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**Area of Specialization** :

## **PUBLICATIONS:**

### **Journals**

1. E.Ramanujam, 'A Review on Time Series Motif discovery techniques an Application to ECG Signal classification', International Journal of Artificial Intelligence and Machine Learning, Vol. 9, No. 2, 2019, IGI Publisher, Scopus Indexed.
2. S.Padmavathi, B.Subbulakshmi, "Tailor-made Educational Model realizing Intended Learning Outcome to enhance competencies among Engineering graduates", Special Issue in Journal of Engineering Education Transformations, January 2018
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6. S.Padmavathi, A.ArockiaBazil Raj, " Quality Metrics and Reliability Analysis of Laser Communication Systems", Defense Science Journal, Vol.66, No:2, pp: 175-185, March 2016, Impact Factor: 0.428.
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8. S.Padmavathi, A.V.Monisha , K.Sindhuja, “Performance Analysis of Agent-based framework”, Procedia Computer Science, Elsevier, Vol.47,pp: 37-44,2015
9. S.Padmavathi, AT.Saraswathi, Y.Ra.Kalaashri, “Dynamic Resource Allocation Scheme in Cloud computing”, Procedia Computer Science, Elsevier, Vol.47, pp:30-36, 2015  
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13. 'A Comprehensive Review on Time Series Motif Discovery using Evolutionary Techniques', International Journal of Advanced Intelligence Paradigms, Inderscience (InPress), Scopus Indexed. Authors : E. Ramanujam, S. Padmavathi

## Conferences

1. Santhiya,C. and S.Padmavathi,”An Intelligent Resource Optimization Approach for Social Networks in Fog Computing”, 2018 IEEE 4th International Symposium on Robotics and Manufacturing Automation,IEEE ROMA 2018, December 10-12, 2018.
2. AishwaryaG.V.,MohamedShakir F, Kokila,C.S.Padmavathi ,”Cloud Based Personalized Healthcare Using Deep Learning Framework”,2019 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing – INCOS19” held during 11th to 13th, April 2019.(Available in IEEE Xplore)
3. Jeyashree, G. and S.Padmavathi, “ An Intelligent Architectural Framework for Fog Computing Supported IoT Applications”, 2018 IEEE 4th International Symposium on Robotics and Manufacturing Automation,IEEE ROMA 2018, December 10-12, 2018.
4. E. Ramanujam, S. Padmavathi, G. Dharshani, M.R.R. Madhumitta, “Evaluation of Feature Extraction and Recognition for Human Activity using Smartphone based Accelerometer data”,11th International conference on Advanced Computing (ICoAC 2019), Anna University, MIT Campuses, 18-20, December, 2019 [IEEE- xplore].
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7. S.Padmavathi and G.Jeyashree, " An Adaptive ARP Approach for Fog Based RSU Utilization",in 2nd International Conference on Smart Computing & Informatics (SCI2018) during 27th to 28th Januray 2018.
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9. S.Padmavathi and T.Manju, "A Rehabilitation therapy for Autism Spectrum disorder",2017 Second International Conference on Intelligent Information Technologies,Anna University, CEG Campus, Chennai,Dec 20th, 2017
10. S.Padmavathi and SruthiSivakumar, "HAAS:Intelligent Cloud for Smart Health Care Solutions", 1st International Conference on Smart Systems,Innovations& Computing (SSIC-2017),Manipal University Jaipur, 14th to 16th April 2017.
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14. S.Padmavathi,"Multi-Agent Framework for Cloud Service Composition",2016 International Conference on Emerging Trends in Engineering, Technology and Science,ICETETS-2016,24-26 February 2016
15. S.Padmavathi,"Hierarchical Algorithm for Document Clustering in Cloud Storage", National Conference on Research Challenges in SMAC,NCSMAC2016,Thiagarajar College of Engineering, 29th to 30th January 2016