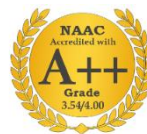





# SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

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Department of Biomedical Engineering					
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	0	3	-	3	
Date of Joining the Institution	1/7/2022				
Area of Specialization	Optical Communication				
Courses taught	Embedded systems and IoMT Communication Engineering				
Research Focus	-				
Research guidance (Number of Scholars)	-				
Subject Competency	-				
No. of papers published	National Journals		International Journals		Conferences
			3		1
PG Specialization	Optical Communication				
Ph.D. Specialization	-				
Projects Carried out	-				
Patents (Filed & Granted)	1				
Technology Transfer	-				
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-				



## ***Academic Credentials***

<b>Level</b>	<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Year of Completion</b>
UG	B.E	Electronics and Communication Engineering	Anna University	2019
PG	M.E	Optical Communication	Anna University	2021

### **Details of Journal Publication:**

1. **Julie Bersiyal**, D Alan Judah Elroy, Hari Haran S, Dinesh Kumar G, Thoufiq Mohamed Ansari M, “Automatic Detection of Coronavirus Disease (COVID-19) Using X-ray Images and Convolutional Neural Networks”,*National Journal on Information and Communication Engineering*, Volume 13, Issue 3, Pages 13-16, January 2023, ISSN:2231-2099.
2. Circularly Polarized Mono-pole Antenna For broadband application at International Journal of Creative research thoughts
3. An Image Processing based photovoltaic generation at SSRG International Journal of Electronics and Communication Engineering

**Details of Conference attended:** International Conference on Integration of Computational Intelligent system 2023: Title Multi-Scale Bilateral Filter Based Medical Image Fusion Using CNN

### **Details of Book Chapter and Books Published:**

### **Details of Patents Filed and Granted:**

Artificial Intelligence based biosensor device to detect breast cancer

### **Expert Lecture Delivered:**

.