

Name: Dr.B.ANGELIN

Designation: Assistant Professor

Department: Computer Studies

Qualification: M.Sc., M.Phil., Ph.D.,

Experience: Teaching: 2 Year 5 Months

Area of Specialization(s): Data Mining

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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D	Computer Science	Chikkanna Govt Arts College-Tirupur	2023
M. Phil	Computer Science	Govt Arts College (Autonomous)-CBE	2018
M.Sc	Computer Science	Govt Arts College (Autonomous)-CBE	2016
B. C.A	Computer Applications	Pioneer College of Arts and Science-CBE	2014

Academic Experience

Designation	Institution	Year
Guest Lecturer in CLP	Govt Arts College (A) - Coimbatore	1 Year
Assistant Professor	KSG College of Arts and Science	1 Year 5 Months - Till Date

Research Publications (Indexed)

1. B.Angelin, “An Outlier detection using clustering algorithm and its techniques” IJSRET, Vol 8, Issue 2, March 2022,ISSN(online)2395-566X.
1. B.Angelin, Dr.A.Geetha, “Review on Outlier Detection using Clustering Algorithm”, Science, Technology and Development (STD), ISSN 0950-0707, Volume IX, Issue No: 1, Jan 2020, PP 374 -380. **(UGC CARE GROUP II)** till 2020.
2. B. Angelin, Dr.A.Geetha, “Outlier Detection using Clustering Techniques – K-means and K-median” IEEE Proceedings of the International Conference on Intelligent Computing and Control Systems (ICICCS 2020), ISBN 978-1-7281- 4876-2 , PP 373-378. (Conference Proceedings by **SCOPUS**)
3. B.Angelin, Dr.A.Geetha “Dragonfly K-means for Outlier Detection using ROC Curve Method” International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) , ISSN:2582-5208 , Volume II, Issue No: 7, Jul 2020, PP 1070-1076. **(International Journal)**
4. B.Angelin, Dr.A.Geetha “A ROC Curve based K-means Clustering for Outlier Detection using Dragonfly Optimization” Turkish Journal of Computer and Mathematics Education (TURCOMAT), E-ISSN: 1309-4653 Volume XII, Issue No:9, April 2021, PP 467-476. (**SCOPUS** from 2018 to 2020)
5. B.Angelin, Dr.A.Geetha “ROC Curve Based Multi_Objective PSO for Outlier Detection Using Hybrid Dragonfly Optimization” Turkish Online Journal of Qualitative Inquiry (TOJQI), ISSN:1309-6591 Volume XII, Issue No:5,June 2021, PP 1422-1442. (**SCOPUS** from 2020 to Present)
6. B.Angelin, Dr.A.Geetha “Comparative Analysis of Outlier Detection in Clustering Algorithm Using Optimization Techniques” International Journal of Scientific Research and Engineering Development(IJSRED), ISSN:2581- 7175,Volume 4, Issue No: 3, June 2021, PP 1441-1445. **(International Journal)**
7. Dr.D. Devakumari , B.Angelin “OUTLIER DETECTION USING CLUSTERING ALGORITHM A SURVEY” IJAIST, Vol 6,issue 10,October 2017 ISSN 2319-2682(PP 1-5)
8. Dr.D.Devakumari, B.Angelin “AN OUTLIER DETECTION USING K-MEDIAN CLUSTERING ALGORITHM” IJAIET , Vol 4, issue 11, November 2017, ISSN 2454-6933(PP-5-8)

Presentations in Conference

1. Presented by B. Angelin, Dr.A.Geetha, “Outlier Detection using Clustering Techniques – K-means and K-median” IEEE Proceedings of the International Conference on Intelligent Computing and Control Systems (ICICCS 2020), ISBN 978-1-7281- 4876-2 , PP 373-378.