Dr.BINDU C J

PROFILE	Assoc.Professor (Electrical Engg.) Model Engineering College, Ernakulam. Email : bindudevan@mec.ac.in bindudevan@gmail.com	
EXPERIENCE	18 YEARS IN TEACHING 3 YEARS IN SOFTWARE 3 YEARS IN ELECTRICAL CONSULTANCY	

EDUCATION

Ph.D in the area of Microwave Electronics	Cochin University of Science and Technology, India,
M.Tech –Embedded Systems	University of Calicut, First Class
P G Diploma in Client Server Computing,	Amrita Institute of Computer Technology,
PGDCA	Department of Technical Education, Govt. of Kerala
B Tech – Electrical Engineering	Govt. Engineering College, Thrissur, University of Calicut

AREAS OF INTEREST

Planar filters, Embedded Systems, Control Systems, Electromagnetics, Signal Processing

MEMBERSHIP IN PROFESSIONAL BODIES

Life Member ISSE (Indian Society of Systems for Science and Engineering)

Life Member ISTE (Indian Society for Technical Education)

International Journals

1. Bindu C J , Anishamol Asokan , Anju Pradeep , Binu Paul , S Mridula, “Study of Rectangular Spiral Resonators and their Applications in MICS Band Notch Filters”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Special Issue 5, pp.163-170, Mar. 2017

2. Bindu C J, S Mridula and P Mohanan, ``Design, Analysis and Equivalent Circuit Modeling of a Microstrip UWB Filter", International Journal of Simulation: Systems, Science and Technology, Vol.17, No.32, pp31.1-31.5, 2016.

3. Anishamol Asokan, Bindu C J, Anju Pradeep, Binu Paul, S Mridula, ``Compact Microstrip Coupled line Bandpass Filter for C Band Applications", International Journal of Advanced Research in Electronics and Communication Engineering, Vol.4, Issue 10, pp.2598-2601, Oct. 2015.

4. Bindu C J, Anju Pradeep, S Mridula and P Mohanan, “Compact Planar UWB Filter Using Cascaded Resonators", International Journal of Ultra Wideband Communications and Systems, Vol.3, No.2, pp. 75-84, 2015.

5. Chettiparampil J. Bindu, Shanta Mridula and Pezholil Mohanan, “High Selectivity Filter Employing Stepped Impedance Resonators, Series Capacitors and Defected Ground Structures for Ultra Wide Band Applications", Progress in Electromagnetics Research C, Vol. 49, pp. 123-131, 2014.

International Conferences

1. Bindu C J, S Mridula and P Mohanan, ``Equivalent Circuit Modeling of a Microstrip UWB Filter", 9th IEEE Asia Modelling Symposium, Kuala Lumpur, Malaysia, pp. 175- 178, Sep. 2015.

2. Bindu C J, Binu Paul, S Mridula and P Mohanan, ``Compact Band Notched UWB Filter for Wireless Communication Applications", International Conference on Advances in Computing and Communications, Kochi, India. pp. 318-321, Sep. 2015.

3. T K Ramya, Bindu C J, Anju Pradeep, Binu Paul, S Mridula, ``Compact Tunable Filters For Broadband Applications", International Conference on Information and Communication Technologies proceedings in Elsevier's Procedia Computer Science, Kochi, India, Vol.46, pp. 957-964, Dec. 2014.

4. Bindu C J, S Mridula, P Mohanan, ``Coplanar Waveguide Filter using Stub Resonators for Ultra Wideband Applications", International Conference on Information and Communication Technologies proceedings in Elsevier's Procedia Computer Science, Kochi, India, Vol.46, pp. 1230-1237, Dec. 2014.

5. Bindu.C J, S Mridula, ``Folded SIR Filter with CSRR's for Ultra Wide Band Applications", International Symposium on Electronic System Design organized by the IEEE Computer Society, NTU, Singapore, pp. 182-185, Dec. 2013.

6. Bindu C J, S Mridula and P Mohanan, ``Design of Compact Planar Ultra Wide Band Filter", International Joint Colloquiums on Computer Electronics Electrical Mechanical and Civil (CEMC), Kochi, pp.114-117, Sep. 2011.

National Conferences

1. Bindu C J, Anju Pradeep, S Mridula, ``Compact Ultra Wide Band Filter Using Chip Inductors and CSRR's", National Symposium on Antennas and Propagation (APSYM), pp.90-93, Dec. 2012.

COURSES HANDLED

Sl. No	Course Name	UG/PG
1	Embedded and Real Time Systems	PG (VLSI & Embedded Systems)
2	Embedded System Design	PG (VLSI & Embedded Systems)

3	Embedded Product Design	PG (VLSI & Embedded Systems)
4	System on Chip Design	PG (VLSI & Embedded Systems)
5	Advanced Microcontrollers & Real Time Operating systems	PG (VLSI & Embedded Systems)
6	Research Methodology	PG(Optoelectronics & Communication systems)
7	Introduction to Electrical Engineering	B Tech Electrical & Electronics Engg. (KTU)
8	DC Machines and Transformers	B Tech Electrical & Electronics Engg. (KTU)
9	Linear Control Systems	B Tech Electrical & Electronics Engg. (KTU)
10	Electromagnetics	B Tech Electrical & Electronics Engg. (KTU)
11	Digital Signal Processing	B Tech Electrical & Electronics Engg. (KTU)
12	Product Design & Development	B Tech Electrical & Electronics Engg. (KTU)
13	Circuits and Networks	B Tech Electrical & Electronics Engg. (CUSAT)
14	Power Electronics	B Tech Electrical & Electronics

		Engg. (CUSAT)
15	Embedded Systems	B Tech Electronics & Communication Engg. (CUSAT)
OTHER DUTIES/RESPONSIBILITIES		
Staff In Charge of AICTE Portal, Model Engineering College		
Member, Internal Audit Cell		
Member, Institutional Technical Committee		
Staff Advisor to 2019-23 batch Electrical & Electronics Engineering		