FACULTY PROFILE FORMAT (Format 3)		
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	:	1. 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. 2. Shirley Selvan, Kavitha M, Shenbaga Devi S and Suresh S. 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		-