Name of Faculty	Mr Panigrahi Srikanth
Designation	Assistant Professor
Nature of Job/Appointment	Regular
Date of Joining	21-03-2024
E-mail	panigrahisrikanth_cseaiml@cbit.ac.in

Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy	Pursing
PG	M. Tech (CSE)	Distinction
UG	B.Tech (CSE)	First Class

Work Experience

Teaching	5 Years 6 months
Research	02 years
Industry	--
Others	--

Area of Specialization	Machine Learning, Multi-Modal Deep Learning, Audio signal processing and Natural language processing.
Professional Memberships	1. Association for Computing Machinery (ACM) - membership - **2198934** 2. International Association of Engineers (IAENG) - Member No: **166671**
Responsibilities held at Institution Level	-
Responsibilities held at Department Level	-
Research Guidance	
Awards Received	1. I got Global outreach education award 2019 for excellence in teacher in computer science and engineering, 2nd Global outreach research and education summit & awards 2019, 30th April 2019, Hyderabad. 2. Panigrahi Srikanth and Dharmaiah deverapalli ,"CFTDISM:Clustering Financial Text Documents Using Improved Similarity Measure", 2017 IEEE International Conferences on Computational Intelligence and Computing Research (ICCIC 2017), 2016. IEEE-2017. Won the BEST PAPER AWARD.
Courses Handled at Under Graduate / Post Graduate Level.	**Undergraduate Level:-** Introduction to AI, Data Mining and Data warehousing, Fundamentals of AI, Techniques and Applications, Introduction to Data Science, Computational intelligence,Machine Learning, Deep Learning, Soft Computing Techniques, Big Data Analytics, Object oriented Programming through Java, Design analysis and algorithm Distributed Systems, Problem solving using C and Natural Language Processing.

Postgraduate Level:-

Soft Computing Techniques and Fundamental of Computer science and Engineering.

No. of Papers Published	National Journals – 00	International Journals – 04
	National Conference – 00	International Conference – 12
Projects Carried out	-	
Patents	-	
Technology Transfer	--	

Invited Speaker

1. Acted as a Resource person in one day on "The Dawn of LMMs: Preliminary Explorations with GPT-4V(ision)" at Computer Society of India (CSI) at GMR Institute of Technology, Rajam on 16 November 2023.
2. Acted as a Resource person in one day on "BiomedGPT: A Unified and Generalist Biomedical Generative Pre-trained Transformer for Vision, Language, and Multimodal Tasks" at at Computer Society of India (CSI) at GMR Institute of Technology, Rajam on 16 November 2023.

No. of Books/Chapter Published with details

Devarapalli, D., Srikanth, P., & Elngar, A. A. (2022). GROCD: Novel Fuzzy Rules Based on Efficient Clustering and Classification of BDNF with Type-2 Diabetes Mellitus. In Empowering Artificial Intelligence Through Machine Learning (pp. 83-96). Apple Academic Press.

Workshops/ Events Organized :-

1. Online National FDP on "Emerging Research Trends in Computer Science and Engineering" (ERTCSE-2020), Organizing Department of CSE, GMR Institute of Technology, Held 19th October – 23rd October 2020.
2. Online National FDP on "Recent Trends in Big Data, Data Science and it's Applications"-(RTBDA-2021), Organizing Department of CSE, GMR Institute of Technology, Held 05-06-2021 to 09-06-2021.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings **(Attended and/or Organized).**

OC/RC/STTP/FDP/ Workshops attended:-

1	Participated & completed successfully AICTE and Learning (ATAL) Academy Online FDP on "Block Chain", from 27-05-2020 to 31-05-2020 at MSME – Technology Development Centre (PPDC), Meerut.
2	Participated & Completed successfully AICTE and Learning (ATAL) Academy Online FDP on "Cyber Security", from 25-05-2020 to 29-05-2020 at Punjab Engineering College (Deemed to be University).
3	Participated and successfully completed one week online FDP under SAGE SUMMER SCHOOL on "Machine Learning and Applications (18-23 May, 2020) organized by Department of Computer Science and Engineering , Sagar Institute of Research & Technology , Bhopal.

4	Participated one week Faculty Development Programme on PHP & MySQL from 18.05.2020 to 23.05.2020 organized by Department of CSE , JNTUH College of Engineering, jagtial in association with Spoken Tutorial IIT-Bombay.
5	Participated Seven days FDP on “Innovation in Information Technology post COVID-19” organized by UG department of computer applications (BCA) association with CSI- NGM Student Branch from 21st may 2020 to 27th May 2020.
6	Participated in a 5-Day National Level online FDP on Artificial Intelligence from 22nd May to 26th May,2020 Organized by Department of CSE in Association with NYCI & Brain vision Solutions India Pvt.ltd setting a proud world record with 13000 diligent learners across the nation.
7.	Participated Five days online FDP on “CS6701 – Cryptography and Network Security” Conducted by Department of CSE at Panimalar Institute of Technology held from 11-05-2020 to 15-05-2020.
8.	Participated Five days Principles of Management Faculty Development Program from 18.05.2020 to 22.05.2020 conducted by CSE Department from Panimalar Institute of Technology in association with CSI and IEEE Computer Society.
9.	Participated in Online Five days FDP on “Artificial Intelligence and its Applications “Conducted by Department of CSE, in Collaboration with 360digiTMG from 25th May 2020 to 30th May 2020.
10.	Participated National Level One Week Online Faculty Development Programme on "IT INDUSTRY REAL-TIME TOOLS" jointly organized by Department of CSE & IT, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad, Telangana from 29.06.2020 to 03.07.2020.
11.	Participated the ICT Mode STTP on “Artificial Intelligence” from 15/06/2020 to 19/06/2020, NITTTRK.
12.	Participated Online one week International Faculty Deployment Programme on “Recent Trends in Science and Technology”, organized by Suresh Gyan Vihar University, during 15th June -20th June 2020.
13.	Participated one week Faculty Deployment Programme on “Recent IT Technologies, writing papers and funding proposals”, organized by Dept. of Computer Science & Information Technology of RIT, under RIT-Center for Teaching and Learning in association with CSI and IEEE Bombay Section on 20 June to 24 June, 2020
14.	Participated 3-Day online FDP on "Information Security & Cryptography", Organized by Department of Computer Science & Engineering, Lendi Institute of Engineering & Technology from 20-06-2020 to 22-06-2020.
15.	Participated one week Faculty Deployment Programme on “Python 3.4.3 & Python Django”, organized by Department of CSE , CMR Engineering College association with Spoken tutorial IIT Bombay, from 08-06-2020 to 13-06-2020.

Details of Journal Publications/ Conferences **(National and International)**

Google Scholar : https://scholar.google.co.in/citations?user=ZoWsbdMAAAAJ&hl=en&oi=ao

Scopus Link : https://www.scopus.com/authid/detail.uri?authorId=56543099400

International Journals:-

1. Velaga, S. M., Srikanth, P., & Basha, D. K. (2024). KBSS: an efficient approach of extracting text contents from lecture videos-computational intelligence techniques. International Journal of Cloud Computing, 13(1), 1-24. **(Scopus and WoS)**
2. Srikanth, P. (2021). An efficient approach for clustering and classification for fraud detection using bankruptcy data in IoT environment. International Journal of Information Technology, 13(6), 2497-2503. **(Scopus).**
3. Devarapalli, D., Srikanth, P., Rao, M. N., & Rao, J. V. (2016). Identification of AIDS disease severity based on computational intelligence techniques using clonal selection algorithm. International Journal of Convergence Computing, 2(3-4), 193-207. (**WoS**)
4. Srikanth, P., Anusha, C., & Devarapalli, D. (2015). A computational intelligence technique for effective medical diagnosis using decision tree algorithm. i-Manager's Journal on Computer Science, 3(1), 21. (**WoS**).

International Conferences:-

1. Srikantrh, P., & Behera, C. K. (2022, July). A machine learning framework for covid detection using cough sounds. In 2022 International Conference on Engineering & MIS (ICEMIS) (pp. 1-5). IEEE. **(Scopus and WoS).**
2. Srikanth, P., & Behera, C. K. (2022, July). An Empirical study and assessment of minority oversampling with Dynamic Ensemble Selection on COVID-19 utilizing Blood Sample. In 2022 International Conference on Engineering & MIS (ICEMIS) (pp. 1-7). IEEE. **(Scopus and WoS).**
3. Panigrahi, S. (2020, April). Design and Analysis of Efficient Cluster Using Novel Dissimilarity Measure and Classification for High Dimensional Cancer Datasets. In Proceedings of the International Conference on Innovative Computing & Communications (ICICC) **(Scopus).**
4. Panigrahi, S., Saitejaswi, K., & Devarapalli, D. (2019, February). Teju: fraud detection and improving classification performance for bankruptcy datasets using machine learning techniques. In Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM), Amity University Rajasthan, Jaipur-India **(Scopus).**
5. Mangathayaru, N., Mathura Bai, B., & Srikanth, P. (2018). Clustering and classification of effective diabetes diagnosis: Computational intelligence techniques using PCA with kNN. In Information and Communication Technology for Intelligent Systems (ICTIS 2017)-Volume 1 2 (pp. 426-440). Springer **(Scopus and WoS).**
6. Devarapalli, D. D., & Srikanth, P. (2018). A Novel Cluster Algorithms of Analysis and Predict for Brain Derived Neurotrophic Factor (BDNF) Using Diabetes Patients. In Data Engineering and Intelligent Computing: Proceedings of IC3T 2016 (pp. 109-125). Springer Singapore **(Scopus and WoS).**
7. Srikanth, P., & Deverapalli, D. (2017, December). CFTDISM: Clustering financial text documents using improved similarity measure. In 2017 IEEE International conference on computational intelligence and computing research (ICCIC) (pp. 1-4). IEEE **(Scopus and WoS).**
8. Srikanth, P. (2016, December). Clustering algorithm of Novel distribution function for dimensionality reduction using big data of OMICS: Health, clinical and Biology Research Information. In 2016 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC) (pp. 1-6). IEEE **(Scopus and WoS).**
9. Srikanth, P., & Rajasekhar, N. (2016, September). A novel cluster analysis for gene-miRNA interactions

documents using improved similarity measure. In 2016 International Conference on Engineering & MIS (ICEMIS) (pp. 1-7). IEEE **(Scopus and WoS).**

10. Srikanth, P., & Deverapalli, D. (2016, February). A critical study of classification algorithms using diabetes diagnosis. In 2016 IEEE 6th international conference on advanced computing (IACC) (pp. 245-249). IEEE **(Scopus and WoS).**
11. Devarapalli, D., & Srikanth, P. (2015). Identification of AIDS Disease Severity Using Genetic Algorithm. Computational Intelligence Techniques for Comparative Genomics: Dedicated to Prof. Allam Appa Rao on the Occasion of His 65th Birthday, 99-111 **(Scopus and WoS).**
12. Devarapalli, D., Anusha, C., & Srikanth, P. (2015). Identification of Deleterious SNPs in TACR1 Gene Using Genetic Algorithm. Computational Intelligence Techniques for Comparative Genomics: Dedicated to Prof. Allam Appa Rao on the Occasion of His 65th Birthday, 87-97 **(Scopus and WoS).**

CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY
స్వయం తేజస్వీన్ భవ
1979