Profile

1	Name of the Faculty	SHRUTI	pht		
2	Date of joining	**1-8-2015**			
3	Email id	Shruti1526@gmail.com			
4	Designation	**Assistant Professor**			
5	Department	**ECE**			
6	Education Qualifications	**M.Tech (Ph.D.)**			
7	Work Experience	**Teaching**	**Research**	**Industry**	**Others**
		8.5y			
8	Area of Specialization	**VLSI Design and Embedded Systems (ECE)**			
9	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	VLSI CIRCUITS, VLSI DESIGN, ARM CONTROLLER AND EMBEDDED SYSTEMS, OPERATIONAL RESEARCH, MICROCONTROLLER, MICROELECTRONIC CIRCUITS, OPTICAL FIBER COMMUNICATION			

10	No. of papers published in National/ International Journals/ Conferences		
	Journals	**National**	**International**
			02
	Conferences	**National**	**International**
		02	
	Research Guidance		
	Master Degree	**Completed**	**Ongoing**
	Ph.D.		

11	**Projects Carried out**	**01**	**Superintendence of Avionics Parameter using CAN Protocol with SMS Vigilance**
12	**Patents**	**01**	**Artificial Intelligence based smart detection of lung disease from chest X-ray images**
13	**Technology Transfer**		
14	i. Shruti VH, "Review on FPGA based hybrid image fusion model for CT & MRI images", in Shodhasamhita : Journal of Fundamental & Comparative Research Vol. VIII, No. 1(XXXIV) : 2022 ISSN: 2277-7067. ii. Shruti VH, "Audio communication and device switching using power LED's through visible light technology", in International Journal of Combined Research and Development. International Journal of Combined Research & Development (IJCRD) eISSN:2321-225X; pISSN:2321-2241 Volume: 2; Issue: 5; May -2014.		