Personal Information

Name	Dr. Venkatesh B
Years of Experience	Teaching: 5 Years Research: 4 Years
Email Id	venkatesh.b@bvrithyderabad.edu.in
Areas of Specialization	Data Mining, Machine Learning, Deep Learning

Date of Joining: 16/06/2022

Educational Qualifications

Doctoral Degree	Ph.D.	SCOPE, VIT Vellore
PG Degree	M.Tech	C.S.E, JNTU A
UG Degree	B.Tech	C.S.E, JNTU A

Patent Filed

1. "A Novel Method of Malicious Detection by Coactive Neuro-Fuzzy Inference System in P2P Computing Network" Application No:- 202141008276 A (Indian Patent Published)

Papers Published

International Journal Publications

1. Sathishkumar, V. E., Hatamleh, W. A., Alnuaim, A. A., Abdelhady, M., **Venkatesh, B**., & Santhoshkumar, S. (2021). "Secure Dynamic Group Data Sharing in Semi-trusted Third Party Cloud Environment."Arabian Journal for Science and Engineering, 1-9. (SCI If:- 2.334)

2. Kalaivani PCD., Sathishkumar V E., Wesam Atef Hatamleh., Kamel Dine Haouam., **Venkatesh B**., Dirar Sweidan (2021). "Advanced Lightweight Feature Interaction in Deep Neural Networks for Improving the Prediction in Click Through Rate." Annals of Operations Research (2021): 1-15. (Springer: SCI IF 4.854)

3. **Venkatesh B**, J.Anuradha. "A Review of Feature Selection and Its Methods". Cybernetics and Information Technologies 19.1 (2019): 3-26. (Scopus Indexed and ESCI Indexed(TR))

4. **Venkatesh, B**., Anuradha, J. "A Fuzzy Gaussian Rank Aggregation Ensemble Feature Selection Method for Microarray Data". International Journal of Knowledge-based and

Intelligent Engineering Systems, 24(4), 289-301.(Free-Scopus indexed and ESCI indexed(TR)).

5. **Venkatesh, B**., and J. Anuradha. "Fuzzy Rank Based Parallel Online Feature Selection Method using Multiple Sliding Windows."Open Computer Science 11.1 (2021): 275-287. (Free-Scopus indexed and ESCI indexed(TR)).

6. Amiya, Gautam, J. Anuradha, and **B. Venkatesh**. "Classification Rule Generation for Cancer Prediction using Locality Sensitive Hashing Similarity Measure". International Journal of Engineering & Technology. 7.4 (2018): 5313-5317.

International Conference Publications

1. **Venkatesh, B.,** and J. Anuradha. "A Hybrid Feature Selection Approach for Handling a High Dimensional Data". Innovations in Computer Science and Engineering. Springer, Singapore, 2019. 365-373.

2. Somula, R., Anilkumar, C., **Venkatesh, B**., Karrothu, A., Kumar, C. P., & Sasikala, R. (2019). "Cloudlet Services for Healthcare Applications in Mobile Cloud Computing". In Proceedings of the 2nd International Conference on Data Engineering and Communication Technology (pp. 535-543). Springer, Singapore.

3. Anilkumar, C., Joseph, D. P., Viswanatham, V. M., Karrothu, A., & **Venkatesh, B**. (2019). "Experimental and Comparative Analysis of Packet Sniffing Tools". In Proceedings of the 2nd International Conference on Data Engineering and Communication Technology (pp. 597-605). Springer, Singapore.

4. Reddy, S. R. S., Nalluri, S., Kunisetti, S., Ashok, S., & **Venkatesh, B**. (2019). "Content-Based Movie Recommendation System Using Genre Correlation". In Smart Intelligent Computing and Applications (pp. 391-397). Springer, Singapore.

5. Varma, D. A., Ashish, R., Sandeep, V. V. S., **Venkatesh, B**., & Kannadasan, R. (2021). "Detection of DDOS Attacks Using Machine Learning Techniques: A Hybrid Approach." In ICT Systems and Sustainability (pp. 439-446). Springer, Singapore.

Invited Talks
"Machine Learning Approaches for Real World Problems" webinar on Machine learning, Sri indhu college of engineering and Technology, Hyderabad. 30th October, 2021.

Professional Activities
Conference Activities
Special Session Chair: 6th International Conference (ICMEET)-2021 held at Bhubaneswar Engineering College, Bhubaneswar, Odisha, India.

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Nature Inspired Optimization Techniques**" from 19-23 July 2021 at National Institute of Technology Delhi.

- Participated in a Five Day Online Faculty Development Programme on "**RECENT TRENDS IN BIG DATA, DATA SCIENCE AND ITS APPLICATIONS (RTBDA 2021)**" organized by the Department of Computer Science & Engineering of GMR Institute of Technology, Rajam during 05 - 09 June 2021.

- Participated One Week (Online) Faculty Development Programme (FDP) on "**Deep Learning and its Applications**" organised by **Department of Computer Science and Engineering** of Malla Reddy Engineering College, Hyd from 07th to 12th December, 2020.

- Participated in one week Faculty Development Program on "**Data Science in Real Time Applications**" organized by **Department of Information Technology**, Sreenidhi Institute of Science and Technology, Hyderabad from 23rd Nov 2020 to 28th Nov 2020.

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "**Artificial Intelligence**" from 21th Sep 2020 to 25th Sep 2020 at Vellore Institute of Technnology. Chennai.

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "**Data Sciences**" from 24th to 28th August 2020 at Tripura Institute of Technology.

- Participated in the Webinar Series on "**Faculty Innovation Through Advanced Technologies- Blockchain: Solution to Multidisciplinary Problems of Society**" under AICTE Margdarshan, Organized by Department of Information Technology, VR Siddhartha Engineering College, on 21st & 28th of August, 4th, 11th and 18th of September, 2020.

- Participated in five days workshop on "**Online Lecture Series on IoT and its Applications**" held from 3rd to 7th August 2020 organized by Department of Information Science and Engineering, VVCE, Mysuru.

- Participated in One week Short Term Training Program on "**Advanced Deep Learning Techniques with Python**" organized by Department of Computer Science & Engineering, Anurag Group of Institutions, Hyderabad, India from 27th July to 1st August 2020.

- Participated in one week Faculty Development Program on "**LaTeX and it's Applications for Researchers**" organized by Department of Information Science & Engineering, Vidyavardhaka College of Engineering, Mysuru from 20th July 2020 to 24th July 2020.

- Participated in One Week FDP on "**LaTeX & Xfig**" from 15th June to 19th June, 2020, organized by Department of MCA, Calcutta Institute of Technology, Howrah, West Bengal in Association with spoken tutorials, IIT Bombay.

- Participated in 5 days Faculty Development Program on "**CYBER SECURITY**" Organized by Malla Reddy Engineering College for Women during 10th June to 14th June 2020.

- Participated in a webinar on "**Developing a Machine Learning Models from Start to Finish**" organized by Department of Computer Science & Engineering, Anurag University, Hyderabad, India on 06/June/2020.

- Participated in a five day Online Faculty Development Program on " **Impact of Internet of Things on Society (IIITS-2020)**" Organized by Dept of C.S.E, AITS Rajampet from 25/May/2020 to 29/May/2020.

- Participated in One day workshop on "**Machine Learning in Statistical Modeling**" organized by the Academic Staff College, VIT University, Vellore held on 19th March 2019.

- Participated in Three days workshop on "**Hands-on Machine Learning & Deep Learning Practices using Python packages and TensorFlow, Keras frameworks**" organized by the Academic Staff College, VIT University, Vellore held from 06th March 2019 to 08th March 2019.

- Participated in Two days workshop on "**Two days workshop - R**" organized by the Academic Staff College, VIT University, Vellore held from 09th October 2018. to 10th October 2018.

- Participated in Three days workshop on "**Big Data Stream Analytics**" Organized by Department of Information Technology, Mepco Schlenk Engineering college, Sivakasi from 14th may 2018 to 16th may 2018.

- Participated in One day workshop on "**LATEX**" organized by the Academic Staff College, VIT University, India held on 16th March 2018.

- Participated in One day workshop on "**Office 365**" organized by the Academic Staff College, VIT University, India held on 09th March 2018.

- Participated in Two days workshop on "**R Programming**" Organized by Academic Staff College, VIT University, India held on 25th Jan and 25th Jan 2018.

- Participated in One day workshop on "**LATEX for Technical Report Writing**" organized by the School of Electronics Engineering [SENSE], VIT University, India held on 17th May 2017.

- Participated in One day workshop on "**Deep Learning in Computer Vision : Tools and Methods**" Organized by School of Computer Science and Engineering (SCOPE) VIT University, Vellore on 10th Sept 2016.

Professional Memberships:

1. Lifetime Member of IAENG (International association for the Engineers) with Number : 154826
2. Member of SDIWC (The Society of Digital Information and Wireless Communications) With membership Number : 21436
3. Member of CSTA (The Computer Science Teachers Association) With membership Number : 57812259
4. Member of CSI (Computer Society Of India) under Hyderbad chapter With membership Number : I1506089

Certifications:

- Successfully completed "Getting Started with AWS Machine Learning" an online non-credit course authorized by Amazon Web Services and offered through Coursera.

- Successfully completed "Object-Oriented Data Structures in C++" an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera.