Faculty Profile

Name of Faculty: Dr. Ganesh Vilas Patil	
Designation: Associate Professor & HoD	
Qualification: PhD	
Specialization: Computer Science and Engineering	
Official Email ID: ganesh.patil@dypgroup.com	

Memberships	**ISTE**
Courses Taught	**Data Structures** **Distributed Systems** **Software Defined Networks** **Blockchain technology** **C, C++, Java, C# Programming** **R Programming** **Grid Technology** **Parallel Computing** **Software Project Management** **Software Engineering** **Advanced Computer Architecture** **High Performance Computing**
Roles and Responsibilities	**Currently working as, a Head of Data Science Department** **Worked as a Head of Computer Science and Engineering, TKIET Warananagar.** **Worked as a Dean Student Affairs, TKIET Warananagar.**
Research Contribution	**Patil, G. and Deshpande, S.L. (2016) "Distributed rendering system for 3D animation with blender", Presented at IEEE Sponsored International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT 2016), December, pp.92–98.** **G. V. Patil and S. L. Deshpande, (2018) "Image optimization using dynamic load balancing", International Journal of Knowledge Engineering and Data Mining (Inderscience), vol. 5, no. 1/2, pp. 68-89, 2018.**

	• Patil, Ganesh V., and Santosh L. Deshpande. "Dynamic load balancing in image retargeting using pipeline architecture", Periodicals of Engineering and Natural Sciences 6, no. 2 (2018): pp. 243264 • G. V. Patil and S. L. Deshpande, "Image Retargeting Using Dynamic Load Balancing-Based Parallel Architecture", (Springer), Soft Computing and Signal Processing Advances in Intelligent Systems and Computing pp. 327-33, 2019. • G. V. Patil and S. L. Deshpande, "Prediction based Dynamic Load Balancing System for Text to Speech Conversion", (Springer), 2019 Smart Systems and Inventive Technology (ICSSIT Springer), 2019, pp. 1122-1127. • Patil Ganesh V., and Santosh L. Deshpande. "Prediction based dynamic load balancing system for text to speech conversion." 2019 International Conference on Smart Systems and Inventive Technology (ICSSIT). IEEE, 2019. • G.V. Patil, S.D. Bhopale, "Predictive Model for Distributed Rendering using Dynamic Load Balancing" chapter in IIP Book Series Futuristic Trends in Network and Communication Technologies, IIP Proceedings, Volume-2, ISBN: 978-81-959356-1-1, Nov 2022. • G.V. Patil, "A survey on Basic Load Balancing Techniques ", Tec Empresarial Journal, Volume 18, Issue 2, Pages 575-60, Sept 2023 • Patil Ganesh V, "Secured Smart Door Lock System", Journal of Emerging Technologies and Innovative Research, Volume 10, Issue 9, pp.26-32. • Patil Ganesh V, "Detection of Driver's Alertness", Journal of Emerging Technologies and Innovative Research, Volume 10, Issue 9, pp 504-507. • Patil Ganesh V, "An intelligent video surveillance system for detecting anomalous behavior of human", International Journal of Creative Research Thoughts, Volume 12, Issue 4, pp-198-203.
Patent	• Design Patent in "Rendering device for converting data", Design number 395659-001, dated 21st September 2023.