

## **EASWARI ENGINEERING COLLEGE**

### **Technical Paper Publications in International Journal in the Year 2019**

#### **Department of Automobile Engineering**

1. Mr.P.Gopi, “Design and Fabrication of Manually Powered Path Cleaner using Pulley Drives”, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019. **DOI: 10.35940/ijeat.F1256.0986S319 (Scopus)**
2. Mr.A.K.Babu, “CFDc studies on different configurations of drying chamber for thin-layer drying of leaves”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, ISSN: 1556-7036 (Print) 1556-7230 (Online), **<https://doi.org/10.1080/15567036.2019.1607935> (Scopus)**
3. Mr.C.Hariharan, “CFD studies for energy conservation in the HVAC system of a hatchback model passenger car”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, ISSN: 1556-7036 (Print) 1556-7230 (Online), **<https://doi.org/10.1080/15567036.2019.1670757> (Scopus)**
4. Dr. S.Sathiyamurthy , “Domination of process control parameters on tensile properties of friction stir welding of AA7075/AA6101 alloys”, Materials today: proceedings · 9 Elsevier, October 2019,**DOI: 10.1016/j.matpr.2019.09.034 (Scopus)**
5. Vijaya Prakash, B., Sundarapandian, S., "Selection of effective control factors for TMT bars using taguchi", International Journal of Engineering and Advanced Technology. Volume 8, 6 special issue 3. September 2019. **DOI: 10.35940/ijeat.F12600986S319 (Scopus)**
6. V.AntonyAroul Raj, J.Kamalesh, R.Pradeepkumar, J.Raghavendran, A.K.Babu, G.Kumaresan, “Effect Of Reheat Capacity In The Performance Of A Model Heat Pump Dryer”, “International Journal Of Innovative Technology And Exploring Engineering(IJITEE). ISSN: 2278-3075, Volume-8, Issue -12s, Oct- 2019 . **DOI: 10.35940/ijitee.L1015.10812S19-(Scopus)**
7. Karthikeyan.KNagaChandrika.K.K, Deepan Raj Kumar.A, Thiagarajan.S, Vishnu Kumar.V, “ Reasearch On Mechanical Behavior Of AMMC (Ai\_Sic) Composite In Disc Brake“, “International Journal Of Engineering And Advanced Technology (Ijeat)

Issn:2249-8958, Volume-8, Issue-6s3, September- 2019. **DOI: 10.35940/ijeat.F1255.0986S319 (SCOPUS)**

### **Department of Civil Engineering**

8. S.LavanyaPrabha, M.Gopalakrishnan , M.Neelamegam, “Experimental Study on High Strength Concrete Developed Using Industrial Waste” International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume IX, Issue I, JANUARY/2019. **(Scopus)**
9. N.Divyah. R.Thenmozhi, M.Neelamegam, R.Krishnapriya, “Mechanical behaviour of concrete made of sintered fly ash aggregate” Caribbean Journal of Science, Volume 53, ISSUE 1 (JAN - APR), 2019 ISSN: 0008-6452 **(Scopus)**
10. S.Lavanya Prabha,, M. Neelamegam, J.K. Dattatreya and M. Surendar, “Behaviour Of Reactive Powder Concrete Under Direct Tension And Flex”, “Journal of Structural Engineering”, Vol. 46, No. 3, August - September 2019 **(Scopus)**
11. R Gopalakrishnan, “Durability of alumina silicate concrete based on slag/fly ash blended against corrosion” Engineering, Construction and Architectural Management, ISSN: 0969-9988 vol. 26 no. 8 . Sep -2019 **(Scopus)**
12. V. M. Sounthararajan, S. Sivasankar, S. Dhinakaran, NabajyotiModak, R. Gopalakrishnan, “Performance in Binary Characteristics of Sisal Fibre Reinforced Concrete”, International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Volume-9 Issue-1, November 2019 **(Scopus)**
13. M.Amala, V.Gokul, G.Salaiamuthavalli, K.G.Akshaya, “Optimization of 400kv Transmission Line Towers”, International Journal of Innovative Technology and Exploring Engineering”, ISSN 2278-3075 (online), Volume-8, Issue-12S, October 2019. **DOI: 10.35940/ijitee.L1016.10812S19 (Scopus)**
14. K. S. DhayaChandhran, M. Jothilakshmi, L. Chandhrkanthamma, A. Mohan, “Thermal Insulation and R- Value Analysis for Wall Insulated with PCM”, International Journal of Innovative Technology and Exploring Engineering” ISSN: 2278-3075, Volume-8 Issue-12S, October 2019 P.P 11-16. **DOI: 10.35940/ijitee.L1013.10812S19 (Scopus)**
15. Surendar M , Deepak M.S, “Shear Connection between Steel and Concrete in Composite Structure” International Journal of Innovative Technology and Exploring

- Engineering”ISSN: 2278-3075 Volume-8 Issue-12S, October 2019 P.P 28-33. DOI: 10.35940/ijitee.L1014.10812S19 (**Scopus**)
16. L. Chandrakanthamma. M. Jothilakshmi, K. S. Dhayachandhran, RounakGoel, “The Photocatalytic Activity of Cement in Reducing Air Pollutants” International Journal of Innovative Technology and Exploring Engineering” ISSN: 2278-3075 Volume-8 Issue-12S, October 2019, DOI: **10.35940/ijeat.F1253.0986S319 (Scopus)**
  17. M. Jothilakshmi, L. Chandrakanthamma, K. S. DhayaChandhran, A. Mohan, “Flood Control and Water Management at Basin Level -at Orathur of Kanchipuram District”, “International Journal of Innovative Technology and Exploring Engineering” Volume-8 Issue-12S, October 2019, ISSN: 2249 – 8958 ,DOI: **10.35940/ijeat.F1252.0986S319 (Scopus)**
  18. Lavanya, Ganesan, Chippymol James, “Strength characteristics of Concrete Paver Blocks embedded with PET Fibres”, International Journal Of Engineering Research And Management , Volume-06, Issue-09, September -2019 (**SCI JOURNAL**)
  19. Mohan A SaravanaKarthika , Ajith J, Lenin dhal d, “Investigation on Ultra High Strength Slurry Infiltrated Multi scale Fibre Reinforced Concrete” ,Journal of Green Engineering, ISSN: 2214-7853 (**Scopus**)
  20. SrividhyaK , Mohan A ,Tholkapiyan M , Arunraj A “Earth Quake Disaster Mitigation (EQDM) Through Engineering Design”, “Journal of Green Engineering”, 2019 ISSN:2214-7853 (**Scopus**)
  21. R. Gopalakrishnan ,V.M Sounthararajan, Mohan A.Tholkapiyan M “The strength and durability of fly ash and quarry dust light weight foam concrete”, “Journal of Green Engineering”, 2019.ISSN:2214-7853 (**Scopus**)
  22. DhayachandhranK ,Jothilakshmi M, Tholkapiyan M , Mohan A, “Performance Evaluation and R- Value Analysis for Thermally Insulated Wall With Embedding Fluted Sheets” Journal of Green Engineering, 2019.2214-7853 (**Scopus**)
  23. S.Lavanya Prabha, M.Surendar, M.Neelamegam, “Experimental Investigation of Eco-Friendly Mortar Using Industrial Wastes” Journal of Green Engineering, Volume-9, Issue-4, December 2019 2214-7853 (**Scopus**)
  24. V.SaravanaKarthika, A.Mohan, R.Dinesh Kumar, Chippymol James. “Sustainable Consideration by Characterization of Concrete through Partial Replacement of Fine

Aggregate Using Granite Powder and Iron Powder” Journal of Green Engineering, Volume-9, Issue-4, December 2019 (**Scopus**)

25. Jayanthi R, B. Deepak M. S, C. Mahendran K., D. Surendar M. “Experimental study on polymer fibre included sustainable pervious concrete” International Journal of Engineering & Technology, 2019, DOI: 10.14419/ijet.v7i4.23127 (Scopus)

### **Department of Computer Science Engineering**

26. K. M. Anandkumar, A. Ramachandran, R. Arunprakash, B. Manikandan, “New Wireless Multifunctional Smart Robot for Border Security Surveillance with Real Time Object Recognition”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019 **DOI:10.35940/ijrte.C5432.098319 (Scopus)**
27. Ramya Devi R, Anandhamala G S, “Analysis of Breast Thermograms Using Asymmetry in Infra-Mammary Curves”, Journal of Medical Systems, Springer Nature Publisher, ISSN: 0148-5598 (Print) 1573-689X (Online), Volume 43, Issue 6, April 2019. <https://doi.org/10.1007/s10916-019-1267-8>, **Impact Factor 2018: 2.098 (SCI)**
28. Dr.S. Sobitha Ahila, D.Sivakumar M.Naveen Nanda , Nivedita, Suresh Kumar Nair, Sruthi Kannan “Traffic Lights Analysis and Manipulation for Emergency Vehicles Using Deep Learning Algorithm”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019, **Retrieval Number:F13320476S519/19©BEIESP (Scopus)**
29. Dr.S. Sobitha Ahila, D.Sivakumar, Ashwin Suganthan, Arunkumar.M , Manish Kumar S “BOT-O- PEDIA - Learning Simplified”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019 **Retrieval Number:F13370476S519/19©BEIESP (Scopus)**
30. Priyadarshini R, Prof. S Kayalvizhi, A Geetha, Premkumar T, “Data Driven Scene Classification to Analyze ADAS”, International Journal of Recent Technology and Engineering (IJRTdE),ISSN: 2277-3878, Volume-8 Issue-2S4, July 2019, **DOI: 10.35940/ijrte.B1020.0782S419 (Scopus)**
31. Radha, S.Bhuvaneswari, kathiravankannan, “Fuzzy-Based Cluster Head Amendment (FCfHA) Approach to Prolong the Lifetime of Sensor Networks”, Journal of Wireless

- Personal Communication, DOI: <https://doi.org/10.1007/s11277-019-06800-5>, Print ISSN0929-6212, Online ISSN1572-834X, 2019 (Scopus)
32. G.Dinesh,C.Rajinikanth ,Dr.P.Maheswara Venkatesh, T.V.Vanitha, “An Optimized Dijkstra’s SPF Algorithm used MultiHop Clustering for Scalable IoT Systems”, International Journal of Advanced Science and Technology Vol. 28, No. 14, (2019), pp. 298-306, ISSN: 2005-4238. (Scopus)
  33. V.S.Vidhyalakshmi, A.Geetha, Dr S.SobithaAhila, “Real Estate Management Using Smart Contracts”, International Journal of Advanced Science and Technology Vol. 28, No. 13, (2019), pp. 616-621 ISSN: 2005-4238 IJAST. (Scopus)
  34. V Mercy Rajaselvi, KG Arun,VAkash,GKeerthananjali, “A Virtual Scribe System Using Convolutional Neural Network to Aid the Physically Challenged” International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 430-440 (Scopus)
  35. Prof. S.Kayalvizhi , Mrs. D. AmirthaSughi , Divyalakshmi.R, “Automation in Manufacturing and Retail Industry using Smart Labels” International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 450-459 (Scopus)
  36. Dr.R.M. Bhavadharini ,Mrs.D.AmirthaSughi , Sagariga Sundar, Sumalatha P SundariSwathy Meena H, “Intraday Stock Trend Analysis Based on Social Sentiments and Prediction of Entry and Stop loss”, International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 420-429. (Scopus)
  37. K.P.K.Devan, P.Harikumar, “Computing Minimum Support Price to Promote Agriculture as a Sustainable Model”, International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 411-419. (Scopus)
  38. K. Keerthana, S. Krithika, R. Lavanya Sri, M.Bhanumathi, “Automatic Detection of Diabetic Retinopathy Lesions”, International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 03 ,Mar 2019, e-ISSN: 2395-0056.
  39. V. Rekha Senthilkumar ,C.Rahul Kiron , M.Vishnuvarthan , M.Vishnukumar, “A new approach to product recommendation systems” International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 06 Issue: 03, Mar 2019

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41. RathinaPriya.V, Kishore Kumar.M, Lenin Nilavarasan.F, Manoj.B.R “A Cumulative Use Of Sensing Nodes To Protect Forest Against Poaching”, JETIR , March 2019, Volume 6, Issue 3, ISSN-2349-5162. **(Scopus)**
42. Keerthanna G. S,Praveen Kumar P, Vishnu Prasad K, S.SriHeera, “A Modern Technique for Unauthorized Human Detection and Intimation”, “International Journal of Trend in Research and Development”, Volume 3 Issue: 3, ISSN: 2456 – 6470, 2019. **(Scopus)**
43. S.Kavya, Sri Heera, S.Farisha, S.AngelVergina, “Agriculture: Integration Of Blockchain And IoT”, “International Journal of Science and Innovative Engineering & Technology”, Volume 3, ISBN 978-93-81288-18-4, 2019. **(Scopus)**
44. ..Ranichandra, Antony Sundar.H,Gautam Sandeep KT ,Krithin Rajesh, “RFID based smart Dustbin for smart cities” International Research Journal of Engineering and Technology, Volume: 06 Issue: 03, Mar 2019, e-ISSN: 2395-0056. **(Scopus)**
45. Venkata Naga Rani B, Akshay S, Arun kumar M, Ishwar Kumar M A “Decentralized E-Voting System”, International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue: 03, Mar 2019 , e-ISSN: 2395-0056
46. Devaki Priya V, Harini S, Haripriyaa A, Dharaniya R., “A Novel Approach – Automatic paper evaluation system”, International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue: 03, Mar 2019, e-ISSN: 2395-0056.
47. K.Arunkumar, S. Arun, S. Dhiyanesh, S. Divya, “Real time immersive 3D data visualization”, Published in JETIR, Volume 6 Issue 3 , March-2019, ISSN : 2349-5162 **(Scopus)**
48. Bhagyalakshmi. P, Indhumathi. P, Lakshmi. R, Dr. Bhavadharini, “Real Time Video Surveillance for Automated Weapon Detection”, International Journal of Trend in Scientific Research and Development (IJTSRD), Volume: 3 | Issue: 3 | Mar-Apr 2019, e-ISSN: 2456 – 6470

49. Harikumar P, “Secure distributed cloud service using trusted third party”, International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 2, march 2019, ISSN: 2454-132X **SCI Impact factor: 4.295 (Scopus)**
50. Abdul Rahuman Aslam M A, Gobinathan V, Krishnan K, Rajasekaran G, “Prediction of cab demand using machine learning”, International Research Journal of Engineering and Technology (IRJET) ,e-ISSN: 2395-0056 ,Volume: 06 Issue: 03 Mar 2019.
51. Geetha, A., Sobitha Ahila, S., Vidhya Lakshmi, V.S., Kalpana Devi, S., “An empirical research for secured storage and protecting unauthorized access of organ donor details”, International Journal of Engineering and Advanced Technology , September 2019 , Volume 8 , 6 Special issue 3, **DOI: 10.35940/ijeat. F1257.0986s319. (Scopus)**
52. Sri Heera, S., Suganthan, P., Athreya, S.S., Narasimman, S.S., Rakesh, M. , "Automated irrigation and smart farming " International Journal of Engineering and Advanced Technology, Volume 8 , 6 special issue 3, September 2019, DOI: **10.35940/ijeat.F1258.0986s319 (Scopus)**
53. Murthy, P.V.N.S.L.S.S.R., Khanaa, V., Bandaru, V.N.R., Abirami, A., "Secure auditing and storage systems in cloud service " International Journal of Engineering and Advanced Technology , Volume 8 , 6 special issue 3 , **DOI : 10.35940/ijeat.F1259.0986S319, (Scopus)**
54. Anbu, M., Anandha Mala, G.S. , "Feature selection using firefly algorithm in software defect prediction " Cluster computing , Volume 22, DOI: 2019, DOI : **10.1007/s10586-017-1235-3 (Scopus)**
55. Geetha, S., Ramamoorthy, S., Kanya, N., Anandha Mala, G.S. , "Extraction of sequence of actions from unstructured requirements specification document " Journal of Computational and Theoretical Nanoscience, 2019, volume 16, volume 16, DOI : **10.11666/jctn2019.7857, (Scopus)**
56. Naveen Nanda, M., Venkata Subramanian, D., Kalyan Chakravarthy, N.S., "C-score: An alternative banking methodology " , International Journal of Recent Technology and Engineering, September 2019, volume 8, 2 special issue 11, DOI: **10.35940/ijrte.B1284.0982S1119, (Scopus)**
57. **P.Harikumar, K.P.K.Devan, K.M.Anandkumar**, R.Arunprakash, “A Design of a Patient-Customized Healthcare System for Learning Blood Circulation System(I-

- Lbcs) by Game - Learning Environment (G-Le)”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019. (SCOPUS)
58. **R. Poorni**, V. Sai Kumari, V. Sunitha, **S. Bhuvaneshwari** , “M-Commerce for Agriculture Commodities using Android Application”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019(SCOPUS)
59. **A.Abirami**, **R.M. Bhavadharini**, N.B.Prakash, G.R.Hemalakshmi“Network Intrusion Detection and Measuring the Data Set, Performance by Machine Learning Technique (MLT) “,International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019 (SCOPUS)
60. **K.Arunkumar**, S.Srinivasan, A.Beno,W.Mesiya Stalin, “Metamaterial Inspired Microstrip Offset Feed Truncated Antenna for Automotive Radar Application”,International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019. (SCOPUS)
61. P.Baskaran, D.Selvapandian,JebakumarImmanuel.D, **R.M.Bhavadharini**, “IoT based water Quality Monitoring System using Machine Learning”, International Journal of recent Technology and Engineering(IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, November 2019. (DOI:10.35940/ijrte.D9169.118419(SCOPUS)
62. D.AmirthaSughi,R.M.Bhavadharini, K.M.Anandkumar, R.Arunprakash “Cloud-based Smart Grid ArchitectureforSecured Big Data Information Management”,International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019(SCOPUS)
63. Rathinapriya Vasu, Bhumikka UD, Divya.K , “An Exigent Device that aids to Educate the Attention Deficit Hyperactivity Disorder(ADHD) Children”,International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019, DOI: 10.35940/ijeat.B4043.129219(SCOPUS)
64. Rajasekaran, M. Lakshmanan, Venkata Naga Rani Bandaru, “A Novel Framework for Video Delivery to Handheld Devices using Cloud Environment”, Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019, DOI: 10.35940/ijeat.B4042.129219(SCOPUS)



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### **Department of Electronics and Communication Engineering**

67. K. Kannan, Dr.M. Devaraju, S. Rosaline, “Priority Value based Discriminate Routing to Improve Quality of Service in Mobile ADHOC Network”, Jour of Adv Research in Dynamical & Control Systems, ISSN 1943-023X ,Vol. 11, 10-Special Issue, 2019, **DOI: 10.5373/JARDCS/V11SP10/20192882 (Scopus)**
68. D.Sivakumar& K.Suriyakrishnaan, “Portable Multi-Utility Porter System In Android Applications”, “International Journal Of Recent Technology And Engineering (Ijrte)”, Issn: 2277-3878, Volume-7, Issue-6s5,Pp 7-11, April 2019 **Retrieval Number:F10020476S519/19 ©BEIESP, (Scopus)**
69. P. Bini Palas, “Design of Patch Antenna For Military Applications”, “International Journal Of Advance Networking And Applications, Volume 10, Issue 05, Pages 168 - 171, April 2019, Issn No. 0975-0282. **(Scopus)**
70. D.Sivakumar& K.Suriyakrishnaan , “Computerized Growth Analysis Of Seeds Using Deep Learning Method”, International Journal Of Recent Technology And Engineering (Ijrte), Issn: 2277-3878, Volume-7, Issue-6s5, Pp 1885-1892, April 2019 **Retrieval Number:F13380476S519/19©BEIESP (Scopus)**
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73. Dr.D.Sivakumar M. Prem Anand ,“Economical Visitor’s Identity Provider”, International Journal Of Innovative Science And Research Technology, Issn No:2456-2165,Vol 4,Issue 6,June 2019 **(Scopus)**
74. Dr.D.Sivakumar M. Prem Anand , “Electronic Stick For Visually Impaired People With Buzzer Alert. International Journal of Recent Technology and Engineering (IJRTE) ,Issn: 2277-3878, Volume-7, Issue-6s5, Pp 1885-1892, April 2019. Retrieval Number:F11580476S519/19©BEIESP (Scopus)
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85. D.Sivakumar, Deepak.R, Dhanush. SdhivyaLakshmi.G., “Monitoring System for Industrial Applications”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019. **Retrieval Number:F13260476S519/19©BEIESP (Scopus)**
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