Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

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Faculty Profile

Full name with Qualification, Designation and Department: **Dr. A.N.Jayanthi ,B.E., M.E., Ph.D.,** Associate Professor, Electronics and Communication Engineering				
Date of birth	:	08.06.1977	Gender	:	Female
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	No 6A,Sri Lakshmi Garden Phase 1 Pannimadai, Coimbatore-17	Permanent address	:	No 6A,Sri Lakshmi Garden Phase 1, Pannimadai, Coimbatore-17
Mobile no	:	9976105667	e-mail (official)	:	jayanthi.ece@srit.org
Landline	:	04222605577	e-mail (personal)	:	jayanthimuthuraman@gmail.com
Date of joining	:	16.06.2003	Date of joining the present post	:	01.10.2014
No of promotions since D.O.J	:	3	Present post	:	Associate Professor
Present pay scale	:	Rs.37,400 – 67,000 + AGP Rs.9000/- + 58% DA	Gross pay	:	1,01,400.00
Employee ID	:	TE013	Bank account No. (Salary credited)	:	500101010539502
P.F. No	:	TN/CBE/56764/043	Group Insurance No	:	170100/48/13/42/00001717
PAN Number	:	AFOPJ3260J	Aadhar Number	:	416540460483
AICTE ID	:	1-469020663	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
B E	Electronics and Communication Engineering	1998	Sri Ramakrishna Engg College, Coimbatore.	Bharathiar University	Distinction
M E	VLSI Design	2008	GCT , Coimbatore	Anna University, Chennai	Distinction
Ph.D	VLSI Design	2014	Anna University, Chennai	Anna University, Chennai	Successfully completed

Registration for Ph.D. with area of interest:

Year of Ph.D. Registration: 2009   Year of Ph.D. Completed: 2014

Thesis Title: Certain Methods for the Performance Enhancements of VLSI   Adders

Supervisor Recognition Number: 2440114

Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status
1	L MALATHI (Reg No: 1523469872)	July 2015	Sri Ramakrishna Institute Of Technology Coimbatore	Completed: Viva: 24.01.2023
2	Mr S MUNAF (Reg No:1518469845)	July 2015	Sri Ramakrishna Institute Of Technology Coimbatore	Registration Confirmed
3	Ms P Geetha (Reg No : 1224469789)	July 2012	Hindusthan College of Engg and Technology, Coimbatore	Completed: Viva: 29.10.2020

4	Mr P F KhaleelurRahiman (Reg No : 11210531028)	January 2012	Hindusthan College of Engg and Technology, Coimbatore	Completed : Viva : 12.03.2021
5	Mr.Baskar D (RegNo:1314469259)	January 2013	Hindusthan College of Engg and Technology, Coimbatore	Completed : Viva: 31.12.2021
6	Ms. Leena B (Reg No:1624469413)	January 2016	KG ISL Institute of Tech Coimbatore	Completed : VV:22.03.2022
7	Mr Rajesh S (Reg No:16174697229)	July 2016	Sri Ramakrishna Institute of Technology,Coimbatore	Completed : Viva: 06.04.2023
8	Pavithra D (RegNo 17244691441)	Jan 2017	Dr.NGP Institute of Technology,Coimbatore	Completed : VV: 24.12.2021
9	Mala J (RegNo17224691107)	Jan 2017	Sri Ramakrishna Institute of Technology,Coimbatore	Completed : VV: 28.07.2023
10	Jim Mathew Philip (Reg No 17154691108)	Jan 2017	Sri Ramakrishna Institute of Technology,Coimbatore	Completed : VV: 12.01.2022
11	Krithika R (Reg.No.22244691189)	Jan 2022	United Institute of Technology,Coimbatore	Registration Confirmed
12	Elakkiya U (Reg No: 23224697262)	July 2023	Sri Ramakrishna Institute of Technology, Coimbatore	Provisionally Registered
13	Thenmozhi K (Reg No: 23244697263)	July 2023	Coimbatore Institute of Engineering and Technology, Coimbatore	Provisionally Registered

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology, Coimbatore	Associate Professor	01.10.2014	Till date	08	02	00
Sri Ramakrishna Institute of Technology, Coimbatore	Asst.Prof (Selection Grade)	01.04.2011	30.09.2014	03	06	00
Sri Ramakrishna Institute of Technology, Coimbatore	Asst.Prof (Senior Grade)	01.08.2010	31.03.2011	00	08	00
Sri Ramakrishna Institute of Technology, Coimbatore	Senior Lecturer	01.02.2008	31.07.2010	02	06	00
Sri Ramakrishna Institute of Technology, Coimbatore	Lecturer	16.06.2003	31.01.2008	04	07	15
Bannari Amman Institute of Technology,Sathyamangalam	Lecturer	13.11.1998	30.04.2003	04	05	17
			Total	24	11	02

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
NIL							
				Total			

Courses Handled

Academic Year	Semester	Course Name	Type of Course (T / L)	Pass Percentage
Even sem 2022-23	IV ECE	Linear Integrated Circuits	T	81
	VIII ECE	FYP Phase II	P	100

Odd Sem 2022-23	VII ECE B	Cryptography and Network Security	T	100
	IV ECE	Digital Electronics	T	90.38
	VII ECE A	FYP Phase I	P	100
Even sem 2021-22	VIII ECE A	Wireless Networks	T	100
	VIII ECE B	Wireless Networks	T	100
	IV ECE	Linear Integrated Circuits	T	80.32
Odd Sem 2021-22	VII ECE A	Cryptography and Network Security	T	100
	VII ECE B	Cryptography and Network Security	T	100
	VII ECE A	IDP Phase II	T	100
Even sem 2020-21	VIII ECE A	Wireless Networks	T	100
	VIII ECE B	Wireless Networks	T	100
	VIII ECE A	FYP Phase II	T	100
Odd Sem 2020-21	V SEM ECE B	VLSI Design R2017	T	100
	III SEM ECE B	Electron devices R2017	T	95
	VII ECE A	FYP Phase I	T	100
Even Sem 2019-20	VIII ECE A	Professional Ethics in Engineering	T	100
	VIII ECE B	Professional Ethics in Engineering	T	100
	II ECE B	Transmission Lines and Waveguides R2017	T	100
Odd Sem 2019-20	VII ECE A	Digital Image Processing	T	83
	VII ECE B	Digital Image Processing	T	80
	II ECE B	Electron devices R2017	T	76
Even Sem	VIII ECE A	Wireless Networks	T	92

2018-19	VIII ECE B	Wireless Networks	T	96
	II ECE B	Transmission Lines and Waveguides R2017	T	71
Odd Sem 2018-19	VII ECE B	Digital Image Processing	T	100
	V SEM ECE B	Transmission Lines and Waveguides	T	68
	I SEM M.E Commn Systems	Statistical Digital Signal processing	T	100
Odd Sem 2017-18	VII ECE A	Digital Image Processing	T	98
	VII ECE A	Digital Image Processing	T	91
	I SEM M.E Commn Systems	Statistical Digital Signal processing	T	100
Even Sem 2016-17	VI ECE A	VLSI Design	T	74
	VI ECE B	VLSI Design	T	64
	VIII ECE B	Wireless Networks	T	87
Odd Sem 2016-17	III ECE A	Digital Electronics	T	92
	III ECE B	Digital Electronics	T	82
Even Sem 2015-16	VI ECE A	VLSI Design	T	93
	VI ECE B	VLSI Design	T	83
Odd Sem 2015-16	V ECE B	TL and WG	T	78
	I M E (I sem)	ADVANCED DSP	T	100
Even Sem 2014-15	VI ECE A	VLSI Design	T	83
	VI ECE B	VLSI Design	T	73
Odd Sem 2014-15	III ECE A	Electronic Circuits 1	T	89
	III ECE A	Analog and Digital Circuits Lab	P	100
	I M E (I	ADVANCED DSP	T	100

	sem)			
Even sem 2013-14	VI ECE A	VLSI Design	T	78
	VI ECE B	VLSI Design	T	74
Odd sem 2013-14	VII ECE A	Microwave Engineering	T	88
	VII ECE B	Microwave Engineering	T	84
Even sem 2012-13	VI ECE A	VLSI Design	T	85
	VI ECE B	VLSI Design	T	84
Odd sem 2012 – 2013	III ECE A	Electronic Circuits I	T	65
	III ECE B	Electronic Circuits I	T	57
Even sem 2011-12	IV ECE A	Electronic Circuits II	T	90
	IV ECE B	LIC	T	87
Odd sem 2011 – 2012	III ECE A	Electronic Circuits I	T	89.8
	III ECE B	Electronic Circuits I	T	93
Even sem 2010-11	VI ECE A	VLSI Design	T	90.4
	VI ECE B	VLSI Design	T	89.2
	VI ECE A	VLSI Design Lab	P	98.4
Odd sem 2010 – 2011	VII ECE A	Microwave Engineering	T	89.6
	VII ECE B	Microwave Engineering	T	90
Even sem 2009 – 2010	VI ECE A	VLSI Design	T	94
	VI ECE B	VLSI Design	T	89.23
Odd sem 2009 – 2010	VII ECE A	VLSI Design	T	87.5
	VII ECE B	VLSI Design	T	90.4
Even sem 2008 – 2009	VI ECE B	Communication System Lab	P	100
	IV ECE B	Measurement and Instrumentation	T	92.3
	IV ECE B	Measurement and Instrumentation Laboratory	P	92.3
Odd sem	VII – ECE	VLSI Design	T	80.6

2008 – 2009	A			
	VII – ECE B	VLSI Design	T	88
	VII – ECE A	VLSI Laboratory	P	100
Even sem 2007-2008	IV ECE A	Signals and Systems	T	74
	IV ECE A	Digital Electronics Lab	P	100
Odd sem 2007 – 2008	V ECE	DSP	T	64
	V ECE	DSP Laboratory	P	100
Even sem 2006 - 2007	IV - ECE	Signals and systems	T	79
Odd sem 2006 - 2007	VII - ECE	Microwave Engineering	T	91
Even sem 2005 - 2006	IV - ECE	Signals and Systems	T	60
Odd sem 2005 - 2006	VII - ECE	Microwave Engineering	T	86.36
	V - ECE	Microprocessor and Control Laboratory	P	96.83
Even sem 2004 - 2005	VI – ECE	Industrial Electronics	T	91
	IV - ECE	Linear Integrated Circuits and Applications	T	71.42
Odd sem 2004 - 2005	V - ECE	DSP	T	74.2
	V - CSE	DSP	T	61
	V - ECE	Digital System Design and Signal Processing Lab	P	100
Even Sem 2003-2004	IV EEE	Electronic Circuits	T	65
	IV ECE	Linear Integrated Circuits and Applications	T	67
Odd Sem	III ECE	Signals and Systems	T	62

2003-2004	III EEE	Electromagnetic Field Theory	T	60

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-23	VII	Backup Collision Avoidance system in Vehicles	UG
	VIII	Solar Panel Cleaning Robot	
	VII	Air Quality monitoring System using IOT	
2021-22	VIII	1.Footsteps power generation for street light 2.Home Automation For Disabled Person Using Voice Tag	UG
	IV	1. Adaptive drowsiness detection using machine Learning algorithm	PG
2020-21	VIII	1.Automatic Washroom Light Switch 2.Automatic Room Light Controller using Arduino and PIR sensor 3.An Area Efficient Carry Select Adder 4.Social Distancing Indicator with Alarm System 5.Automatic Coin Sorting and Counting machine 6.Automatic Number Plate Recognition System	UG
2019-2020	VIII	1.Fault Detection In Transmission Line Distribution System 2.Virtual Eye For The Blind	UG
2018-2019	VIII	1.Wearable Child Safety Device 2.Fruit Quality Inspection System Using Image Processing	UG
2015-2016	VIII	Determination and Classification of Blood Types using HAAR-WAVELET Transforms	UG
2014-2015	VIII	1.Galvanic Skin Response Measurement And Analysis 2.Low Power ECRL Logic Based Parallel Self-Timed Adder	
2014-15	IV	1. Redundancy in Tunneling between different networks	PG

2013 – 2014	VIII	1.Majority gate based Binary Adder	UG
		2.128 bit Carry save adder	
2012 – 2013	VIII	1.128 bit Carry Select Adder	UG
		2.Minimum Area Carry Select Adder	
2011 – 2012	VIII	1.High Performance VLSI Adders	UG
		2.Carry LookAhead Adder using Quad Carry algorithm	
		3.Variable Latency Adder	
2010 – 2011	VIII	1.Error Tolerant Adder	UG
		2.LDPC Decoder circuit	
2009 – 2010	VIII	1.Reduced delay BCD Adder	UG
		2.Low power CMOS full adder using Bridge style design	
2008 – 2009	VIII	1.FPGA Implementation of an 8 bit processor	UG
		2.A Fast hardware approach for Log and Antilog Computations	
2007– 2008	VIII	Carry save adder using Hybrid CMOS Design Style	UG
2006 – 2007	VIII	Optimization techniques for FPGA – Based Wave-pipelined DSP Blocks	UG
2005 – 2006	VIII	Selective Interference Cancellation in OFDM systems using frequency spread coding	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	33	32
Conferences		

Journal Publications (IEEE format)

1 Divya Vidya K, Abirami S, Jaganayaki S, Dr. Jayanthi A N,Solar Panel Cleaning Robot, International Journal of Scientific Research in Engineering and Management (IJSREM),Volume: 07 Issue: 03 ,March – 2023, ISSN: 2582-3930.

2 S.Kalpana,Dr.A.N.Jayanthi,Dr.L.Malathi," Vehicle To Vehicle Communication Using Cognitive Radio Technique" ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, Vol 10, ISSUE-5, 2023,pp 51-57.

3   B. Leena ,A. N. Jayanthi," Hybrid Feature Extraction with Ensemble Classifier for Brain Tumor Classification", doi.org/10.1142/S0218001422500318,Vol 36,No 10,2022, July 2022International Journal of Pattern Recognition and Artificial Intelligence, World Scientific.

4   Leena.B,.A.N.Jayanthi ,"Automatic Brain Tumor Classification via Lion Plus Dragonfly Algorithm", Journal of Digital Imaging", Springer, June 2022,DOI: 1078-022-00635-6.1007/s102,vol 35, Issue 5, Pp 1382–1408

5   .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", Taylor & Francis Ltd, vol 109,No.10 ,DOI: 10.1080/00207217.2021.2001853 Print ISSN: 0020-7217 Online ISSN: 1362-3060,2022, pp 1759–1780.

6   P K Ghibitha Bebin , Dr A N Jayanthi, " Adaptive Drowsiness Detection Using Machine Learning Algorithm" International Journal of Research and Analytical Reviews (IJRAR)",vol 9, No 2, pp 232-237, E-ISSN 2348-1269, P- ISSN 2349-5138, April 2022.

7   Dr A N Jayanthi, S.Sabitha, M.Vishali, S.Vishnu Priya," Home Automation For Disabled Person Using Voice Tag," International Journal of Research and Analytical Reviews (IJRAR)",vol 9, No 2, pp 122-125, E-ISSN 2348-1269, P- ISSN 2349-5138, April 2022.

8   J.Mala,A.N.Jayanthi , "Deep multilayer percepted policy attribute Lamport certificateless signcryption for secure data access and sharing in cloud" , Distributed and Parallel Databases,vol 40, iss 1,https://doi.org/10.1007/s10619-021-07336-z,pp 67-84, Impact factor: 0.757,March 2022.

9   D.Pavithra, A.N.Jayanthi,"An Enhanced Deep Recurrent Neural Network for Autism Spectrum Disorder Diagnosis","Journal of Medical Imaging and Health Informatics ,Vol 11, No.12, 3028–3037,2021,American Scientific Publishers.

10   Dr. Kavitha N S,Jim Mathew Philip, Dr. A N Jayanthi," Improved Sustainable Path Allocation Using Historical Backup For Node Interconnectivity Algorithm In MANET", Turkish Online Journal of Qualitative Inquiry (TOJQI),Volume 12, Issue 8, pp 3205-3221, July 2021.

11   D.Pavithra, A.N.Jayanthi , "An improved adaptive neuro fuzzy interference system for the detection of autism spectrum disorder", Journal of Ambient Intelligence and Humanized Computing,Springer, 12, 6885–6897 (2021). Scopus and Web of Science, https://doi.org/10.1007/s12652-020-02332-0, July 2021

12   Jim Mathew Philip, Dr. A N Jayanthi ,"A Scalable Time Distributed Mobility Selection Scheme for Reactive Zone based routing protocol on Mobile Adhoc Network", Turkish Online Journal of Qualitative Inquiry (TOJQI) , Volume 12, Issue 3, pp: 4540 – 4552, Scopus Indexed, eISSN: 1309-6591,June 2021.

13   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 Vol 22, No 2, pp:790–800 ,ISSN:1311-5065,June (2021).Impact Factor(2019): 0.692,Thomas Reuters,(SCI and Web of Science),Scopus Indexed.

14   Leena.B, Dr.A.N.Jayanthi. ,"Brain Tumor Segmentation and Classification- A Review",. Annals of the Romanian Society for Cell Biology, ISSN: 1583-6258, Vol. 25, Issue 4, pp-11559–11570,2021, Scopus Indexed.

15   Dr A N Jayanthi,M. B Bibisha, R. Ragavi, I. Shomana, "Automatic Coin Sorting And Counting System",International Research Journal of Engineering and Technology (IRJET), vol 8,iss 3,pp 1-5,e-ISSN: 2395-0056, p-ISSN: 2395-0072,March 2021.

16   Darshana R Menon, Keerthika P , Nancy Madonna G , Nandhini S , Dr A N Jayanthi, "Automatic Number Plate Recognition System Using Raspberry PI And Python" , International Research Journal of Modernization in Engineering Technology and Science,vol 3, iss 3,pp 291-297, ISSN: 2582-5208,March 2021.

17   S.Rajesh,A.N.Jayanthi,"Clustered Certificateless Signcryption for Blackhole Attack Detection in Secured Wireless Sensor Networks", Tierärztliche Praxis,Schattauer, Germany ,Vol 41, 2021,pp 253-279,ISSN: 0303-6286.pp 253-279,Scopus

18   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,ISSN (print): 0218-1266 | ISSN (online): 1793-6454,https://doi.org/10.1142/S0218126621501097,Vol 30,No 6,May 2021,Web of Science, Impact factor: 1.363 (2019).

19   J.Mala,Dr.A.N.Jayanthi ,S.Rajesh," A Security Enhancement Using CiphertextPolicy Attribute Based Encryption For Data Sharing",International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 8, Issue 11, November-2020, Impact Factor: 7.429.

20   A N Jayanthi, L. Malathi, S. Munaf and A. Bharathi," Wearable Child safety System", IOP Conf. Series: Materials Science and Engineering 932 (2020) 012088, doi:10.1088/1757-899X/932/1/012088, 1st International Conference on Science, Engineering and Technology (ICSET) 2020,Scopus.

21   Bojaraj Leena, Annamalai Jayanthi ,"Brain tumor segmentation and classification via adaptive CLFAHE with hybrid classification", International Journal of Imaging Systems and Technology, Vol 30,iss 4,pp 874-898,December 2020, 2020,Wiley Online Library, DOI: 10.1002/ima.22420,Web of Science,Impact factor; 1.925.

22   S.Munaf, A.Bharathi,A.N.Jayanthi ,"A Review on Performance Optimization Techniques in Coarse-grained Reconfigurable Architecture for Multimedia applications", International Research Journal of Engineering and Technology(IRJET), ISSN (Print): 2395-0072, (Online): 2395-0056,Volume-7, Issue-11, November 2020.

23   J.Mala,A.N.Jayanthi ,Rajesh S, "A systematic approach to Secure Accessing of data Using CP-ABE And Multifactor Authentication In Cloud" , International Journal of Current Engineering And Scientific Research (IJCESR), ISSN (Print): 2393-8374, (Online): 2394-0697 ,Volume-7, Issue-9, September 2020.

24   L.Malathi,A.Bharathi,A.N.Jayanthi," FPGA Implementation in Robust FFT Architecture for Signal Processing Applications", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-8, pp 325-330,SCOPUS,June 2020.

25   Rajesh S, A.N.Jayanthi ,"Black hole Attack Eradication by Scheduled Base station using Leach protocol" ,"International Journal for Scientific Research and Development (IJSRD) , e-ISSN: 2321-0613, Volume 8, Issue 4,pp 305-307,June 2020.

26   Pavithra D., Jayanthi A.N., Nidhya R. (2020) Comparison of Machine Learning Methods for Effective Autism Diagnosis. In: Reddy V., Prasad V., Wang J., Reddy K. (eds) Soft Computing and Signal Processing. ICSCSP 2019.Advances in Intelligent Systems and Computing, vol 1118. Pp-629-637 Springer, Singapore,DOI: 10.1007/978-981-15-2475-2_58,Online ISBN978-981-15-2475-2,Print ISBN 978-981-15-2474-5.

27   Dr.A.N.Jayanthi ,M.Karthigeyan , C.Jotheeswaran , M.Logeshkumar,"Virtual Eye for the Blind - A Smart Guiding Device for the Blind",International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET),e-ISSN: 2319-8753, p-ISSN:

2320-6710,Volume 9, Issue 5, pp 3225-3232,May 2020.

28   Dr. A.N Jayanthi ,P.RiniEmaculate , V.Shanmugapriya , V.Sarmila,"Fault Detection in Transmission Line Distribution System",International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET),e-ISSN: 2319-8753, p-ISSN: 2320-6710,Volume 9, Issue 5, pp 2930-2935,May 2020.

29   S.Munaf, Dr.A.Bharathi, Dr.A.N.Jayanthi,"An Enhanced Low Power Dual Data Injection Technique for Coarse - Grained Reconfigurable Architecture"International Journal of Innovative Technology and Exploring Engineering (IJITEE),SCOPUS ISSN: 2278-3075, Volume-9 Issue-2, pp 4421 – 4424,December 2019.

30   L.Malathi,Dr.A.Bharathi,Dr.A.N.Jayanthi,"FPGA Implementation of Area Efficient CMOS Multiplier using Fast Kogge Stone Look Ahead Logarithmic Adder", International Journal of Recent Technology and Engineering (IJRTE),ISSN: 2277-3878, Volume-8 Issue-4, pp 8445-8449,SCOPUS,November 2019.

31   S. Rajesh, P. Parameswari, Dr. A. N. Jayanthi,"Black Hole Attack Minimization using Leach Protocol,"International Journal for Scientific Research & Development IJSRD , | Vol. 7, Issue 09, 2019 | ISSN (online): 2321-0613.

32   J.Mala, Dr.A.N.Jayanthi,S.Rajesh,"A Survey on Secure Data Accessing and Sharing Using Cryptographic Algorithms in Cloud Computing Environment",International Journal of Scientific Research and Engineering Development, Vol 2, Issue 3, May 2019,ISSN : 2581-7175.

33   B.Leena , Dr.A.N.Jayanthi ,"Certain investigations on change detection in SAR images based on NSCT and spatial fuzzy clustering approach" ,International journal for science and advance research in technology ,Vol 5,No 5, May 2019,ISSN(O) :2395-1052.

34   S.Munaf,Dr.A.Bharathi,Dr.A.N.Jayanthi,"Performance Improvement Technique In Divide-By-2/3 Counter Using Static Flipflop",International Journal Of Advance Research And Innovative Ideas In Education(IJARIIE),Vol 5,No 3, ISSN(O) : 2395-4396.

35   L.Malathi,Dr.A.Bharathi,Dr.A.N.Jayanthi,"Review on Fast Complex Multiplication Algorithms And Implementation",International Journal of Current Engineering And Scientific Research (IJCESR),Vol 6, No 5,pp 22-27,May 2019, DOI:10.21276/ijcesr, ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697.

36   Dr. A.N. Jayanthi, C. Nareshkumar, S. Rajesh, S. Sathish Kumar, K.Vazhagurunathan, "Fruit Quality Inspection System Using Image Processing", Iconic Research And Engineering Journals,Vol 2, No 10,pp 260-263,ISSN 2456-8880,April 2019.

37   S.Rajesh,Dr.A.N.Jayanthi,J.Mala,"Certain investigations on Hierarchical routing leach Protocol",International Journal of Advance Research and Innovative Ideas in Education(IJARIEE),Volume-5,2019,ISSN(O)-2395-4396,DUI: 16.0415/IJARIIE-10238.

38   Jim Mathew Philip, A.N.Jayanthi, N.S.Kavitha,"Survey of Channel Allocation Techniques in Mobile Cellular Networks", International Journal Of Current Engineering and Scientific Research (IJCESR), Volume-6, Issue-2, 2019.

39   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://doi.org/10.1007/s11042-019-7163-x, Print ISSN 1380-7501,Online ISSN 1573-7721,Springer,(Anna University Website: 8164),Impact factor: 1.541, SJR (2016) :0.396,SNIP(2016):0.775,Vol 78 , No 13,pp 18503–18530,July 2019.

40   S.Rajesh, Dr. A.N.Jayanthi, S.HebzibaJeba Rani, R.Priyadharshini ,"Dynamism Proficient Routing Protocol to Elude Suspension in Wireless Sensor Network-A

Survey",International Journal of Research in Electronics And Computer Engineering(IJRECE),Volume 6, No. 3, July – September 2018,pp 429-432, ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).

41 Pavithra D, Dr.A N. Jayanthi, "A Study on Machine Learning Algorithm In Medical Diagnosis",International Journal of Advanced Research in Computer Science,Volume 9, No. 4, July – August 2018,pp 42-46, DOI: http://dx.doi.org/10.26483/ijarcs.v9i4.6281, ISSN No. 0976-5697.

42 Geetha.P, Jayanthi V S, Jayanthi.AN,"Optimal Visual Cryptographic Scheme with multiple share creation for Multimedia Applications",Computers&Security,Elsevier (Anna University Website: 2475),ISSN 0167-4048 ,ISSN 1872-6208,DOI 10.1016/j.cose.2018.07.009, Vol 78, September 2018,pp 301-320,Impact factor: 3.579,SNIP 2.158,SJR:0.684.

43 Baskar.D,Jayanthi V S, Jayanthi A N,"An efficient classification approach for detection of Alzheimer's disease from biomedical imaging modalities", "Multimedia Tools and Applications,An International Journal, ISSN 1380-7501, DOI 10.1007/s11042-018-6287-8, vol 78 , No 10. pp- 12883-12915, June2018.(Anna University Website: 8164),Impact factor: 1.541, SJR (2016) :0.396,SNIP(2016):0.775.

44 BaskarDuraisamy, Jayanthi Venkatraman Shanmugam &Jayanthi Annamalai, "Alzheimer disease detection from structural MR images using FCM based weighted probabilistic neural network ",Brain Imaging and Behavior,ISSN 1931-7557, DOI 10.1007/s11682-018-9831-2,Vol 13,No 1 , pp 87-110,February 2018.IF: 3.391,PubMED and ISI indexed(Now Thomson Reuters Web of Knowledge), SJR (2016) :1.524,SNIP(2016):0.886.

45 B.Leena , Dr.A.N.Jayanthi," Detecting interesting events in crowd sequence usingSwarm Intelligence" , International Journal for Research and Development inTechnology ,2018 March , Vol 9 Issue 3 ,pp 9-11,ISSN 2349-3585.

46 L.Malathi,S.Munaf,Dr.A.Bharathi,Dr.A.N.Jayanthi,"FPGA Implementation of Compressing Techniques in VLSI Multipliers for FFT Architectures",International Journal of Current Engineering and Scientific Research(IJCESR),Vol 4,Iss: 11,68-72,NOV 2017.

47 S.Munaf, M.E., L. Malathi, M.E., Dr.A.Bharahi, Dr. A.N.Jayanthi,"Review on PowerDissipation Analysis of Conventional SRAM Cell Architecture", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 6, Issue 11, pp 68-72,November 2017, ISSN: 2278 – 1323.

48 Rajesh ,A.N.Jayanthi , Mala ,"Comparison of TDMA based Routing Protocols for Wireless Sensor Networks- A Survey " International Journal of Innovations and Advancements in Computer Science(IJIACS) and 7th International Conference onResearch trends in Engineering,Applied science and Management(ICRTESM-2017)" at Mahratta Chamber of Commerce Industries and Agriculture (MCCIA),SenapatiBapatRoad,Pune,Maharashtra (India) ,Vol 6,Issue 8,August 2017.ISSN 2347-8616.

49 P. Radhika and Dr. A. N. Jayanth,"Quickest and Efficient Spectrum Sensing in Cognitive Radio Networks",Advances in Natural and Applied Sciences,2017 June 11(8): pages 567-575.

50 L.Malathi,Dr.A.Bharathi,Dr. A.N. Jayanthi , Mr. S. Munaf ,"Design of Fast Integer Pipelined Multipliers for CMOS 64-bit Synchronous and Asynchronous Logic with Adaptable Latency,"International Journal on Recent and Innovation Trends in Computing and Communication,Volume: 5 Issue: 1,pp:99-102,January 2017.

51 Mr. S. Munaf , Dr. A.N. Jayanthi , Ms. L. Malathi 2017 ,"Automatic RF Alert system to Avoid Vehicle Accident and Rescue using Wireless Control Techniques", International

Advanced Research Journal in Science, Engineering and Technology",Vol. 4, Issue 1, http://iarjset.com/wp-ntent/uploads/2017/01/IARJSET-9 pdf pp: 38-41,January 2017,DOI 10.17148/IARJSET.2017.4109,UGC approved ,ISSN 2393-8021.

52 S.Munaf ,Dr.A.Bharathi,Dr A N Jayanthi 2016,"Double pumping low power technique for coarse grained reconfigurable architecture " , 'International Journal   of Electrical and Electronics research',vol 4 ,Issue 1,March 2016.

53 M Nithya,Dr A N Jayanthi,N Sunil Prasad 2015,'Redundancy in Tunneling between different networks ',' International Journal of Digital Communication Networks (IJDCN) vol. 2, no. 4,April 2015.

54 A N Jayanthi ,D.Prabhu, B.Sibiram 2015,'Low power ECRL logic based parallel self-timed adder 'International Journal of Applied Engineering Research, vol. 10,   no. 6, pp.12494-12501,ISSN 0973-4562, Research India Publications.

55 Jayanthi, AN, R Nivedha,CVani 2015,' GALVANIC SKIN RESPONSEMEASUREMENT AND ANALYSIS', International Journal of Applied Engineering Research, vol. 10, no. 16, pp.12447-12452, ISSN 0973-4562,Research India Publications.

56 Jayanthi, AN &Ravichandran, CS 2013, 'Comparison of Performance of High Speed VLSI Adders',IEEEXplore, July 3rd, International Conference on Current   Trends in Engineering and Technology, ICCTET'13.

57 Jayanthi, AN &Ravichandran, CS 2013, 'Minimization of Area in Carry Select Adder', CiiT international Journal of DSP, Issue; DOI: DSP062013005.

58 Jayanthi, AN &Ravichandran, CS 2012, 'Comparison of High Speed VLSI Adders', in Archives Des Sciences, vol. 65, no. 11, pp.280-288, ISSN 1661-464X.

59 Jayanthi, AN &Ravichandran, CS 2011, 'An Energy Efficient Layered Decoding Architecture for LDPC Decoder', CiiT International Journal, DOI: DSP062011013, vol. 3, no.5, pp.250-254.

60 Jayanthi, AN &Ravichandran, CS 2011, 'Variable Input Delay CMOS Logic for D Latch Circuit', International Journal of Emerging Technologies in Science and Engineering, vol. 4, no. 2, pp.68– 72, ISSN 1923-9181,2011.

61 Jayanthi AN &Ravichandran, CS 2011, 'Design of a High Speed BCD Adder', European Journal of Scientific Research, vol.60, no.3, pp.422-427, ISSN 1450-216X, Impact factor 0.713.

62 Jayanthi, AN &Ravichandran, CS, 'Performance Comparison of High Speed VLSI Adders', Journal of Engg and Applied Science, ISSN 11101903,Vol 60,No1,Feb 2013,pp 65-79.

63 Jayanthi, AN &Ravichandran, CS 2013, 'Delay Optimisation In High-Performance Carry-Select Adders', Australian Journal of Basics and Applied Sciences, vol.7, no.9, pp.206-210.

64 Jayanthi, AN &Ravichandran, CS 2012, 'Design of an Error Tolerant Adder', American Journal of Applied Sciences, vol.9, no.6, pp. 818-824, Impact factor 1.4.

65 Jayanthi, AN &Ravichandran, CS, 'Performance optimization of Carry Select Adders using Variable Latency design style', Journal of Scientific and Industrial research ,Impact factor: 0.505,Vol 73,May 2014,pp 290-293.

Conference Publications (IEEE format)

1   L. Malathi, A. Bharathi, A.N. Jayanthi, C Narmatha," "FPGA Implementation of Adaptive NMLS Algorithm: Timbre Based Filtering from Multiple Harmonics using FIR filters", in the 2022 2nd International Conference on Computing & Information Technology (ICCIT) which was organized by the Faculty of Computers and Information Technology (FCIT), University

of Tabuk, Tabuk, KSA,on 25th – 27th, January 2022.

2   Ms. Sabitha. S, Ms. Vishali. M, Ms. Vishnu Priya. S & Dr. A. N. Jayanthi, 'Footstep Force as Power Generation Source for Street Light – A Methodical Approach' in the International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCRESMA 2022) created & powered by Centre for Research and Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India on 27-29 January 2022.

3   Mala,A.N.Jayanthi ,Rajesh S," A Security Enhancement Using Cipher text Policy Attribute Based Encryption For Data Sharing" , AICTE Sponsored International E-Conference on Global Summit on Engineering and Technology(GSET 2020),organized by Department of Electronics & Communication Engineering, Sri Ramakrishna Institute of Technology, Coimbatore during 5-6 Nov 2020.

4   Rajesh S, Dr.A.N.Jayanthi , "Improving performance of Adhoc on demand Vector Routing using Ant colony algorithm",International Conference held on 16th and 17th October 2020 organized byDepartment of Electronics & Telecommunication Engineering, JNNCE,Shivamogga.

5   B.Leena,Dr.A.N.Jayanthi ,"International Conference on Contemporary Researches in Engineering, Science, Management and Arts (ICCRESMA) under the title "Change detection in SAR Images Segmentation based on NSCT and Spatial Fuzzy Clustering Approach" between 28-29 February 2020,ISBN: 978-93-89515-06-0 DOI: 10.9756/BP2020.1002/02 .This event was powered by NFED(National Foundation for Entrepreneurship Development, Coimbatore, Tamilnadu in Association with Apollo Medskills Limited(AMSL),Hyderabad,Telangana,India.

6   A.N.Jayanthi ,L.Malathi,S.Munaf,A.Bharathi "1ˢᵗ International Conference of Science, Engineering and Technology 2020(ICSET 2020) under the title of "Wearable Child Safety System" on 27ᵗʰ February 2020 held at The Rainbow Paradise Hotel, Penang, Malaysia organized by Faculty of Engineering Technology,University Malaysia Perlis.(Through Skype at 9.00AM).

7   Pavithra D, Jayanthi A N, Nidhya R,International Conference on Soft Computing and Signal Processing,(ICSCSP 2019) under the title of "Comparison of Machine Learning Methods for Effective Autism Diagnosis" page 86 at Malla Reddy College Of Engineering & Technology (UGC Autonomous),Maisammaguda, Dhulapally, Secunderabad.

8   A.N.Jayanthi, National Conference On Communication,Computation,Control And Automation (CCCA 2019)" under the title of "Fruit Quality Inspection System using Image Processing" at Sri Ramakrishna Institute Of Technology",Coimbatore on 20th, March 2019.

9   A.N.Jayanthi,National Conference On Communication,Computation,Control And Automation (CCCA 2019)" under the title of "Wearable Child Safety Device" at Sri Ramakrishna Institute Of Technology",Coimbatoreon 20th, March 2009.

10   S.Rajesh, Dr. A.N.Jayanthi, S.HebzibaJeba Rani, R.Priyadharshini ,"Dynamism Proficient Routing Protocol to Elude Suspension in Wireless Sensor Network-A Survey",Conference Proceeding of International Conference on Engineering Technology, Science and Management Innovation (ICETSMI-2018),Mahratta Chamber Of Commerce Industries &

Agriculture, SenapatiBapat Road, Pune, Maharashtra, India on 22nd July 2018, pp 122-125,ISBN: 978-93-87433-30-4.

11   A.N.Jayanthi, "Comparison of TDMA based Routing Protocols for Wireless Sensor Networks- A Survey" by Rajesh,AN.Jayanthi,Mala in 7th International Conference on Research trends in Engineering,Applied science and Management(ICRTESM-2017)" at Mahratta Chamber of Commerce Industries and Agriculture MCCIA),SenapatiBapatRoad,Pune,Maharashtra (India).

12   P.Radhika,Dr.AN.Jayanthi ," Performance of Digital Communication Systems Using MIMO "National Conference on Advances in Computing Technologies NCACT'17 by Department of IT and MCA , Hindusthan Institute Of Technology,Coimbatore-32 on 23.02.2017 and 24.02.2017.

13   Dr.Jayanthi A N, Nathiya.P,Sharmila.L,Varshida R S,Varunapriya G Type of Blood using Image Determination and Classification Processing Techniques" National Conference on Communication ,Networking,Technology Interventions in Human Resource Development(NCCNTH'17) by Department of ECE,Jansons Institute Of Technology,Coimbatore on 03.03.2017.

14   A N Jayanthi,Rajkumar , Rajsegar ," DESIGN OF PARALLEL SELF TIMED ADDER", National Conference on 27th March 2015

15   A N Jayanthi, D Prabhu, B Sibiram. of National Conference on Recent Advances in Computing, Communication and Electrical Systems RACCES'15 on 18th March 2015 titled "LOW POWER ECRL LOGIC BASED PARALLEL SELF TIMED ADDER

16   A N Jayanthi,R Nivedha,C.Vani ,National Conference on Recent Advances in Computing, Communication and Electrical Systems RACCES'15 on 18th March 2015 titled "GALVANIC SKIN RESPONSE MEASUREMENT AND ANALYSIS"

17   A N Jayanthi, National Conference On Science, Research And Information Technology Ncsrit'15"Atsri Ramakrishna Institute Of Technology", Coimbatore On 14.3.2015 Titled "Galvanic Skin Response Measurement And Analysis"

18   A N Jayanthi ,International Conference On Current Trends In Engineering And Technology 2013 " At Akshaya College Of Engg And Tech, Coimbatore Under The Title Of "Comparison Of Performance Of High Speed Vlsi Adders " On 3.7.2013 .

19   A N Jayanthi ,Second National Conference On Expanding Horizon In Computer,It , Telecommunication , Electrical And Electronics , EXCITE'13 at Prathyusha Institute of Technology and Management (PITAM) , Chennai on 2.4.2013 and 3.4.2013 on Minimization of area in Carry Select Adder".

20   A N Jayanthi ,Second National Conference On Emerging Trends In Electronics ,Instrumentation, Automation And Control Eteiac'13 at Karpagam College of Engineering , Coimbatore on 15.3.2013 on "Delay minimization in 128 bit Carry Select Adders".

21   A N Jayanthi ,International Conference On Electrical ,Electronics And Communication Networks -2013" at Adhithya Institute Of Technology, Coimbatore on 22.2.2013 and 23.2.2013 on "Delay and Area Optimisation in Carry Select Adders".

22	A N Jayanthi ,International Conference On Emerging Trends In Communication " at Maria College of Engg and Tech, Attoor under the title of "11 ns 32 bit Carry Look ahead Adder using Quad tree Algorithm " on 8.3.2012 and 9.3.2012.
23	A N Jayanthi, International Conference On Resourse Utilisation And Intelligent Systems" under the title of "BER Performances of OFDM System using Subcarrier Exclusion Techniques" on 4.1.2006,5.1.2006,6.1.2006
24	A N Jayanthi ,Two Day National Conference On Emerging Trends In Computer Communication And Informatics (Etcci-2011)," Under The Title Of " An Energy Efficient Layered Decoding Architecture For Ldpc Decoder " At Tamilnadu College Of Engineering",Coimbatore During March 10-11, 2011.
25	A N Jayanthi ,National Conference On Communication,Computation,Control And Automation " Under The Title Of "Design Of Wavepipelined Multipliers" at SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY",Coimbatore during 25 and 26 , April 2008
26	A N Jayanthi, Third National Conference On Signals, Systems And Security" Under The Title Of "Design Of Energy Efficient Full Adder Using Hybrid Cmos" at Bannari Amman Institute Of Technology",Sathy during 28 and 29 ,February 2008.

Books / Book Chapters (IEEE format)

1	Published a Chapter titled "Autism Screening tools with machine learning and Deep learning methods : A Review " in a : Tele-Healthcare : Applications of Artificial Intelligence and Soft computing Techniques ,Chapter 10 , Published by Wiley Online Library, Doi: https://doi.org/10.1002/9781119841937.ch10 , **July 2022.**
2	Published a chapter titled "Footstep Power Generation for Street Light" pp 47-59 in a book titled "HOLISTIC RESEARCH PERSPECTIVE",vol 7, Published by CRT-NFED Publications, ,ISBN Number: 978-81-954933-2-6 **March 2022.**
3	Analog and Digital Circuits Manual, Notion Press, June 2021.Title: Analog and Digital Circuits Laboratory Manual,Product ID: 89738-1350945-NA-NED-T0-HARI-REG-IND-DIY-110621-0,ISBN: 9781639573677
4	Published a chapter titled "Performance Improvements in VLSI Adders" pp 76-87 in a book titled "HOLISTIC RESEARCH PERSPECTIVE",vol 4, Chapter 7, Published by BONFRING,ISBN Number: 978-93-87862-82-I,**August 2019**.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
NIL			

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
NIl				

Workshops / Seminars attended

1. Two day National Level Workshop on "Revised NAAC Accreditation Process- Acing Quantitative and Qualitative Metrics" conducted by Internal Quality Assurance Cell of Kumaraguru College of Technology on 12th and 13th October 2022

2. Innovation Ambassador Training "Foundation Level"(Total 15 sessions of 30 contact hours) conducted in online mode by MoE's innovation Cell and AICTE during the IIC Calendar year 2021-22, bearing E-certificate No: IA/Foundation/1013310, IIC ID: IC201912089.

3. One day Training Programme (Seminar) on Sexual Awareness of women at Workplace, Vyshnav Building, Coimbatore Productivity Council, Coimbatore on 27.06.2019.

4. One Day Python workshop for Teachers, organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) at E-Learning Centre on 22.06.2019, Sri Ramakrishna Institute of technology, Coimbatore.

5. One day National Level Seminar on "Research Issues and Challenges in MIMO-OFDM for Wireless Communication" , conducted by the Department of ECE , Bannari Amman Institute Of Technology,Sathyamangalam-638 401 on 09.06.2018.

6. One day National Seminar on Environment, Health and Natural Sciences (NSEHNS-2018) on 24.02.2018 conducted by Department of Chemistry,Sri Ramakrishna Institute of Technology,Coimbatore-10.

7. One day National Level Seminar on " Role of Mathematics in Engineering and Technology" on 09.09.2017 conducted by Departmernt of Mathematics and Humanities , Sri Ramakrishna Institute of Technology,Coimbatore-10.

8. ISTE Sponsored International Seminar on Deep Learning versus Conventional Neural Networks in Image Processing on 5th Jan 2017 at SNS College of Technology by Department of ECE.

9. Two days Hands-On "TI MSP430 Embedded System Workshop" conducted jointly by Texas Instruments,Bangalore and STEPS Knowledge Services Pvt.Ltd., Coimbatore – 16 held on 21.11.2016 to 22.11.2016 at Sri Ramakrishna Institute of Technology,Coimbatore-10.

10. Embedded Systems Laboratory Demo on June 2016 at ESD Lab

11. One week ISTE STTP for coordinators on "CMOS, Mixed Signal and Radio Frequency VLSI Design" from September 19,2016to September 23,2016 at IIT Kharagpurheld under National Mission on Education through ICT(MHRD).

12. International workshop on Outcome based Education 17.09.2016 – Malaysian Professors

13. Two week ISTE workshop on Control Systems conducted by IIT,Kharagpur under the National Mission on Education through ICT (MHRD,Government Of India) during 2 nd to 12 th December 2014 at RC 1249,Sri Ramakrishna Institute Of Technology,Cbe-10.

14. Two days workshop on "Strategies for effective Teaching on 10.06.2005 to 11.06.2005 at SRIT.

15. One day workshop on MathCAD on 23.1.2010 conducted by Department of EEE ,SSK College of engineering and Technology in Association with Paradigm Technologies.

16. Two week ISTE workshop on " Signals and Systems " conducted by IIT Kharagpur from 2nd to 12th January 2014, held under National Mission on Education through ICT, MHRD, Government of India.

17. National workshop on "Advanced Trends in Communication Techniques" on 8.10.13 at Sri Ramakrishna Institute Of Technology, Coimbatore.

18. Two days workshop on "Graphical System Design using LABVIEW " organized by Department of ECE,EEE and Mechanical in Association with NI, Bengaluru on 19.2.2013 and 20.2.2013 at Sri Ramakrishna Institute Of Technology, Coimbatore.

19. Two week ISTE workshop on " Analog Electronics" conducted by IIT Kharagpur from 4th to 14th June 2013, held under National Mission on Education through ICT, MHRD, Government of India.

20. Two day Workshop on "Aakash For Education" conducted by IIT Bombay on 10rd& 11th November 2012.

21. Two days ISTE workshop on "Research Methods in Educational Technology" Conducted by IIT Bombay on 2nd and 9th February 2013.

22. One day workshop on "Digital Image Processing and its Applications" on 18.3.2013 at Sri Ramakrishna Institute Of Technology, Coimbatore.

23. Two days National Seminar on "Research Issues in Wireless Communication" on 27.3.2013and 28.3.2013 at Sri Ramakrishna Engineering College, Coimbatore.

24. Attended a PHP and MySQL Workshop offered by Spoken Tutorial Project , IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India.

25. Attended a PYTHON Workshop offered by Spoken Tutorial Project , IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India.

26. Attended a LINUX Workshop offered by Spoken Tutorial Project , IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India.

27. Attended a LATEX Workshop offered by Spoken Tutorial Project , IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India.

28. Two day Workshop on "Aakash For Education" conducted by IIT Bombay on 3rd&4th November 2012.

29. One day workshop on "LATEX-A Tool for Research Articles " conducted by the Department of Computer Applications , SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10 on 12.8.2011.

30. One day International Workshop on NanoElectronics conducted by the department of ECE, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY, Coimbatore-10 on 30.12.2011.

31. Two day Ministry Of Earth Sciences Sponsored National Seminar on "WIRELESS NETWORKS FOR RURAL APPLICATIONS" conducted by the department of ECE, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10 on 10 and 11 of October 2011.

32. Two day Ministry Of Earth Sciences Sponsored National Seminar on "DESIGN AND APPLICATIONS OF VLSI TECHNIQUES" conducted by the department of ECE, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10 on 12 and 13 of October 2011.

33. One day Workshop on "NEED BASED APPROACH FOR EFFECTIVE TEACHING" on 21.6.2011 at SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10

34. AICTE Sponsored Workshop on " RESEARCH ISSUES IN MEDICAL IMAGING TECHNIQUES" organized by Department of IT, SSK College of Engg and Tech on 30.5.2011 to 3.6.2011

35. Attended "EDUCATORS DAY 2009", Annual Technical Forum for faculty and Research Scholars conducted by National Instruments at Chennai.

36. One day Workshop on "TECHNICAL COMMUNICATION" on 13th June 2009 at SSK College of Engineering and Technology, Coimbatore.

37. Seminar on "RECENT TRENDS IN HIGH DATA RATE WIRELESS COMMUNICATION" on 20th and 21st August 2009 at Sri Ramakrishna Institute Of Technology, Coimbatore.

38. Workshop on "EMERGING TRENDS IN WIRELESS COMMUNICATION" on 29th January 2005 at Dr.Mahalingam College of Engineering and Technology,Pollachi.

39. Workshop on "WIRELESS COMMUNICATION AND NETWORKS" on 9th October 2004 at Kumaraguru College of Technology, Coimbatore.

40. Workshop on "MICROCONTROLLER BASED EMBEDDED SYSTEMS" under TEQIP on 13th and14thofJuly 2007 at GCT,Coimbatore.

41. Workshop on "RESEARCH APPLICATIONS USING MATLAB AND LABVIEW on 3rd and 4th April 2009 at Dr.Mahalingham College of Engineering and Technology,Pollachi.

42. Two day Workshop on "Networking , DSP and Biomedical Engineering" on 6.1.2003 and 7.1.2003 at Department of ECE,GCT Campus, Anna University.

Faculty Development Program attended (from recent)

1. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Basics of Software Defined Radio" between July-August 2023.

2. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Leadership" between Jan-Feb 2022.

3. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Cognition,Transformation and Lives" between Aug-Sep 2021.

4. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Real Time Operating Systems" between Feb-Mar 2021.

5. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Introduction to Embedded System Design" between Sept - Dec 2020.

6. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Accreditation and Outcome Based Learning" between Aug-Oct 2019.

7. TEQIP III Sponsored Seven days / One week FDP on "Automotive Embedded Systems" from 10.06.19 to 16.06.19conducted by Department of EEE, PSG College of Technology,Coimbatore-4.

8. NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt of India) for the Course "Introduction to Internet of Things" between Jan-April 2019.

9. One week AICTE recognized Short Term Course on "Optimisation Techniques with Engineering Applications through ICT" conducted by Applied Science Department of National Institute of Technical training and Research,Chandigarh from 10.12.2018 to 14.12.2018 at Sri Ramakrishna Institute of Technology, Coimbatore (Tamil Nadu).

10. Three days FDP on "Signals and Systems" by Department of ECE and Department of Science and Humanities(Mathematics) , Sri Ramakrishna Institute Of Technology, Coimbatore-10 during 20.07.2017 to 22.07.2017.

11. Two days FDP on "Advanced Signal Processing Systems for Engineering Research" by Department of ECE, Sri Ramakrishna Engineering College ,Coimbatore-641022 during 19,20 March 2015.

12. AICTE Sponsored FDP on "Advanced Control Strategies and Applications" from 13.5.13 to 26.5.13 hosted by Department of EEE , Sri Ramakrishna Institute Of Technology, Coimbatore.

FDP attended (Online)

Sl.No	Title of the FDP	No. of days	Organization	Date
1	VLSI to System Design : Silicon to End Application Approach	5	AICTE and Arm Education and ST MicroElectronics	31.07.2023 to 04.08.2023
2	Research Opportunities in Emerging areas of Electronics and Communication Engineering	5	Department of ECE,KPR Institute of Engineering and Technology, Coimbatore, Tamilnadu.	18.07.2022 to 25.07.2022
3	Innovative Teaching and OBE	6	AICTE-ISTE approved Orientation/Refresher programme conducted by Dhirajlal Gandhi College of Technology, Salem, TamilNadu.	07.02.2022 to 12.02.2022
4	Future Perspective of Semiconductor Devices, Electrical & Computer Engineering	5	AICTE Training And Learning (ATAL) Academy FDP at Kalasalingam Academy of Research and Education	21.6.2021 to 25.6.2021
5	Design Thinking	5	AICTE Training And Learning (ATAL) Academy FDP at Gyan Ganga Institute of Technology and Sciences.	1.6.2021 to 5.6.2021
6	Electronic Circuits 1	6	Centre for Faculty Development,Anna University,Chennai	24.05.2021 to 29.05.2021
7	Innovative Research Prospects in Communication, Power System and Machine Learning Techniques	5	5 days Online FDP conducted by the Department of ECE and EEE ,Jeppiar Institute Of Tech,	17.05.2021 to 21.05.2021

8	Secure Data Optimization in IOT using GNU Radio Companion and USRP	6	AICTE sponsored 6 days Online Short Term Training Programme organized by Department of ECE,Excel Engineering College,(Autonomous),Komarapalayam,Naamakkal District,Tamilnadu.	14.12.2020 to 19.12.2020
9	Wearable Devices	5	AICTE Training And Learning (ATAL) Academy conducted by Sri Ramakrishna Institute of Technology	30.11.2020 to 4.12.2020
10	People Analytics – An overview	1	Centre for Human Resource Management , SRIT Business School, Sri Ramakrishna Institute of Technology	14.10.2020
11	Research challenges, Developments & Avenues in Cyber Security (RCDACS 2020)	6	Department of Electronics and Communication Engineering, Karpagam College of Engineering	*15.9.2020 to 20.9.2020*
12	One week FDP on Outcome Based Education	6	Department of Civil Engineering,Dr.D.Y.Patil Institute of Technology,Pimpri,Pune	10.9.2020 to 16.9.2020
13	A Five Day Faculty Development Programme On Recent Trends In Wireless Communication And Signal Processing	5	Department of Electronics And Communication Engineering Saranathan College of Engineering (Accredited by NBA) Venkateswara Nagar, Panjappur, Tiruchirapalli	27.7.2020 to 31.7.2020.
14	International FDP on 1.Epistemic access to ENHANCE Effective Learning 2.Towards Happy living with Emotional Intelligence	2	Internal Quality Assurance Cell(IQAC) and Human Resources (HR) Services of Idhaya Engineering College for Women ,Chinnnasalem, Kallakurichi	31.07.2020 and 1.8.2020
15	Recent Trends in Information and Communication Systems (RTICS 2020)	5	Department of Electronics and Communication Engineering held at Karpagam College of Engineering .	16.6.2020 to 20.6.2020

16	FDP on EC8701-Antennas and Microwave Engineering	5	Department of Electronics and Communication Engineering in association with IEEE and IETE of Saveetha Engineering College,Chennai	22.6.2020 to 26.06.2020
17	FDP on "Outcome based Education Software"		VMEDULIFE Software services	11.6.2020
18	International FDP on "AI and IoT for Medical Applications"	3	Department of Electronics and Communication Engineering of GMR Institute of Technology, Rajam	1.6.2020 to 3.6.2020
19	One day virtual Faculty Development Programme on " Robotic Process Automation and its allied Machine Learning Techniques	1	Department of Electronics and Communication Engineering, VELS Institute of Science, Technology and Advanced Studies VISTAS, Chennai in association with Elektroniklab India Pvt Ltd	23.05.2020
20	Writing Quality Research Paper and Proposal	1	International School of Management, Patna	22.05.2020
21	Machine Learning Model Based Solution for COVID 19	1	Department of Computer Science, Nirmala College for Women	18.05.2020
22	International Faculty Development Programme on "Research Challenges and Innovations in Renewable Energy Systems"	6	Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT-AarupadaiVeedu Institute of Technology,Vinayaka Mission's Research Foundation	11.05.2020 to 16.05.2020

Events Organized (from recent)

Conference :

1	National Conference on COMMUNICATION, COMPUTATION, CONTROL AND AUTOMATION" at Sri Ramakrishna Institute of Technology, Coimbatore during 23 and 24 ,April 2010.

	2National Conference on COMMUNICATION, COMPUTATION, CONTROL AND AUTOMATION" at Sri Ramakrishna Institute Of Technology, Coimbatore during 25 and 26, April 2008.

FDP

1	International Faculty Development Programme on "Recent Trends in Semiconductor Industry and its Impact on VLSI Design" between 16.11.2023 and 22.11.2023. External Participants: 36 External Resource person: 6 (International level: 2 ; Telangana : 1 , Tamilnadu: 3) Internal resource person: 3

Workshops and Seminars

1. On behalf of IETE Students' Forum (ISF), Advanced Image Processing Cluster and IIC Institution Innovation Council (IIC) organized a "SEMINAR" on "Low code , No code platform" by Ms.Senthamarai.K,Mahat Labs pvt ltd, Coimbatore on 18.08.2023 for Thirs year ECE Students..

2. On behalf of IETE Students' Forum (ISF), Advanced Image Processing Cluster and IIC Institution Innovation Council (IIC) organized a Workshop on "Hands on Training using Arduino UNO" Coimbatore on 08.02.2023 for IETE members.Resource person was Ms. R. Madhumitha, Embedded Developer, Emglitz Technologies, Coimbatore.

3. On behalf of IETE Students' Forum (ISF), Advanced Image Processing Cluster and IIC Institution Innovation Council (IIC),organized a "SEMINAR" on "Extract Transform and Load (ETL): Data Warehousing (DW) Project Management" by Mr.Balamurugen S , Project Manager,Tata Digital Services,Coimbatore on 25.01.2023 for IETE members.

4. On behalf of WEC,Conducted Seminar titled "Attitude and Perspective of Society : Hurdles in Women Empowerment" .Resource person: Dr.Godhanavalli, Counsellor & Entrepreneur, Ganapathy Post, Coimbatore on 29.3.2022.

5. On behalf of IQAC, Conducted Seminar titled "How to write a Winning Grant Proposal?" Resource person: Dr.Chandramohan,Professor,Department of Mech Engineering,Sri Ramakrishna Engineering College,Coimbatore on 12.3.2022.

6. Organising Secretary at National Level Project Expo "SRIT-RISE 22" ,on 27.5.2022.

7. Coordinated "BEST MANAGER Event" at TECHNOFEST 2K22 on 25.5.2022

8. On behalf of SRIT IEEE Students Branch, IETE Students' Forum (ISF) and IIC ,organized a "Project Expo" on 25.03.2021 in Online Mode for Final year ECE Students of SRIT. 42 batches participated.

9. On behalf of IETE Students' Forum (ISF),organized a "SEMINAR" on "DATA WAREHOUSING " by Mr.Balamurugen S ,Associate,Cognizant Technology Solutions, Cognizant CHIL SEZ, Campus Coimbatore on 28.02.2020 for IETE members.

10. In collaboration with Ariel University, Webinar was conducted on "Smith Chart and its Applications" by Mr.OzSorkin ,Research Scholar, Electric and Electronics Engineering Department, Ariel University at E-learning Hall, Sri RamakrishnaInstitute Of Technology, Coimbatore-10 on 26.2.2020 for Second year ECE Students.

11. On behalf of IETE Students' Forum (ISF),organized a "Project Expo" on 25.09.2019 at RF and Communication Laboratory and Optical and Microwave Laboratory.

12. On behalf of IETE Students' Forum (ISF),organized a "SEMINAR" on "SUSTAINABLE TECHNOLOGIES" by Ms.SudhaSankari C B,Research Associate, Education R & D,IC Centre for Governance, Ganapathy, Coimbatore on 21.08.2019.

13. In collaboration with Ariel University, Webinar was conducted on "Programmable Logic Control (PLC) in Industrial Automation" by Prof. ShragaShoval Faculty of Engineering Ariel University at E-learning Hall,Sri Ramakrishna Institute Of Technology, Coimbatore-10 on 22.7.2019 for Final year Mechanical Students.

14. On behalf of IETE Students' Forum (ISF),organized a "GUEST LECTURE" on Engineers contribution towards society through Frugal innovation by Mr.S.ArunPrasad,Research Associate, Education R & D,IC Centre for Governance,Ganapathy, Coimbatore on 28.02.2019.

15. On behalf of IETE Students' Forum (ISF),organized a "Project Expo" on 28.09.2018 at RF and Communication Laboratory and Optical and Microwave Laboratory.

16. On behalf of IETE Students' Forum (ISF),organized a "GUEST LECTURE" on GENERAL AWARENESS ON GATE and IES , by Dr.A.Saravanakumaran, Director and Centre Head, GATE FORUM and RADIAN IAS Academy,Coimbatore on 24.08.2018.

17. On behalf of IETE Students' Forum (ISF) , organized a "Project Expo" on 15.09.2017 at RF and Communication Laboratory and Optical and Microwave Laboratory.

18. Three days FDP on "Signals and Systems" by Department of ECE and Department of Science and Humanities(Mathematics) , Sri RamakrishnaInstitute Of Technology, Coimbatore-10 during 20.07.2017 to 22.07.2017.

19. Workshop Coordinator for Two-week ISTE STTP on "CMOS,Mixed signal and Radio Frequency VLSI Design" held under National Mission on Education through ICT(MHRD) ,organized by Indian Institute of Technology, Kharagpur from 30th January 2017 to 4th February 2017.Online activity equivalent to one week from 26th December 2016 to 4th

February 2017 and physical participation at remote centre from 30th January 2017 to 4th February 2017.

20. On behalf of IETE Students' Forum (ISF) , organized a "Project Expo" on 22.03.2017 at RF and Communication Laboratory and Optical and Microwave Laboratory

21. Organised a "Two day Ministry Of Earth Sciences Sponsored National Seminar on "DESIGN AND APPLICATIONS OF VLSI TECHNIQUES" conducted by the department of ECE, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10 on 12 and 13 of October 2011.

22. Session Management Committee member of of "NATIONAL CONFERENCE ON COMMUNICATION, COMPUTATION, CONTROL AND AUTOMATION" at SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore during 9 and 10 March 2012.

23. Coordinator for 2 day MoES Sponsored National Seminar on "DESIGN AND APPLICATIONS OF VLSI TECHNIQUES "conducted by the department of ECE, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10 on 12 and 13 of October 2011.

24. SECRETARIAL ASSISTANCE for 2 day MoES Sponsored National Seminar on "WIRELESS NETWORKS FOR RURAL APPLICATIONS" conducted by the department of ECE, SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore-10 on 10 and 11 of October 2011.

25. RECEPTION and REGISTRATION COMMITTEE member of "Seminar on wired and wireless communication" at SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY", Coimbatore during 2010.

Webinar Organised:

Sl.No.	Title	Collaboration (if any)	Date
1	"Hands on Training in IoT using Tinkercad software" **Resource Person:** Dr.P.Ramani,Asst prof(SG),SRM Institute of Science and Technology,Ramapuram Campus,Chennai	IETE Students Forum (ISF),Advanced Image Processing Cluster,IIC	25.10.2023
2	Future cellular networks **Resource Person:** Dr.S.Sugumaran, Professor/ECE Vishnu Institute Of Technology Bhimavaram	IETE Students Forum (ISF),Advanced Image Processing Cluster,IIC	25.09.2023

	AndhraPradesh		
3	**Applications of Image Processing** Dr.M.Meenakumari ,Professor Sri Ranganathar Institute of Engineering and Technology Athipalayam Coimbatore	IETE Students Forum (ISF),Advanced Image Processing Cluster,IIC	10.01.2023
4	<u>**Engineering Profession-General Introduction**</u> Prof.Shraga Shoval Dean,Faculty of Engineering Ariel University,Israel	First year Orientation Programme	22.11.2022
5	**DW-Process Design and Development** Mr. S.Balamurugen Project Manager Tata Digital Services Coimbatore	ECE,IETE Students Forum (ISF),IIC	26.08.2022
6	**Seminar** <u>**Resource Person:**</u> Mr.Michael Britvin Electrical Engineer and Researcher Kinematic & Computational Geometry Laboratory Ariel University, Israel Topic: MICROCONTROLLERS-ESP 32	ISF,ECE,IIC	6.6.2022
7	<u>**Resource Person:**</u> Ms.K.P.Abitha Velmurugan Assistant Professor, School of Law PRIST Deemed University, Madurai Campus, Convener All India Meet Court,Prist. Topic: Women's day Celebrations	WEC	8.3.2022
8	<u>**Resource Person:**</u> Dr.K.V.Manju Assistant Prof Faculty of Management studies Karpagam College of Engineering	IIC and ISF	18.02.2022

	Coimbatore Topic: Entrepreneurship Skill, Attitude and Behaviour Development		
9	**Resource Person:** Mr.Yair Richter, Research Scholar, Electronics Engineering, Ariel University, Israel "ANALOG ELECTRONICS-FIELD EFFECT TRANSISTORS"	ECE and ISF	21.10.2021
10	**Resource Person:** Indu S Head Business Operations VLAND Best Hub Pvt Ltd Coimbatore "Roles and Responsibilities of Software Engineers"	ECE and ISF	04.10.2021
11	**Resource Person:** Dr.Jeyalakshmi Ayyappan Associate Professor Department of Information Technology Sri Ramakrishna College of Arts and Science Coimbatore "Robotic Process Automation in UiPATH"	ECE and ISF	07.09.2021
12	**Resource Person:** Dr.S.Sugumaran Vishnu Institute Of Technology Bhimavaram AndhraPradesh "Optical networks in 6G technologies"	ECE and ISF	04.06.2021
13	**Resource Person:** Mr.Sathish Application developer,	ECE	3.5.2021

	Divum Corporate services pvt ltd, Bangalore. "The Role of Electronics in IOT"		
14	**Resource Person:** Mr J.Vignesh Associate Backend developer Smitch Coimbatore "Microcontrollers in Internet Of Things"	ECE	17.04.2021
15	**Resource Person:** Ms R Prabha Automatic QA Engineer , Hippo videos, Guindy Chennai **"Automatic Testing Stategies"**	ECE,ISF	12.04.2021
16	Analog Electronics-Waveshaping Circuits Mr.Tomer Belisha Electrical and Electronics Engineer Department of Electrical Engineering, Faculty of Engineering Ariel University,Israel	ECE	25.03.2021
17	**Resource Person** Mr. Rijo George Project Manager **Applications of Sensors in Automation**	Emglitz Technologies, Coimbatore	07.11.2020
18	**How to prepare yourself for Engineering Profession?** Prof.Shraga Shoval Dean,Faculty of Engineering Ariel University,Israel	First year Induction Programme	25.09.2020
19	**Resource Person:** Dr.B.Mathivanan Associate Professor Computer Science and Engineering Department Sri Ramakrishna Engineering College Coimbatore **Vaiyath Thalaimail kol**	WEC and GCC of SRIT	26.07.2020

20	**Resource Person:** Mr.Maharaja Lecturer Al Musanna College of Technology Al Muladdah,Al Batinah,Oman **Illakkiathil Penhal**	WEC and GCC of SRIT	18.07.2020
21	**Resource Person:** S.Balamurugen Lead Quality Engineer, QBE Insurance Pvt. Ltd. **"Data Warehousing Project Management"**	IETE Students Forum (ISF)	12.06.2020
22	**Resource Person:1** Mr.GowthamSanthosh, Project Manager **Resource Person:2** Mr.JithuVijayan Embedded Developer EmglitzTechnologies,Coimbatore **"Recent Trends In Embedded Systems"**	Emglitz Technologies, Coimbatore	10.06.2020
23	**Resource Person:** Ms R Prabha Software Engineer in Testing Fresh Works,Chennai **"Career Opportunities For Engineering Students"**	--	08.06.2020

Online Courses Completed

Sl. No.	Title	Platform
1	Basics of Software Defined Radios	NPTEL Platform
2	Introduction to Semiconductor Devices	NPTEL Platform
3	Leadership	NPTEL Platform
4	Cognition, Transformation and Lives	NPTEL Platform
5	Real Time Operating Systems	NPTEL Platform

6	Introduction to Embedded System Design6	NPTEL Platform
7	Effective Engineering Teaching In Practic	NPTEL Platform
8	Accreditation and Outcome based Learning	NPTEL Platform
9	Introduction to Internet of Things	NPTEL Platform
10	Digital Circuits	NPTEL Platform
11	Discrete Time Signal Processing	NPTEL Platform
12	Innovation Ambassador Training	MoE's innovation Cell and AICTE
13	TI Embedded System Design using MSP430 MCU MOOC	Coursera
14	The Product Lifecycle: A Guide from start to finish	Coursera
15	Using Covid-19 Data to Make Supply Chain Logistics Decisions in Spreadsheets	Texas Instruments
16	Create Customer Support Data with Google Sheets	Coursera
17	Create a Project Charter with Google Docs	Coursera
18	Create Charts and Dashboard using Google Sheets	Coursera
19	Building Similarity Based Recommendation System	Coursera
20	Image Processing with Python	Coursera
21	Introduction to HTML	Coursera
22	Build your PortFolio Website with HTML and CSS	Coursera
23	Mind Control : Managing your Mental Health During COVID 19	Coursera
24	Introduction to Electronics	Coursera
25	Introduction to PYTHON	Coursera
26	Introduction to Google Docs	Coursera
27	Spreadsheets for Beginners using Google Sheets	Coursera
28	Getting Started with Google Sheets	Coursera

29	Create and Format a Basic Document with LibreOffice Writer	Coursera
30	The Science of Success: What Researchers Know that You Should Know	Coursera
31	How to Write a Resume (Project-Centered Course)	Coursera
32	Desulphurisation	Tata steel
33	Power System Protection	Tata steel
34	Tata steel PLC	Tata steel
35	Creative Thinking: Techniques and Tools for Success	Coursera
36	A Life of Happiness and Fulfillment	Coursera
37	Mindshift: Break Through Obstacles to Learning and discover your Hidden potentials	Coursera

Awards and Recognitions Secured

1. Received a Certificate of Appreciation for acting as a Reviewer : In International Conference on Communication and Computing Technologies for Sustainable Development (ICCCTSD 2022) organized by the Department of Electronics and Communication Engineering, Sri Krishna College of Technology, Coimbatore, India during Feb 18-19, 2022.

2. Acted as an Organizing Committee Member in the International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCRESMA 2022) created & powered by Centre for Research and Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India on 27-29 January 2022.

3. Received Silver medal for the product titled "Automatic Coin Counting Machine" conducted virtually at "Virtual Expo of i2Create 2021 " held at UNIMAP, Malaysia on 16.9.2021(Participant ID: IDINT049).

4. Received Award of Merit for the product titled "Ecofriendly Dye Extraction Method from Cyanophyta for textiles" conducted virtually at "Virtual Expo of Innovation Product and system design 2020(VIDE 2020)" held at UNIMAP, Malaysia on 19.11.2020.

5. Received Silver medal for the product titled "Ecofriendly Dye Extraction Method from Cyanophyta for textiles" conducted virtually at "Virtual Expo of Innovation Product and system design 2020(VIDE 2020)" held at UNIMAP, Malaysia on 19.11.2020.

6. Received a "ShriP.K.Das Memorial Best Faculty Award" for Electronics and Communication Engineering Department under SENIOR Category for the year 2019 at Nehru Group of Institutions on 15.12.2019.

7. Received a MyRISBest Innovation award for the project titled "IOT Based Autonomous Multi-Purpose Agro BOT" in the 4th International Art Creativity and Engineering Exhibition I+ACEH 2019 at University of Ubudhiyah,Indonesia from Malaysian Research and Innovation Society.

8. Received a GOLD Award for the project titled "IOT Based Autonomous Multi-Purpose Agro BOT" in the 4thInternational Art Creativity and Engineering Exhibition I+ACEH 2019 held between Oct 1 and Oct 2 , 2019 at University of Ubudhiyah,Indonesia

9. Received a "Senior Educator and Scholar award" from National Foundation for Entrepreneurship Development (NFED) (In pursuance to create Socio-Economic Sustenance through Entrepreneurship Development) during the 10th National Teachers' day Awards 2019 on 5.9.2019.

10. Received a Certificate of Appreciation for acting as a Reviewer : In Second International Conference on Microelectronics and TeleCommunication Engineering ICMETE-2018 Sponsored by IEEE UP Section - Conducted by SRM Institute of Science and Technology ,Delhi NCR Campus, Ghaziabad ,Uttar Pradesh on 20th and 21st September 2018.

11. Biography is available online in Marquis Who's Who in 32 nd Edition.

12. SRIT Alumni Association awarded Dr S Radhakrishnan Award – ACADEMIC EXCELLANCE AWARD on 26.01.2015 at Sri Ramakrishna institute Of Technology.

Self-appraisal

Major Strengths

1. Likes Teaching Profession very much

2. Systematic in preparing for classes

3. Good in Analytical Skills

4. Google Scholar : Citations: **226**   h index **10**   i10 **10**

5. Research Gate: Research Interest Score: **381.9**

6. Completed Business English Certificate Preliminary in the grade of B1

Major Weakness

1. Less industrial experience

2. Flexible

3. Kind hearted

Signature