

DC Members Details

1. Name : **Dr.P.Pabitha**
2. Designation : **Asst.Professor**
3. Department : **Department of Computer Technology**
4. Name of the Organization : **MIT campus, Anna University,**
5. Place : **Chromepet, Chennai**
6. Pin code : **600044**
7. Mobile Number : **9442172562**
8. E-mail id : **pabithap@gmail.com,
ppabitha@annauniv.edu**
9. Area of Specialization : **Machine learning, Data Analytics, Web Technologies, Software Engg, Semantic Web**
10. Publication details for last five years :

Publications in Journals:

1. Pabitha.P, Amirthavalli.G, Rajaram.M, " Weight Based Approach for Resource Recommendation" International Journal of Soft Computing, Year: 2015 | Volume: 10 | Issue: 1 | Page No.: 83-86 DOI: 10.3923/ijscmp.2015.83.86
2. 8. P.Pabitha, B. Selvalakshmi, R.Jesintha , J.Anthony Sanjana , " Determination of Data Leakage by M-Score Detection " in the International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.42 (2015)
3. Pabitha.P, Naveen Kumar, " Service Discovery Through Functionality Based Service Categorization And Ios Matching Algorithm" in the International Journal of Applied Engineering Research (IJAER) (Accepted) (2015)
4. P. Pabitha, S. Suganthi and Raja Ram, Key Phrase Extraction Using Naive Bayes' in Question Generation System. Asian Journal of Information Technology, Volume 15 issue 3: pp 372-375 (2016)
5. Emilet Annie A., P. Pabitha and Sivaprabha T, "Semantic Story Retrieval Based on Gender Centric and Language Style Identification" International Journal on Control Theory and Application, Vol 8 Issue No. 5 , pp. 1955-1962, 2015 (ISSN : 0974-5572)
6. Sivaprabha T, Pabitha P and Emilet Annie A," Forecast of Places Using Social Photo Tags and Similar User Preferences, " International Journal on Control Theory and Application, Vol 8 Issue No. 5 , pp. 1963-1971, 2015 (ISSN : 0974-5572)
7. Sanjana Babu, Pabitha.P, "A Hill-Climbing Based Information Retrieval Mechanism for Formal Concept Analysis in Folksonomies" , Asian Journal of Research in Social Sciences and Humanities, ISSN:2249-7315 / 2250-1665 (Print) Volume-7, Issue-3 (March) pp 1354-1366 DOI:10.5958/2249-7315.2017.00248.9 (2017)
8. S.S. Ramyadharshni and Dr.P. Pabitha "Topic Categorization on Social Network Using Latent Dirichlet Allocation "Bonfring International Journal of Software Engineering and Soft Computing, Vol. 8, No. 2, pp 16-20 DOI : 10.9756/BIJSESC.8390 April 2018
9. S. Jayapratha and Dr.P. Pabitha " Topic Categorization based on User behaviour in Random Social Networks Using Firefly Algorithm" Bonfring International Journal of Software Engineering and Soft Computing, Vol. 8, No. 2, pp 11-15 DOI : 10.9756/BIJSESC.8389 April 2018
10. Dr.P.Pabitha, Rajalakshmi.S "Novel Car Parking System Using Swarm Intelligence" International Journal of Pure and Applied Mathematics Volume 117 No. 16 2017,

289-298 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) UGC approved Journal url: <http://www.ijpam.eu> Special Issue (2017)

11. Dr.P.Pabitha, Rajalakshmi.S "Optimal Provisioning and Scheduling of Analytics as a Service in Cloud Computing" Transactions on Emerging Telecommunications Technologies, WILEY-BLACKWELL volume 30, issue 9 2161-3915.
12. Dr.P.Pabitha, Rajalakshmi.S " An Optimal K Nearest Neighbor for weather Prediction using metaheuristic algorithm" in International Journal of Applied Metaheuristic Computing (IJAMC), IGI Global. (Communicated)
13. M.Prakash, P.Pabitha, " A hybrid node classification mechanism for influential node prediction in Social Networks"
14. Dr.P.Pabitha, Deepika, Defending against child death: deep learning based diagnosis methods for abnormal identification of fetus ultra sound images, Computational Intelligence(0824-7935), pp1-23, Oct 2020

Book Chapter:

1. Dr.P.Pabitha, Rajalakshmi.S "Secure Pervasive Health care system and Diabetes Prediction using Heuristic algorithm book titled "Intelligent Pervasive Computing Systems for Smarter Healthcare" to be published by Wiley Publishers Print ISBN:9781119438960 |Online ISBN:9781119439004 |DOI:10.1002/9781119439004 July 2019.
2. Nivitha.K, P.Pabitha, " A Survey on Machine learning based fault tolerant mechanisms in cloud towards uncertainty analysis" in Springer Lecture Notes on Data Engineering and Communications Technologies book series Proceedings of the International Conference on Computer Networks, Big Data and IoT (ICCBI - 2019/19-20 dec 2019)LNDECT, volume 49, pp 13-20 (https://link.springer.com/chapter/10.1007/978-3-030-43192-1_2)
3. Nivitha.K, Solaiappan.A, P.Pabitha," Robust service selection through intelligent clustering in an uncertain environment" in Springer Intelligence in Big Data Technologies-Beyond the Hype, Proceedings of 3rd International conference on Big data and cloud computing, 6th-7th dec 2019 book series (AISC, volume 1167) pp325-332 (https://link.springer.com/chapter/10.1007/978-981-15-5285-4_32)
4. Dr.P.Pabitha, Rajalakshmi.S A Study on Meta heuristic algorithms for feature selection Springer International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2018), August 2018. Will be published in Springer Lecture Notes on Data Engineering and Communications Technologies by Springer in 2019. (https://link.springer.com/chapter/10.1007/978-3-030-03146-6_151) ISSN(2367-4512) vol26 Pages 1291-1298

Publications in Conferences:

1. Preethy.S, Dr.P.Pabitha, "Application of QFD techniques to enhance suggestions for agricultural information service ", Proceedings of IEEE International conference on Information Communication and Embedded Systems (ICICES2016), Feb 2016
2. S.Sharmila,R.Beula Mercy, P.Pabitha, " Story Emotions Identification System Using Semantic Analysis" in the Proceedings of IEEE International Conference on Computing Technologies, March 2017
3. Juhi.S, Dinesh Ashok.S, Pabitha.P," Cognitive Skill assessment using Pallanguzhi" in the Proceedings of IEEE International Conference on Computing Technologies, pp 294-297 March 2017.

4. Dr.P.Pabitha, Rajalakshmi.S, An Efficient Cancer Prediction Mechanism Using SA and SVM, IEEE International Conference on Intelligent Computing and Control Systems - ICCS 2018 presented on June 2018, Will be published in December 2018
5. Dr.P.Pabitha, Rajalakshmi.S, Freezing Of Gait Prediction In Parkinsons Patients Using Neural Network, IEEE International Conference on Intelligent Computing and Control Systems - ICCS 2018 presented on June 2018, Will be published in December 2018 (Xplore - 978-1-5386-2842-3)
6. Dr.P.Pabitha, Rajalakshmi.S "Optimal detection of phishing attack using SCA based K-NN " in the 4th International Conference on Advanced Computing and Intelligent Engineering" organised by Rama Devi Women's University, Vidya Vihar, Bhubaneswar, India Proceeding in Springer LNCS series. (Accepted)
7. Divya, K., Prakash, M. and Pabitha, P "Analysing the Competency of Various Decision Trees towards Community Formation in Multiple Social Networks" in IEEE International Conference on Communication and Signal Processing (ICCSP) pp. 0099-0103 **DOI:** 10.1109/ICCSP.2019.8698110, Apr 2019
8. Prakash, M., Ramakrishnan, R., and Pabitha, P., "A Novel Algorithm for Top- k Community Detection In Dynamic Social Networks" on IEEE International Conference on Innovations in Power and Advanced Computing Technologies(i-Pact 19) 22-23 march 2019 (pp. 001-007) , 2019 **DOI:** 10.1109/i-PACT44901.2019.8960034
9. Rajalakshmi N. ; Sri Sainee Thirumurugan ; Anuja S. ; P. Pabitha, "User Preference Based Community Categorization Towards Video Recommendation Using Kolam Structure In Online Social Networks", **Published in:** 2019 Innovations in Power and Advanced Computing Technologies (i-PACT) 22-23 march 2019 pp **DOI:** 10.1109/i-PACT44901.2019.8960049
10. Dr.P.Pabitha, Rajalakshmi.S ,”Optimal Detection of Phising Attack Using SCA based K-NN” in Third International Conference on Computing and Network Communications (CoCoNet’19), will be published in Procedia Computer Science (Elsevier) 2019
11. Dr.P.Pabitha, Prakash.M, " An efficient recommender system using collaborative correlation methodology" International conference on IEEE Intelligent computing and control systems (ICICCS 2020) organised by Vaigai college of engg, Madurai 13-15 may 2020. (online)
12. Dr.P.Pabitha, Nivitha, " Fault diagnosis for uncertain cloud environment through fault injection mechanism" International conference on IEEE Intelligent computing and control systems (ICICCS 2020) organised by Vaigai college of engg, Madurai 13-15 may 2020. (online)
