

Dr. S. P. SYED IBRAHIM. B.E., M.E., Ph.D
Assistant Director – International Relations &
PROFESSOR (Grade II)
SCHOOL OF COMPUTING SCIENCES & ENGINEERING
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Areas of Specialization: Big Data Analytics, Data Science, Data Mining and Machine Learning.

Academic Career

Sl. No	Designation	Institution	from	to
1	Professor (Grade II)	VIT University, Chennai Campus, Tamilnadu, India	01.07.2017	Till Now
1	Professor	VIT University, Chennai Campus, Tamilnadu, India	02.05.2013	30.06.2017
2	Assistant Professor	PSG College of Technology, Coimbatore, Tamilnadu, India	11.09.2006	30.04.2013

Educational Qualification

Sl. No	Degree	Specialization	University	Month and Year of Completion
1	Ph.D	Computer Science and Engineering - Faculty of I & CE	Anna University, Chennai,	February 2013
2	M.E	Computer Science and Engineering	Anna University, Chennai	July 2006
3	B.E	Computer Science and Engineering	Bharathidasan University, Trichy	May 2004

Research Guidance:

No of Ph.D – Submitted Thesis : **02**
 On going : **03**
 No of PG Projects Guided : **70**
 No of UG Projects Guided : **60**

Academic Achievements:

1. Assistant Director – International Relations from June 2017 to till date.
 - a. Signed 20 MoU's during this period
 - b. Visited UK to organize VIT – Cambridge summit 2018 during Jan 04 – 06, 2018.
 - c. Visited Heriot-watt University, Edinburgh and Glasgow Caledonian University, Scotland to initiate academic activities.
 - d. Visited Japan under Sakura Science Exchange program in 2020.
2. **Coordinator** for Data Analytics Research Group from June 2014 to July 2018.
 - a. Successfully started **PG and UG** courses on “M.Tech CSE with specialization in Artificial Intelligence and Machine Learning” , “B.Tech CSE with specialization in Artificial Intelligence and Machine Learning” in the year 2019.
 - b. Successfully started a PG Course “**M.Tech CSE with specialization in Big Data Analytics Course**”, in the year 2013, a First of its kind program in INDIA.
 - c. Successfully organized **6 sessions of 2 Credit Short term course on Big Data Analytics for Students from Deakin University, Australia @ VIT Chennai**.
 - d. Organized 6 different **Industrial Conclave on Big Data Analytics** during 2013, 2015 and 2016.
 - e. Arranged Industrial Internship to 42 students in various Industries like Paypal, IBM, Amazon etc.,
3. Received Rs. 6,00,000 as fund from Department of Science and Technology (DST) and organized **DST sponsored National Workshop on Data Science Research** during Nov 30 – Dec 02, 2016

Papers Published in International Journals: (Recent 3 Years)

2020:

1. G. Suganeshwari, S. P. Syed Ibrahim (2020) “Rule-Based Effective Collaborative Recommendation Using Unfavorable Preference” IEEE Access, 1-8. (SCI).
2. Gourav Dutta, S. P. Syed Ibrahim (2020) “Comparative Analysis of Different Machine Learning Algorithms on Intrusion Detection System”, International Journal of Control and Automation 13 (02), 1505 – 1520. (Scopus).
3. JW Joe, M Ghinaiya, SPS Ibrahim(2020) “Effective Mining of High Utility Itemsets with Automated Minimum Utility Thresholds” Intelligent Computing and Innovation on Data Science, 277-285.
4. Laby K., Sudhakar M., Janaki Meena M., Syed Ibrahim S.P. (2020) Applications of Memetic Algorithms in Image Processing Using Deep Learning. In: Hemanth D., Kumar B., Manavalan G. (eds) Recent Advances on Memetic Algorithms and its Applications in Image Processing. Studies in Computational Intelligence, vol 873. Springer, Singapore.

2019:

5. G. Suganeshwari, S.P Syed Ibrahim A Movie Recommendation using Common Genre Relation on User-Item Subgroup, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1S3, Dec 2019. (Scopus)
6. Preeti Tamrakar, Siddharth Singha Roy, Biswajit Satapathy, S.P. Syed Ibrahim, "Integration of lazy learning associative classification with kNN algorithm", In IEEE Xplore, International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN), Pages 1-4, Nov 2019. DOI: 10.1109/ViTECoN.2019.8899415.
7. Suganeshwari G, Syed Ibrahim SP, A Movie Recommendation Using Common Genre Relation on User-Item Subgroup. Presented at Indiana Summit (2019).

8. Vempati Amrutha Lakshmi, M Janaki Meena, SP Syed Ibrahim "Big data analytics framework to analyse student's performance" *Journal of Computational Complexity and Intelligent Algorithms*, Volume 1, Issue 2, 154-164, Nov 2019. (Scopus)
9. Nayan N Shende, SP Syed Ibrahim "Layout detection using computer vision" *International Journal of Computational Complexity and Intelligent Algorithms*, Volume 1, Issue 2, pp 165-177, Nov 2019. (Scopus)
10. Suganeshwari G, Syed Ibrahim SP, (2019), 'Time Adaptive Collaborative Filtering for Movie Recommendation,' *Pertanika Journal of Science & Technology*, 27(4), 1783-1802, Oct, 2019. (WEB OF SCIENCE)
11. Kalaivani Kalamohan, Paramasamy Gunasekaran, Syed Ibrahim "Gene coexpression network analysis of multiple cancers discovers the varying stem cell features between gastric and breast cancer" *Meta Gene*, Volume 21, September 2019. (Scopus)
12. Vijayakumar S., Syed Ibrahim S.P."Mining learners' data to perceive the need for German for academic purposes", *International Journal of Recent Technology and Engineering*, ISSN: 2277-3878, Volume-8 Issue-2, July 2019. (Scopus)
13. R Roy, SPS Ibrahim" An Approach in Big Data Analytics Framework for Analysing Huge Gene Transcription Data. *International Journal of Basic Sciences and Applied Computing (IJBSAC)* ISSN: 2394-367X, Volume-2 Issue-7, June 2019.
14. Preeti Tamrakar, S.P. Syed Ibrahim, "Lazy Learning Associative Classification with Hybrid Feature Selection", In *International Journal of Recent Technology and Engineering*, Vol. 8, No.1, 299-303, May 2019. (Scopus)
15. Anand Pandey, Aman Sharma, S P Syed Ibrahim. Clinical Image Analysis for Detection of Skin Cancer Using Convolution Neural Networks. *Ther Res Skin Dis* 1(3)-2018.TRSD.MS.ID.000111., May 2019. (Scopus).
16. U Chaudhari, SPS Ibrahim "Stakeholder Targeting and Engagement Platform", *International Journal of Recent Technology and Engineering (IJRTE)* ISSN: 2277-3878, Volume-8, Issue-1, May 2019.
17. Preeti Tamrakar, SP Syed Ibrahim, "Comparative Study of different Lazy Learning Associative Classification Methods", *Procedia Computer Science*, Elsevier, Vol. 165, PP. 370-376, 2019.DOI: <https://doi.org/10.1016/j.procs.2020.01.036>. (Scopus)

2018:

18. Anand L., Syed Ibrahim S.P. "HANN: A Hybrid Model for Liver Syndrome Classification by Feature Assortment Optimization" *Journal of Medical Systems* (2018) 42: 211. (WEB OF SCIENCE)
19. S.P.Siddique Ibrahim, M. Sivabalakrishnan, S.P. Syed Ibrahim "Lazy Learning Associative Classification in MapReduce Framework" *International Journal of Recent Technology and Engineering (IJRTE)* ISSN: 2277-3878, Volume-7 Issue-4S, November 2018. (Scopus)
20. G.Suganeshwari and S. P. Syed Ibrahim, Gang Li, Lazy Collaborative Filtering with Dynamic Neighborhoods" *Information Discovery and Delivery*, Vol 46, Issue 2, pp.95-109, 2018. (Scopus)
21. Preeti Tamrakar and S. P. Syed Ibrahim, "Attribute Ranking Based Lazy Learning Associative Classification", *ARPN Journal of Engineering and Applied Sciences*", Vol 13, issue 11, June 2018. (Scopus)
22. G. Suganeshwari and S.P. Syed Ibrahim,"A Comparative Study on Similarity Measures in Collaborative Filtering Algorithms for Movie Recommendation", *International Journal of Pure and Applied Mathematics*, Vol 119, issue 15, 2018, 1495-1504. (Scopus)

23. Preeti Tamrakar and S.P. Syed Ibrahim, "A Review of Lazy Learning Associative Classifications", *International Journal of Pure and Applied Mathematics* vol 119, issue 15, 2018, pp 1507-1515. (Scopus).

2017:

24. Pranav Vilas Vaidya, Janaki Meena M, Syed Ibrahim SP, Cloud-based data analytics framework for mobile app event analysis, *Asian Journal of Pharmaceutical and Clinical Research*, pp 207 – 210, April 2017. (Scopus)
25. Gayatri K. Pradhan, Sarath Gollapalli, M Janakimeena, Syedibrahim SP, Survey on advisor intelligence through purchase patterns and sales analytics, *Asian Journal of Pharmaceutical and Clinical Research*, pp 302 – 304, April 2017. (Scopus)
26. Nilanjana Dev Nath, Shreekant Jha, Janki Meena M, Syedibrahim S.P, A survey on elastic search similarity algorithm, *Asian Journal of Pharmaceutical and Clinical Research*, pp 361 – 364, April 2017. (Scopus)
27. Priyanka Sharma, M Janaki Meena, S P Syed Ibrahim, Media mix modeling comparison of interaction model to simple log-linear model, *Asian Journal of Pharmaceutical and Clinical Research*, pp 390- 393, April 2017. (Scopus)

2016:

28. G.Suganeshwari and S. P. Syed Ibrahim, A Survey on collaborative filtering based recommendation system Springer paper Smart Innovation, Systems and Technologies in association with 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC'2016): DOI 10.1007/978-3-319-30348-2. (Scopus).
29. M. Janaki Meena, S. P. Syed Ibrahim (2016), "Statistical and Evolutionary Feature Selection Techniques Parallelized using MapReduce Programming Model" Springer book on Evolutionary Algorithms to handle Big Data, Volume: 17, Issue: 1, 2016, pp 159 – 180, ISSN/ISBN Nos: 2197-6503.
30. J. Wisely Joe and S.P. Syed Ibrahim, A Novel Approach for High Utility Closed Itemset Mining with Transaction Splitting, Springer paper Smart Innovation, Systems and Technologies in association with 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC'2016): DOI 10.1007/978-3-319-30348-2. (Scopus)
31. Darshan Barapatre, Janaki Meena M, Syed Ibrahim S P, Twitter Data Classification using Side Information, Springer paper Smart Innovation, Systems and Technologies in association with 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC'2016): DOI 10.1007/978-3-319-30348-2. (Scopus)
32. Riddhi Anjankumar Shah, Janaki Meena, Syed Ibrahim, Efficient Mining of Top k-closed Itemset in Real Time Springer paper Smart Innovation, Systems and Technologies in association with 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC'2016): DOI 10.1007/978-3-319-30348-2. (Scopus)
33. Nilanjana Dev Nath, Janaki Meena, Syed Ibrahim, Mining Frequent Itemsets in Real Time, Springer paper Smart Innovation, Systems and Technologies in association with 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC'2016): DOI 10.1007/978-3-319-30348-2. (Scopus).

Papers Published in International Conferences:

1. Suganeshwari G, Syed Ibrahim SP, A Movie Recommendation Using Common Genre Relation on User-Item Subgroup. Presented at Indiana Summit (2019).
2. Preeti Tamrakar, Siddharth Singha Roy, Biswajit Satapathy, S.P. Syed Ibrahim, "Integration of lazy learning associative classification with kNN algorithm", In IEEE Xplore, International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN), Pages 1-4, Nov 2019. **DOI:** 10.1109/ViTECoN.2019.8899415.
3. Jahnab Kumar Deka, Syed Ibrahim. S. P., "Driver Behavior Recognition Based on Real Time Driving Information" in the International Conference On Technological Convergence For Information, Health, Food and Energy Security , May 2015, CSIR, Chennai.
4. Anshu Kaura and Syed Ibrahim S P "Efficient Clustering of Data Extracted from Social Networking Sites" in the International Conference On Technological Convergence For Information, Health, Food and Energy Security, May 2015, CSIR, Chennai.
5. Rucha Kande, Syed Ibrahim S P " Efficient Classification of Data Extracted from Social Networking Sites" in the International Conference On Technological Convergence For Information, Health, Food and Energy Security, May 2015, CSIR, Chennai.
6. Aditi Site, Syed Ibrahim S P "Text Classification Using Side Data", in the International Conference On Technological Convergence For Information, Health, Food and Energy Security, May 2015, CSIR, Chennai.
7. Monika Bhajipale, Syed Ibrahim S P "Extracting frequent itemset using Graph Database" in the International Conference On Technological Convergence For Information, Health, Food and Energy Security, May 2015, CSIR, Chennai.