Department of Electronics and Telecommunication Engineering

Name	Esther Jennifer Isaac	

Date of Birth	22nd September 1986

Education Qualifications	UG	PG	PhD
	BE	ME	Pursuing

Work Experience	Teaching	Research	Industry	Others
	14	NA	NA	NA

Area of Specialization	Electronics Engineering

Courses taught	Robotics, Electronic Instrumentation and Control Systems (EICS), Principles of Communication Engineering (PCE), Digital Communication (DCOM), Power Electronics (PE), Digital Communication and Coding Techniques (DCCT), Analog and Digital Communication Systems (BADCS), Neural networks and Fuzzy logic (NNFL), Basics of Electrical and Electronics engineering (BEEE), Electronic Instrumentation and Measurements (EIM), Advanced Instrumentation systems (AIS), Industrial Electronics (IE), Robotics and Automation (R & A), Microprocessor and Microcontroller (MPMC).

Research guidance (Number of Students)	Under Graduate projects	03
	Masters	NA
	Ph.D (Completed / Thesis Submitted / Ongoing)	NA

External Fund Received	NIL

Patent (Filed / published / Granted) details	Copyright of Lab manual		
No. of papers published in National/International Journals/Conferences	01	02	04
Research Publications (No. of papers in National/International Journals / Conferences and No. of Books/ Book Chapters published	Scopus/SCI indexed journals: 01 Submitted (results awaited) Peer reviewed / UGC journals: 02 IEEE/Springer conferences: NA Books/Book Chapters: NA Other International Conferences: 04 National Conference: 01		
Projects Carried out	• Current source inverter. • 4- axis robotic arm • USB Isolator • Display and control of the Pelton Turbine • Wireless Weather Monitoring System		
Other major responsibilities	• Mentor for EXTC students (20 students) • Member of NAAC committee • Member of BE students project • Dept. coordinator for FACES- Techno-cultural fest • Dept. coordinator for E-Cell.		