


## FACULTY PROFILE

1	Name of Faculty	BINDIMA T		
2	Designation	ASSISTANT PROFESSOR		
3	Department	AEI		
4	D O J	4-6-2014		
5	Contact No	9495663242		
6	Email	bindima@geckkd.ac.in		
7	Academic Qualifications			
	Degree	Year	Branch/Area of specialization	Institution
	BTech	2002	Electronics & Communication Engg.	LBS College of Engg, Kasaragode
	MTech	2008	Digital Communication	Dept. Of Electronics, CUSAT
	PhD	2018	Signal Processing	NIT Calicut
8	Professional Experience			
	Period served	Name of Institution		Designation
	11.08.2008 –03.06.2014	GEC Wayanad		Asst.Professor
	04-04-2014-31-07-2014	GEC Kozhikode		Asst.Professor
	31-07-2017 Onwards	GEC Kozhikode		Asst.Professor
9	Publications (List is attached)			
	Journal			5
	International Conference			2
	National Conference			1
10	No. of STTPs attended from 2012	9		
11	Membership in professional Bodies	IEEE professional member		
12	No. of M.Tech. projects guiding/guided from 2012 till date	Guided	Guiding	
		5	NIL	
13	Field of Interest	Signal Processing		
14	Additional Responsibilities	<p>Staff Advisor, IEEE Student Branch Counsellor, Valuation Camp Co-ordinator of S3/S4. Served as Educational activities chair of IEEE Malabar subsection. Served as resource person to deliver an invited talk for the BGB workshop of IEEE Malabar subsection</p>		
15	Awards/Recognition	NIL		

## LIST OF PUBLICATIONS

1. T Bindima, N Nimisha, Design of low complexity variable digital filter based on frequency response masking technique and Farrow structure., National Conference on Communication Systems (NCOCS-2019), NIT Puducherry, 21 Sep 2019
2. T Bindima, M Manuel, E Elias, [An efficient transformation for two dimensional circularly symmetric wideband FIR filters](#), 2016 IEEE Region 10 Conference (TENCON), 2838-2841.
3. UK Shahanas, T Bindima, E Elias, [Design of reconfigurable directional filters using McClellan transformation and spectral approximation in 2D space](#), 2017 IEEE 30th Canadian Conference on Electrical and Computer Engineering .
4. T Bindima, E Elias, [A novel design and implementation technique for low complexity variable digital filters using multi-objective artificial bee colony optimization and a minimal spanning tree](#) , Engineering Applications of Artificial Intelligence 59, 133-147, 2017.
5. T Bindima, E Elias, [Design of efficient circularly symmetric two-dimensional variable digital FIR filters](#), Journal of Advanced Research 7 (3), 336-347, 2016.
6. T Bindima, UK Shahanas, E Elias, [Low complexity fan filters using multiobjective artificial bee colony optimization aided McClellan Transformation for directional filtering](#), IEEE Transactions on Circuits and Systems II: Express Briefs 65 (12), 2057-2061, 2018.
7. T Bindima, E Elias, [Design and Implementation of Low Complexity 2-D Variable Digital FIR Filters Using Single-Parameter-Tunable 2-D Farrow Structure](#), IEEE Transactions on Circuits and Systems I: Regular Papers 65 (2), 618-627, 2018.
8. T Bindima, E Elias , [Low-Complexity 2-D Digital FIR Filters Using Polyphase Decomposition and Farrow Structure](#), IEEE Transactions on Circuits and Systems I: Regular Papers 66 (6), 2298-2308, 2019.

## LIST OF STTPS ATTENDED (from 2016 onwards)

Course Name	Duration		Duration	Organised by	Sponsoring Agency
	From	To			
Statistical Methods for Pattern Recognition	20/01/2020	25/01/2020	6 days	GEC Kozhikode	DTE
Advanced Tools in Engineering Optimization	22/07/2019	26/07/2019	5 days	GEC Kozhikode	KTU
Mathematical Methods in Engineering	11/02/2019	16/02/2019	5 days	GEC Kozhikode	TEQIP II
Deep Learning	18/12/2018	22-12-2018	5 days	NIT Calicut	Industry Institute Interactio
Research Writing: Technical and Language Aspects.	28-02-2016		1 day	NIT Calicut	AICTE-MHRD-TEQIP-II

Hybrid Renewable Energy Sources & Systems	10-03-2014	14-03-2014	5days	GEC ayanad	DTE
Recent Advances in Computational Methods with Applications	30-06-2014	04-07-2014	1 week	IIT Roorkee	QIP
Workshop on LATEX	9-09-2013	10-09-2013	2days	GEC ayanad	TEQIPII
Communication Networks & Security	27-02-2013	2-03-2013	5days	GECWayanad	DTE

List of STTP Coordinated

Sl No	Name of Course	Period	Number of days	Name of institution
1	Deep Learning using Python	13-18 Jan 2020	6 days	GEC Kozhikode

**Copy of appointment order 2. Probation declaration order 3. Transfer/posting order 4. Copies of certificates 5. Copies of STTP attended 6. Publications**