<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Dr. Pallavi Gaurav Adke - Faculty Profile</title>

<link rel="stylesheet" href="styles.css"> <!-- Link to external CSS file -->

</head>

<body>

<header>

<h1>Dr. Pallavi Gaurav Adke</h1>

<nav>

<ul>

<li><a href="#profile">Profile</a></li>

<li><a href="#qualifications">Qualifications</a></li>

<li><a href="#research">Research</a></li>

<li><a href="#publications">Publications</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</nav>

</header>

<main>

<section id="profile">

<h2>Profile</h2>

<p><strong>Name of Faculty:</strong> Dr. Pallavi Gaurav Adke</p>

<p><strong>Designation:</strong> Assistant Professor</p>

<p><strong>Department:</strong> Electronics and Telecommunication Engineering</p>

<p><strong>Date of Joining:</strong> 20/02/2022</p>

<p><strong>Experience:</strong> Teaching: 12 Years</p>

<p><strong>Research Areas / Area of Specialization:</strong> Image Processing and Deep Learning</p>

<p><strong>Courses / Subjects Taken:</strong> Cloud Computing, Advanced Java Programming, Digital Circuits, Digital Communication, Signal and System, Digital Signal Processing, Image Processing, Fiber Optic Communication, Basic Electronics.</p>

</section>

<section id="research">

<h2>Research and IPR</h2>

<p><strong>Intellectual Property Rights:</strong></p>

<ul>

<li>Title: Automatic Ejection Fraction Calculation System From Echocardiography Images</li>

<li>Docker No./ Diary No.: 202221021453</li>

<li>Status: Published (Filled FER)</li>

</ul>

</section>

<section id="publications">

<h2>Research Publications</h2>

<h3>Journal Publications</h3>

<table>

<tr>

<th>Year</th>

<th>Title of Paper</th>

<th>Published in</th>

</tr>

<tr>

<td>2022</td>

<td>Fully automatic segmentation of LV from Echocardiography images and calculation of Ejection Fraction using Deep Learning</td>

<td>International Journal of Biomedical Engineering and Technology</td>

</tr>

<tr>

<td>2022</td>

<td>Adaptive thresholding method for speckle reduction of echocardiographic Images</td>

<td>IETE Journal of Research [IF 1.125]</td>

</tr>

<tr>

<td>2021</td>

<td>Echocardiography image segmentation using semi-automatic numerical optimisation method based on wavelet decomposition threshodling</td>

<td>International Journal of Imaging Systems and Technology [IF: 1.925]</td>

</tr>

<tr>

<td>2018</td>

<td>A review of echocardiographic image segmentation techniques for left ventricular study</td>

<td>ARPN Journal of Engineering and Applied Sciences</td>

</tr>

<tr>

<td>2018</td>

<td>A review on echocardiographic image speckle reduction filters</td>

<td>Biomedical Research Journal</td>

</tr>

<tr>

<td>2012</td>

<td>Removal of power line interference from biomedical signal using digital and wavelet based technique</td>

<td>International Journal of Computer Technology and Electronics Engineering</td>

</tr>

</table>

<h3>Conference Publications</h3>

<table>

<tr>

<th>Year</th>

<th>Title of Paper</th>

<th>Published in</th>

</tr>

<tr>

<td>2014</td>

<td>ECG signal de-nosing using wavelet transform from MIT-BIH database</td>

<td>Proceedings of International Conference on E&TC, Electrical and Computer Engineering</td>

</tr>

<tr>

<td>2012</td>

<td>Wavelet based noise removal technique from ECG signal</td>

<td>Proceedings of International Conference on Electronics and Communication Engineering</td>

</tr>

<tr>

<td>2012</td>

<td>MATLAB application in removal of noise from biomedical signal</td>

<td>Proceedings of International Conference on MATLAB Application in Engineering Technology</td>

</tr>

<tr>

<td>2012</td>

<td>Filter implementation on Xilinx System Generator to remove power line interference from ECG signal</td>

<td>National Conference on Nanotechnology, Communication and Pattern Recognition</td>

</tr>

</table>

</section>

<section id="contact">

<h2>Contact</h2>

<p>If you wish to learn more about Dr. Pallavi Gaurav Adke or have any questions, please contact her:</p>

<p>Email: <a href="mailto:info@example.com">info@example.com</a></p>

<p>Profile Links:</p>

<ul>

<li><a href="https://www.scopus.com/authid/detail.uri?authorId=55611835400">Scopus Author ID</a></li>

<li><a href="https://scholar.google.com/citations?user=wzgdKEQAAAAJ&hl=en">Google Scholar</a></li>

<li><a href="https://www.researchgate.net/profile/Pallavi-Kulkarni-8">ResearchGate Profile</a></li>

<li><a href="https://orcid.org/0000-0001-8630-1549">ORCID ID</a></li>

</ul>

<p><strong>H-Index:</strong> 2</p>

</section>

<section id="certifications">

<h2>Certifications</h2>

<ul>

<li>Certification course on Machine Learning by Coursera.</li>

<li>Audit course on Deep Learning Specialization by Coursera.</li>

<li>Certification course on Programming for Everybody (Getting Started with Python) by Coursera.</li>

<li>Certification course on Power BI.</li>

</ul>

</section>

<section id="membership">

<h2>Membership</h2>

<p>Member of:</p>

<ul>

<li>IEEE</li>

<li>IETE</li>

</ul>

</section>

<section id="workshops">

<h2>Workshops and Events</h2>

<h3>Workshops/FDP/STTP Attended:</h3>

<p>More than a Week: 05</p>

<h3>Events Organized:</h3>

<ul>

<li>Faculty Development Program on Advanced communication system using DSP (TMS320C6713)</li>

<li>Two-day workshop on PCB designing</li>

<li>Workshop on Robotics</li>

<li>Workshop on MATLAB</li>

<li>One Week National Level Faculty Development Program on “Recent Trends in Artificial Intelligence, IoT and Data Analytics” from 3rd Oct to 8th Oct 2022</li>

</ul>

</section>

<section id="administrative">

<h2>Administrative and Academic Duties</h2>

<p><strong>Administrative Duties:</strong> Assistant Professor</p>

<p><strong>Academic Duties:</strong></p>

<ul>

<li>Institute level Project Based Learning (PBL) Coordinator</li>

<li>Department website co-coordinator</li>

<li>Department ERP coordinator</li>

<li>Feedback coordinator</li>

<li>Class Teacher</li>

</ul>

</section>

</main>

<footer>

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</body>

</html>