

NUNNA SIVALEELA CV

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Institution [Chaitanya Engineering College]
Date of Birth [11/03/1977]
Gender (M/F/T) [FEMALE]
Category (Gen/SC/ST/OBC) [OBC]
LinkedIn/ORCID/Other IDs [Google Scholar ID: uNID2]EAAAAJ]

Photo



Academic Qualifications (Undergraduate Onwards)

Degree	Year	Subject	University/Institution	%/CGPA
B.TECH	2013	ECE	Andhra University, Vishakhapatnam	67%
M.TECH	2017	DECS	Chaitanya Engineering College Kommadi Vishakhapatnam	73 %

Work Experience (Chronological Order)

S.No	Position	Institute	From	To
1	Supervisor	KEE Line	1996	1997
2	Supervisor	Divis Laboratories	2001	2007
3	Assistant Professor	Chaitanya Engineering College Vishakhapatnam	01-06-2017	till date

Publications

S.No	Authors	Title	Journal	Volume/Page	Year
1	N.Sivaleela K.Suresh	MIMO-OFDM Wireless Channel Prediction by Exploiting Spatial- Temporal Correlation	International Journal & Magazine of Engineering, Technology, Management and Research	Volume-3 Pg no; 1941-1946	2016
2	N.Sivaleela, T.Jyothi Kumari, P.Rohit, V.Pavani	Voice Controlled Personal Assistant Robot For Smart Appliances By Using Raspberry- Pi	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume-11, pg no:574-579	2024
3	N.Sivaleela, T.Jyothi Kumari, P.Rohit, V.Pavani	Unveiling Personnel Tension Disorder Using Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT)	Volume-13, pg no: 66-75	2025
4	N.Sivaleela, T.Jyothi Kumari, P.Rohit, V.Pavani, S.Tejeswararao	Refinement Of OFDM Based Integrated Radar Communication System By Using Kookaburra Optimization Algorithm (KOA)	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume-12, pg no: 168-175	2025
5	N.Sivaleela, T.Jyothi Kumari, P.Rohit, V.Pavani, L.Varaprasad	Internet Of Things Enabled Prenatal Care Monitoring For Expecting Mothers	TIJER - INTERNATIONAL RESEARCH JOURNAL	Volume-12, pg no: 361-368	2025
6	N.Sivaleela, P.Rohit, D.Rajitha, V.Pavani, K.Anitha	Exploring Reconfigurable Antenna Structure For LTE Using Penguin Search Optimization Algorithm (PSOA)	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume-12, pg no: 181-186	2025
7	N.Sivaleela, T.Jyothi Kumari, P.Rohit,	Adaptive Image Enhancement Through	Journal of Emerging Technologies and	Volume-12, pg no: 386-391	2025

	V.Pavani, L.Varaprasad	Reflectance Guided 2D Histogram Equalization	Innovative Research (JETIR)		
8	N.Sivaleela, T.Jyothi Kumari, P.Rohit, D.Rajitha, V.Pavani	Improving Power Efficiency And Blocking Probability In 5G Mm-Wave MIMO Systems Through Adaptive Beamforming	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume-13, pg no: 441-448	2026
9	N.Sivaleela, T.Jyothi Kumari, P.Rohit, V.Pavani, K.Anitha	An Intelligent Non-Invasive Glucose Monitoring System Using Histogram Features, SVM and ADAGRAD Optimization	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume-13, pg no: 676-682	2026

Technical Skills

Skill / Technology		
Programming	C	Python
Software Tools	MATLAB	HFSS
Core Skills	Machine Learning	Deep Learning
Domain Knowledge	RF & Microwave Engineering	Wireless Communication

FDPs

S.No	Program / Certification	Organization	Year
1	Faculty Development Programme	Godavari Institute of Engineering and Technology	2018