

Name of Faculty	Mr. R Venkatesh	
Designation	Assistant Professor	
Nature of Job/Appointment	Contract	
Date of Joining	17 - 09 - 2026	
E-mail	venkateshr_it@cbit.ac.in	
Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Pursuing
PG	M. Tech. (CSE)	First class with Distinction
UG	B. Tech. (CSE)	First Class
Work Experience		
Teaching	9.9 Years	
Research	0 years	
Industry	--	
Others	• Qualified APSET (State Eligibility Test) in 2019.	
Area of Specialization	Computer Networks, Cryptography, Mobile Adhoc Networks, Machine Learning	
Professional Memberships	Member, International Association of Engineers - IAENG Number: 154991 The Society of Digital Information and Wireless Communications - 9978	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	--	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	Computer Networks, DBMS, Data Mining, Cryptography & Network Security, PPSC, Mobile Communication, Machine Learning, Deep Learning, FLAT, Python	
No. of Papers Published	National Journals – 00	International Journals – 08
	National Conference –	International Conference – 04
Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	1. Exploring Machine Learning: From Introduction to Advanced Applications with ISBN: 978-81-968294-4-5. 2. Neural Networks and Deep Learning with ISBN: 978-93-6738-809-9 3. Convolutional Neural Networks in Medical Imaging with ISBN: 978-81-970563-0-7	
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).	1. Attended a one-week FDP on “Generative and Ethical AI: Techniques & Applications” organized by the NIT-Tiruchirappalli & AICTE Training and Learning (ATAL) Academy in 2025. 2. Attended a one-week FDP on “Enhancing Cyber Threat Detection Through Incorporating Digital Technologies” organized by the VelTech University & AICTE Training and Learning (ATAL) Academy in 2025. 3. Attended a 5 days FDP on “Data Privacy for Fintech Applications” organized by the GNITS & NIT Warangal in 2025.	

	4. Attended a one-week FDP on "Enhancing Cyber Threat Detection Through Incorporating Digital Technologies" organized by the AICTE Training and Learning (ATAL) Academy in 2024. 5. Attended a one-week FDP on "Machine Learning & Artificial Intelligence" organized by the Andhra Pradesh State Skill Development Corporation (APSSDC) in 2023. 6. Attended a one-week FDP on "Cloud Infrastructure" organized by the MRITS in 2023. 7. Attended a one-week Workshop on "Machine Learning" organized by the Computer Society of India (CSI) Trivandrum Chapter in 2020. 8. Attended a one-week FDP on "Cyber Security" organized by the AICTE Training and Learning (ATAL) Academy in 2020. 9. Attended a one-week FDP on "Deep Learning" organized by the AICTE Training and Learning (ATAL) Academy in 2020. 10. Attended a one-week FDP on "IOT" organized by the AICTE Training and Learning (ATAL) Academy in 2020. 11. Attended a one-week Workshop on "Python programming using Google Colab and SQL" organized by the Computer Society of India (CSI) Trivandrum Chapter in 2020. 12. Attended a workshop on Recent Trends in Wireless networks conducted at KL University on 24h July 2015. 13. Attended NS2 workshop in Association with IEEE conducted by K L University. 14. Attended Enterprise Big Data Analytics workshop conducted by K L University.
Details of Journal Publications/ Conferences (National and International) International Conference :	--
	1. Venkatesh, R. & Pravalika, Ch & Srikanth, S. & Manikandan, S. (2025). Integrating Edge Computing with Intelligent Networks for Enhanced IoT Communication Efficiency. FMDB Transactions on Sustainable Intelligent Networks. 2. 101-110. 10.69888/FTSIN.2025.000384. 2. S. Vijayanand, M. Sakthivel, R. Venkatesh, A. R. G R, S. Manivannan, and. K. S. Latha, "Enhancing Diabetes Prediction in Health Informatics Through Software analysis and Machine Learning Synergy", J Neonatal Surg, vol. 14, no. 31S, Jun. 2025. 3. Kosaraju Chaitanya, Rachakonda Venkatesh, Mandala Naga Sravya, Narra Harika. An Efficient Handoff Scheme for Uninterrupted Assorted Wireless Networks in Overlapped Areas. JCR. 2020; 7(4): 825-828. doi:10.31838/jcr.07.04.153. 4. Arepalli P.G., Narayana V.L., Venkatesh R., Kumar N.A. (2019). Certified node frequency in social network using parallel diffusion methods, Ingenierie des Systemes' Information, Vol. 24, No. 1, pp. 113-117. https://doi.org/10.18280/isi.24011 5. Chaitanya, Kosaraju & Venkatesh, Rachakonda & Bikku, Thulasi. (2019). An Efficient Model for Medical Data Classification using Gene Features. International Journal of Advanced Computer Science and Applications. 10. 10.14569/IJACSA.2019.0101160. 6. Venkatesh, R. & Chaitanya, Kosaraju & Bikku, Thulasi & Paturi, R. (2019). A Review on Biomedical Mining. Journal of RNA and Genomics. 15. 629-637. 7. Venkatesh, R. & Sekhar, K. (2016). User Activity Monitoring Using Keylogger. 15. 4758-4762. 10.3923/ajit.2016.4758.4762. 8. Gopi, K.Naga & Rao, K. & Chaitanya, Kosaraju & Venkatesh, R.. (2016). Weighted Rank Query Search over Cloud Data Storage. International Journal of Advances in Applied Sciences. 5. 85. 10.11591/ijaas.v5.i2.pp85-93. National /International Conference: 1. Presented a Paper on Customer Segmentation Using Support Vector Machine. AIP Conf. Proc. 28 April 2023; 2724 (1): 020008. https://doi.org/10.1063/5.0130188 2. Presented a Paper on Cotton Yield Prediction Based on Fertilizers and a Land Using Machine Learning. In: Ranganathan, G., Fernando, X., Piramuthu, S. (eds) Soft Computing for Security Applications. Advances in Intelligent Systems and Computing, vol 1428. Springer, Singapore. https://doi.org/10.1007/978-981-19-3590-9_56. 3. Presented a Paper on "ARIMA time Series Model vs. K-Means Clustering for Cloud Workloads Performance," 2022 OPJU International Technology Conference on Emerging Technologies for

