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Department	:	Computer Science and Engineering (IoT and Cyber Security with Block Chain Technology)	
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Total Experience in Years	:	<b>Teaching :</b> 14 years Assistant Professor at Rajiv Gandhi Institute of Technology from Feb 2009 – 31 <sup>st</sup> August 2022	

<p>Papers Published in Journal:</p>	<p style="text-align: center;"><b>List of Papers published in International and National Journals</b></p> <ol style="list-style-type: none"> <li>1. "OPTIMIZING REAL TIME GPU KERNELS USING FUZZY INFERENCE SYSTEM "IJARSE, Vol. No.2, Issue No.9, September 2013</li> <li>2. "Cost effective security device mechanism for threats "International Journal of Scientific &amp; Engineering Research, Volume 4, Issue 11, November – 2013</li> <li>3. "Survey of Swarm Intelligence Inspired Routing Algorithms and Mobile Ad-Hoc Network Routing Protocols "International Journal of Advancements in Research &amp; Technology, Volume 2, Issue 9, September-2013.</li> <li>4. Secure Examination System using Biometric and QR Code Technology, International Journal of Engineering Science and Computing, April 2017 Volume 7 Issue No.4.</li> <li>5. Application of Fuzzy inference system to evaluate elapsed time for Generation, Insertion and Retrieval of QR code from Database International Journal of Scientific &amp; Engineering Research, Volume 7, Issue 10, October-2016 ISSN 2229-5518.</li> <li>6. Comparison of Processing Time of Different Size of Images and Video Resolutions for Object Detection Using Fuzzy Inference System, INTERNATIONAL JOURNAL OF SCIENTIFIC &amp; TECHNOLOGY RESEARCH VOLUME 6, ISSUE 01, JANUARY 2017 ISSN 2277-8616.</li> <li>7. AUTOMATIC TOLL COLLECTION USING OPTICAL CODE RECOGNITION AND ENCRYPTION, International Journal of Research in Engineering and Technology eISSN: 2319-1163   pISSN: 2321-7308.</li> <li>8. Street Light Intensity Controller Using Density Mapping Mechanism. International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 - 0056, Volume: 04 Issue: 04   Apr -2017 p-ISSN: 2395-0072</li> <li>9. Wireless Biometric Attendance Management System Using Raspberry Pi in IaaS Environment Springer Nature Singapore Pte Ltd. International Proceedings on Advances in Soft Computing, Intelligent Systems and Applications, Advances in Intelligent Systems and Computing 628, <a href="https://doi.org/10.1007/978-981-10-5272-9_24">https://doi.org/10.1007/978-981-10-5272-9_24</a>.</li> <li>10. A SURVEY OF COMPARATIVE ANALYSIS OF NAIVE BAYES ALGORITHM THROUGH GPU AND CPU. Deep Shah, Yash Barot, Isha Kazi, Mr. Swapnil Gharat. © 2018 IJCRT   Volume 6, Issue 1 February 2018   ISSN: 2320-2882.</li> <li>11. Home Automation Using MQTT And Fuzzy. IJRND Issue: October 2019 Volume 4   Issue 10.</li> <li>12. Patent Smart Contract on Ethereum Blockchain Using Solidity International Journal for Research in Engineering Application &amp; Management (IJREAM) Volume5 Issue-10, Jan2020 ISSN:2454-9150 Pages 152-155.</li> <li>13. ATTENDANCE MANAGEMENT SYSTEM USING COLOR QR March 2020 IJRAR Volume 7 issue 1 pages 479-484.</li> </ol>
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Papers Presented in Conferences	<ol style="list-style-type: none"> <li>1. Energy-efficient Face Recognition Authentication System Using Human Detection IoT Modules 2020 3rd International Conference on Communication System, Computing and IT Applications (CSCITA) Publication IEEE Xplore .</li> <li>2. CNN based Counterfeit Indian Currency Recognition Using Generative Adversarial Network 2021 International Conference on Artificial Intelligence and Smart Systems (ICAIS). Publication IEEE Xplore. 16. Recruitment System with Placement Prediction 2021 International Conference on Artificial Intelligence and Smart Systems (ICAIS) Publication IEEE Xplore.</li> <li>3. Image Steganography Using Blowfish Algorithm and Transmission via Apache Kafka. 2022 4th International Conference on Smart Systems and Inventive Technology (ICSSIT). Publication IEEE Xplore.</li> <li>4. Hotel Recommendation System using advanced efficiency and accuracy with modified BERT technique 2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS). Publication IEEE Xplore.</li> <li>5. Ticketing System Using AES Encryption Based QR Code. 2022 4th International Conference on Smart Systems and Inventive Technology (ICSSIT). Publication IEEE Xplore.</li> <li>6. Expiry Classification and Improved Efficient Delivery Mechanism of Packaged Food Product Using XGBoost Algorithm and Haversine Formula. International Conference on Applications of Machine Intelligence and Data Analytics (ICAMIDA 2022).</li> <li>7. Corneal Localization for Discerning Faces using Advanced Machine Learning Algorithms of GAN. 2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT).IEEE Explore.</li> </ol>
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Area of Specialization	<b>Computer Networks , Computer Organization and Architecture, Embedded Systems, Cloud Computing and IoT.</b>
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Books Published / IPRs /Patents	: Books (Editors for conference Proceedings onSpringer)	<b>Copyright Registered:</b> Title of Work : AN IMPROVED EFFICIENCY MACHINE LEARNING IMPLEMENTATION FOR LOAN APPROVAL SYSTEM Registration No : L-133400/2023 Registration Date : 21/09/2023
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Subjects Taught	: <b>UG Level:</b> Computer Network, Computer Architecture & Organization, Internet of Everything, Cloud Computing and services, Wireless technology, Embedded 8051 Microcontroller, Microprocessor and Advanced Microprocessors .
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