

Dr. Vijayasankar Anumala



Designation : Associate Professor
E-Mail ID : vijayasankar.anumala@vrsiddhartha.ac.in
Contact at : Department of Electronics and Communication Engineering,
 Velagapudi Ramakrishna Siddhartha School of Engineering
 Siddhartha Academy of Higher Education
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Biomedical Signal Processing)

2018, Andhra University, Visakhapatnam

M.Tech (Digital Electronics & Communication System)

2003, Visveswaraiah Technological University, Belgaum, Karnataka

B.E (Electronics and Communication Engineering)

2001, Andhra University, Visakhapatnam

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2003-2006	Assistant professor	Bapatla Engineering College	Curriculum design, Ph.D./PG guidance, Academic leadership, NBA/NAAC coordination.
2006-2007	Sr. Assistant professor	Shri Vishnu Engineering College for Women	Curriculum design, Ph.D./PG guidance, Academic leadership, NBA/NAAC coordination.
2008-2010	Associate Professor	Dadi Institute of Engineering and Technology	Curriculum design, Ph.D./PG guidance, Academic leadership, NBA/NAAC coordination.
2010-Till Date	Associate Professor	V R Siddhartha Engineering College	Curriculum design, Ph.D./PG guidance, Academic leadership, NBA/NAAC coordination.

Research Interests

Broad Area of Research :

Biomedical Signal Processing, Communications

Honors and Awards

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Courses Taught

S.No	Course Name	Level (UG/PG)
1	Analog & Digital Communications	UG
2	Electromagnetic Waves and Transmission Lines	UG
3	Analog Circuits	UG
4	Antennas and Wave Propagation	UG
5	Pulse and Digital Circuits	UG
6	Satellite and Optical Communications	UG
7	Microwave Engineering	UG
8	Radar Principles	UG
9	Switching Theory and Logic Design	UG
10	Advanced Digital Communications	PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.co.in/scholar?hl=en&as_sdt=0%2C5&q=Vijayasankar+Anumala
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Scopus	http://www.scopus.com/result/authorNamesList.uri?sort=count-t&src=a1&st1=Anumala&st2=Vijayasankar&sid=6953
ORCID	https://orcid.org/0000-0002-1483-1708
Publons	https://publons.com/researcher/1834702/vijayasankar-anumala/
Research Gate	https://www.researchgate.net/profile/Vijayasankar-Anumala

Recognized Research Supervisor

S.No.	Department	University
01.	ECE	JNTUK

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.						
02.						

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1				

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	AI for every one	Courseera	8 Weeks	2020
2.	Mathematics for Machine Learning	Courseera	12 Weeks	2020
3.	Python for Everybody	Courseera	12 Weeks	2020
4.	Cyber security and Internet of Things	Courseera	12 Weeks	2020
5.	Bits and Bytes of Computers	Courseera	8 Weeks	2023

Consultancy / Industry Projects

Completed	02
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On-going	00
Applied	00

Patents

S.No	Title	Status	Application No.	Year
1.	An IOT based Health monitoring System to facilitate treatment during Pandemic	Published	202241005440	2022
2.	Implementation Of Artificial Intelligence and Machine Learning Techniques for Data Analysis In Digital Marketing Using Ethical and Legal Dimensions	Published	202341016832A	2023
3.	Nano Robotic Arm to Operate in the Endoscopy	Published	202341037699	2023
4.	A cloud-based Robotics control System	Published	202341068188	2023
5.	A Nano Biosensor for sustainable agriculture practice and food industries	Published	2024 41020870	2024
6.	A Distributed Network for Renewable energy sources using remote control system	Published	202541004598	2025

Ph.D

Awarded	00
Guiding	02

Invited Talks

No. of Invited Talks	02
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Professional Service / Reviewer

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	15
International / National Level Seminars	04/ 02
International / National Level Conferences	08 / 06
Workshops	08
Instructor Led / Self-Paced Courses	06
Webinars	02

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
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1.	F-502907	IETE Fellow
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(Dr. A. Vijayasankar)
