

<ul style="list-style-type: none"> ✓ <i>Frequency Preserved Dispersion Compensation for WDM Signals with Polarization Insensitivity</i> ✓ <i>Long Reach Upstream 160gbps RSOA's based WDM PON using RZ modulation</i> ✓ <i>A novel PHC based 4-channel nanocavities biosensor for diagnosis of haemoglobin disorders from different states of blood simultaneously.</i> <p>JOURNAL PUBLICATION - 2</p> <ul style="list-style-type: none"> ✓ <i>Dispersion Compensation for WDM Signals with Polarization Insensitivity</i> ✓ <i>A novel PHC based 4-channel nanocavities biosensor for diagnosis of haemoglobin disorders from different states of blood simultaneously.</i> 	
<p>Research Interests</p>	<p>Type your Research Interests here:</p> <ul style="list-style-type: none"> ✓ Optical Communication ✓ Nonlinear fiber optics ✓ Photonic crystal fiber ✓ Highly nonlinear fiber ✓ Semiconductor Optical Amplifier
<p>Other relevant achievements, awards and links:</p>	<p>FACULTY DEVELOPMENT PROGRAMME</p> <ul style="list-style-type: none"> ✓ Communication Skills ✓ Research Issues in Optical Communication And Networks ✓ FDP in Entrepreneurship ✓ Recent Trends in Electronics Industry ✓ Future Trends in Electronics ✓ Virtual Teaching <p>SEMINAR and WEBINAR ATTENDED</p> <ul style="list-style-type: none"> ✓ Hands on training on patent searching and introduction to patent drafting ✓ Applications of Emerging Technologies in Engineering ✓ The Art of Writing Research Papers ✓ Emerging Trends and Solutions for Low Power VLSI Circuits ✓ Concepts of DeepLearning with its Use Cases ✓ Revolutionary Changes in Antenna Research and Impact on Covid-19 Pandemic ✓ Distributed Temperature Sensing for Real – Time Power Line Monitoring for Raman Scattering in Optical Fibers ✓ Electron Microscopy: An Essential Tool for Nanomaterials Characterization ✓ Overview of Flexible and Stretchable Electronics ✓ Applications of Specialty Optical Fibers ✓ Recent Development in Flexible Electronics ✓ Introduction to Cybersecurity ✓ Intellectual Property Rights ✓ Knowledge Sharing Session on Success Tips for Research Proposal and Research Paper Patent Act, Drafting, Filing ✓ Quality Research & Entrepreneurial Activities ✓ Research Scholars Empowerment Programme(RSEP – IV) ✓ Secrets to Get Quickly Published as a Scientific Author & Hasten your PhD Research writing ✓ Elements of Signal Integrity for Digital Data Links

	<ul style="list-style-type: none"> ✓ Tools for Making Your Thesis Complete ✓ Tools for Research and Research Paper Writing ✓ UWB Communication and Channel Characteristic <p>WORKSHOP-2</p> <ul style="list-style-type: none"> ✓ Antenna Design and Analysis using ESI's CEM Solition Tool ✓ Microwave Integrated Circuit Design (Hands-on training using ADS) <p>ONLINE GUEST LECTURES ATTENDED</p> <ul style="list-style-type: none"> ✓ Kretschmann-based Surface Plasmon Resonance Biosensors ✓ Optical Technologies for Point-of-Care Testing and Diagnostics
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