

		Dr. DINESH RAI Associate Professor & Dy. HOD Hindustan College of Science and Technology- MATHURA-281122 Contact : +91-9873541955 Email : dineshrai.hcst@sgei.org
Qualification	:	Ph.D.
Department	:	Computer Science and Engineering
Experience (Academics/Industry/Research)	:	25 Yrs
Research Interest	:	Blockchain, Cloud Computing, Machine Learning
BTech/MTech/MPhil Dissertation supervised		PhDs - 7, M.Tech – 5, B.Tech - 55
Sponsored Research Project / Consultancy	:	
Research Publications	:	
Journal: (Total 32)		
V. L. Singh. , D. Rai. “Implementation and Performance Analysis of Multi Hop Ad Hoc Cloud Network and Servers using Ad Hoc Network Protocols”. <i>International Journal of Innovative Technology and Exploring Engineering (IJITEE)</i>, Vol. 8, issue 10, pp 4671-4679, August 2019 V. L. Singh. , D. Rai. “Performance Assessment of Routing Protocols in Ad Hoc Network with Impression of Ad Hoc Cloud and Internet of Things”. <i>International Journal of Engineering and Advanced Technology (IJEAT)</i>, vol. 8, issue 6, pp 1084-1091, August 2019. V. L. Singh. , D. Rai. “Analysis and Implementation of Performance Metrics, Parameters and Factors of Ad Hoc, Cloud and Ad Hoc Cloud Network”. <i>International Journal of Engineering and Technology (UAE)</i>, Science Publishing Corporation, vol. 8, pg-275-283, Jan 2019. DOI: 10.14419/ijet.v8i1.28824. - Paper published in International Journal of Advanced Studies of Scientific Research, Vol. 3, No. 10, 2018 titled “Review on improving performance of Web Crawler and Search System Architecture” Author: Jyoti Mor, Dr Dinesh Rai, Dr.Naresh Kumar (SCOPUS Indexed). Available at SSRN: https://ssrn.com/abstract=3318418 - Alpana Jijja and Dr. Dinesh Rai “Segmentation of brain tumor using GLCM and Discrete Wavelet Transform” <i>International Journal of Innovative Technology and Exploring Engineering (IJITEE)</i> ISSN: 2278-3075, Volume-9 Issue-6, April 2020 - Priyanka Chugh (Shivanka), Dr. Dinesh Rai, S. Indu “Route Deviation Algorithm with Location Ambiguity in Wireless Sensor Networks” in <i>International Journal of Engineering and Advanced Technology (IJEAT)</i> ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019 - Gurpreet Kaur, Dr. Dinesh Rai, “CAPTCHA: A Tool for Web Security”, published in <i>International Journal of technical Research and science</i> in 2020, ISSN :2454-2024(online) - Gurpreet Kaur, Dr. Dinesh Rai, “Character Recognition : A Review” was presented at International Conference, ICSIt 2014 held at Ansal University in 2014 - Jyotsna Nigam, Meena Tushir, Dinesh Rai “A conditionally positive definite kernel		

function for possibilistic clustering” published in International Journal of Artificial Intelligence and Soft Computing in 2017.		
• R. Anitha, D. Rai “Enhanced Supply Chain Management of Agriculture Industries using Blockchain Technology” in Connecting People with Nature : Indian Journal Of Natural Sciences, ISSN: 0976-0997 Aug 2022 • Bharti Aggarwal, Dinesh Rai, Naresh Kumar “Effects of Web3 on Search Engines” in Journal of Electrical SystemsISSN: 1112-5209		
Conference: (Total 20)		
• V. L. Singh. , D. Rai. "Performance Comparison Simulation Model of Ad Hoc Cloud Network with Cloud Servers". In: Woungang I., Dhurandher S. (eds) International Conference on Wireless, Intelligent, and Distributed Environment for Communication. WIDECOM 2018. <i>Lecture Notes on Data Engineering and Communications Technologies</i>, vol 18.pp 237-258.Springer, Cham, 2018 https://doi.org/10.1007/978-3-319-75626-4_18 • R. Anitha, D. Rai “Improved supply chain management of large logistics industries using block chain and Iot systems” in National Conference on Learning Techniques in Artificial Intelligence - 19 May 2022 • R. Anitha, D. Rai “Increased Traceability Transparency and Immutability in Supply Chain Management of Large Logistic Industries Using Blockchain and Iot Systems” in International Conference on Recent Revolutions in Mathematics, Computer Science and Applications (ICRRMCSA’22) • Bharti Aggarwal, Dinesh Rai, Naresh Kumar “Optimizing Keyword Search for Search Engines using Blockchain Technology” in Proceedings on Engineering Sciences” Vol 6 No 4 (2024), 1905-1916 • Jyotsna Nigam, Dinesh Rai, MeenaTushir, “Application of log based kernel function in image segmentation” published in 3rd International Conference on Computing for Sustainable Global Development (INDIACom) in 2016		
Patents : NA		
Title of the invention		
Date of filing of Application		
Application No.		
Publication Date		
Book Chapters :		
MOOC Courses/Certifications	:	1. FDP on “Artificial Intelligence and Machine learning” during 17-21February 2025 organized by IIT Guhawati. 2. Attended IUCEE workshop and got best candidate award
Achievements		
Award	:	Innovative practitioner award (only 5 such awards in India) by wipro mission10x
Membership of professional bodies	:	CSI