



**Adi Shankara Institute of Engineering and Technology**

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**Department of  
Electronics & Communication Engineering**

**AY: 2020 -2021**

<b>Sl No</b>	<b>Faculty Name</b>	<b>Total No of Publications</b>	<b>Title/Topic</b>	<b>Indexing</b>
1	Dr. Hariharan N	3	Survey on Load Balancing & Future Research Avenues in Routing Protocol for Low Power Lossy Networks in IoT Networks	International Journal of Advanced Science and Technology <b>(Scopus Indexed)</b>
			A Compact Microstrip Quadband Bandpass Filter using Six Mode Resonator and a Hairpin Resonator	International Journal of Advanced Science and Technology <b>(Scopus Indexed)</b>
			Design and Development of IoT Assisted Plant Health monitoring	Patent
2	Dr. Ragesh G K	6	A Compact Microstrip Quadband Bandpass Filter using Six Mode Resonator and a Hairpin Resonator	International Journal of Advanced Science and Technology <b>(Scopus Indexed)</b>
			"Physical Layer Security of Cognitive Ambient Backscatter Communications for Green Internet-of-Things"	IEEE Transactions on Green Communications and Networking, <b>(SCI indexed)</b>
			Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	patent 202041017320
			Design and Development of IoT Assisted Plant Health monitoring	Patent 202041017340
			TRAILBLAZER: A Multipurpose Prototyping Machine	Patent 202041017342

			LIFE SAVVY- Wearable Flu Sense Device.	Patent 202041027105
3	Ajay Kumar	4	Survey on Load Balancing & Future Research Avenues in Routing Protocol for Low Power Lossy Networks in IoT Networks	International Journal of Advanced Science and Technology <b>(Scopus Indexed)</b>
			A Compact Microstrip Quadband Bandpass Filter using Six Mode Resonator and a Hairpin Resonator	International Journal of Advanced Science and Technology <b>(Scopus Indexed)</b>
			Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
			Design and Development of IoT Assisted Plant Health monitoring	Patent
4	Dr. Bipin P R	2	Super Resolution based Automatic Diagnosis of Retinal Disease for clinical applications.	Neural Processing Letters <b>(SCI)</b>
			Exploitation whale optimization based optimal offloading approach and topology optimization in a mobile ad hoc cloud environment	Journal of Ambient Intelligence and Humanized Computing <b>(SCI)</b>
5	Dr Gopakumar V T	1	A novel design proposal for low-cost vein-viewer for medical and non-contact biometric applications using NIR imaging	Journal of Medical Engineering & Technology <b>(Scopus Indexed)</b>
6	Arya Paul	1	Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
7	Anuroop K B	3	Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
			TRAILBLAZER: A Multipurpose Prototyping Machine	Patent

			LIFE SAVVY : Wearable Flu Sense Device	Patent
8	Divya V Chandran	5	Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
			User-Device Interfacing Technology with EEG and 3D eye tracking	Patent
			Automatic Side Stand	International Journal of Advanced Research in Computer and Communication Engineering <b>(ICI)</b>
			Smart Shoes – An Aid To Blind People	International Journal of Advanced Research in Computer and Communication Engineering <b>(ICI)</b>
			Freshaust: An innovative Home exhaust fan	International Journal of Innovative Research in Computer and Communication Engineering <b>(ICI)</b>
9	Remya Ramesh	1	Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
10	Albins Paul	2	Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
			Design and Development of IoT Assisted Plant Health monitoring	Patent
11	Archana Aniyar	1	Design of a Single Smart Handheld Device for Controlling and Diagnosis of Asthma	Patent
12	Aswathy N	5	Custom Face Recognition Using YOLO V3	International conference on Signal processing and Communication (

				ICPSC) ( <b>scopus indexed</b> )
			BOJA: The Automatic Wall Painting Robot	Patent
			Automatic Side Stand	International Journal of Advanced Research in Computer and Communication Engineering ( <b>ICI</b> )
			Smart Shoes – An Aid To Blind People	International Journal of Advanced Research in Computer and Communication Engineering ( <b>ICI</b> )
			Freshaust: An innovative Home exhaust fan	International Journal of Innovative Research in Computer and Communication Engineering ( <b>ICI</b> )
13	Anjaly Gopinath	1	BOJA: The Automatic Wall Painting Robot	Patent
14	Anju George	2	Custom Face Recognition Using YOLO V3	International conference on Signal processing and Communication ( ICPSC) ( <b>scopus indexed</b> )
			BOJA: The Automatic Wall Painting Robot	Patent
15	Anjana S	1	BOJA: The Automatic Wall Painting Robot	Patent
16	Neetha K	1	BOJA: The Automatic Wall Painting Robot	Patent
17	Savitha Raghavan	1	BOJA: The Automatic Wall Painting Robot	Patent
18	Neema M	1	BOJA: The Automatic Wall Painting Robot	Patent

19	Prasanth P Menon	1	Numerical Analysis of S - Shaped Micro Strip Patch Antenna Using FDTD	Annals of the Romanian Society Journal ( <b>scopus indexed</b> )
20	Jaimy James	1	Custom Face Recognition Using YOLO V3	International conference on Signal processing and Communication ( ICPSC) ( <b>scopus indexed</b> )