

## Members from Anna University and Affiliated Colleges

### **Dr. P. Ezhumalai**

Professor & Head

Department of Computer Science and Engineering

R.M.D Engineering College

RSM Nagar, Gummidipoondi Taluk,

Chennai - 601 206, Tamil Nadu, India.

Mobile: +91-9884455173

e-mail : [ezhumalai.es@gmail.com](mailto:ezhumalai.es@gmail.com)

### **List of Publications:**

1. Tupili Sangeetha, P. Ezhumalai, "Enhanced and Cost-Effective Techniques used for Plant Growth in Vertical Agriculture", Materials Today: Proceedings, 2020. ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.11.557>.
2. K. Mandal, M. Rajkumar, P. Ezhumalai, D. Jayakumar, R. Yuvarani, "Improved Security Using Machine Learning for IoT Intrusion Detection System", Materials Today: Proceedings, 2020. ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.10.187>.
3. V. Sharmila, N.R. Rejin Paul, P. Ezhumalai, S. Reetha, S. Naresh Kumar, "IoT Enabled Smart Assistance System Using Face Detection and Recognition for Visually Challenged People", Materials Today: Proceedings, 2020. ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.10.198>.
4. Vedaraj M, Ezhumalai P, "Enhanced Privacy Preservation of Cloud Data by Using ElGamal Elliptic Curve (EGEC) Homomorphic Encryption Scheme", KSII Transactions on Internet & Information Systems, Vol. 14, Issue 11, pp. 4522-4536, November 2020.
5. M. Vedaraj, P. Ezhumalai, "HERDE-MSNB: a Predictive Security Architecture for IoT Health Cloud System", Journal of Ambient Intelligence and Humanized Computing, August 2020, <https://doi.org/10.1007/s12652-020-02408-x>
6. P Ezhumalai, A Chilambuchelvan, C Arun , "Novel Noc Topology Construction for High-Performance Communications" , Journal of Computer Networks and Communications , 2019.
7. Dr. P. Ezhumalai, Nandhini. K, Mohana Priya. S, "Autonomous Fire Fighting Robot with Zigbee", International Journal of Engineering Science and Computing, Volume 9, Issue 3, Pages: 1-4, 2019.
8. P Ezhumalai, Preethi Govindarajulu, "In-vehicle intelligent transport system for preventing road accidents using internet of things ",Int J Appl Eng Res , Volume 13, Pages: 5661-5664, 2018.
9. P. Ezhumalai ,G.Preethi, "In-Vehicle Intelligent Transport System for Preventing Road Accidents Using Internet of Things", International Journal of Applied Engineering Research(IJAER), 2018.

10. P.Ezhumalai M.Devi,” ANT Crowd Conscious Internet of Things Enabled Smart Bus Navigation System”, International Journal of Computer Science and Information Security, (IJCSIS), 2018.
11. P Ezhumalai, D M Kalai Selvi, “An Improved Hadoop Performance Model For Job Estimation And Resource Provisioning In Public Cloud”, International Journal of Pure and Applied Mathematics, Volume 118 , Issue 16, Pages: 1369-1368, 2018.
12. P Ezhumalai, Preethi G, “Intelligent Transport System on Roads through Internet of things”, International conference on advanced technologies in engineering, management and sciences, Volume 1 , Issue 1, Pages: 201-204, 2017.
13. P Ezhumalai, Devi Mukundan ,“ Real Time Bus Navigation system for Smart Bus Transportation”, International conference on advanced technologies in Engineering, Management and Sciences, Volume 1 , Issue 1, Pages: 247-250, 2017
14. P.Ezhumalai, Jausmin K J, “Quick Recognition of Confidential Data Leakage on Transformed E-Mail”, International Journal of Advances in Electronics and Computer Science, Volume 4 , Issue 2, Pages: 64-70, 2017.
15. A.Sarumathi P.Ezhumalai, “Detecting High Level System Problems by Analyzing the Error Logs using Spark”, Advances in Natural and Applied Sciences , Volume 8 , Issue 2, Pages: 92-98, 2017.
16. A Sarumathi, P Ezhumalai, “Detecting high level system problems by analyzing the error logs using spark”, Advances in Natural and Applied Sciences, Vol-10, Issue-14, Pages: 308-316, 2016.
17. D.M.Kalai Selvi P.Ezhumalai “An Improved Hadoop Performance Model With Automated Resource Provisioning And Scalable Data Chunk Similarity Compression Within Constrained Deadline”, Advances in Natural and Applied Sciences, Volume 10, Issue 14, Pages: 347-354, 2016.
18. Archana K.S P.Ezhumalai, “MapReduce Streaming Over Cassandra Datasets”, Advances in Natural and Applied Sciences, Volume 10, Issue 10, Pages: 67-71, 2016.
19. S.Rukmanidevi P.Ezhumalai, E.S. Madhan,” IOT Big Data Piling up System Based Sentimental and pharmacovigilance Analysis in Cloud for Patients”, Emerging Asian journal of Information Technology ,Volume 15, Issue 4, Pages 712-718, 2016.
20. P Ezhumalai,S Prabakaran, Y Chezian, G Ramesh, “A Diversity of cockroaches in yelagiri hills part of Eastern Ghats of Tamil Nadu, India” , International Journal of Fauna and Biological Studies, Volume 2 , Issue 3, Pages: 30-35, 2015.
21. P Ezhumalai, S Gunalakshmi, “Mobile keylogger detection using machine learning technique”, Proceedings of IEEE International Conference on Computer Communication and Systems ICCCS14, IEEE Publisher, Pages: 51-56, 2014.
22. S.Vaishnavi P.Ezhumalai,“ Improving Crime Detection Using Service Discovery Methods”, International Journal of Advanced Research in Computer Science and Software Engineering , Volume 4 , Issue 1, Pages: 797-800, 2014.

23. P Ezhumalai, A Suganthi, Y Chezian, "Zooplankton diversity in certain ponds of Cuddalore dist. of Tamilnadu, India" , Int J Biol Life Sci , Volume 2, Issue 4, Pages 1316-1319, 2014.