

RESUME

Dr. SAMUYELU BOMMU, M.Tech, Ph.D.
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Objective : To be dynamic and take up challenging assignments in the teaching field.

Highest Qualification : Ph.D. in Electronics and Communication Engineering from A.U. College of Engineering, Andhra University, Visakhapatnam.

Teaching Experience : 17 years

Name of the Institute	Designation	Department	Period of Service
Prasad V Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada	Senior Assistant Professor	ECE	Mar, 2010 to till date
Prasad V Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada	Assistant Professor	ECE	June, 2006 - Feb, 2010
Lakireddy Balireddy College of Engineering, Mylavaram, Krishna(Dist)	Assistant Professor	ECE	June, 2005- June 2006
Loyola Institute of Technology & Management, Dhulipalla, Sattenapally, Guntur(Dist)	Assistant Professor	ECE	Nov, 2003 - June, 2005

ACADEMIC DETAILS :

Degree	Branch/ Specialization	Year of Passing	Institute	University
Ph.D.	Signal Processing (ECE)	2018	A.U. College of Engineering, Visakhapatnam	Andhra University
M.Tech.,	Radar & Microwave Engineering (ECE)	2003	A.U. College of Engineering, Visakhapatnam.	Andhra University
B.Tech.,	Electronics & Communication Engineering	1999	RVR & JC College of Engineering, Guntur.	Nagarjuna University

Publications:

International Journals:

- **B. Samuyelu** and P. Rajesh Kumar, "Robust Normalized Subband Adaptive Filter for Acoustic Noise and Echo Cancellation Systems", Advances in modeling and analysis B, Vol. 62, No. 2-4, pp. 61-71, December, 2019.
- **B. Samuyelu** and P. Rajesh Kumar, "Normalised subband adaptive filtering with extended adaptiveness on degree of subband filters", International Journal of Electronics, Vol.104, No.12, pp. 2048-2061, 2017. (**SCIE Indexed**)
- **B. Samuyelu** and P. Rajesh Kumar, "Deterministic Initialization Principle for Normalized Subband Adaptive Filtering", International Journal of signal and imaging systems Engineering, Vol.11, No.4, pp. 246-257, 2018. (**SCOPUS Indexed**)
- **B. Samuyelu** and P. Rajesh Kumar, "Memorized error and varying error bound for extending adaptiveness for normalized subband adaptive filtering", Alexandria Engineering Journal, Vol.57, Issue 4, PP.2445-2453, 2018. (**SCOPUS Indexed**)
- **B. Samuyelu** and P. Rajesh Kumar, "Multi-source echo cancellation system by advanced normalized subband adaptive Filtering", International Journal of Recent Scientific Research, Vol.9, issue 2(A), pp.23766-23773, Feb,2018.
- Y. Naga Lakshmi and **B. Samuyelu**, "Low Power Allocation Based Error Improvements in Wireless 5G", International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-4, ISSN: 2277-3878, pp: 11049-11052, November,2019.

- K Sirisha, **B.Samuyelu** and P. Karunakar, “Dynamic and energy efficient resource allocation for OFDM based cognitive radio networks”, International Journal of Advance Research and Latest Trends, Vol.09, issue 4, pp.2282-2285, Nov, 2017.
- M.Srikanth Reddy, **B.Samuyelu** and P. Karunakar, “Echo Noise reduction using dynamic selection of sub band adaptive filters”, IJRCCT, Vol.4,issue 9, pp.714-718,September,2015.
- K. Sushma Rani and **B. Samuyelu**, “Adaptive Noise Cancellers for Corrupted Electro cardiac signals”, IJRECE, Vol.2.0, issue 5, pp. 590-596, July-Aug, 2014.
- Sk. Mastan Vali, **B. Samuyelu** and J. Kiran Chandra Sekhar, “Generation of New Complementary and Sub complementary pulse Compression code sequences”, IJERT, Vol.2.0, issue 11,pp. 3933-3938, Nov,2013.

Patents:

- FRAMEWORK FOR OPTIMAL CONFORMAL ANTENNA DESIGNS, Application No: 202041040269, Journal No: 43/2020, Publication Date: 23/10/2020, India.

Membership of professional Societies:

- Life member in *The Indian Society for Technical Education* (ISTE)
- Life member in *The Indian Society of systems for Science & Engineering* (ISSE)

PERSONAL DETAILS:

Name : Dr. Samuyelu Bommu
Father's Name : B. China Venkaiah
Gender : Male
Marital status : Married
Date of Birth : 01 – 01 – 1976
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DECLARATION:

I hereby declare that the details mentioned above are true to the best of my knowledge.

Date:

Signature of the Applicant