



## Department of Artificial Intelligence and Datascience

### FACULTY DETAILS

<b>Staff Name</b>	: P.VINOTH KUMAR
<b>Date of Birth</b>	: 08/07/1988
<b>Educational Qualification</b>	: M.E(CSE)., Pursuing Ph.D
<b>Area of Interest</b>	: Wireless sensor networks, AI
<b>Years of Experience</b>	: 9
<b>Area of Research</b>	: Wireless sensor networks, AI
<b>No of Student Projects Guided</b>	: 18
<b>Supervisor</b>	: NIL
<b>FDP &amp; Workshop Funding</b>	: -
<b>Research Projects (Granted)</b>	: -
<b>R &amp; D Activities</b>	: -
<b>Publication Details</b>	: <b>Journal :-</b> <ul style="list-style-type: none"><li>• International Journal of Recent Technology &amp; Engineering (IJRTE) “A Solution to Cart-pole using Neural Networks and Tensor flow” (2019).</li><li>• International Journal of Recent Technology &amp; Engineering (IJRTE) “A Perceptive Spam Detection and Visualization on Social Network “(2016).</li><li>• International Journal of Computer Techniques “Hashing Heterogeneity Aware Dynamic Capacity Provisioning in the Cloud.” (2015).</li><li>• International Journal of Computer Techniques “Optimized and Secure Data Backup Solution for Cloud Using Data Deduplication” (2014).</li></ul> <b>Conferences :</b> <ul style="list-style-type: none"><li>• IEEE Conference on Power, Energy, Control &amp; Transmissions (ICPECTS 2023) “Power-efficient cluster head selection in wireless sensor networks using whale and seagull algorithms”.</li><li>• IEEE Conference on International Conference on Artificial Intelligence &amp; Knowledge Discovery in</li></ul>

	<p>Concurrent Engineering (ICECONF -2023) Integrated Crow Lookup and Particle Optimization Algorithm-based CHs.</p> <ul style="list-style-type: none"> <li>• IEEE Conference on Emerging Devices, Smart Systems (ICEDSS 2017) “Cognitive Vision Based Minimization of Correspondence Error by Shear Analysis for Outdoor Robot Maps in Navigation.</li> </ul>
<b>Patent Publication</b>	: Patent titled Edge computing method and apparatus for flexible allocating computing resource-2023.
<b>FDP &amp; Workshop Attended Details</b>	: <ol style="list-style-type: none"> <li>1. Two-week national level workshop on Advanced Research Methodology conducted by "SRMIST, Rampuram, Chennai from 3 July 23 to 18 July 23.</li> <li>2. ATAL FDP on "Effective use of 5G Communication Network for Cloud Applications." June 2021.</li> <li>3. ATAL FDP on "Challenges in adapting Machine Learning towards 5G/6G Communications" August 2021.</li> <li>4. ‘International Workshop on Documentation through LATEX Software’ conducted by International Scientific Research Organizations, August 2021.</li> </ol>
<b>Professional Membership</b>	: <b>NIL</b>