


<b>FACULTY PROFILE</b>			
Name	:	Dr.L.Jayanthi	
Designation		Assistant Professor	
Department		ECE	
Educational Qualification		Ph.D (Image Processing and Image Retrieval) M.Tech (Information Technology) B.E ( ECE)	
Subject of Interest	:	Communication Systems Digital Electronics Image Processing and Image Retrieval	
Publications :	:	<p><b>International Journals :</b></p> <p>1.<b>Ms.Jayanthi.L</b> , Dr.Lakshmi.K “An Enhanced Content Based Image Retrieval using Three Region Colour Histogram of the Image” in International Journal of Scientific Research,(IF 1.8651),3(4),2014-03-28, <a href="http://www.theglobaljournals.com">www.theglobaljournals.com</a>,ISSN No.2277-8179,pp. 73-76</p> <p>2.<b>Ms.Jayanthi. L</b> , Dr.Lakshmi. K “ A refined Euclidean Distance Matching Technique for Improved CBIR Using Colour, Straight line and Outline Sketch Features of the Image” in Global Journal for Research, Analysis, (IF– 1.5408), 1(11), 2014,pp 41-44</p> <p>3.<b>Ms.Jayanthi.L</b> , Dr.Lakshmi, K “An improved Content Based Image Retrieval using Three Region Colour and Straight line Signatures”, presented in the proceedings of 3<sup>rd</sup> IEEE ICCSP published in IEEE digital Xplore , (Scopus indexed), 2014</p> <p>4.<b>Ms.Jayanthi.L</b> , Lakshmi, K “An improved CBIR using Three region colour, Straight line and Outline Sketch Signatures”, ICICES- 2014 published in IEEE digital Xplore, (Scopus indexed)</p> <p>5.<b>Ms.Jayanthi.L</b> , Dr.Lakshmi. K “An Effective Content Based Image Retrieval System Using Support Vector Machines Classifier’ , International Journal of Applied Engineering Research” , ISSN 0973-4562, 10(14) , pp.34001-34007, IF – 0.13 (Scopus indexed), 2015</p> <p>6.<b>Ms.Jayanthi. L</b> ,Dr.Lakshmi. K “Performance Enhancement of Content Based Image Retrieval System by Integration of Suitable Image Features” , Indian Journal of Science and Technology, 8(28),pp.1-6 ,IF – 0.27 (Scopus indexed) ,2015</p> <p>7.Mr.G.Muthurajan, <b>Ms.L.Jayanthi</b>, “GPS based ship monitoring and controlling system using zig bee”, International Journal of Recent Trends in Engineering and Research, IF - 3.344, pp</p>	

		<p>2455-1457,2(4), 2016.</p> <p>8.<b>Ms.L.Jayanthi</b>, Dr.K.Lakshmi, “ Performance study of Content Based Image Retrieval System “, published in International Journal of Electronics and Communication Engineering and Technology (IJECT) , volume 8, Issue 6, Nov- Dec 2017, pp 48-61, ISSN print : 0976 – 6464 and ISSN on line : 0976 – 6472 , Journal Impact factor : 8.2691, Thomson Reuters Researcher ID : 9822 - 2016</p> <p>9.<b>Dr.L.Jayanthi</b>, Ms.R.Subalakshmi, “ Cadet Tracking Based on GPS module and Health Monitoring System with Video Communication”, International Journal for Research in Applied Science &amp; Engineering Technology, ISSN NO:2321-9653 , Volume 7, Issue VII, Impact factor:7.177, July 2019</p> <p>10.Ms.R.Subalakshmi, Ms.S.Vandhana, Dr.S.P.K.Babu, <b>Dr.L.Jayanthi</b>, “Signal Detection For Spatially Multiplexed for MIMO System” , International Research Journal of Latest Trends in Engineering and Technology, ISSN:2455-2666, Vol.8 no.1, Jul/Aug 2019</p>
		<p><b>National Journals</b></p> <p>1. <b>Ms.L.Jayanthi</b>, “Retrieval of Position of Desired Information from Recorded Lecture Videos” in PMU Journal of Engineering and Technology, Vol.1,No.1, June 2010 pp.31-38, ISSN: 0976 - 4119</p> <p>2. <b>Ms.L.Jayanthi</b>, “Animated Science Cartoon and its Effectiveness among Laymen and Various levels of Educated People” in PMU Journal of Engineering and Technology, Vol.1,No.2, December 2010 pp.43-51, ISSN: 0976 -4119</p>
Patents	:	Has one international patent as one of inventor of the project titled “ An Electro-Pneumatic Projectile Launching Training System” , 2019 funded by Indian Air force
Awards and Achievements	:	<p>1.“<b>Shakthi Award 2019</b>” in recognition of extraordinary contributions to the society in the field of Engineering &amp; Technology by nRoot associates, MASAR &amp; DELTA MART on 16.03.2019</p> <p>2. <b>Certificate of Appreciation</b> as a team member in the development of Indigenous Missile Simulator Project “<b>Pneumatically Operated Electronic Multipurpose Simulator</b>” sponsored by Indian Air Force on 10.07.2017</p>

		<p>3. <b>First Prize in Poster presentation</b> on Retrieval of desired information from recorded lecture videos , Poster presentation contest in Prof.Nama Chandra and Prof.Yongfeng Lu Meet of UNL,Nebraska, USA on 09.09.2010</p> <p>4.Received <b>Merit of Excellence Certificate</b> from IIT Bombay conducted online ISTE workshop on “Effective Teaching / Learning of Computer Programming on remote centre coordinator from 28.06.2010 to 08.07.2010</p> <p>5.Received <b>Second prize</b> with the cash award of Rs.1000 for the <b>Paper presentation</b> on “ICT enabled services for citizens in rural areas” National conference on Role of Information and Communication Technology in Disaster Management RITIDS’10 on 9.3.2010 &amp; 10.3.2010</p> <p>6.Received <b>Merit of Excellence Certificate</b> from IIT Bombay Conducted online ISTE workshop on “Effective Teaching / Learning of Computer Programming on remote centre coordinator from 14.12.2009 to 24.12.2009</p> <p>7.Recieved <b>Best Project Award 2008</b> in Region level conducted by Directorate of Technical Education</p> <p>8.Recieved <b>Best Project Award 2007</b> in region level and state level from Directorate of Technical Education with Cash award of Rs. 6000 for the project titled “ A Science cartoon on Technological Developments and Latest Trends in Information Technology - “Vikramaditan Versus Vedalam”</p> <p>9.Received <b>Best Project Award 2005</b> in region level with cash prize of Rs. 3000 from DTE for the Multimedia Project titled “ Thirukkural &amp; Science”</p>
Google Scholar Link	:	<a href="https://scholar.google.com/citations?user=-VSzfxMAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=-VSzfxMAAAAJ&amp;hl=en</a>
Contact Address	:	<p>Dr.L.Jayanthi  Dept. of ECE  Periyar Maniammai Institute of Science and Technology  Periyar Nagar, Vallam , Thanjavur  E Mail – jayanthikesavan50 @pmu.edu  Phone No : +919500978141</p>