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Ph.D Supervisor Details

1. Name of the Faculty:	Dr.A.N.Jayanthi
2. Designation:	Associate Professor
3. Department:	ECE
4. Anna University Ref. No. for Supervisor Recognition:	2440114
5. Title of Ph.D. Thesis:	Certain Methods for the Performance Enhancements of VLSI Adders
6. Faculty in which Ph.D was awarded:	Information and Communication Engineering
7. Area of Specialization in Ph.D:	VLSI Design
8. Year of Ph.D Completion:	2014
9. Year of got Supervisor Recognition:	2014



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10. List of Journals papers published:

Sl. No.	Author's	Title of the Paper	Name of the Journal	URL of the Journal Home Page	Volume, Issue no & Year of Publication	ISSN No.	DOI No.
1.	Geetha.P, Jayanthi V S, Jayanthi.AN	Multiple share creation based visual cryptographic scheme using diffusion method with a combination of chaotic maps for multimedia applications	Multimedia Tools and Applications	https://link.springer.com/journal/11042	Vol 78 , No 13,2019	1573-7721	https://doi.org/10.1007/s11042-019-7163-x
2.	P. F. Khaleelur Rahiman, V. S. Jayanthi and A. N. Jayanthi	Design of Low Power Speech Processor-Based Cochlear Implants Using Modified FIR Filter with Variable Frequency Mapping	Journal of Circuits Systems And Computers	https://www.worldscientific.com/worldscinet/jcsc	Vol 30, No 6,2021	0218-1266	https://doi.org/10.1142/S0218126621501097
3.	Pavithra D, Dr.A N. Jayanthi	A Study on Machine Learning Algorithm In Medical Diagnosis	International Journal of Advanced Research in Computer Science	https://www.ijarcs.info/index.php/ijarcs	Vol 9, No. 4, 2018	0976-5697	http://dx.doi.org/10.26483/ijarcs.v9i4.6281
4	BaskarDuraisamy, Jayanthi Venkatraman Shanmugam & Jayanthi	Alzheimer disease detection from structural MR images using FCM based weighted probabilistic neural	Brain Imaging and Behavior	https://link.springer.com/journal/11682	Vol 13, No 1,2018	1931-7557	10.1007/s11682-018-9831-2



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	Annamalai	network					
5	Jim Mathew Philip, Dr A N Jayanthi	MANET -based efficient communication in Environmental Monitoring using Improved Satin Bowerbird Single Routing in Zone Routing Protocol	Journal of Environmental Protection and Ecology	https://scibulcom.net/en/journal/1311-5065	Vol 22, No 2,2021	1311-5065	https://scibulcom.net/en/article/A1Qah9NZsXVZObg0krYR
6	Leena.B, A.N.Jayanthi	Automatic Brain Tumor Classification via Lion Plus Dragonfly Algorithm	Journal of Digital Imaging	https://www.springer.com/journal/10278	Vol 35, No 5,2022	0897-1889	https://pubmed.ncbi.nlm.nih.gov/35711072/
7	S.Rajesh,A.N.Jayanthi	Clustered Certificateless Signcryption for Blackhole Attack Detection in Secured Wireless Sensor Networks	Tierärztliche Praxis,Schattauer, Germany	--	Vol 41, 2021	0303-6286	--
8	L.Malathi,Dr.A. Bharathi,Dr.A.N. Jayanthi	RDO-WT: Optimized Wallace Tree Multiplier Based FIR Filter for Signal Processing Applications	International Journal of Electronics	https://www.tandfonline.com/toc/tetn20/current	vol 109,No.10,2022	0020-7217	DOI: 10.1080/00207217.2021.2001853
9	J.Mala,A.N.Jayanthi	Deep multilayer perceived policy attribute Lamport certificateless signcryption for secure data access and sharing in cloud	Distributed and Parallel Databases	https://link.springer.com/journal/10619	vol 40, iss 1,2022	0926-8782	https://doi.org/10.1007/s10619-021-07336-z



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11. Ph.D Research Scholars Details:

Sl.No	Reg. No	Name	Faculty	Reg. Year	Present Status	If completed, Year of Completion	Title of Thesis	No. of Journals Published	Thesis Copy*
1.	1224469789	Ms P Geetha	ICE	2015	Completed	2020	Performance Analysis of diverse techniques to improve the confidentiality of image cryptosystems	1	--
2.	11210531028	P F KhaleelurRahiman	ICE	2015	Completed	2021	Certain Investigations On Reconfigurable architectures and algorithms for cochlear implant speech processor	1	--
3.	17244691441)	Pavithra D	ICE	2017	Completed	2021	A New-Fangled Approach For Grading Autism Using Machine Learning And Deep Learning Techniques	1	--
4.	1314469259	Baskar D	ICE	2015	Completed	2021	Certain investigations on machine learning Algorithms for early detection of alzheimer's disease	1	--
5	17154691108	Jim Mathew Philip	ICE	2017	Completed	2022	Certain Investigations on Techniques for load balancing and Optimal route selection in MANETS with Environmental monitoring	1	--
6	1624469413	Leena B	ICE	2017	Completed	2022	Deep Learning Techniques For Brain Tumor Classification Using	1	--



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							Optimization Logic		
7	1523469872	L Malathi	ICE	2015	Completed	2023	Certain Investigations on VLSI Multipliers for Filtering Techniques in Signal Processing Applications	1	--
8	16174697229	Rajesh S	ICE	2016	Completed	2023	Certain Investigations on Secure Mobilization in Wireless Sensor Networks	1	--
9	17224691107	Mala J	ICE	2017	Completed	2023	Certain methodologies on secured accessing and sharing of data through Cloud	1	--
10	1518469845	S Munaf	ICE	2017	Registration Confirmed	---	Tentatively proposed	---	--
11	22244691189	Krithika R	ICE	2022	Provisionally Registered	---	Tentatively proposed	---	--
12	23224697262	Elakkiya U	ICE	2023	Provisionally Registered	---	Tentatively proposed	---	--
13	23244697263	Thenmozhi K	ICE	2023	Provisionally Registered	---	Tentatively proposed	---	--
14	24129691147	Arunprasath R	ICE	2024	Provisionally Registered	---	Tentatively proposed	---	--