<b>FACULTY PROFILE FORMAT (Format 3)</b>			
Staff Name	:	Dr. Shirley Selvan	
Faculty ID	:	TEC24	
Designation	:	Associate Professor	
Qualification	:	M.E., Ph.D	
Teaching Experience	:	24 years and 10 months	
Area of Specialization	:	Artificial Intelligence, Machine Learning, Communication	
_		Engineering, Medical Imaging	
Subjects Handled	:	Adaptive Learning Techniques	
		Wireless Communication	
		Communication Engineering	
		Communication theory	
		Microprocessors and Microcontrollers	
		Advanced Digital Image Processing with lab component	
		Digital Electronics	
		Satellite communication	
		Medical Electronics	
		Biomedical Instrumentation	
Books Published	:	-	
Journals Published	:	<ol> <li>Shirley Selvan, Kavitha M, Shenbaga Devi S and Suresh S. Automatic segmentation and feature extraction of breast lesions, International Journal of Computational Intelligence and Healthcare Informatics,vol.3, 65-69, 2010.</li> <li>Shirley Selvan, Kavitha M, Shenbaga Devi S and Suresh S.</li> </ol>	
		Feature extraction for characterization of breast lesions in ultrasound echography and elastography, Journal of Computer Science, vol. 6(1),67-74, 2010.(Annexure II)	
		3. Shirley Selvan, Kavitha M, Shenbaga Devi S and Suresh S. Fuzzy Based Classification of Breast Lesions using Ultrasound Echography and Elastography, Ultrasound Quarterly, vol.28(3),159–167, 2012. (Impact Factor: 1.4). (Annexure I)	
		4. Shirley Selvan, Shenbaga Devi S. Automatic Seed Point Selection in Ultrasound Echography Images of Breast using Texture features (Elsevier), Biocybernetics and Biomedical Engineering, vol.35, 157–168, 2015. (Impact Factor: 0.208), ISSN: 0208-5216. (Annexure II)	
		5. Shirley Selvan, S. Shenbaga Devi and S Suresh. 'Computer aided diagnosis of Breast Elastography and B-mode Ultrasound', Advances in intelligent systems and	

		computing, vol. 325, chapter: 24, (Springer publications), 2015. ISSN: 2194-5357.
Conference /Workshop Attended	:	4
Patent Details	:	-
Funded Project Details		-