B.Prakash R.Yokeshwaran	Mech	Inorganic Chemistry Communications	2022	1387-7003	https://www.sciencedirect.com/journal/inorganic-chemistry-communications	https://www.sciencedirect.com/science/article/abs/pii/S13877003220003220	SCIE
7	Slurry Erosion Behaviour Of Eco-Friendly Surface Modified Pump Casings Used in Coal Mines	G.Sundaravadivel S.Krishnamohan	Mech	Journal Of Environmental Protection and Ecology	2022	152-162	https://ores.su/en/journals/journal-of-environmental-protection-and-ecology/	https://www.researchgate.net/profile/Carmen-Gasparotti/publication/235923048_Methods_for_the_risk_assessment_in_maritime_tra	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE

NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

8	Advanced Multi Criteria Optimal Design of Spiral Bevel Gear Pair	N.Godwin Raja Ebenezer S. Ramabalan S. Navaneethan S. Akumar	Mech	Jordan Journal of Mechanical and Industrial	2022	1995-6665	http://jjmie.hu.edu.jo/	http://jjmie.hu.edu.jo/files/v4n4/JJMI-E-129-	SCOP US
9	Advanced power optimization of worm gear drive with profile shift signature	N.Godwin Raja Ebenezer S. Ramabalan S. Navaneethan S. Akumar	Mech	International Journal of System Assurance	2022	429-438	https://www.springer.com/journal/13198	https://link.springer.com/article/10.1007/s13198-011-	SCOP US
10	Optimal sizing and smart charging capabilities of electric vehicle charging station by considering quality of service	Velmurugan Palani Sunniah Gomathi Ponnupandian Aruna Vasanth Prabhuvaramani Veeramani Manathunainathan	Mech	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2022	10.1080/15567036.2022.2032879	https://www.tandfonline.com/toc/ueso20/current	https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2032879	SCIE
11	Influence of Nanoclay dispersion on Mechanical and Vibration Properties of E-Glass Fiber Reinforced IPN	J.Jeevamalar S.Mohamed Abbas S.Bharanikumar S.D.Sekar C.M.Meenakshi G.Suresh	Mech	Recent Advances in Materials and Modern Manufacturing	2022	978-981-19-0243-7	https://link.springer.com/book/10.1007/978-981-19-0244-4	https://link.springer.com/chapter/10.1007/978-981-19-0244-	SCOP US
12	Jute Fiber IPN Graphite Filled: An Experimental Investigation and Prediction of Water	J.Jeevamalar S.Mohamed Abbas S.Bharanikumar S.D.Sekar C.M.Meenakshi	Mech	Recent Advances in Materials and Modern Manufacturing	2022	978-981-19-0244-4	https://link.springer.com/book/10.1007/978-981-19-0244-4	https://link.springer.com/chapter/10.1007/978-981-19-0244-	SCOP US


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

13	Synthesis and characterization of Diethyl 3,4-bis(2,5-dimethoxybenzyl)thieno[2,3-b]thiophene-2,5-dicarboxylate	R.Divya.K. SenthilKannan.M. Jothibas.K. Suganya.R. Ranadevan.R. Krishnaveni.V. Sivaramakrishnan	Mech	AIP Conference Proceedings	2022	978-0-7354-4198-9	https://doi.org/10.1063/5.0074223	https://doi.org/10.1063/5.0074223	SCOPUS
14	Synthesis, theoretical structural explication, supercell configuration, Hardness, tribological data and void space	V. Sivaramakrishnan, K. SenthilKannan, R. Manikandan, M. Meena, M. Vimalan, K. Suganya	Mech	Materials Today: Proceedings	2022	2214-7853	https://doi.org/10.1016/j.matpr.2022.04.768	https://doi.org/10.1016/j.matpr.2022.04.768	SCOPUS
15	Slurry Erosion Behaviour of Eco-Friendly surface modified pump casings	KRISHNAM OHAN SUNDARAV ADIVELG	Mech	Journal of Environmental Protection and	2022	1311-5065	https://scibulcom.net/journal/1311-5065	https://scibulcom.net/journal/1311-5065	SCIE
16	EVALUATION OF SHALL AND DEEP NETWORKS FOR STEEL	KRISHNAM OHAN S	Mech	KALAHARI JOURNALS	2022	0974-5823	https://kalaharijournals.com/	https://kalaharijournals.com/issue-	UGC Care list
17	Visible-light driven $\text{Al}_2\text{O}_3/\text{CuO}$ and $\text{Al}_2\text{O}_3/\text{CuO}$ photocatalysts: synthesis and enhanced photocatalytic	A. Sridevi; S. Krishnamohan; M. Thairiyaraja; B. Prakash; R. Yokeshwaran	Mech	Inorganic Chemistry Communications	2022	1387-7003	https://www.sciencedirect.com/science/article/abs/pii/S1387700322001198	https://doi.org/10.1016/j.inoche.2022.109311	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

18	Optimization of Water Absorption and Mechanical and Thermal Behavior of Polylactic Acid/Chitosan/Titanium	S Krishnamohan, HarishchanderAnandaram, VRathinam, SKaliappan, S Sekar, PravinPatil, Asheesh	Mech	Advances in Materials Science and Engineering	2022	1687-8434/1687-8442	https://www.hindawi.com/journals/ams/2022/5176584/	https://doi.org/10.1155/2022/5176584	SCI
19	Optimization on Tribological Behaviour of AA7075/Zirconium Boride Composites Using Taguchi Technique	SKrishna Mohan, R Meenakshi Reddy, V Kamalakar, M Amareswar, AHSeikh, MHSiddique, TLKishore,	Mech	Advances in Materials Science and Engineering	2022	1687-8434/1687-8442	https://www.hindawi.com/journals/ams/2022/4058442/	https://doi.org/10.1155/2022/4058442	SCIE
20	Analysis of single-diode PV model and optimized MPPT model for different environmental	Senthilkumar, S, Mohan, V, Mangaiyarkarasi, S, P, Karthikeyan, M	ECE	International Transactions on Electrical Energy	2022	ISSN: 2356-6140	https://onlinelibrary.wiley.com/	https://www.sciencedirect.com/science/article/abs/pii/S23566140	SCI-Expanded
21	Comparative energy bandgap analysis of Zinc and Tin based	IrshadAhamed, M, MansoorAhamed, Sathish Kumar, K, Sivaranjani, A,	ECE	Revista Mexicana de fisica	2022	ISSN: 2683-2224	https://www.scielo.org.mx/scielo.php?script=sci_serial&pid=1870-3542	DOI: 10.32604/csse.2022.023109	SCI-Expanded
22	Mobile robot path planning using fuzzy enhanced improved Multi-Objective particleswarm	Sathiya, V, Chinnadurai, M, Ramabalan, S,	ECE	Expert Systems with Applications	2022	ISSN: 2045-2322	https://www.sciencedirect.com/journal/expert-systems-with-applications	https://content.iospress.com/journals/journal-of-intelligence	SCI-Expanded
23	An Efficient video inpainting approach using deep belief network	NuthalSrinivasan, M, & Chinnadurai, M,	ECE	Computers, Systems, Science and Engineering	2022	ISSN: 0267-6192	https://dl.acm.org/journal/csse	https://aaccentsjournals.org/paperInfo.php?journal	SCI-Expanded

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

24	IoTbasedfault identification insolarphotovoltaic systemsusing	Mohan,V,Sen thilkumar,S	ECE	Journal ofIntelli gent&F uzzzy Systems	2022	ISSN: 1064-1246	https://www.iospre ss.com/catalog/jour nals/journal-of- intelligent-fuzzy- systems	https:// www.n euroqua ntology .com/ar ticle.ph	SCI- Expan ded
25	Designofmicr ostripantenna usinghighfreq uencystructur esimulatorfor 5G	Senthilkumar, S, Udhayanila,K, Mohan,V,Sen thilKumar,T, Devarajan,D &	ECE	NeuroQ uantolo gy	2021-2022	ISSN: 1303-5150	https://www.neuro quantology.com/ab out.php	https:// www.n euroqua ntology .com/ar ticle.ph p?id=4 647	Scopus
26	Solitonpropag ationincolloid alsuspension: Numericalsim ulationand modulationin-	Senthilkumar, S,Mohan,V,S enthilKumar, T&Chitrakala ,G	ECE	Internat ionalJo urnalof Advanc ed Technol	2022	ISSN: 2394-7454	https://accentsjourn als.org/journals1.p hp?journalsId=110	https:// doi.org/ 10.101 6/j.heli yon.202 2.e0962 1	Scopus
27	Compressive spectrum sensingfor5G cognitive radio networks –LASSO approach	Koteeshwari, R,S& Malarkodi,B	ECE	Heliyon	2022	ISSN: 2405-8440	https://www.scienc edirect.com/journal /heliyon	https://c halcoge n.ro/ind ex.php/j ournals/ chalcog enide- letters/1 1- cl/558- volume- 18- number- 11- novemb er-2021	SCI- Expan ded
28	Spectrum sensing techniquesfor 5Gwireless	Koteeshwari, R,S& Malarkodi,B	ECE	Sensors Internat ional	2022	ISSN: 2666-3511	https://www.scienc edirect.com/journal /sensors- international	https:// doi.org/ 10.155 6/1848	Scopus


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

29	Studies on copper indium selenide/Zinc sulphide semiconductor quantum dots for solar cell applications	Babu, P, J, S, Padmanaban, T, S, Ahamed, M, I, Sivaranjani, A	ECE	Chalcogenide Letters	2022	ISSN: 464-8603	https://chalcogen.ro/index.php/journals/chalcogenide-letters?showall=1	https://www.hindawi.com/journals/ites/2022/4980843/	SCI-Expanded
30	Modelling of density of states and energy level of	Irshad Ahamed, M, Ahamed, M, Muthaiyan, R	ECE	International review of applied	2022	ISSN: 1556-1848	https://akjournals.com/view/journals/1848/1848-overview.xml	https://doi.org/10.31349/RevMexFis	Scopus
31	Virtuanized Load Balancer for Hybrid Cloud Using Genetic	S. Manikandan	IT	Intelligent Automation & Soft	2022	2326-005X	https://www.techscience.com/iasc	doi:10.32604/iasc.2022.022527	SCIE & Scopus
32	Multiple input and multiple output and energy-aware peer routing protocol for energy consumption in sensor networks	Sundar Raj, A, Chinnadurai, M	ECE	International Journal of Communication Systems	2022	ISSN: 1074-5351	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4267	SCI-Expanded
33	Intrusion Detection System for Energy Efficient	R. Lavanya	IT	Intelligent Automation & Soft	2022	2326-005X	https://www.techscience.com/iasc	10.32604/iasc.2022.021467	SCIE & Scopus
34	Deep Sentiment Learning for Measuring Similarity Recommendation	S. Manikandan	IT	Intelligent Automation & Soft Comput	2022	2326-005X	https://www.techscience.com/iasc	10.32604/iasc.2022.023469	SCIE & Scopus
35	Bat-Inspired Optimization for Intrusion Detection Using Ensemble	R. Anand Babu	IT	Intelligent Automation & Soft Comput	2022	2326-005X	https://www.techscience.com/iasc	10.32604/iasc.2022.024098	SCIE & Scopus

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

36	Fingerprint Agreement Using Enhanced Kerberos Authentication	A.S.Anakath	IT	Computer Systems Science and Engineering	2022	0267-6192	https://www.techscience.com/csse	10.32604/csse.2022.022329	SCIE & Scopus
37	Virtualized Load Balancer for Hybrid Cloud Using Genetic	S.Manikandan	IT	Intelligent Automation & Soft	2022	2326-005X	https://www.techscience.com/iasc	doi:10.32604/iasc.2022.022527	SCIE & Scopus
38	Intrusion Detection System for Energy Efficient	R.Lavanya	IT	Intelligent Automation & Soft	2022	2326-005X	https://www.techscience.com/iasc	10.32604/iasc.2022.021467	SCIE & Scopus
39	Deep Sentiment Learning for Measuring Similarity Recommendation	S.Manikandan	IT	Intelligent Automation & Soft Comput	2022	2326-005X	https://www.techscience.com/iasc	10.32604/iasc.2022.023469	SCIE & Scopus
40	Bat-Inspired Optimization for Intrusion Detection Using Ensemble	R.Anand Babu	IT	Intelligent Automation & Soft Comput	2022	2326-005X	https://www.techscience.com/iasc	10.32604/iasc.2022.024098	SCIE & Scopus
41	Fingerprint Agreement Using Enhanced Kerberos Authentication	A.S.Anakath	IT	Computer Systems Science and Engineering	2022	0267-6192	https://www.techscience.com/csse	10.32604/csse.2022.022329	SCIE & Scopus
42	A Hybrid Crow Search and Grey Wolf Optimization Technique for Enhanced Medical Data Classification in Diabetes Diagnosis System	C.Mallika Dr.S.Selvamuthukumar	MCA	International Journal of Computational Intelligence Systems	2021-2022	ISSN (Online): 1875-6883 ISSN (Print): 1875-6891	https://www.springer.com/journal/441	https://doi.org/10.1007/s44196-021-00013-0	SCIE/ Web of Science

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

43	Hybrid Online Model for Predicting Diabetes Mellitus', Intelligent Automation	C.Mallika- Dr.S.Selvam uthukumar	MCA	Intelligent Automation & Soft Computing	2021-2022	ISSN:1079-8587(Print), ISSN:2326-005X(Online)	https://www.techscience.com/journal/iasc	DOI:10.32604/iasc.2022.020543	SCIE/ Web of Science
44	Valuating the Impact of EHR on Institutional Performance	Mr.S.SakthiKamalNathan & Dr.R.Karthi	Department of Management Studies	Stochastic Modeling and Applications	2021-2022	0972-3641	https://www.mukpublications.com/stochastic-modelling-and-applications.php	https://www.researchgate.net/publication/353480640_EFFECTIVENESS_OF_ONLINE_TEACHING_AND_LEARNING_PROCESS	UGC
45	Tungsten Carbide Addition on the Microstructure and Mechanical Behavior of Titanium	R.SivaKumar	CIVIL	Advances in Materials Science and Engineering	2022	2E+06	https://www.hindawi.com/journals/ams/	https://doi.org/10.1155/2022/2266951	SCIE
46	Mechanical property of Recycled Aggregate Concrete Incorporating Alccofine with River Sand and M-	S.Santhoshkumar	CIVIL	Journal of the Balkan Tribological Association	2022	1311-5065	https://scibulcom.net/	https://scibulcom.net/en/home	SCOPUS

Dr. S. RAMABALAM, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

47	Flexural performance of Recycled Coarse Beams Made With Recycled Coarse Aggregate	S.Santhosh kumar	CIVIL	Journal of Environment protection and Ecology	2022	1310-4772	https://www.scimagojr.com/journalsearch.php?q=12400154728&tip=sid	https://scibulcom.net/en/home	SCIE
48	Mechanical Properties of Reinforced Concrete Deep Beam with Multiple Web Openings	B.Ashwini	CIVIL	International Journal of All Research Education	2022	2455-6211	http://www.ijaresm.com/	https://www.researchgate.net/publication/358101010	UGC
49	Studies on copper indium selenide/Zinc sulphide semiconductor quantum dot for solar cell applications	P.J.Suresh Babu,, T.Suresh Padmanabhan M.I.Ahamed, A.Sivaranjani	EEE	Chalcogenide Letters (SCIE) IF: 0.855	2021	ISSN 1584-8663	www.chalcogen.ro/journals	https://www.researchgate.net/publication/358101010	SCI-E
50	Analysis of Single-Diode PV Model and Optimize MPPT Model for Different Environmental	S. Senthilkumar, V.Mohan, S.P.Mangaiyarkarasian M.	EEE	International Transactions on Electrical Energy	2022	ISSN (Online): 2050-7038	https://www.hindawi.com/	http://www.hindawi.com/journals/itees/2022/4980843/	SCI
51	Estimation of Location Marginal Pricing Using Hybrid Optimization Algorithms	M. Bhoopathi, P. Palanivel	EEE	Intelligent automation & Soft computing (SCI) IF: 1.647	2022	ISSN (Online): 2326-005X	https://www.techscience.com/journals	doi:10.32604/itees.2022.017705	SCI

Dr. S. Ramabalan, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

52	Elimination of Harmonics in Multilevel Inverter Using Multi-Group Marine Predator	G.Krithiga V.Mohan	EEE	International Transactions on Electrical Energy	2022	ISSN (Online): 2050-7038	https://www.hindawi.com/	hindawi.com/journals/itees/2022/4980843/	SCI
53	A novel neural network model for shrimp segmentation to detect white spot syndrome	Ramachandran Lakshmanan, Mohan Veerasamy	EEE	Journal of Intelligent & Fuzzy Systems (SCI) IF: 1.737	2022	ISSN: 1064-1246 (print), 1875-8967 (online)	www.iospress.com/catalog/journals/journal	DOI: 10.3233/JIFS-220172	SCI
54	IoT based fault identification in solar photovoltaic systems using an extreme learning machine technique	V.Mohan, S. Senthilkumar	EEE	Journal of Intelligent & Fuzzy Systems (SCI) IF: 1.737	2022	ISSN: 1064-1246 (print), 1875-8967 (online)	www.iospress.com/catalog/journals/journal	DOI: 10.3233/JIFS-220172	SCI
55	Solar Powered Pesticide Sprayer with Mobile Charger and LED Light	S. Senthilkumar, V.Mohan, T.Senthil Kumar, G.Chitrakala, L.Ramachandran &	EEE	International Journal of Innovative Science and Research	2022	ISSN 2456-2165 (Online)	https://www.ijisrt.com	https://www.ijisrt.com/solar-powered-pesticide-sprayer-	Google Scholar
56	Segmentation of mammogram Abnormalities using Ant system Based Contour	Dr.R.GANESAN	BME	PERIODICAL MINERALOGIA	2022	0369-8963	https://www.scimagojr.com/journalsearch.php?q=99670&tip=sid	https://link.springer.com/article/10.1007/s110	SCI

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

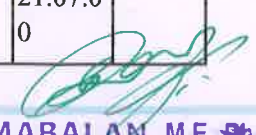
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

57	AHybrid segmentation and classification techniques for detecting the neurodegenerative disorder from brain	Dr.R.GANESAN	BME	Springer Nature	2022	0967-0912	https://www.springernature.com/gp	https://link.springer.com/article/10.1007/s11042-022-12967-	SCI
58	Progressive Transfer Learning based DeepQ Network for DDOS Defence in WSN, Computer	Dr.R.GANESAN	BME	Tech Science Press	2022	1546-2218	https://www.techscience.com/	https://www.techscience.com/csse/v44n3/49161	SCI
59	Spectrophotometric and fluorometric detection of DNA/BSA interaction, antimicrobial, anticancer, antioxidant and catalytic activities of biologically active methoxy substituted	Adwin Jose P	Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2022	1386-1425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.com/science/article/abs/pii/S1386142521010313	Web of Science
60	An Analysis of Multi-objective Fuzzy Stochastic Nonlinear Programming	Seetha R	Mathematics	Communication in Mathematics and Applications	2022	0975-8607	https://www.rgnpublications.com/journals/index.php/cm	https://www.rgnpublications.com/journals/index.php/	Web of Science
61	An IoT based Green Home Architecture for Green Score Calculation towards Smart	Dr.M. Chinnadurai, S.Palani Murugan, E.Elakiya	CSE	KSII Transactions on Internet and Information	2021	ISSN: 1976-7277	https://www.itiis.org/	https://doi.org/10.3837/tiis.2021.07.00	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

62	Tour Planning Design for Mobile Robots Using Pruned Adaptive Resonance Theory Networks	S.PalaniMurugan, Dr.M.Chinnadurai	CSE	Computers, Materials & Continua	2022	ISSN: 1546-2226	https://www.techscience.com/journal/cm	https://doi.org/10.32604/cmc.2022.016152	SCIE
63	A Hybrid deep learning intrusion detection model for fog computing environment	K.Kalaivani, Dr.M.Chinnadurai	CSE	Intelligent Automation & soft computing	2021	ISSN: 2326-005X	https://www.techscience.com/journal/iasc	https://doi.org/10.32604/iasc.2021.017515	SCIE
64	Virtualized Load Balancer for Hybrid cloud using Genetic Algorithm	Dr.M.Chinnadurai	CSE	Intelligent Automation & Soft Computing	2021	ISSN: 2326-005X	https://www.techscience.com/journal/iasc	https://doi.org/10.32604/iasc.2022.022527	SCIE
65	Intrusion Detection System for Energy Efficient	Dr.S.Kannan	CSE	Intelligent Automation & Soft	2021	ISSN: 2326-005X	https://www.techscience.com/journal/iasc	https://doi.org/10.32604/iasc.2022.022527	SCIE
66	Novel mechanism for Fault tolerance in federated	S.Subashree, Dr.M.Chinnadurai	CSE	Journal of Environment protection	2021	ISSN: 1311-5065	https://scibulcom.net/en/journal/1311-5065	https://scibulcom.net/en/article/SPVK	SCOPUS
67	Threshold based Support Vector Machine Learning	S.Imavathy, Dr.M.Chinnadurai	CSE	International Journal of Computing	2021	ISSN 1841-9844	https://univagora.ro/jour/index.php/ijcc/issue/view/161	https://doi.org/10.15837/ijccc.2021.6	SCIE
68	Security for the Networked Robot Operation	M.Rajkumaran	CSE	Journal of Medical Imaging	2021	ISSN 2156-7026	https://www.ingentaconnect.com/content/asp/jmih;jsessionid=4189nm952hi	https://doi.org/10.1166/jmih.2021.6	SCIE
69	Evolutionary algorithm based adaptive load balancing (EALB) in	Mr.J.Noorul Ameen	CSE	Intelligent Automation and Soft	2022	ISSN: 2326-005X	https://techscience.com/journal/iasc	DOI: 10.32604/iasc.2022.025187	SCIE

Dr. S. RAMABALAN, M.E., PH.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

70	Singleround clusterheads election(SRCH) algorithmforenergyefficient communicationin WSN	Mrs.K.Rajam malMrs.Sant hiya	CSE	Pervasi veCom putinga ndSocia lNetwo rking,S pringer	2022	ISSN 978- 981-16- 5640-8	https://link.springer.com/book/10.1007/978-981-16-5640-8	https://link.springer.com/chapter/10.1007/978-981-16-5640-8_48	SCIE
71	Metaheuristic Based ResourceSchedulingTechniqueforDistributedRobotic Control Systems	P.Anandraj	CSE	Comput erSyste msScie nceand Engine ring	2022	ISSN- 1277- 1292	https://www.techscience.com/journal/cse	10.32604/csse.2022.022107	SCIE
72	Lifetime Escalationand CloneDetectioninWirelessSensorNetworks usingSnowball Endurance	Dr.S.Kannan	CSE	KSII Transac tionsonI nterneta ndInfor mationS ystems	2022	ISSN: 1976- 7277	https://www.itiis.org/	chrome-extension://efaidnbmnnibpcajpcgleclefindmkaj/https://koreascience.	SCIE
73	mobilerobot pathplanning usingfuzzyenhancedimprovedMulti-Objective	Dr.M.Chinnadurai	CSE	ExpertS ystems withAp plicatio ns	2022	ISSN- 95741 74	https://www.sciencedirect.com/journal/expert-systems-with-applications	https://www.sciencedirect.com/science/article/abs/pii/	SCIE
74	Ensemble DeepLearning IntrusionDetectionModelforFog	KKalaivani, M Chinnadurai	CSE	Internat ionalJo urnalof Softwar	2022	EISSN :2166- 7179	https://www.igi-global.com/journal/international-journal-software-innovation/64245	https://doi.org/10.4018/IJSI.303587	SCIE
75	Andentity-basedsecurean doptimalauthenticationscheme forthecloud	KRaju, M Chinnadurai	CSE	Comput ersmate rials&c ontinua	2021	ISSN:1 546- 2226	https://www.techscience.com/journal/cmc	https://doi.org/10.32604/cmc.2021.0	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

76	Competitive resource allocation in HE TNETS: pricing, bandwidth	Mr.J.Noorul Ameen	CSE	International Research Journal of	2021-2022	ISSN: 2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V8/i6/IRJET-	UGC Care List
77	Bat-Inspired Optimization for Intrusion Detection Using an Ensemble Forecasting Method	S.Kannan	CSE	Intelligent Automation & Soft Computing	2022	ISSN: 2326-005X	https://www.techscience.com/journal/iasc	https://www.techscience.com/journal/iasc/v34n1/47346	SCIE
78	Energy band gap study on copper chalcogenide semiconductor nanostructures	M.I.Ahamed M.Ahamed A. Sivaranjani S. Chockalingam	MECH	Chalcogenide Letters	2021	1584-8663	https://www.chalcogen.ro/index.php/journals/chalcogenide-letters	https://www.chalcogen.ro/index.php/journals/chalcogenide-letters	SCIE
79	Investigation of powder mixture delectrical discharge machining parameters optimization	M.Ashok T.N. Irangan S. Chockalingam B. Singaravel	MECH	IOP Conference Series: Materials Science and Engineering	2021	1757-899X	https://iopscience.iop.org/conference-series	https://iopscience.iop.org/conference-series/article/10.1088/1757-899X/827/1/01	SCOPUS
80	Dynamically Changing Parameters Particle Swarm Optimization (DCPPSO) Based Trajectory	Ramabalan S. undaresan S. Mahalakshmi Chinnadurai Murugaiyan	MECH	Advances in Interdisciplinary Engineering	2021	2195-4356	https://link.springer.com/book/10.1007/978-981-13-6577-5	https://link.springer.com/book/10.1007/978-981-13-6577-5	SCIE
81	Design optimisation of mating helical gears with profiles shift using nature inspired	N.Godwin Raja Ebenezer S.R. Ramabalan S. Navaneethasanthakumar	MECH	Australian Journal of Mechanical Engineering	2020	1448-4846	https://www.tandfonline.com/journals/tmec20	https://www.tandfonline.com/journals/tmec20	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

82	Multi-Objective Optimization of Process Parameters in W-Powder Mixed Electrical Discharge	J.Jeevamalar B.Vinoth	MECH	International Journal of Advanced Science and Technology	2020	2005-4238	http://sersc.org/journals/index.php/IJAST	http://sersc.org/journals/index.php/IJAST/article/view/25138	SCOPUS
83	Modelling of Rotary EDM Process Parameters of Inconel 718 using Artificial Neural Networks	Jayaraj Jeevamalar Sundaresan Ramabalan Chinnamuthu Senthil Kumar	MECH	Mechanika	2020	2249-6890	https://mechanika.ktu.lt/index.php/Mech	https://www.mechanika.ktu.lt/index.php/Mech/article/view/20484	SCIE
84	Hardness, Photoconductivity, Anti-diabetic Studies of L-Alaninium Formate (LAF) Crystals	V.Sivaramakrishnan K.Senthil Kannan K.Bhaknya M.Kolanjinathan R.Ranadevan	MECH	IJMPE RD	2020	1551-7616	https://journals.indexpublish.com/research/details?id=45150	https://aip.scitation.org/doi/abs/10.1063/5.0019337	SCOPUS
85	Electronic transport Homo-Luminescence and computational studies of Cus monowire for nanodevice	K.Senthil Kannan V.Sivaramakrishnan V.Kalai poonguzhali M.Chinnadurai	MECH	Materials Today Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S22147853	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

86	XRD, CHNSO, fluorescence, filter-influx, NLO, photoconductivity, hardness and helical spring fabricated device stress analysis of 2-chloro-4-methoxy-3-	M.Kolanjathan Hariharasudhan Rajagopalan Sivaramakrishnan Velu R. P. Patel	MECH	Journal of Materials Science	2021	10049-10057	https://www.springer.com/journal/10853	https://www.springerprofessional.de/en/xrd-chnso-fluorescence-filter-influx-nlo-photoconductiv	SCIE
----	---	--	------	------------------------------	------	-------------	---	---	------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

87	Investigation of Micro-hole quality in Drilled CFRD1 aminates through CO ₂	N.Ramanujam S.Dhanabalan D.Rajkumar N.Jeyaprakash	MECH	Arabian Journal for Science and Engineering	2021	2191-4281	https://www.springer.com/journal/13369/	https://link.springer.com/article/10.1007/s13307-017-1400-1	SCIE
88	Determined Material Selection on Adaptive Control Based Rocker Bogie for Different Manufacturing Configuration	A.Arunkumar D.Vigneshwaran S.Ramabalan	MECH	Design Engineering	2021	0011-9342	https://ores.su/en/journals/design-engineering-toronto/	http://www.the-design-engineering.com/index.php/DE/article/view/140	UGC
89	Chatter control and stability analysis in cantilever boring bar	S.Chockalingam S.Ramabalan K.Govindan	MECH	Materials Today Proceedings	2021	2577-2580	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/	SCIE
90	Experimental investigation of electrode shape configuration in sustainable electric	S.Murugesan N.Manikandan M.Subramanian S.Chockalingam G.Surendar	MECH	IOP Conference Series: Materials Science	2021	1757-899X	https://iopscience.iop.org/conference-series	https://iopscience.iop.org/article/10.1088/1757-7747/1757-1-012001	SCOPUS
91	Investigating the effect of copper cadmium electrode on nickel	J.Jeevamalar S.Bharani Kumar P.Ramugan Suresh K.Senthilnath	MECH	Materials Today Proceedings	2020	1451-1455	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/	SCOPUS
92	Evaluation in 4D Printing - A Review	S.Bharani Kumar J.Jeevamalar P.Ramugan Suresh K.Senthilnath	MECH	Materials Today Proceedings	2020	1433-1437	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/	SCOPUS


 Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

93	Experimental Study On Mechanical Properties of EPDM/NBR Composite using nano clay	N.Ramanujam S.Chockalingam	MECH	Gedrag & Organ isatie	2020	0921-5077	https://www.scimagojr.com/journalsearch.php?q=19900193866&tip=sid&clean=0	https://scholar.google.co.in/scholar?q=Experimental+Study+On+Mechanical+Properties+of+EPDM/NBR+Comp	SCIE
94	Evaluation of Mechanical Properties of Si Saland Bamboo Fibres Reinforced with polymer matrix composites prepared by Compression Moulding	S.Krishnamohan Arulthayammal Ganesan M.Ramarao, Amol L.Mangrulkar, S.Rajesh, Sami AIObaid, Saleh Alfarraj, S,Sivakumar,	MECH	Advanced Material Science and Engineering	2021	3E+06	https://www.hindawi.com/journals/amse/?utm_source=google&utm_medium=cpc&utm_campaign=HDW_MRK_T_GBL_SUB_ADWO_PAI_KEYW_JOUR_AMSE_GENBMM&gclid=Cj0KCQiAqOucBhDrARIsAPCQL1aY6EKD2oJloWRBjci	https://www.hindawi.com/journals/amse/2021/2832149/	SCIE
95	An queuing model with improved delaysensitive medical packet transmissions scheduling	Sundar Raj, A , Chinnadurai, M	ECE	Journal of Ambient Intelligence and Humanized	2021	ISSN: 3493-3504	https://link.springer.com/	https://link.springer.com/article/10.1007/s12652-020-02756-7	SCI-Expanded
96	A metaheuristic segmentation framework for detection of retinal disorders from fundus images using a hybrid	Devarajan, D, Dr. Ramesh, S, M, Dr. Gomathy, B	ECE	Soft Computing	2020	ISSN :13347-13356	https://link.springer.com/	https://link.springer.com/article/10.1007/s00500-020-04753-7	SCI-Expanded

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

97	Optical Attenuation Modelling of PbSe _x S _{1-x} Quantum Dots with Vegard's Law and Brus	Irshad Ahamed, M, Sathish Kumar, K, Edward Anand, E, Sivaranjani, A	ECE	Journal of Ovonic Research	2020	ISSN: 464-8603	https://chalcogen.ro/index.php/journals/chalcogenide-letters?showall=1	http://www.chalcogen.ro/245_AhamedMI20.pdf	SCI-Expanded
98	Energy band gap studies on copper chalcogenide semiconductor nanostructures	Irshad Ahamed, M, Ahamed, M, Sivaranjani, A	ECE	Chalcogenide Letters	2021	ISSN: 464-8603	https://chalcogen.ro/index.php/journals/chalcogenide-letters?showall=1	https://chalcogen.ro/245_AhamedMI.pdf	SCI-Expanded
99	Mobile robots and evolutionary optimization algorithms for green supply chain management	Babu, P, J, S, Padmanaban, T, S, Ahamed, M, I, Sivaranjani, A	ECE	Environment, Development and Sustainability	2020	ISSN: 9110-9138	https://link.springer.com/	https://link.springer.com/article/10.1007/s10668-020-01015-	SCI-Expanded
100	Tour Planning Design for Mobile Robots Using Pruned Adaptive	S. Manikandan	IT	Computers, Materials & Continua	2021	1546-2226	https://www.techscience.com/cmc	10.32604/cmc.2022.016152	SCIE & Scopus
101	AI/ML based Green Home Architecture for Green Score Calculation towards Smart	K. Manikanda Kumaran	IT	KSII Transactions on Internet and Information	2021	1976-7277	http://www.itiis.org/	https://doi.org/10.3837/tiis.2021.07.000	SCIE & Scopus
102	User Interaction Behavior Analysis for Insider Attack Detecting with Deep Belief	A.S. Anakath	IT	Computer Systems Science and Engineering	2021	0267-6192	https://www.techscience.com/csse	10.32604/csse.2021.019940	SCIE & Scopus
103	Computationally efficient and secure anonymous authentication scheme for	A.S. Anakath	IT	Personal and Ubiquitous Computing	2021	1617-4917	https://www.springer.com/journal/779	https://doi.org/10.1007/s00779-021-01566-	SCIE & Scopus

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

104	Effective Energy Adaptive and Consumption in Wireless Sensor Network Using Distributed	S.Manikandan	IT	wireless Personal Communications, Springer	2021	1572-834X	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-08081-3	SCIE & Scopus
105	Prediction of Human Motion Detection in Video Surveillance	S.Manikandan	IT	International Journal of Advanced	2021	2207-6360	http://sersc.org/journals/index.php/IJAST	http://sersc.org/journals/index.php/IJAST/article	Scopus
106	Android-Based Secure and Optimal Authentication Scheme for the Cloud Computing	K.Raju	IT	Computers, Materials & Continua	2021	1546-2226	https://www.techscience.com/cmc	https://doi.org/10.32604/cmc.2021.016068	SCIE & Scopus
107	Effectiveness Of Online Teaching And Learning Process In Semi Urban Areas - An Empirical Statistical Study	Dr.R.Karthi	Department of Management Studies	The Online Journal of Distance Education and Learning	2020-2021	2147-6454	https://tojdell.net/	(PDF) EFFECTIVENESS OF ONLINE TEACHING AND LEARNING PROCESS IN SEMI URBAN AREAS - AN EMPIRICAL STATISTICAL STUDY	UGC
108	Real-Time Video Tracking Framework With Moving Object	Dr.S.AnandKumarVarma	CIVIL	Computational and Bio Engineering	2021	2367-3389	https://journals.sagepub.com/home/bec	https://link.springer.com/chapter/10.1007/978	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

109	Flexural Improvingthe performanceo fmortar	N.Sakthieswa ran	CIVIL	Materials Today :Procee d	2021	2214- 7853	https://www.sciencedirect.com/science/article/pii/S2214785320347623	https://doi.org/10.1016/j.mat	SCOP US
-----	---	---------------------	-------	------------------------------------	------	---------------	---	---	------------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

110	Effect of steel fibre on fracture toughness of	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.279	SCOP US
111	Experimental investigation of sustainable concrete by partial replacement of fine aggregate with treated waste	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.279	SCOP US
112	Experimental study on effect of natural	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.295	SCOP US
113	Natural admixture in blended mortar-	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.278	SCOP US
114	Experimental investigation on strength and properties of natural fibre reinforced	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.279	SCOP US
115	Experimental study on mortar as partial replacement	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.279	SCOP US
116	Experimental study of eco friendly concrete by built with	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.278	SCOP US
117	Effect of micro silica and ground granulated blast furnace slag on	N. Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.278	SCOP US


Dr. S. RAMABALAN, Ph.D.,
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM, TAMILNADU
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM, TAMILNADU, INDIA
Dr. S. RAMABALAN, Ph.D.,



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

118	Experimental investigation of concrete incorporating HDPE plastic waste and meta kaolin	N.Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	https://doi.org/10.1016/j.matpr.2020.06.288	SCOPUS
119	Sustainable Characteristics of Fly Ash Based Geopolymer Concrete Incorporating Alco fine,	N.Sakthieswaran	CIVIL	Romanian Journal of Materials	2021	1583-3186	https://solacolu.chim.upb.ro/indexeng.htm	https://solacolu.chim.upb.ro/pg17-24.pdf	SCIE
120	Prosopis juliflora fibre reinforced green building plaster materials – an eco friendly weed control technique by effective utilization	N.Sakthieswaran	CIVIL	Environmental Technology & Innovation (Elsevier)	2020	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://doi.org/10.1016/j.eti.2020.10.1158	SCIE
121	Effect of fly ash and meta kaolin on the strength and stability Characteristics of Self	N.Sakthieswaran	CIVIL	Romanian Journal of Materials	2020	2457-502X	https://solacolu.chim.upb.ro/indexeng.htm	https://solacolu.chim.upb.ro/pg531-536.pdf	SCIE
122	Improving the performance of mortar containing	N.Sakthieswaran	CIVIL	Materials Today: Proceedings	2021	2214-7853	https://bit.ly/3fetTtp	http://dx.doi.org/10.1016/j.matpr.2020.06.288	SCOPUS
123	Mutual Effect of Coal Bottom Ash and Recycled Fines on	N.Sakthieswaran	CIVIL	Romanian Journal of Materials	2020	2457-502X	https://solacolu.chim.upb.ro/indexeng.htm	https://solacolu.chim.upb.ro/pg395-400.pdf	SCIE

Dr. S. Ramabalan
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

124	Harmonic performance analysis of a wind driven microgrid inverter	Sri Devi Ramanan, Ezhilarasi Arivukkannu, Suresh Padmanabhan Thankappan & Ramaswamy Muthiah	EEE	International Journal of Ambient Energy (a Taylor	2020	0143-0750(Print), 2162-8246(Online)	www.tandfonline.com	https://doi.org/10.1080/01430750.2020.1839547	SCOPUS
125	Design of Linear Quadratic Regulator Based Controller for Hybrid Solar-Wind Driven Micro-Grid Inverter	Sridevi Sukumaran, Ezhilarasi Arivukkannu, Suresh Padmanabhan Thankappan, Ramaswamy Muthiah	EEE	Journal of Green Engineering (SCOPUS indexed) IF:	2020	2245-4586	www.riverpublishers.com	http://www.jgreeneng.com/volume10-issue9.php	SCOPUS
126	Small Signal Perturbation Analysis For Parallel Micro Grid Inverters	Sridevi Sukumaran, Ezhilarasi Arivukkannu, Suresh Padmanabhan Thankappan & Ramaswamy	EEE	International Journal of Advanced Research in Engineering	2020	0976-6480	https://iaemepublication.wordpress.com	DOI: 10.34218/IJA RET.11.9.2020.092	SCOPUS
127	Fuzzy Logic Controller based Zeta Converter for BLDC Motor	A. Senthilnathan Dr.P. Palanivel	EEE	Journal of Advanced Research in Dynamical & Control	2020	ISSN 1943-023X	http://www.jarcds.org	DOI: 10.5373/JARDCS/V12I7/20201992	Scopus
128	Component Count Reduced, Filter-Less H-Bridge Multilevel Inverter with	M Vijayakumar and S.M.Ramesh	EEE	Journal of Circuits, Systems and Comput	2021	0218-1266(Print), 1793-6454(Online)	www.worldscientific.com	https://doi.org/10.1142/S0218126621500523	SCI-E

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

129	Design of Multi-Purpose Charger Using L2 CR resonant Converter	T.Suresh Padmanabhan, M. Vijayakumar, M. Ramesh, and V. Mohan	EEE	Journal of Computational and Theoretical Nanoscience	2021	15461955, 15461963	https://www.ingentaconnect.com/content/asp/jctn	DOI: https://doi.org/10.1166/jctn.2021.9660	Scopus
130	Fault Diagnosis Technique for Replacing Damaged IGBT Device in Induction Motor Drive	G. Ganesan @Subramanian, S. Agathiyan, PIDT. Baladurai kannan, B. Ponmudi	EEE	International Journal of Future Generation Communication and Networking (Web of Science & SCIE)	2020	ISSN: 2233-7857 (Online)	http://serisc.org/journals/index.php/ijfgcn	http://serisc.org/journals/index.php/IJFGCN/article/view/32957	Emerging Sources Citation Index (ESCI)
131	Pseudo-Derivative Feedback Controller for Automatic generation control in a deregulated power system with Hydrogen-Energy storage	G. Ganesan @Subramanian, T. Suresh Padmanabhan, I.A. Chidambaram and B. Paramasivam	EEE	Journal of new materials for electrochemical systems (Science Citation Index Expanded) IF: 0.716	2021	ISSN: 1480-2422 (Print); 2292-1168 (Online)	https://www.iieta.org/Journals/JNMES	https://doi.org/10.14447/jnmes.v24i2.a05	SCI-E


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

132	Anewapproachforcommutationtorque ripple reduction of FPGA based brushless DC motor without going phase current control	A.Senthilnathan, P.Palanivel	EEE	Microprocessor and Microsystems (SCOPUS indexed) (SCIE) IF: 1.525	2020		https://www.sciencedirect.com/science/article/abs/pii/S0141933119307045?via%3Dihub#previous-section-abstract	https://doi.org/10.1016/j.micropro.2020.103043	SCOPUS
133	Synthesis, growth, XRD, NLO, CHNSO, structure by theoretical approach, dielectric, absorbance, photoconductivity and biostudies of 4-(4-Acetyl-5-Methyl-1H-1,2,3-Triazol-1-yl) Benzonitrile crystals for optical, optoelectronic, and photonics utilities	J. Maalmarugan, V.Yokeswaran, R.Divya, H.Ganesan, R.P.Patel, G.Flora, K.SenthilKannan, K.Muruganathan, B.Vijayalakshmi, M. Harisumithkumar, J. JanciArockia Rani, M.Meena.	EEE	Journal of Materials Science : Materials in Electronics (SCI) IF: 2.478	2021	0957-4522	www.springer.com/journal	DOI: 10.1007/s10854-021-05960-0	SCI


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

134	Automated Facial Emotional Valence Detection System Modelling Using Crafted Features and Deep Neural Network	Dr.R.GANESAN	BME	Journal of Medical Imaging and Health Informatics	2021	2156-7018	http://www.aspbs.com/jmihi.html	https://www.ingentaconnect.com/content/asp/jmihi/2021/00000011/000006/art00007	SCI
135	Design and Development of f3D Brain MRI System Using Deep Neural Networks	Dr.R.GANESAN	BME	Journal of Medical Imaging and Health Informatics	2021	2156-7018	http://www.aspbs.com/jmihi.html	https://www.sciencedirect.com/science/article/pii/S2214785321033927	SCI
136	Computer aided tuberculosis	Dr.R.GANESAN	BME	Materials Today	2021	1369-7021.	https://www.sciencedirect.com/journal/materials-today	https://www.sciencedirect.com/science/article/pii/S2214785321035239	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

137	Surveyon compactdual –Bandstop frequency selective surfacefor shielding application	Dr.R.GANES AN	BME	Materia ls Today	2021	1369-7021.	http://www.aspbs.com/jmihi.html	https://www.sciencedirect.com/science/article/pii/S2214785321035239	SCOP US
138	Automated detectionand classification ofbreast cancernuclei withdeep	Dr.R.GANES AN	BME	JICT	2021	2180-3862	http://www.jict.uum.edu.my/	https://journals.itb.ac.id/index.php/jicttra/article/view/15799	SCI
139	ANovelApproachforeffectivesolutionof quadratic programming problemsin fuzzy Environment.	Thangaraj BeaulaSeethaR	Maths	Journal ofCardiovascularDiseaseResearch	FEB-21	09762833	https://www.jcdronline.org/	https://www.scopus.com/sources.uri#:~:text=Journal%20of%20Cardiovascular%20Disease%20Research	ugc


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

140	A new approach to Fuzzy Unconstrained Nonlinear Programming Problems	Thangaraj Beula Senthil R	Maths	Kala Sarovar (Printed Version only)	DEC-20	09754520	http://kalasarovarjournal.com/	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101051048&flag=Search#:~:text=UGC%2DCARE%20List,-Home	ugc
141	Nonlinear programming with Trapezoidal Intuitionistic Fuzzy Parameters	Thangaraj Beula Senthil R	Maths	Malaya Journal of Mathematics	NOV-20	23215666	https://www.malayajournal.org/	Discontinued from April 2021 (UGC Care)	


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

142	Method to find Extremum value of fuzzy nonlinear equations	Thangaraj Beula Senthil R	Maths	International Journal of analytical experimental modal analysis	AUG-20	08869367	https://ijaema.com/	https://www.scopus.com/sourceid/96386#:~:text=The%20International%20journal%20of%20analytical%20experimental%20modal%20analysis	scopus
143	Some Properties of Bipolar Fuzzy Soft Digraph	Sarala N Tharani S	Maths	Infokara Research	JUL20	10219056	https://infokara.com/	https://www.scopus.com/sourceid/17700155305#:~:text=Compare%20sources-InfoKara,-Continued%20as%3ARevue%20Internationale	scopus

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

144	Opticlattenuationmodellin gofPbSexS1- xquantumdot swithvegards lawandbruse quationuse	M.I.Ahamed K.S.Kumar E.E.Anand A.Sivaranjani	Physics	Journal ofOvon icResea rch	'AUG20	18422 403	https://chalcogen.ro/index.php/journals/journal-of-ovonic-research	https://www.scopus.com/sourceid/21100206004#:~:text=Journal%20of%20Ovonic%20Research	SCIE
145	InfluenceofNi additiononAb rasivewearbeh aviourofplasm a- sprayedDuple xstainlesssteel coatings	EEdward Anand K Balasubramani an	Physics	IOP Confere nceSerie s:Mate rialsSci encean dEngine ering	APRIL-21	17578 99X	https://iopscience.iop.org/journal/1757-899X	https://www.scopus.com/sourceid/19700200831#:~:text=IO P%20C onferen ce%20S eries%3 A%20 Materia ls%20S cience %20an d%20E ngineeri ng	scopus

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

146	On the Corrosion behavior of 4A and 5A cast duplex stainless steel under different treatment conditions	E Edward Anand CGopi N Moorthy J Prince Richard	Physics Chemistry	IOP Conference Series: Materials Science and Engineering	APRIL-21	17578-99X	https://iopscience.iop.org/journal/1757-899X	https://www.scopus.com/sourceid/19700200831#:~:text=IOP%20Conference%20Series%3A%20Materials%20Science%20and%20Engineering	scopus
147	High-Speed Reconfigurable FIR Filter using Russian Peasant Multiplier with Sklansky and Han Carlson Adders	Chinnadurai, M, Parthasaradi, V, Sundar Raj, A	ECE	Design Engineering	2020	ISSN: 0011-9342	https://ores.su/en/journals/design-engineering-toronto/	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=1Tt0kqsAAAAJ&citation_for_view=1Tt0kqsAAAAJ:hFO9nPyWt4C	scopus

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

148	Use case on Robust Visual Tracking via Neuro Fuzzy Inference System for Societal communities	Nuthal Srinivasan, R. Sudha, R. Irshad Ahmed, M. Sundar Raj, A.	ECE	High Technology .Lett	2020	ISSN: 1006-6748	https://gjstx-e.cn/	https://www.researchgate.net/profile/A-Sundar-Raj/publication/344362584_Use_case_on_Robust_Visual_Tracking_via_Neuro_Fuzzy_Inference_System_for_Societal_communities/links/5f6c6397299bf1b5	scopus
149	Segmentation of Blood Vessels in Retinal Fundus Images for Early Detection of Retinal Disorders: Issues and Challenges	Devarajan, d, Ramesh, s, m	ECE	Springer International Publishing	2020	ISSN: 0967-0912	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-3-030-41862-5_122	


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

150	WITHDRAWN: Chaotic based encryption algorithms for speech signal and cryptographic requirements: A brief survey	Pushpalatha, G, S, S, Ramesh, S	ECE	Materials Today: Proceedings	2021	ISSN: 2090-1224	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/pii/S2214785321003333	scopus
151	Effect of Surface Condition on the Torsional Fatigue Behaviour of 20MnCr5 Steel	S. Ramesh, S. Natarajan, V. J. Sivakumar	ECE	Metals and Materials International	2020	ISSN: 0967-0912	https://link.springer.com/	https://link.springer.com/article/10.1007/s12540-020-00658-0	scopus
152	An enhanced design and random optimization for oversampling $\Delta\Sigma$ modulator	Dr. S. Kannan	CSE	Springer Journal of Ambient Intelligence and Humanized Computing	2021	ISSN: 1868-5145	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-022-04257-2	SCIE
153	Analysis of Energy efficient and network traffic delay in wireless networks using channel aware routing.	Dr. R. Manivannan	CSE	Emerging Telecommunications Technologies, WILEY publication	2020	ISSN: 2161-3915	https://onlinelibrary.wiley.com/journal/21613915	https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.4089	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

154	An queueing model with improved delays sensitive medical packet transmission scheduling system in health networks	A Sundar Raj, M Chinnadurai	CSE	Journal of Ambient Intelligence and Humanized Computing	2021	ISSN: 1868-5145	https://link.springer.com/	https://doi.org/10.1007/s12657-020-02756-8	SCIE
155	Mobile robots and evolutionary optimization algorithms for green supply chain management in a used-car resale company	V Sathiyaraj, MC Chinnadurai, S Ramabalan, A Andrea Appoloni	CSE	Environment Development and Sustainability	2021	ISSN: 1387-585X	https://link.springer.com/	https://doi.org/10.1007/s10668-020-01015-2	SCIE
156	Predicting unwanted user in social communities using machine Learning Techniques	R. Ramya, S. Kannan, M. Chinnadurai	CSE	International Research Journal of Modernization in Engineering and Technology and Science	2021	e- ISSN: 2582-5208	http://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_1_january_2021/5999/1628083246.pdf	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

157	Effective energy adaptive and consumption in wireless sensor network using distributed source coding and sampling techniques	S Manikandan, M Chinnadurai	CSE	Wireless Personal Communications	2021	ISSN: 1572-834X	https://www.springer.com	https://doi.org/10.1007/s11277-021-08081-3	SCIE
158	Cloud-based robotics system for crowd control in smart cities using hybrid intelligent general algorithm	Dr.M. Chinnadurai	CSE	Journal of Ambient Intelligence and Humanized Computing, Springer	2020	ISSN: 1868-5145	https://www.springer.com/journal/12652	https://doi.org/10.1007/s12652-020-01758-w	SCIE
159	A competent and- hoc sensor routing protocol for energy efficiency in mobile wireless sensor networks	KManikanda Kumaran, M Chinnadurai	CSE	Wireless Personal Communications	2020	ISSN: 1572-834X	https://link.springer.com/	https://doi.org/10.1007/s11277-020-07741-0	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

160	Prediction of human motion detection in video surveillance environment using sensor flow	S Manikandan, M Chinnadurai, MP Thiruvengatasuresh, MSivakumar	CSE	International Journal of Advanced Science and Technology	2020	ISSN: 2207-6360	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/11386	SCIE
-----	--	--	-----	--	------	-----------------	---	---	------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

161	Computational analysis of LPN PTH anisotropies of ordermentiaf or Alzheimer's syndrome by DFT and molecular harmonic	K.SenthilKannan, P. Thamar aikannan, S.K. annan	CSE	AIP Conference Proceedings	2020	ISSN:0094-243X	https://aip.scitation.org/doi/abs/10.1063/5.0019331	https://doi.org/10.1063/5.0019331	Scopus
162	Hybridized Model with Activity Load Adjusting and QoS for Wi-Fi Network System	S.Praveen; Balamurugan, S.Appavualias; Kannan, S	CSE	Intelligent Automation & Soft Computing	2021	ISSN:2326-005X	https://www.techscience.com/journal/iasc	https://www.techscience.com/journal/iasc/v27n2/41243	SCIE
163	STUDY OF MECHANICAL BEHAVIOR OF ZEA-COIR HYBRID POLYESTER COMPOSITES	N.S.Balaji S. Chockalingam S.Ashokraj d.simmons.jayabal	Mech	Materials Today Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785319332997	SCOPUS
164	EXPERIMENTAL DESIGN AND ANALYSIS OF DOMESTIC WINDMILL BLADES	s.k.krishnakumar sivaram.a.rkrishnamohan .s janarthana	Mech	IJMPE RD	2020	2249-6890	https://journals.indexcopernicus.com/research/details?id=45150	http://www.tjprc.org/publishers/267-1585630104-77.IJM PERDA PR202077.pdf	SCOPUS

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

165	OPTIMIZATION OF FRICT ION WELDING PARAMETERS IN LAMINATED MATERIALS USING TAGUCHI'S METHOD	N.Ramanjams .krishnamohan	Mech	International Journal of Advanced Science and Technology	2020	2005-4238	http://sersc.org/journals/index.php/IJAST	http://lemma-tijdschriften.com/gallery/goj-1701.pdf	SCOP US
166	Chatter control and stability analysis in cantilever boring bars using FEA methods	Chockalingam Singaravelu Ramabalan S. Govindan K.	Mech	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	Chatter control and stability analysis in cantilever boring bars using FEA methods	SCOP US
167	EXPERIMENTAL INVESTIGATION OF MECHANICAL BEHAVIOUR OF AL7075 ALLOY REINFORCED WITH HB4CMMC	s.k.krishnamoorthy s.R.Sundar sivaram.a.r Rajavel R	Mech	IJMPE RD	2020	2249-6890	https://journals.indjournals.com/search/details?id=45150	http://www.tjprc.org/publishers/2-67-158540-0359-62.IJMPE.RDFEB202062.pdf	SCOP US


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

168	Email: principal@egspec.org	website: www.egspec.org			Ph: 04365-251112	
	Study of mechanical and thermal behaviour of zeolite hybrid polymer composites	N.S. Balajia Chockalingam S. Ashokraj D. Simsona S. Jayabal	Mech	Materials Today: Proceedings	2020	https://www.researchgate.net/publication/333018471_Material_Removal_Rate_and_Tool_Materials-Research_on_Machining_of_Inconel_718_using_Electrical_Disc https://www.scienceandtechnologyjournal.com/journal-2214-SCOP7353-today-Wear_US_proceedings
169	TOOLWEAR RATE ON INCONEL 718 USING WEDGED ELECTRIC DISC DRILLING	j.jeevamalar r.vimalrajm.vigneshwaran g.vignesh	Mech	IJITEE	2020	https://www.researchgate.net/profile/J-Jeevamalar https://www.ijitee.org/


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

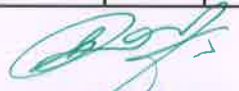
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

170	EVALUATION OF CROSS LINK DENSITY USING MATERIAL CONSTANTS OF ETHYLENE-PROPYLENE-DIENE MONOMER/STYRENE – BUTADIENE RUBBER WITH DIFFERENT ANOCLAY LOADING: FINITE ELEMENT ANALYSIS – SIMULATION AND EXPERIMENTAL.	vishvanath perumal navaneetha krishna opalakannans	Mech	ADVANCED SCIENCE ENGINEERING AND MEDICINE	2020	632-642	http://www.aspbs.com/asem/	https://www.ingentacollect.com/content/asem	SCOPUS
171	Studies on Cu ₂ SnS ₃ quantum dots for O-band wavelen detection	Irshad Ahmed, M, Kumar, K, S,	ECE	Materials Science Poland	2019	ISSN: 2617-3735	https://www.scihorizon.com/	http://scholar.google.com/scholar?cluster=10710574664359871905&hl=en&oi=scholar	SCI-Expanded


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

172	Optimal autonomous mobile robot motion planning for green logistics	Sathiya, V & Chinnadurai, M	ECE	International Journal of Productivity and Quality Management	2019	ISSN: 1746-6474	https://www.inderscienceonline.com/	https://www.inderscienceonline.com/doi/abs/10.1504/IJPQM.2019.102442	SCI-Expanded
173	Multiple input and multiple output and energy-aware peer-to-peer routing protocol for energy consumption in sensor networks	Sundar Raj, A, Chinnadurai, M	ECE	International Journal of Communication Systems	2019	ISSN: 1467-6281	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4267	SCI-Expanded
174	Energy efficient routing algorithm in wireless body area networks for smart wearable patches	Sundar Raj, A, Chinnadurai, M	ECE	Computer Communications	2020	ISSN: 2045-2322	https://www.sciencedirect.com/journal/information-sciences	https://www.sciencedirect.com/science/article/abs/pii/S0140366419315373	SCI-Expanded
175	A metaheuristic optimization model for spectral allocation in cognitive networks based on ant colony algorithm (M-ACO)	Dr. Padmanaban, B, Sathiya moorthy, S	ECE	Soft Computing	2020	ISSN: 15551-15560	https://link.springer.com/	https://dl.acm.org/doi/abs/10.1007/s00500-020-04882-z	SCI-Expanded


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

176	Enhanced data accuracy based PATH discovery using backin grouteselection algorithm in MANET	Premanand ,R,P& Rajaram,A	ECE	Peer-to-Peer Networking and Applications	2020	ISSN: 2089-2098	https://link.springer.com/	https://link.springer.com/article/10.1007/s12083-019-00824-1	SCI-Expanded
177	An enhanced design and random optimization for oversampling $\Delta\Sigma$ modulator	Kalaipoonguzhali,V, Kannan,S	ECE	Journal of Ambient Intelligence and Humanized Computing	2020	ISSN: 5751-5762	https://link.springer.com/	https://link.springer.com/article/10.1007/s12652-020-02106-8	SCI-Expanded
178	Evaluation of Students' Performance in Educational Sciences and Prediction of Future Development using TensorFlow	S.Manikandan	IT	International Journal of Engineering Education	2020	0949-149X/91	https://www.ijee.ie	https://www.ijee.ie/contents/c360620.html	SCIE & Scopus
179	A Competent Ad-hoc Sensor Routing Protocol for Energy Efficiency in Mobile Wireless Sensor Networks	K.Manikanda Kumaran	IT	Wireless Personal Communications, Springer	2020	1572-834X	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-07741-0	SCIE & Scopus


Dr. S. RAMABALAN, M.E., Ph.D.
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

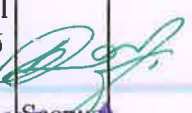
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

180	AnovelRSAAlgorithmfors ecuredkeytra nsmissionina centralizedcl oudenvironm ent	A.S.Anakath	IT	Internat ionaljo urnalof Commu nication System	2020	1074- 5351	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4280	SCIE &Scopus
181	RealTimeTraf ficFlowPredic tionandIntelli gentTrafficCo ntrolfromRem oteLocationfo rLarge- ScaleHeteroge neousNetwor kingusingTen sorFlow	S.Manikandan	IT	Internat ionalJo urnalof Future Generat ionCom municat ionand Networ king	2020	2233- 7857	http://sersc.org/journals/index.php/IJFGCN/article/view/7557/4410	WoS
182	Cloud-based roboticsystem forcrowd controlin smartcities usinghybrid intelligent generic algorithm	K.Manikanda Kumaran	IT	Journal of Ambien t Intellige nceand Humani zed Comput ing, Springe r	2020	1868- 5145	https://www.springer.com/journal/1262-020-01758-w	SCIE & Scopus
183	AComparison surveypaper onBlock chain technology, Bitcoinand Ethereum	R.Lavanya	IT	Internat ional Journal of Psychos ocial Rehabil itation	2020	1475- 7192	https://www.psychosocial.com	SCOPUS


D. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

184	Prediction of Dengue Fever Using Intelligent Classifier	M. Ganthimathi Dr.M. Thangamani C.Mallika V. Prasanna Balaji	MCA	International Journal of Emerging Trends in Engineering Research	2019-2020	ISSN (Online): 2347-3983	http://www.warse.org/IJETER/	https://doi.org/10.30534/ijeter/2020/65842020	UGC
185	Privacy Protected Medical Data Classification in precision medicine using an Ontology-based Support Vector Machine in the Diabetes Management System	C.Mallika Dr. S.Selvamutthukumar	MCA	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-2020	ISSN: 2278-3075 (Online)	www.ijitee.org	DOI: 10.35940/ijitee.A1068.1191519	Scopus Indexing
186	A Study on Employee Engagement in the Ancillary Industries of BHEL at Tiruchirappalli	Dr. B. Asha Daisy	MBA	Studies in Indian Place Names	2019-2020	2394-3114	https://www.tpnindia.org/	Research Article.pdf	UGC


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

187	A Study on Employee Motivation and Engagement with special reference to Ancillary Industries of BHEL	Dr. B. Asha Daisy		International Journal of Advanced Science & Technology	2019-2020		2005-4238	http://sersc.org/journals/index.php/IJAST/index	Research Article (1)	SCOPUS
188	Effect of Elevated Temperatures on The Properties of Nano Alumina Modified Concrete Containing Zircon Sand as Fine Aggregate	N. Sakthieswaran	CIVIL	Romanian Journal of Materials	2020	ISSN: 15833186	https://solacolu.cchim.upb.ro/index-eng.htm	https://www.proquest.com/openview/3fcd3d57170120f68ca91c3cf7fda0db/1?pq-origsite=scholar&cbl=1216365		SCIE
189	Copper Slag-Silica Fume blended fibre Concrete - An Eco-friendly Heat alternative for conventional Cement Concrete	N. Sakthieswaran	CIVIL	Romanian Journal of Materials	2020	ISSN: 15833186	https://solacolu.cchim.upb.ro/index-eng.htm	https://solacolu.cchim.upb.ro/pg81-89.pdf		SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

190	Experimental study on Fibre and Fly Ash based interlocking bricks	T. Adhavanathan, T. Neelaveni, R.	CIVIL	South Eastern University of Sri Lanka, University Park, Oluvil, Sri Lanka GIS Science	2019	978-955-627-189-8	http://ir.lib.seu.ac.lk/handle/123456	http://ir.lib.seu.ac.lk/handle/123456789/3921	UGC
191	Optimised domestic loads scheduling for power management in smart grid	R. Anandaraj, A. Albertmar tinruban, N. Rajeswari, K. Nithya.	EEE	eJournal (UGC) IF: 0.10	2020	1869-9391 vol.7, no.9, pp:329-334, 2020	www.gisscience.	DOI: 2018001.GSJ.2020. V7I9.203	UGC 357
192	Normally Bypassed Cascaded Source Multilevel Inverter with RGA Optimization for Reduced Output Distortion and Formulaic Passive Filter Design	Chitrakala, G, Stalin, N & Mohan, V,	EEE	Journal of Circuits, Systems, and Computers (JCSC) (SCIE) IF: 1.278	2020	0218-1266 (print), 1793-6454 (Online)	www.worldscientific.com	https://www.worldscientific.com/doi/abs/10.1142/S0181266205019X	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

193	Cascaded Multilevel Inverter With MPPT For PV System	R. Anandaraj, R. Natarajan, M. Vijayakumar, T. Suresh Padmanabhan, V. Mohan	EEE	GIS Science Journal (UGC) IF: 0.10	2020	1869-9391	www.gisscience.net	DOI: 2018001.1.GSJ.2020.V7I9.2035731	UGC
194	Fuzzy alpha triangular Superopen sets in fuzzy Topological Spaces	Dr. R. Deepa	Mathematics	International journal of Grid and Distributed Computing	2019	2005-4262	https://nadiapub.com/journals/ijgcd/	http://ersc.org/journals/index.php/IJGDC/article/view/4677/3040	UGC Care
195	Certain Investigation on Fuzzy Soft Graph	R. Deepa	Mathematics	The International journal of analytical and experimental modal analysis	2019	ISSN NO: 0886-9367	https://ijaema.com/	DOI: 18.0002.IJAE.MA.2019.V11I10.208301.3671	UGC Care


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

196	Application Of Complex Intuitionistic Fuzzy Soft Graph In Decision Support System For Mobile Commerce	R.Deepa	Mathematics	International Journal for Research in Engineering Application & Management (IJREAM)	2019	ISSN :2454-9150	https://www.ijream.org/IJREAM_V05I06.html	UGC Care
197	Application of intuitionistic fuzzy soft graph in medical diagnosis	R.Deepa	Mathematics	International journal of basic and applied research ISSN 2249-3352(P)2278-0505 (E)		ISSN 2249-3352(P)2278-0505 (E)	http://www.pragati-publication.com/assets/uploads/doc/6fd5f696-711.17104.pdf	UGC Care
198	A detailed investigation and analysis of fuzzy soft graphs in social network	R.Deepa	Mathematics	Journal of Interdisciplinary Cycle Research	Okt.19	ISSN NO:022-1945	https://jicrjournal.com/	DOI:18.0002.JICR.2019.V11I10.008301.26964 UGC Care

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

199	On solving intuitionistic fuzzy quadratic programming problem without introducing artificial variables	R. Vidhya	Mathematics	American International Journal of Research in Science, Technology, Engineering & Mathematics	Jän.19	ISSN 2328-3580	https://portal.issn.org/resource/ISSN/2328-3580	https://www.iasir.net	UGC Care
200	On interval arithmetic operations within intuitionistic fuzzy numbers for solving an intuitionistic fuzzy multi-objective linear programming problem	R. Vidhya	Mathematics	American International Journal of Research in Science, Technology, Engineering & Mathematics	Feb.19	ISSN 2328-3580	https://portal.issn.org/resource/ISSN/2328-3580	https://www.iasir.net	UGC Care


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

201	Application of Fuzzy Soft digraph in decision making	S.Tharani	Mathematics	International journal of basic and applied research	Volume 9 Issue 7 (July 2019)	e-ISSN: 2278-0505	https://portal.issn.org/resource/ISSN/2278-0505	http://www.pragatipublication.com/assets/uploads/doc/449c5-662-673.17117.pdf	UGC Care
202	Bipolar Fuzzy Soft Digraph	S.Tharani	Mathematics	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume 8 Issue 12 (October 2019)	ISSN: 2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i3/C5528098319.pdf	UGC Care
203	Intuitionistic Fuzzy Soft Digraph	S.Tharani	Mathematics	The International journal of analytical and experimental modal analysis,	Volume XI Issue XI (November 2019)	ISSN: 0886-9367	https://ijaema.com/	DOI: 10.18001/IJAE.MA.2019.V11.I11.200001, 01080	M.Sc, Ph.D., UGC Care

Dr. S. RAMABHADRAN, M.Sc, Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

204	Regular Intuitionistic Fuzzy Soft Dominating Digraph	S.Tharani	Mathematics	The International journal of analytical and experimental modal analysis	Volume XIII Issue VI, June/2020	ISSN: 0886-9367	https://ijaema.com/	DOI:18.0002 IJAE MA.20 20.V1 2I6.20 0001.0 15685 8905	UGC Care
205	Implementation of Fuzzy soft digraph in Genetic eye and hair colour	S.Tharani	Mathematics	Journal of XIADIAN UNIVERSITY	2020	ISSN: 1001-2400	https://xadzkjdx.cn/	https://doi.org/10.37896/jxu14.4/327	UGC Care
206	Intuitionistic Fuzzy soft digraph in Road Safety Measures	S.Tharani	Mathematics	A JOURNAL OF COMPOSITION THEORY	2020	ISSN: 0731-6755	https://jctjournal.com/	DOI:20.1800 1.AJC T.2020 V13I6 20.10 01369	UGC Care
207	Some Properties of Bipolar Fuzzy Soft Digraph	S.Tharani	Mathematics	INFOKARA RESEARCH ARCH	2020	ISSN: 1021-9056	https://infokara.com/	DOI:16.1008 9.IR.2 020.V 9I7.28 5311.3 753	UGC Care
208	Some Characterization of fuzzy strongly upper closed sets in Topological Spaces	Dr.R.Deepa	Mathematics	International journal of control and Automation	2020	2005-4297	http://scrs.org/journals/index.php/IJCA/	http://scrs.org/journals/index.php/IJCA/article/view/5133	UGC Care



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

209	REGULAR INTERVAL-VALUED INTUITIONISTIC FUZZY SOFT GRAPH	R.Deepa	Mathematics	The International journal of analytical and experimental modal analysis	2020	ISSN NO:0886-9367	https://ijaema.com/	DOI:18.0002.IJAE MA.20 20.V1 2I1.20 0001.0 15077	UGC Care
210	The Arithmetic Edifices of Strength of Connectedness in Intuitionistic Fuzzy Soft Graphs	R.Deepa	Mathematics	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOL 9, ISSUE 02,	Feb.20	ISSN 2277-8616	https://www.ijstr.org/	https://www.ijstr.org/research-paper-publishing.php?month=feb2020	UGC Care
211	Structural optical and magnetic behaviour of doped ZnO Nanoparticle prepared by solid state method	B.Sathish Kumar	Physics	materials today proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	doi.org/10.1016/j.matpr.2020.09.376	Scopus

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

212	ASocialandCiv ilizedNeedyo fSmartandSelf RegulatingDig italNoticeboar dSystemsUsin gRaspberryPi	Dr.SundarR aj,A,Keerthi ka,R,AroulE manuelJose ph,A,Aadhir ai,S	ECE	HighTe chnolog yLetters	2020	ISSN: 1006- 6748	https://gjstx-e.cn/	https://www.researchgate.net/publication/344362618_A_Social_and_Civilized_Needy_of_Smart_and_Self-Regulating_Digital_Noticeboard_Systems_Using_Raspberry_Pi	Scopus
-----	---	--	-----	-------------------------------	------	------------------------	---	---	--------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

213	A Study On Various Vlsi Architectures For Multi User Wireless Communication Systems	<u>Ganesan@</u> <u>Subra</u> <u>manian,G,Jim</u> <u>Hawki</u> <u>nson,SRames</u> <u>h,S,M</u> <u>Sundar</u> <u>Raj,A</u>	ECE	Journal of Xidian University	2020	ISSN NO:1001-2400	https://xadzkdjdx.cn/	https://www.researchgate.net/publication/344363085_A_STUDY_ON_VARIOUS_VLSI_ARCHITECTURES_FOR_MULTI_USER_WIRELESS_COMMUNICATION_SYSTEMS
-----	---	---	-----	------------------------------	------	-------------------	---	---

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

214	RegulationOf WaterInAgric ultureFieldUs ingInternetOf Things	KalaiSelvan,R ,SundarRaj,A	ECE	Journal ofXidia nUnive rsity	2020	ISSN NO:1 001- 2400	https://xadzkdjdx.cn/	https://www.researchgate.net/publication/344363075 <u>REGULATION OF WATER R IN AGRICULTURE FIELD USING INTERNET OF THINGS</u>
-----	--	-------------------------------	-----	---------------------------------------	------	------------------------------	---	---


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

215	Prevention And Identification Of Electrical Transmission Line Breaking Using Gsm Technology	Dr.Sundar Raj, A, Muthulakshmi, D, Durgalakshmi, B	ECE	Journal of Xidian University	2020	ISSN NO: 1001-2400	https://xadzkiidx.cn/	https://www.researchgate.net/publication/344363093 PREVENTION AND IDENTIFICATION OF ELECTRICAL TRANSMISSION LINE BREAKING USING GSM TECHNOLOGY	Scopus
-----	---	--	-----	------------------------------	------	--------------------	---	--	--------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

216	Weather Station Update Using Renewable Energy Source	Dr.SundarRaj ,A,JimHawki nson,S,Madh umitha,M	ECE	Journal ofXidia nUnive rsity	2020	ISSN NO:1 001- 2400	https://xadzkdjdx.cn/	https:// www.re searchg ate.net/ publicat ion/344 363330 WEA THER STATI ON UP DATE USING RENE WABL E ENE RGY S OURC E	Scopus
-----	--	--	-----	---------------------------------------	------	------------------------------	---	--	--------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

217	Polymer SensorT- ShirtForSleepi ngDisordered BreathingPati entMonitoring UsingIoTTech nology	Dr.Sundar Raj,A,CHITR A,S,KALAIV ANIS	ECE	Journal ofXidia nUnive rsity	2020	ISSN NO:1 001- 2400	https://xadzkdjdx.cn/	https://www.researchgate.net/publication/344363163 POLY MER S ENSOR T- SHIRT FOR SLEEPI NG DI SORDE RED B REAT HING PATIE NT M ONITO RINGU SING I OT TE CHNO LOGY	Scopus
-----	---	--	-----	---------------------------------------	------	------------------------------	---	--	--------


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

218	Rehabilitated Solar Power Consumed Utilitarian Charging Device For Mobile Phone Using Abd	Jim Hawkins, Dr. Sundar Raj, A, Prabhavathy, B	ECE	International Journal of Psychosocial Rehabilitation	2020	ISSN: 1475-7192	https://psychosocial.com/	https://www.researchgate.net/publication/344362786 REHABILITATED SOLAR POWER CONSUMED UTILITARIAN CHARGING DEVICE FOR MOBILE PHONE USING ABD?enrichId=rireq-	Scopus
219	Performance validation of clustering algorithms using selection of attributes and application of filters in terms of data reduction	Dr.M. Chinnadurai	CSE	Concurrency Computation Practices and Experience	2019	ISSN: 1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.5364	SCIE

(Signature)
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

220	Optimal autonomous mobile robot motion planning for green logistics	Dr.M. Chinnadurai	CSE	International Journal of Productivity and Quality Management	2019	ISSN: 1746-6482	https://www.inderscienceonline.com/journal/ijpqm	https://www.inderscienceonline.com/doi/abs/10.1504/IJPQM.2019.102442	SCOPUS
221	Evolutionary Algorithms-Based Multi-Objective Optimal Mobile Robot Trajectory Planning	Dr.M. Chinnadurai	CSE	Robotica	2019	ISSN: 1469-8668	https://www.cambridge.org/core/journals/robotica	https://doi.org/10.1017/S026757471800156X	SCIE
222	Energy efficient routing algorithm in wireless body area networks for smart wearable patches	Dr.M. Chinnadurai	CSE	Computer Communications, Elsevier	2020	ISSN 0140-3664	https://www.sciencedirect.com/journal/computer-communications	https://doi.org/10.1016/j.comcom.2020.01.069	SCIE
223	Intext mining: detection of topics and sub-topics using multiple spider hunting model	E.Elakiya	CSE	Journal of Ambient Intelligence and Humanized Computing, Springer	2019	ISSN: 3571-3580	https://www.springer.com/journal/12652	https://doi.org/10.1007/s12652-019-01588-5	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

224	Onion Routing in Anonymous Network	K. Balasubramanian Dr. S. Kannan	CSE	Applied Mathematics & Information Sciences	2019	ISSN 2325-0399	https://www.naturalpublishing.com/show.asp?JorID=1&pgid=0	http://dx.doi.org/10.18576/amis/13S126	SCOPUS
225	Electronic transport, HOMO-LUMO and computational studies of CuSm monowire for nanodevices fabrication by DFT approach	Dr. S. Kannan Dr. M. Chinnadurai	CSE	Materials Today: Proceedings. ScienceDirect, Elsevier	2020	ISSN: 2352-9407	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2020.01.574	SCIE
226	Comparison of adsorption energy, ionization affinity of CuS-ACT and CuS-Nit nanostructures monowire for nanodevice fabrication by computational approach	Dr. M. Chinnadurai	CSE	Materials Today: Proceedings Publisher, Elsevier	2020	ISSN: 2352-9407	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2020.01.579	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

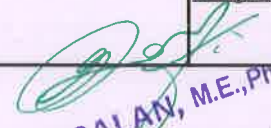
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

227	RealTimeTrafficFlowPredictionandIntelligentTrafficControlfromRemoteLocationforLarge-ScaleHeterogeneousNetworkingusingTensorFlow	Dr.M. Chinnadurai	CSE	International Journal of Future Generation Communication and Networking	2020	ISSN: 2233-7857	http://sersec.org/journals/index.php/ijfgcn	http://sersec.org/journals/index.php/IJFGCN/article/view/7557/4410	ESCI
228	Detecting and avoiding the stress level by user through social networks (D CNN classifier)	Dr.T.Ganesan	CSE	AEGAEUM journal	2020	ISSN:0776-3808	http://www.aegaeum.com/	http://www.aegaeum.com/gallery/agm-j-2520.92-f.pdf	UGC CARE LIST
229	A survey on Tensor based outlier detection methodologies in internet of things.	Dr.N.Murali	CSE	High Technology Letters	2020	ISSN:1006-6748	https://gjstx-e.cn/	http://www.gjstx-e.cn/gallery/45-sep2020.pdf	SCOPUS
230	Retinal Ophthalmology disease prediction using convolutional neural network in ocular fundus images	Mrs.K.Kalaivani Dr.M.Chinnadurai Mr.P.Thamarikannan	CSE	AEGAEUM journal	2020	ISSN:0776-3808	http://www.aegaeum.com/	http://www.aegaeum.com/gallery/agm-j-2580.12-f.pdf	UGC CARE LIST


Dr. S. RAMABALAN, M.E., Ph.D.
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

231	<p>An efficient approach to data privacy</p> <p>maintenance of trust and recommendation in social networks using algorithms.</p>	Mr. A. Baskar	CSE	AEGA EUM journal	2020	ISSN: 0776-3808	http://www.aegaeum.com/	http://aegaeum.com/gallery/agm.j-2465.48-f.pdf	JGC CARE LIST
232	<p>Parametric strategies for anomaly identification in traffic</p>	Mr. K. Balasubramanian Dr. S. Kannan	CSE	AEGA EUM journal	2020	ISSN: 0776-3808	http://www.aegaeum.com/	http://aegaeum.com/gallery/agm.j-2641.73-f.pdf	UGC CARE LIST
233	<p><u>Recognition And Investigation Of Listening In Anonymous Communication Systems</u></p>	Mr. K. Balasubramanian Dr. S. Kannan	CSE	AEGA EUM journal	2020	ISSN: 0776-3808	http://www.aegaeum.com/	http://aegaeum.com/gallery/agm.j-2642.74-f.pdf	JGC CARE LIST
234	<p>Scheduled the permanent and best possible highest throughput of WPC with multiple reception capacity</p>	Mr. S. Praveenkumar	CSE	High Technology Letters	2020	ISSN: 1006-6748	https://girstx-e.cn/	http://girstx-e.cn/gallery/49-sep2020.pdf	SCOPUS
235	<p>Authentication and key management with session based Automated key update</p>	Mr. M. Markco	CSE	High Technology Letters	2020	ISSN: 1006-6748	https://girstx-e.cn/	http://girstx-e.cn/gallery/46-USep2020.pdf	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

236	Dynamic Monitoring of Evolved multimedia broadcast/multicast services (eMBMS) in LTE-advanced multicast System	Mr.G.Arulselvan	CSE	Journal of Xidian University	2020	ISSN NO:1001-2400	https://xadzkjdx.cn/	https://doi.org/10.37896/jxul.4.5/526	UGC CARE LIST
237	Component-Based Framework For Exchanging Information In Blockchain Using Sepse	Dr.R.Manivannan Mr.K.Balashubramanian Mr.M.Markco	CSE	High Technology Letters	2020	ISSN:1006-6748	https://gjstx-e.cn/	http://gjstx-e.cn/gallery/48-sep2020.pdf	SCOPUS
238	Intelligent and deep learning approach of OT measurement in online distance education	Dr.M.Chinnadurai	CSE	The Online Journal of Distance Education and Learning	2019	ISSN 2147-6454	https://tojdel.net/	http://www.tojdel.net/journals/toidel/volumes/tojdel-volume07-103.pdf#page=57	UGC CARE LIST
239	IDSMA: An integrated digital signature and mutual authentication mechanism for securing the cognitive radio networks	Dr.S.Appavu Alias Balamurugan	CSE	International Journal of Communication Systems	2019	ISSN: 1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.4289	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

240	Multilabel learning approaches for multispecies avifaunal occurrence modeling: a case study of southeastern Tamil Nadu.	Dr.S.Appavu Alias Balamurugan	CSE	International journal of business intelligence and data mining	2019	ISSN 1743-8195	https://www.inderscienceonline.com/journal/ijbidm	https://doi.org/10.1504/IJBIDM.2019.102804	SCIE
241	Lifetime Maximizing Dynamic Energy Efficient Routing Protocol With MIMO For Energy Efficient Information Transmission In The Sensor Networks	Dr.M. Chinnadurai	CSE	Caribbean Journal of Science	2019	ISSN: 0008-6452	https://bioone.org/journals/caribbean-journal-of-science	https://www.researchgate.net/publication/340051700_LIFETIME_MAXIMIZING_DYNAMIC_ENERGY_EFFICIENT_ROUTING_PROTOCOL_WITH_MIMO_FOR_ENERGY_EFFICIENT_INFORMATION	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

242	Multiple input and multiple output and energy-aware peer-to-peer routing protocol for energy consumption in sensor networks	A Sundar Raj, M Chinnadurai	CSE	International Journal of Communication Systems	2019	ISSN (Online): 1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.4267	SCIE
243	Storage and Security Preservation Using Cloud Based Intelligent Compression Scheme	M Chinnadurai, A Jayashri	CSE	International Journal of Scientific Research in Science, Engineering and Technology	2019	ISSN: 2394-4099	https://ijsrset.com/	http://dx.doi.org/10.32628/IJSRSET196274	SCIE
244	Evaluation of students' performance in educational sciences and prediction of future development using sensor flow	S Manikandan, M Chinnadurai	CSE	International Journal of Engineering Education	2020	ISSN: 2540-9808	https://www.ijee.ie	https://www.ijee.ie/1atestissues/Vol36-6/07_ijee3988.pdf	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

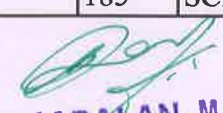
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

245	Electronic transport, Homolumo and computational studies of CuS-ACT monowire for nanodevice fabrication by software approach	K Senthilkannan, PV PraveenSundar, VKalaipoonguzhali, M Chinnadurai, TJayanalina	CSE	Materials Today: Proceedings	2020	ISSN: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2020.01.578	SCOPUS
246	An enhanced design and random optimization for oversampling modulator	Dr.S.Kannan	CSE	Journal of Ambient Intelligence and Humanized Computing, Springer	2020	ISSN: 5751-5762	https://link.springer.com/article/10.1007/s12652-020-02106-8	https://doi.org/10.1007/s12652-020-02106-8	SCIE
247	An approach to study the interrelationship between Mechanical and Durability properties of Ternary blended cement concrete using linear Regression Analysis	N.Sakthieswaran	CIVIL	Mathematical Biosciences and Engineering	2019	ISSN: 1539-3704	https://pubmed.ncbi.nlm.nih.gov/31499634/	https://doi.org/10.3934/math.2019185	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

248	WasteShellPowdersasValuableBio-FillerinGypsumPlaster–EfficientWastemanagementTechniquebyEffectiveUtilization	N.Sakthieswaran	CIVIL	Journal of Cleaner Production (Elsevier)	2019	ISSN: 2666-7916	https://www.sciencedirect.com/science/article/abs/pii/S0959652619305086	https://doi.org/10.1016/j.jclepro.2019.02.119	SCIE
249	Synergistic effect of mineral admixture and bio-carbonate filler on the physical and mechanical properties of gypsum plaster, Construction and Building Materials (Elsevier)	N.Sakthieswaran	CIVIL	Materials (Elsevier)	2019	ISSN 1369-7021	https://www.sciencedirect.com/science/article/abs/pii/S0950061819301928	https://doi.org/10.1016/j.conbuildmat.2019.01.160	SCIE
250	Experimental investigation on the properties of epoxy resin bonded cement concrete containing sea sand as fine aggregate	N.Sakthieswaran	CIVIL	Materials (MDPI)	2019	ISSN 2078-2489	https://www.mdpi.com/1996-1944/12/4/645	https://doi.org/10.3390/ma12040645	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

251	Synergistic effect of marble powder and greensand on the mechanical properties of metakaolin-cement concrete	N.Sakthieswaran	CIVIL	Materials (MDPI)	2019	ISSN 2078-2489	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6385115/#:~:text=The%20flexural%20strength%20of%20the,with%20metakaolin%20as%20cement%20substitute.	https://doi.org/10.3390/ma12030476	SCIE
252	Performance of Nano-Silica Modified Self-Compacting Glass Mortar at Normal and Elevated Temperatures	N.Sakthieswaran	CIVIL	Journal of Cleaner Production (Elsevier)	2019	ISSN 0959-6526	https://www.mdpi.com/1996-1944/12/3/437	https://doi.org/10.3390/ma12030437	SCIE
253	Impact of Check Dam in Groundwater Level and Water Quality of Vaigai River Madurai District, Tamil Nadu, India	V.Sekaran	CIVIL	Indian Journal of Ecology	2019	ISSN :0304-5250	https://www.indianjournals.com/ijor.aspx?target=ijor&issue=1&article=006	http://indianecologicalsociety.com/society/indian-ecology-journals/	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

254	Assessment of Ground Water Quality Based on Socio-Economical Activities in Cauvery River Bed of Tamil Nadu	V.Sekaran	CIVIL	Indian Journal of Ecology	2019	ISSN :0304-5250	https://www.cabdirect.org/cabdirect/abstract/20193125746	http://indianecologicalsociety.com/.../	SCOPUS
255	Compressive Strength of Concrete Using Sea Sand as a Partial Replacement for Fine Aggregate	Dr.R.Ellis Yogesh	CIVIL	International Journal for Science and Advance Research in Technology (IJSART)	2018	ISSN 2395-1052	http://ijsart.com/	http://ijsart.com/Content/PDFDocuments/IJSARTV4I1027777.pdf	SCOPUS
256	Optimized pseudo-derivative	G.Ganesan @Subramanian	EEE	Journal of Electric	2018	vol.18, no.3, pp:1-	http://www.jee.ro/	http://www.jee.ro/i	COPU
257	Neural	M.Ramya,	EEE	Interna	2018	vol.7; no.2.8, pp:59-598.	https://www.ijsr.net	https://www.sciencepubco.com/index	SCIE
258	Determination of optimize gain value	G.Ganesan @Subramanian	EEE	International Journal of	2018	vol.5, no.3, pp:30-37,	https://ijairjournal	http://ia	SCOPUS
259	Price based automatic generation control in a two area thermal-	G.Ganesan @Subramanian, I.A. Chidambaram and J.	EEE		2019	vol.4, no.12, pp:86-91, 2019.	https://www.ijream.org	http://ijream.org/papers/IJREAMEAMV04I124	SCOPUS

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

260	Locational marginal pricing calculation using concentrated and distributed model based on DC OPF in power market	M. Bhoopathi, Dr. P. Palanivel	EEE	Journal of electrical engineering (SCOPUS indexed) IF: 0.93	2019	vol 19, no. 3 2019	http://www.jee.ro	http://www.jee.upt.ro/index.php/jee/article/view/WS1531048853W5b41f3957eeb8	SCOPUS
261	Hyper Heuristic MapReduce Workflow Scheduling in Cloud	Arunkumar Panneerselvam; Bhuvaneshwari Subbaraman	MCA	IEEE	2018-2019	Electronic ISBN: 978-1-5386-1442-6 DVD ISBN: 978-1-5386-1441-9 Print on Demand (PoD) ISBN: 978-1-5386-1443-3	https://ieeexplore.ieee.org/	10.1109/I-SMAC.2018.8653677	Scopus


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

262	AMulti-ObjectiveOptimizationforScientificWorkflowtaskschedulinginIaaSCloud	ArunkumarPanneerselvam; Bhuvanewari Subbaraman	MCA	International Journal Of Engineering & Technology	2018-2019	ISSN 0975-4024 (Online)	IJET-International Journal of Engineering & Technology https://www.sciencepubco.com	https://doi.org/10.14419/ijet.v7i4.6.20457	Scopus
263	An Exploration of Multi-Objective Scientific Workflow Scheduling in Cloud	ArunkumarPanneerselvam; Bhuvanewari Subbaraman	MCA	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018-2020	ISSN :2456-3307	https://ijsrcseit.com	10.13140/RG.2.2.23305.08807	UGC
264	Modelling of electronic and optical properties of Cu ₂ SnS ₃ quantum dots for optoelectronic applications	IrshadAhamed, M, Kumar, K, S	ECE	Materials Science Poland	2019	ISSN: 0137-1339	https://materialscience.pwr.edu.pl/	http://yadda.icm.edu.pl/baztech/element/bwmeta1.element/baztech-bd5682d8-f5f3-429f-b67e-587b46dc399a	SCI-Expanded


Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

265	Evolutionary Algorithms-Based Multi-Objective Optimal Mobile Robot Trajectory Planning	Sathiya, V, Chinnadurai, M	ECE	Robotica	2019	ISSN: 1363-1382	https://www.cambridge.org/core/what-we-publish/journals	https://www.cambridge.org/core/journals/robotica/article/evolutionary-algorithms-based-multiobjective-optimal-mobile-robot-trajectory-planning/35CD9E5148EEE5C88E2FF6511B7FC2D2	SCI-Expanded
266	Optimization of the geometry of a charge plasma double-gate junctionless transistor for improved RF stability	Pon, A, Bhattacharyya, A, Padmanaban, B, Ramesh, R	ECE	Journal of Computational Electronics	2019	ISSN: 906-917	https://link.springer.com/	https://link.springer.com/article/10.1007/s10825-019-01340-4	SCI-Expanded


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

267	Effect of cutting parameters on cutting force and surface roughness during machining of microalloyed steel: Comparison between ferrite-pearlite, tempered martensite and ferrite-bainite – martensitic microstructures	V. Sivaraman S. Sankaran L. Vijayaraghavan	Mech	Journal of Engineering Manufacture: Part B	2018	0954-4054	https://journals.sagepub.com/home/pib	https://journals.sagepub.com/doi/abs/10.1177/0954405416635479	SCIE
268	Taguchi Optimization of Cutting Parameters for Surface Roughness and Material Removal Rate in Turning Operation	K. Partheeban, P. Ramesh Dr. S. Chockalingam	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://dlwqxts1xzle7.cloudfront.net/60339183/IRJET-V6I65820190819-44297	SCOPUS
269	Multi-Criteria Decision of W-Powder Mixed Electro Discharge Drilling Parameters using TOPSIS Approach	Jeevamalar Jayaraj Ramabalan Sundaresan Senthilkumar Chinnamuthu	Mech	MECHANIKA	2019	1392-1207	https://mechanika.ktu.lt/index.php/Mech	https://www.researchgate.net/profile/Jeevamalar/publication	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

270	Development of solar operated Robotic vehicle	Elayaraja D Arunkumar Arambalan S	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoA AAAAJ	UGC
271	Solar Energy Based Multipurpose Agricultural Robotic Vehicle	Elayaraja D Arneesh K C Amrutha Pavani Arunkumar A	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoA AAAAJ	UGC
272	Investigation in Intelligent Braking system	Nandagopal N Elayaraja D Arunkumar A Amrutha Pavani	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoA AAAAJ	UGC
273	Fuzzy Logic Control of Wall Following Robot	Elayaraja D Arunkumar A Amrutha Pavani	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoA AAAAJ	UGC


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

274	Synthesis and analysis of the physical properties of sugarcane bagasse glass fiber epoxy composites	Agoramoorthy G Sundar R	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://irjet.org/wp-content/uploads/2015/02/12-17-A-Rivew-of-Smart-Grid-Technology-in-India.pdf	UGC
275	Fabrication of Aluminium Reinforced Sugarcane Bagasse Composite and Evaluation of its Mechanical Properties	Sathish Mananthunathan V	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://irjet.org/wp-content/uploads/2015/02/12-17-A-Rivew-of-Smart-Grid-Technology-in-India.pdf	UGC

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

276	Synthesis and analysis of the physical properties of sugarcane bagasse glass fibre epoxy composites	Saravanan P Surendar G	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://irjet.org/wp-content/uploads/2015/02/12-17-A-Riview-of-Smart-Grid-Technology-in-India.pdf	UGC
277	Intelligent and Deep Learning Approach of Measure E-Learning Content in Online Distance Education	S.Manikandan	IT	The Online Journal of Distance Education and Learning	2019	2147-6454	https://tojedel.net/	https://tojedel.net/journals/tojedel/articles/v07i03/v07i03-05.pdf	UGC
278	Statistical Analysis on Client Retention for LIC of India	Dr.R.Karthi	MBA	Journal of Applied Science and Computations	2018-2019	1076-5131	http://j-asc.com/	http://j-asc.com/gallery/48-february-1928.pdf	UGC
279	High-temperature erosion behaviour of plasma sprayed	Dr.E.Edward Anand	Physics	Surface Engineering	Mär.18	0267-0844	https://www.tandfonline.com/journals/ysue20	https://doi.org/10.1080/02670844.2018.1467143	UGC

Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

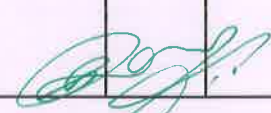
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

280	Synthesis and enhanced photocatalytic property of Ni doped ZnS nanoparticles	Mr. J. Prince Richard	Physics	Journal of Materials Science: Materials in Electronics (Springer)	Jän.18	0038-092X	https://www.springer.com/journal/10854	DOI: 10.1016/j.solen.2017.10.055	SCIE
281	Synthesis and Biological Evaluation of Thiazolidinone Derivatives as Antimicrobial Agents	GOPIC	Chemistry	International Journal for Research in Engineering Application & Management (IJREAM)	Mai.18	2454-9150	https://www.ijream.org	https://www.ijream.org/papers/IJREAMV04I0238104.pdf	UGC Care
282	Synthesis and biological evaluation of a fuzetidinone derivatives of 2-(3-chloro-2-(4-substitutedphenyl)-4-oxoazetidin-1-yl)-5-fluorobenzonitrile	Gopi.C	CHEMISTRY	International journal for research in Engineering Application & Management	Apr.18	ISSN: 2454-9150	https://www.ijream.org	https://www.ijream.org/papers/IJREAMV04I0238100.pdf	UGC Care


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

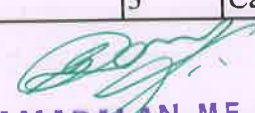
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

283	INVENTIO NOFBESTT ECHNOLOG YINAGRIC ULTUREUS INGINTUITI ONSTICFUZ ZYSOFTGR APHS	R.Deepa	Mathe matics	Interna tionalJ ournalo fMathe matical Archiv e	Jul.18	2229 – 5046	http://w ww.ijm a.info/ o/	http://w ww.j etir.org /papers /JETIR 18121 63.pdf	ugc Care
284	Application ofFuzzySoft Graphin RoleModel Service Renderedto Orphans	R.Deepa	Mathe matics	©2018 JETIR www.j etir.org	December 2018,	(ISSN- 2349- 5162)			
285	Self-Weak Complement aryFuzzy SoftGraph	R.Deepa	Mathe matics	Interna tional Journal for Resear chin Applie d Scienc e& Engin ering Techno logy (IJRAS ET) www.ij raset.c om	Mär.18	ISSN: 2321- 9653	https://www.ijraset. com/	DOI :10.22 214/ijr aset.20 18.311 3	ugc Care


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

286	LifetimeMaximizingDynamicEnergyEfficientRoutingProtocolWithMimoForEnergyEfficientInformationTransmissionInTheSensorNetworks.	SundarRaj, A, Chinnadurai, M	ECE	CaribbeanJournalofScience	2019	ISSN :0008-6452	https://bioone.org/journals/caribbean-journal-of-science?gclid=CjwKCAiAmJGgBhAZEiwA1JZoliyJgDmVsxjHix5Hk8t7RIoKOGqQdmB3rwP3EVOvFwIaFznwGJ_MGBoCnUYQAvD_BwE	https://www.researchgate.net/publication/340051700_LIFETIME_MAXIMIZING_DYNAMIC_ENERGY_EFFICIENT_ROUTING_PROTOCOL_WITH_MIMO_FOR_ENERGY_EFFICIENT_INFORMATION
-----	--	------------------------------	-----	---------------------------	------	-----------------	---	---


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

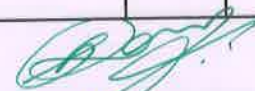
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

287	ABayesianSetApproach(Bsm)ForSegmentationOfRetinalFundusImagesForRetinalDisorderDetection	Gomathy,B, Devarajan,D, Dr. Ramesh,S,M	ECE	InternationalJournalforResearchinEngineeringApplication&Management(IJREAM)	2019	ISSN: 2454- 9150	https://www.ijream.org/	https://www.researchgate.net/publication/340931238_A_Bayesian_Set_Approach_BSM_for_Segmentation_of_Retinal_Fundus_Images_for_Retinal_Disorder_Detection	
288	A Robust framework to Detect moving vehicle in different Road conditions in INDIA	Dr.S.Appavu Alias Balamurugan	CSE	Journal of Theoretical and Applied Information Technology	2019	ISSN: 1817- 3195	http://www.jatit.org	http://www.jatit.org/volumes/Vol97No1/1Vol97No1.pdf	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

289	An integrated digital signature and mutual authentication mechanism for securing the cognitive radio networks	Dr.S.Appavu Alias Balamurugan	CSE	International Journal of Communication systems	2019	ISSN: 1099-1131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4289	https://doi.org/10.1002/dac.4289	SCIE
290	Hybridization of teaching Learning based optimization and multiple criteria decision making methods for software Package selection.	Dr.S.Appavu Alias Balamurugan	CSE	IEEE transaction on Engineering Management	2019	ISBN: 978-1-5386-9346-9	https://ieeexplore.ieee.org/xpl/conhome/8693842/proceeding	10.1109/AICAL.2019.8701283	SCIE
291	Patient health description using NFC-Tag-M-Health	Dr.S.Appavu Alias Balamurugan	CSE	AICAI	2019	ISSN: 642-646	https://ieeexplore.ieee.org/document/8701283	https://ieeexplore.ieee.org/document/8701283	SCIE
292	Diagnosis and prediction analysis of health monitoring system using practical swarm optimization generating health report card	Dr.S.Appavu Alias Balamurugan	CSE	AISGSC	2019	ISSN 1303 5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/article.php?id=7480	SCIE

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

293	An efficient protocol for power consumption in wireless sensor network with Triso framework	Dr.M.Chinnadurai Mr.R.M.anivannan'	CSE	International journal of enterprise network management.	2018	ISSN 1748-1260	https://www.inderscienceonline.com/	http://dx.doi.org/10.1504/IJE.2018.094656	SCOPUS
294	An efficient feature selection and classification using optimal Radial Basis function Neural network.	Dr.S.Appavu Alias Balamurugan	CSE	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	2018	ISSN:1793-6411	https://www.worldscientific.com/worldscinet/ijufks	https://doi.org/10.1142/S0218488518500320	SCIE
295	A Novel Software Package Selection Method Using Teaching-Learning Based Optimization and Multiple Criteria Decision Making	Dr.S.Appavu Alias Balamurugan	CSE	IEEE Transaction on Engineering Management	2019	ISBN: 978-1-5386-9346-9	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=	DOI:10.1109/TEM.2019.2918050	SCI


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

296	Behaviour of Fiber Reinforced concrete with partial replacement of cement by using Rice Husk Ash.	T. Adhavanathan	CIVIL	IJSRD (International Journal for Scientific Research and Development)	2017	ISSN 2321-0613	https://www.ijrsrd.com/Article.php?manuscript=IJSRDV5I21264	https://www.ijrsrd.com/articles/IJSRDV5I21264.pdf	Google Scholar
297	Studies of Properties of Silica Fiber Reinforced Self Compacting Concrete	R. Neelaveni	CIVIL	IJSRD (International Journal for Scientific Research and Development)	2017	ISSN 2321-0613	https://ijrsrd.com/Article.php?manuscript=IJSRDV5I30297	https://www.ijrsrd.com/articles/IJSRDV5I30297.pdf	Google Scholar
298	Potential Application of Orange Peel as Adsorbent for the Polluted Pond Water	M. Gayathiri	CIVIL	IJSRD (International Journal for Scientific Research and Development)	2017	ISSN 2321-0613	https://ijrsrd.com/Article.php?manuscript=IJSRDV5I90513	https://www.ijrsrd.com/articles/IJSRDV5I90513.pdf	Google Scholar

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

299	Vibration control of Rectangular Liquid Storage Tank Concrete	M. Subitha Deeneshwari	CIVIL	Journal of Emerging Technologies and Innovative Research	2017	ISSN 2349-5162	https://www.jetir.org/papers/JETIR1711139.pdf	Google Scholar
-----	---	------------------------	-------	--	------	----------------	---	----------------

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.**



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

300	Studies on Properties of fiber Reinforced Self Compacting Concrete	T. Adhavanathan	CIVIL	IJSTE (International Journal of Science Technology and Engineering)	2017	ISSN 2349-784X	http://ijste.org/Article.php?manuscript=IJSTE4I6017	http://www.ijste.org/articles/IJSTE4I6017.pdf	Google Scholar
301	Design and analysis of renewable energy based interleaved flyback inverter	G. Ganesan, Subramanian, Dr. M.K. Mishra, S. Latha, M. Ramya	EEE	international journal of engineering and manufacturing science.	2018	2249-3115	www.ripublication.com	https://www.ripublication.com/ijems18/ijems18n108.pdf	Scopus
302	Neural network based sequential switch cascaded H-Bridge multilevel inverter	M. Ramya, P. Usha Rani, G. Ganesan, Subramanian, K. Ramashankar	EEE	International Journal of Engineering & Technology	2018	(ISSN: 23198613, 09754024)	http://www.ijetch.org	DOI: https://doi.org/10.14419/ijet.v7i2.810527	Scopus
303	Implementation of Novel spray and weed robot using mobile for Agriculture field	G. Ganesan, Dr. V. Mohan, S. Latha	EEE	Journal of innovative research in technology	2017	ISSN: 2349-6002	http://www.ijirt.org	https://www.ijirt.org/Article?manuscript=144788	UGC approved journal no 47859


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

304	An Efficient Content Based Image Retrieval Using Block Color Histogram and Color Co-occurrence Matrix	Mrs. J. Vanitha, M. Senthil Murugan	MCA	International Journal of Applied Engineering Research	2017-2018	Print ISSN 973-4562, Online ISSN 973-9769	https://www.ripublication.com/ijaer.htm	https://www.ripublication.com	SCOPUS (2010-2017), EBSCOhost, GOOGLE Scholar, Journal Seek, J-Gate, IC Index Copernicus ICV value 82.67 and UGC Approved Journal -2017
305	Feature Matching Process Using Euclidean Distance of Weighted Block Color Histogram and Color Co-Occurrence Matrix for Content Based Image Retrieval System	Mrs. J. Vanitha, M. Senthil Murugan	MCA	International Journal of Emerging Technology and Advanced Engineering	2017-2018	ISSN 2250-2459 (Online)	https://www.ijetae.com/	Corpus ID: 212603339	SCOPUS

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

306	Review on image segmentation technique with normalized cuts.	J. Vanitha A. Hema S. Visalatchy S. Selvaganapathy	MCA	International Journal of Advanced Scientific Research & Development	2017-2018	e-ISSN: 2395-6089 p-ISSN: 2394-8906	https://www.ijasrd.org/	https://doi.org/10.26836/ijasrd/2017/v4/i11/41113	SCOPUS
307	Hadoop framework: Analyzes workload prediction of data from cloud computing	C. Mallika S. Selvamuthukumar	MCA	IEEE	2017-2018	Electronic ISBN: 978-1-5386-1698-7 Princeton Demand (PoD) ISBN: 978-1-5386-1699-4	https://ieeexplore.ieee.org/Xplore/home.jsp	https://ieeexplore.ieee.org/author/37085950394	SCOPUS
308	A Review on Resource Scheduling Algorithms for Big Data Workflows in Cloud	Arunkumar Panneerselvam; Bhuvaneswari Subbaraman	MCA	International Journal of Emerging Technology and Advanced Engineering	2017-2018	ISSN 2250-2459 (Online)	https://www.ijetae.com/	10.13140/RG.2.2.33371.41761	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

309	ADetailedStudyonSecurityServicesinCloudEnvironment	S.Rajakumar A.S.Anakath R.NareshS. Senthilkmar	MCA	IEEE	2017-2018	ElectronicISBN:978-1-5090-4799-4 PrintonDemand(PoD) ISBN:978-1-5090-4800-7	https://ieeexplore.ieee.org/	10.1109/ICRTC2017.24	SCOPUS
310	NumericalinvestigationonBallisticLimitVelocityofArmourMaterials	SureshperiyasamyramabalanSundaresanNatarajanUthirapathy	Mech	InternationaljournalofCurrentengineeringandtechnology	Mär.18	2277-4106	https://inpressco.com/category/ijcet/	https://www.researchgate.net/publication/325567945_Numerical_Investigation_on_Ballistic_Limit_Velocity_of_Armour_Materials	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA


Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@cgspec.org

website: www.egspec.org

Ph: 04365-251112

311	CNNbasedtool wearclassification using emitted AE signal with empirical mode decomposition	J.Emerson Raja M.N.Ervina Efzan JakirHossenP .Velrajkumar V.Sivaraman	Mech	Fareastjournal of electronics and communications	2018	0973-7006	https://www.pphmj.com/journals/fjec.htm	https://www.researchgate.net/publication/328317407_CNN_BASED_TOOL_WEAR_CLASSIFICATION_USING_EMITTED_AE_SIGNAL_WITH_EMPIRICAL_MODE_DECOMPOSITION	SCOPUS
312	Optimization of GTAW process parameters on aluminum alloy 6063 of taguchi method	S.Sethuraman D.BalajiV.Sivaramakrishnan M.Sudhakar	Mech	International research journal of engineering and technology	Mar.18	2395-0056	https://www.irjet.net/archives/V5/i3/IRJET-V5I3257.pdf	https://www.irjet.net/archives/V5/i3/IRJET-V5I3257.pdf	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

313	Experimental investigation of optimizing turning process parameter of AA2014	U.Sivaramakrishnan V.Sivaramakrishnan D.Balaji	Mech	International journal of research in applied science & engineering technology	Mai. 18	2321-9653	https://www.ijraset.com/	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=KvI2KpIAAAAJ&citation_for_view=KvI2KpIAAAAJ:Y0pCki6q_DkC	SCOPUS
314	Experimental analysis and optimization of parameters in electric discharge machining of titanium alloy using graphite electrode	T.Masilamani S.Krishnamohan R.Rengarajan	Mech	International journal of emerging technologies in engineering research	Jun. 17	2454-6410	https://www.ijeter.in/	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=SfBTvtYAAAJ&citation_for_view=SfBTvtYAAAJ:u5HmVDu08C	SCOPUS

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

315	An investigation and welding characterization of dissimilar joints of alloy steel with SS410 through GMAW	P.Kalaigar S.K. Rishnamohan R. Rengarajan	Mech	International journal of emerging technologies in engineering research	Jun.17	2454-6410	https://www.ijeter.in/	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=SfBTvtYAAAAJ&citation_for_view=SfBTvtYAAAAJ:2osOgNQ5qMEC	SCOPUS
316	An experimental study of wear behaviour of aluminium alloy (LM6) and zirconium carbide (ZrC)	R.Sivaram, A.R., Krishnakumar, S.K., Krishnamohan, S., Umanath, K., Rajavel	Mech	International Journal of Mechanical and Production Engineering Research and Development.	Jan.18	22498001 22496890	https://journalseeker.researchbib.com/view/issn/2249-6890	http://www.scopus.com/inward/record.url?eid=2-s2.0-85062212435&partnerID=MN8TOARS	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

317	Specific Heat Measurements of Ti6Al4V/NanoSiCp Composite	S. Krishnamohan, S. Ramanathan, V. Ramakrishnan	Mech	Journal of Computational and Theoretical Nanoscience	Jun.17	15461963 15461955	http://www.aspbs.com/ctn/	https://www.indgentconnect.com/content/asp/jctn/2017/0000014/00000001	SCOPUS
318	Optimization of cutting parameters on turning multi phase medium carbon Microalloyed steel	Sivaraman, V., Krishnamohan, S., Ramanujam, N., Sivaramakrishnan, V., Sankaran, S., Vijayaraghavan, L.	Mech	South Eastern University of Sri Lanka, University Park, Oluvil, Sri Lanka	Dez.17	978-955-627-120-1	http://ir.lib.seu.ac.lk/handle/123456789/3000	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=SfBTVtYAAAAJ&citation_for_view=SfBTVtYAAAAJ:IjCS Pb-OGe4C	UGC
319	Solving Fuzzy Transportation Problem Using Subinterval Average Method of Ranking,	Kamalanathan, S.	MATHAMETICS	International Journal of Mathematical Archive	2017	ISSN: 2229-5046	http://ijma.info/index.php/ijma/article/view/aboutjournal	http://www.ijma.info/index.php/ijma/article/view/515	UGC Care

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

320	Using New Ranking Procedures of Fuzzy Numbers	Kamalanathan S	MATH AMETICS	International Journal of Application of Fuzzy Sets and Artificial Intelligence	2017	ISSN: 2241-1240	https://www.ijfis.org/main.html	https://www.ijfis.org/main.html	UGC Care
321	Subinterval addition method for ranking of fuzzy numbers, International Journal of Pure and Applied Mathematics	Kamalanathan S	MATH AMETICS	International Journal of Pure and Applied Mathematics	2017	ISSN: 1314-3395	http://www.ijpam.eu/	https://acadpubl.eu/jsi/2017-115-9/articles/9/14.pdf	UGC Care
322	SubInterval Average Method for Ranking of Linear Fuzzy Numbers	Kamalanathan S	MATH AMETICS	International Journal of Pure and Applied Mathematics	2017	ISSN: 1314-3395	http://www.ijpam.eu/	https://acadpubl.eu/jsi/2017-114-5/articles/2/13.pdf	UGC Care


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

323	A New Ranking Method based on Difference of Subinterval	Kamalanathan S	MATH AMETICS	Global Journal of Pure and Applied Mathematics	2017	ISSN 0973-1768	https://www.ripublication.com/gjpa.htm	https://www.researchgate.net/publication/319932580_A_New_Ranking_Method_based_on_Difference_of_Subinterval#fullTextFileContent	UGC Care
324	An Introduction to Fuzzy Soft Digraph	S. Tharani	MATH AMETICS	IOSR Journal of Mathematics (IOSR-JM)	2017	e-ISSN: 2278-5728, p-ISSN: 2319-765X	http://www.iosrjournals.org/iosr-jm/papers/Vol13-issue3/Version-2/G1303024654.pdf	DOI: 10.9790/5728-1303024654	UGC Care
325	Evaluation of water quality suitability for drinking using drinking water quality index in Nagapattinam district, Tamil Nadu in Southern India	S. PONSADA ILAKSHMI	CHEMISTRY	Ground water for Sustainable Development	2018	ISSN 2352-801X.	https://www.sciencedirect.com/science/article/abs/pii/S2352801X16300388	https://www.sciencedirect.com/science/article/abs/pii/S2352801X16300388	UGC Care

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

326	AnalyzingThe InteractionOf AscentwithIEEE802.11e MACin Wireless SensorNetwork	SundarRaj,A, DeviPriyanka, K,GKavya,S	ECE	InternationalResearchJournalofEngineeringandTechnology	2017	ISSN: 2395-0056	www.irjet.net	https://www.academia.edu/31657991/IRJET_ANALYZING_THE_INTERACTION_OF_ASCENT_WITH_IEEE_802_11e_MAC_IN_WIRELESS_SENSOR_NETWORK	SCOPUS
327	HeterogeneousMulti-Hop Energy Routing Protocolwith AntBeeFuzzy Clustering Processin Wireless Network	SundarRaj, A, Titus, S	ECE	Journal of Computational and Theoretical Nanoscience	2017	ISSN1 546-1955	https://www.ingentaconnect.com/content/asp/jctn#	https://www.ingentaconnect.com/contentone/asp/jctn/2017/0000014/00000009/article00025	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

328	Building a Metro Ethernet Network to Deliver High Bandwidth Internet Protocol Television and Internet Access	Sundar Raj, A., Dhanya, K., Jayasree, R.	ECE	International Research Journal of Engineering and Technology	2017	ISSN: 2395-0056	www.irjet.net	https://issuu.com/irjet/docs/irjet-v4i241	SCOPUS
329	Design and Implementation of Logical Sensing Algorithm Based Smart Home Security	Jancy, Y., Gomathy, B., Raj, A.	ECE	Journal of Computational and Theoretical Nanoscience	2018	ISSN 1546-1955	https://www.ingentaconnect.com/content/asp/jctn#	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=1Tt0kqsAAAAJ&pagesize=80&citation_for_view=1Tt0	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

330	Cloud computing framework to securely share Health & Medical records among federation of Healthcare information systems	Mr. sudhir shenai	CSE	Biomedical Research	2018	ISSN: 0970-938X	https://www.biomedres.info/	https://www.alliedacademies.org/articles/cloud-computing-framework-to-securely-share-health-medical-records-among-federations-of-healthcare-information-systems.pdf	SCOPUS
331	Security enhancement of live VM migration within Cloud federations	Mr. sudhir shenai	CSE	Journal of Research in Dynamical & Control Systems	2018	ISSN: 1943-023X	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=0	https://doi.org/10.1002/dac.4289	SCOPUS
332	Focused information retrieval Algorithm	Dr. S. Appavu Alias Balamurugan	CSE	Inderscience Enterprises Limited	2017	ISSN: 1743-8195	https://www.inderscienceonline.com/journal/ijbidm	https://doi.org/10.1504/IJBIDM.2018.08842	SCOPUS

Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

333	Computational modeling of Electricity consumption using Econometric variables based on neural network training Algorithms	Dr.S.Appavu Alias Balamurugan	CSE	International Journal on Neural and Mass - Parallel Computing and Information Systems	2017	ISSN: 2336-4335	https://labordoc.ilo.org/discovery/fulldisplay?vid=41ILO_VO_INST:41ILO_V1&search_scope=MyInst_and_CI&ab=Everything&docid=alma995172931002676&lang=en&context=L&adaptor=Local%20Search%20Engine&query=sub,exact,%20Computer%20security%20&offset=0	DOI:10.14311/NNW.2017.27.007	SCIE
334	Topic detection using spider hunter Algorithm.	Mrs E. E lakiya	CSE	Journal of Computational and Theoretical Nanoscience	2018	ISSN: 1546-1963	https://www.ingentaconnect.com/content/asp/jctn	https://doi.org/10.1166/jctn.2018.7257	SCIE


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai


(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.cgspcc.org

Ph: 04365-251112

335	RealtimeNano constrainedbased location selection approach for data transmission between the Nanomachines in mobile Adhoc Network.	Dr. T. Ganessan	CSE	Journal of Web Engineering	2018	ISSN: 1544-5976	https://journals.riverpublishers.com/index.php/JWE/index	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=M6zD2hsAAAAJ&citation_for_view=M6zD2hsAAAAJ:zYLM7Y9cAGgC	SCIE
336	Effective secured data storage in cloud by using ECC Algorithm	Dr. A. Arokiya samy	CSE	Middle-East Journal of Scientific Research	2017	ISSN: 1990-9233	https://idosi.org/mejsr/mejsr.htm	DOI: 10.5829/idosi.mejsr.2017.117.127	SCOPUS
337	Designing preprocessing framework (ERT) for text mining Application	Mrs E. Elakiya	CSE	2017 International Conference on IoT and Application (ICIOT)	2017	ISBN: 978-1-5386-1698-7	https://ieeexplore.ieee.org/xpl/conhome/8053488/proceeding	DOI: 10.1109/ICIOTA.2017.8073613	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
 PRINCIPAL
 E.G.S. PILLAY ENGINEERING COLLEGE
 NAGAPATTINAM, TAMILNADU, INDIA



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org

website: www.egspec.org

Ph: 04365-251112

338	Motion detection algorithm for agent interactions surveillance systems	S Manikandan, M Chinnadurai	CSE	International Journal of Engineering Technology Science and Research	2017	ISSN 2394-3386	http://www.ijetsr.com/	http://ijetsr.com/images/short_pdf/1511164858_408-412-site165_ijetsr.pdf	UGC Care List
339	Enhanced Stable Path Routing Approach for Improving Packet Delivery in MANET	S.Kannan	CSE	Journal of Computational and Theoretical Nanoscience,	2017	ISSN 1546-1963	https://www.ingentaconnect.com/content/asp/jctn;jsessionid=3p4jok4v7a8xd.x-ic-live-03	DOI: https://doi.org/10.1166/jctn.2017.6849	SCOPUS


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. PILLAY ENGINEERING COLLEGE
NAGAPATTINAM - 611 002.