


FACULTY PROFILE

Name of the Faculty:		Mahaboob Subani Shaik				
Designation:		Assistant Professor				
Department:		ECE				
Date of Birth:		10-05-1980				
AICTE- ID:		1-424591015				
Education		<ul style="list-style-type: none"> Pursuing PhD from VTU, Belagavi, Karnataka. [PG] in Communications and Signal processing from Acharya Nagarjuna University, Location, [2005 – 2007]. [UG] in Electronics And Communication Engineering from JNTU, HYD, [2001 – 2004]. 				
Experience		Teaching: <u>17</u> Years	Industry: <u>Nil</u> Years	Total: 17 Years		
		Research: <u> </u> Years	Others: <u> </u> Years			
Research Specialization		VLSI, Nano Technology.				
Courses taught		1. UG--EDC, ECA, CT, DS USING PYTHON, AIML, AI, LOW POWER VLSI, DSP, DIP, DC, DLD 2. PG---ADC, ASP, SATCOM				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	“QCA-Based Pulse/Bit Sequence Detector Using Low Quantum Cost D-Flip Flop”	Journal of Circuits, Systems, and Computers	2023	32	23500 82 (21 pages)	SCIE with IF:1.26
2	“Synthesis of SnO ₂ Nanoparticles Using Ficus religiosa Leaf Extract and their Application in Fabrication of OFETs for Glucose Monitoring”	Advanced Materials Research	2000	1159	67- 77(11 pages)	Google scholar
Details of Patents (Filed & Granted)						
S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted		
1	202141050175 A	CONGESTION AVOIDANCE AND CONTROL IN 5G	19/11/2021	Published		

		WIRELESS SENSOR NETWORK FOR CHAIN TOPOLOGY		
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Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	Nanosensors&Devices,	NITTR	22/08/2022 to 26/08/2022
2	Design andVerificationusing Verilog	Abhiyantha-Entuple	28/08/2022 to 09/11/2022
3.	Physical Designand Verification	Abhiyantha-Entuple	09 /12/2022 to 20/01/23
4.	Pythonprograming	Udemy	72.5 Total Hovers

Student Project/research guidance

S.No	Level	Total number
1	UG	Completed: 28 Ongoing:2
2	PG	Completed: 5 Ongoing:-

Administrative experience

S.No.	Role	Duration (From – to)
1	Vice- Principal(2 nd shift Polytechnic)	2.5 years(28-02-2013 to 20-12-2015)

Research credentials

Index/database	ID/Link
Google Scholar	eGIzCLEAAAJ
Vidwan ID	324390
ORCID	0000-0001-7412-7838

Any other relevant information

(MAHABOOB SUBANI SHAIK)
(21-09-2023)