


FACULTY PROFILE

Name of the Faculty:	IDRISH SHAIK					
Designation:	Assistant Professor					
Department:	Electronics & Communication Engineering					
Date of Birth:	04/06/1988					
AICTE – ID:	1-1513690993					
Education	<ul style="list-style-type: none"> PhD(ECE-Wireless Communication) pursuing from Andhra University M.Tech (ECE-Embedded System) with first class and distinction from VIGNAN University during 2009-2011. B.Tech (ECE) with first class from JNTU Kakinada during 2005-2009. 					
Experience	Teaching: <u>12</u> Years	Industry: ____ Years	Total: <u>12</u> Years			
	Research: ____ Years	Others: ____ Years				
Research Specialization	5G MIMO antennas					
Courses taught	1. Satellite Communication 2. Optical Communication 3. Radar Engineering 4. Electronic Devices & Circuits 5. Antennas & Wave Propagation 6. Wireless Communication 7. PEHV 8. ECA 9. VHDL 10. Basic Instrumentation 11. Circuit Theory					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Design and Analysis of a Compact 38 GHz Wideband Monopole Antenna for 5G mm-wave Wireless Applications	PIER C	2023	135	83-94	Scopus
2	A Compact Dual-Band Octal Patch Loaded with Bow-Tie Parasitic MIMO Antenna Design for 5G mm -Wave Wireless Communication	PIER C	2023	133	121-134	Scopus
3	A Novel Quadrangular Slotted DGS with a Wideband Monopole Radiator for Fifth-Generation Sub-6 GHz Mid-Band Applications	PIER C	2023	133	109-120	Scopus

4	Design of Metamaterial based UWB antenna: A Review	International Journal of Applied Sciences, Engineering and Management	2020	9	01-08	UGC
5	Fast Phase Unwrapping Method Based On G-Puma And Spa Techniques: G-Puma-Spa	ARNP Journal of Engineering And Applied Sciences	Feb 2016	11		Scopus
6	Very Fast Absolute Phase Estimation: G-PEARLS & I-PEARLS	International Journal of Engineering and Technology (IJET)	Nov 2015	7	1754-1766	Scopus
7	Very Fast Phase Unwrapping Via Grid-Cuts: G-PUMA	International Journal of Applied Engineering Research(IJAER)	Aug 2015	10	34120-34131	Scopus
8	I-PUMA:FastPhase UnwrappingVia IBFS Graph Cuts	International Journal of Engineering and Technology (IJET)	Mar 2015	7	254-265	Scopus
9	A multi-objective particle swarm optimization based low complexity approach	International Journal of electrical Electronics and Communication (IJECC)	July 2014	18		Google scholar
10	Hybrid 3dvt For Next Generation By Using Dvb-T2-Lite	International Journal Of Advance Research Computer And Communication Engineering (Ijarcce)	Sep 2014	3		Google scholar
11	Reducing Handover failure Rate by RF Optimization	International Journal of Engineering and Innovative Technology(IJEIT)	May 2013	2		Google scholar

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202341050227	Design of Ultra Compact Dual-band 26/38 GHz monopole Antenna for 5G mm-wave applications	27/7/2023	Published

Details of Conferences presented

S.No.	Name of the event	Organized by	Dates
1	A High-Gain and Dual-band MSPA 1x2 array for 5G n78/n79 Sub-6GHz Cellular applications	2023 2nd IEEE- International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	2023/5/5
2	A short review on recent models and requirements of antennas for 5G applications	2022 IEEE- International Conference on Computing, Communication and Power Technology (IC3P)	2022/1/7
3	Performance of Error Correction Codes for 5G Communications	Microelectronics, Electromagnetics and Telecommunications: Proceedings of the Fifth ICMEET 2019- Springer	2021
4	An algorithm to analyze and classify LPI radar signals with wavelets using QMFB technique and porting it on Tiger Sharc processor	International Conference on computing, Communications, Systems and Aeronautics (ICCCSA-201)	March 30-31, 2012
5	Design of Application Software for Receiver Processor Subsystem	International Conference on Advances in Signal Processing and Communications (NECICASPC-2016)	September 9-10, 2016

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1			

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1			

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 11	Ongoing:
2	PG	Completed: 3	Ongoing:
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	ECE Examination Officer	July 2023-
2	IETE Coordinator	July 2023-
3	SPOC- ECE Jnanabhoomi Coordinator	September 2019- June 2023
4	Department Library Incharge	2016-2018
5	M.Tech Class Coordinator	2014-2018

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=-Ne5qs4AAAAJ&hl=en
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56565282200
ORCID ID	https://orcid.org/0000-0002-4377-4351 View this author's ORCID profile
Vidwan ID	

Any other relevant information

A handwritten signature in black ink, appearing to read "Shaila Idrish". The signature is written in a cursive style with a horizontal line underneath the name.

(Sk. Idrish)