


<b>Name of the Teaching Staff</b>	P. Kingston Stanley			
<b>Designation</b>	Assistant Professor			
<b>Department / School</b>	Department of Robotics Engineering			
<b>Date of Joining the Institution</b>	5th July 2013			
<b>Qualification with Class / Grade</b>	UG	PG	Ph.D.	
	B.E Electronics and Instrumentation Engineering	M.E Control and Instrumentation Engineering	Instrumentation Engineering	
<b>Other Qualifications</b>				
<b>Area of Specialization</b>	Automation and Optical Sensors			
<b>Research Interests</b>	Sensor Technology			
<b>Subjects Teaching</b>	Undergraduate		Post Graduate	

	<ul style="list-style-type: none"> <li>● Autonomous Vehicle</li> <li>● Field and Service Robotics</li> <li>● Physics for Robotics Engineers</li> <li>● Medical Electronics</li> <li>● Industrial Instrumentation</li> <li>● Sensors and Protocols for Instrumentation</li> <li>● Electrical Measurements</li> <li>● Power Plant Instrumentation</li> <li>● Electronic Instrumentation</li> <li>● Measurements and Instrumentation</li> <li>● Sensors and Transducer Laboratory</li> <li>● Electrical Measurements and Machines Laboratory</li> <li>● Process Control for Food Engineers</li> <li>● Process Control Laboratory for Food Engineers</li> <li>● Instrumentation and Control</li> <li>● Electron Devices and Circuits</li> <li>● Electron Devices and Circuits Lab</li> <li>● Instrumentation for Agriculture</li> <li>● Patient and Device for Safety</li> </ul>	<ul style="list-style-type: none"> <li>● Piping and Instrumentation</li> <li>● Design of Linear Multivariable Control System</li> <li>● Virtual Instrumentation Laboratory</li> <li>● Applications of MEMS Technology</li> <li>● Medical Image Processing</li> <li>● Drives and Control for Automation</li> <li>● Advanced Automation Lab</li> </ul>
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<b>Total Experience in Years</b>	Teaching	Industry	Research	
	<b>8.5 Years</b>	<b>NA</b>	<b>7.5 Years</b>	
<b>Papers Published</b>	National	<b>1</b>	International	<b>22</b>
<b>Papers Presented in Conference</b>	National	<b>5</b>	International	<b>10</b>
<b>Conferences / Symposiums / Seminars / Workshops Participated</b>	National	<b>40</b>	International	<b>15</b>
<b>FDP / STTP / MDP / Summer / Winter School attended</b>	<b>10</b>			
<b>M.Phil. / Ph.D. Guide ship</b>	Field		University	
	NA		NA	
<b>Ph.D. Projects Guided</b>	Ph.D .s	NA	Project at Master's Level	10
<b>Professional Memberships</b>				
<b>Consultancy Activities</b>				
<b>Awards &amp; Honours</b>				

<b>Grants Fetched</b>	<ol style="list-style-type: none"> <li>1. Development of Low Cost Wet Diaper Alert System – Karunya University, Rs. 10,000</li> <li>2. Wet Diaper Alert System – Lancet Center of Excellence – Rs. 60,000/-</li> <li>3. Real Time Implementation of pH Neutralization in WasteWater Treatment Process – Karunya University, Rs. 30,000</li> <li>4. Herbal Leaves Feature Extraction using BeagleBoard – Karunya University, Rs. 12,000</li> </ol>
<b>Interaction with Professional Institutions</b>	
<b>Educational Details</b>	<p>Ph. D - Instrumentation Engineering  M.E - Control and Instrumentation Engineering  B.E - Electronics and Instrumentation Engineering</p>
<b>Experience</b>	8.5 Years
<b>Contact Details</b>	kingstonstanley@karunya.edu

<p style="text-align: center;"><b>Papers Published</b></p>	<ul style="list-style-type: none"> <li>● “Process optimization of color removal from an industrial azo dye”, International Journal of Innovative Technology and Exploring Engineering, Feb 2019.</li> <li>● “Embedded design consideration for the implementation of food intake monitoring system: Validated using LabVIEW software”, International Journal of Engineering and Technology, Feb 2018.</li> <li>● “Vehicle parking management and reservation system using lab view”, International Journal of Engineering and Technology, Feb 2018 .</li> <li>● “Industrial effluent water pH Neutralization controller design using LabVIEW &amp; Matlab”, International Journal of Pure and Applied Mathematics, Dec 2017.</li> <li>● “wet diaper alert system for bedside patients with wireless communication to nursing stations via smart diaper mobile application”, International Journal of Pure and Applied Mathematics, May 2018.</li> <li>● “Automated Vehicle Collision Avoidance and Navigation Using Raspberry Pi”, International Journal of Engineering and Techniques - Volume 3 Issue 4, July-Aug 2017.</li> <li>● “Verification of External Parameters of Residual Current Circuit Breaker to Ensure the Security of Packaging”, International Journal of Engineering Research &amp; Technology, (IJERT) ISSN: 2278-0181, Vol. 5 Issue 04, April-2016.</li> <li>● “Driprate counter Device using magnetic sensor”, International Journal of Advanced Research in Education &amp; Technology (IJARET), June 2017.</li> </ul>
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**Papers  
presented  
in  
conferences**

- “Embedded based drowsiness detection using EEG signals”, IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017 .
- “Raspberry Pi based vehicle collision avoidance system”, Proceedings of IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology, ICIEEIMT 2017 .
- “Online monitoring and control of colour removal process in textile waste water”, Proceedings of IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology, ICIEEIMT 2017.
- “Brain Pattern Recognition Based Classification of Neurodegenerative Diseases”, IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems, March 2015 .
- “Herbal Leaves Feature Extraction using BeagleBoard”, IEEE Sponsored International Conference on Electronics and Communication System (ICECS) 2014.
- “Review paper on portable patient training device for lung cancer treatment”, National Conference Instrumentation, Control and Biomedical Systems, April 2018.
- “Thought controlled wheel chair using brain computer interface”, National Conference Instrumentation, Control and Biomedical Systems, April 2018.
- “Technical Discussion on Framing Boot-loader for ATmega328: A Key Concept for Application Code Flashing”, National Conference Instrumentation, Control and Biomedical Systems, April 2018.
- “Collision Avoidance Using Li-Fi Based Inter Vehicle Communication”, National Conference Instrumentation, Control and Biomedical Systems, April 2018.
- “Compression of image using Discrete Wavelet Transform”, National Conference on Recent trends in Instrumentation, March 2014.
- “Thought based Control of Robotic Arm Via Wireless”, International Journal of Engineering Research & Technology (IJERT), 8th & 9th April 2015
- “A measurement of color concentration in textile industry waste water using optical Method”, National Conference on Measurement and automation, Jan 2016.
- “Real Time Implementation of pH Neutralization in WasteWater Treatment Process”, Proceedings of International Conference on Current Innovations in Engineering and Technology, 19. 04. 2015
- “Conducting Polymer Polypyrrole based Optical Fiber dissolved Oxygen Sensor”, International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing at Karunya University, Feb 2013.

<b>Patents</b>	
<b>Books /Book Chapters</b>	
<b>Research Group Members</b>	