



Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

www.srit.org :: Phone – 0422-2605577



Faculty Profile

Full name with Qualification, Designation and

Department:

Dr. S.Anila ,B.E., M.E., Ph.D.,

Professor & Head,

Electronics and Communication Engineering



Date of birth	:	03.05.1972	Gender	:	Female
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	No.11, Janaki Nagar, Opp. Avila Convent, Velandipalayam Post, Coimbatore-641025	Permanent address	:	No.11, Janaki Nagar, Opp. Avila Convent, Velandipalayam Post, Coimbatore-641025
Mobile no	:	9442019365 9894319365	e-mail (official)	:	hod.ece@srit.org
Landline	:	-	e-mail (personal)	:	anilasatish@gmail.com
Date of joining	:	27.06.2005	Post of joining	:	Lecturer
No of promotions since D.O.J	:	4	Present post	:	Professor and Head
Present pay scale	:	Rs.37,400 – Rs.67,000	Gross pay	:	Rs.1,06,202.00/-
Employer ID	:	1405	Bank account No. (Salary credited)	:	500101010539503
P.F. No	:	TN/CBE/56764/108	Group Insurance No	:	170100/48/13/42/00001717
PAN Number	:	AKAPA6927G	Aadhar Number	:	2313 7584 2975
AICTE ID	:	1-469020667	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.E(ECE)	1993	Periyar Maniammai College of Technology, Thanjavur.	Bharathidasan University	First Class
PG	M.E (Applied Electronics)	2005	Government College of Technology, Coimbatore.	Anna University, Chennai.	First Class
Ph.D	Ph.D	2013	Anna University, Chennai.	Anna University, Chennai.	-
Others	-				

Registration for Ph.D. with area of interest:**Year of Ph.D. Registration:** 2007**Year of Ph.D. Completed:** 2013**Thesis Title:** Certain investigations on face recognition and face detection techniques**Supervisor Recognition Number:** 2840081**Ph.D. Scholar Details**

S.No.	Name of the scholar	Registration details	College	Status
1.	Ms.N.Sathiyabama	Jan 2016	CSI college of Engineering, Ketti	Thesis Submitted
2.	Ms.Komathi vanitha	June 2016		Thesis Submitted
3.	Ms.Nishapriya	June 2016		Confirmation completed
4.	Mr.G.Ayappan	June 2017	JNN college of technology. Chennai	Thesis Submitted
5.	Ms. S. Priya	July 2017	Nehru Institute of Engineering and Technology, Coimbatore	Confirmation completed
6.	Ms.P.Devi	Dec 2017	Internal(SRIT)	Confirmation completed
7.	Ms.N.Naveena	July 2019	Sri Krishna College of Engineering and Technology, Coimbatore	Confirmation completed

8.	Ms.B.Kokila	Jan 2020	Coimbatore Institute of Engg and Tech, Coimbatore	Confirmation completed
9.	Mr.S.Thiyagarajan	Jan 2021	Internal(SRIT)	Confirmation completed
10.	Divya S	July 2021	Dr.N.G.P. Institute of Technology	Registration confirmed
11.	Prasannan N	Jan 2022	Sree Sakthi Engineering College, Karamadai	Confirmation completed

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Professor	01.06.2019	Till date	4	5	24
Sri Ramakrishna Institute of Technology	Associate Professor	01.04.2013	31.05.2019	6	2	-
Sri Ramakrishna Institute of Technology	Assistant Professor (Sel. grade)	01.03.2011	31.03.2013	2	1	-
Sri Ramakrishna Institute of Technology	Sr. Lecturer / Assistant Professor	01.02.2008	28.02.2011	3	1	-
Sri Ramakrishna Institute of Technology	Lecturer	27.06.2005	31.01.2008	2	7	5
Government College of Technology, Coimbatore	Graduate Trainee	29.07.2002	24.06.2005	2	10	27
Government College of Technology, Coimbatore	Hourly basis lecturer	12.12.2001	12.03.2002	-	3	1
Government Polytechnic, Ooty	Part time lecturer	01.06.2000	03.07.2001	1	1	3
Government Polytechnic, Ooty	Part time lecturer	01.06.1995	31.12.1999	4	7	
Total				27	3	0
Totals(in Engineering Colleges only)				21	6	27

Industrial Experience : NIL

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

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2022-23	IV	20EC008	Signals and systems	T	80%
2022-23	VII	UECE111	Principles of Digital image Processing	T	90%
2021-22	IV	20EC008	Signals and systems	T	76%
2021-22	VII	UECE111	Principles of Digital image Processing	T	95%
2020-21	VI	UECC016	Integrated Design Project(Course Work)	T	100%
2020-21	V	UECG002	Introduction to Embedded systems	T	98%
2020-21	VII	UECE111	Principles of Digital image Processing	T	100
2019-20	VI	UECC016	Integrated Design Project(Course Work)	T	100%
2019-20	VII	EC6703	Embedded and Real Time systems	T	81%
2019-20	III	UECC002	Signals and systems	T	85%

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-24	VII	Underwater Image enhancement and evaluation	UG
2022-23	VII	Home Automation System Based on Voice Command	UG
2021-22	VIII	Mental task classification for BCI applications	UG

2020-21	VIII	Classification of mental tasks using EEG signals	UG
2020-21	VII	An EEG based sleep quality analysis and music recommendation system for insomnia patients	UG
2019-20	VIII	EEG based Driver Drowsiness Detection and Alert System	UG
2018-19	VIII	Automatic Fabric texture detection using image Processing	UG
2018-19	VIII	Low cost Air Quality Monitoring System	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	7	20
Conferences	3	23

Journal Publications (IEEE format)

1. Nisha Priya, P., Anila, S. Fetal head biometrics measurements using convolutional neural network and mid-point ellipse drawing algorithm. Multidim Syst Sign Process 34, 749–766 (2023). <https://doi.org/10.1007/s11045-023-00882-y>
2. Komathy Vanitha Krishnan, Anila Satish, Pradeev raj Krishnan, Design of energy efficient approximate subtractors and restoring dividers for error tolerant applications”, Microelectronics Journal, Vol.131, 2023. <https://doi.org/10.1016/j.mejo.2022.105668>.
3. G. Ayappan & S. Anila, “Mayfly Optimization with Deep Belief Network-Based Automated COVID-19 Cough Classification Using Biological Audio Signals”, CYBERNETICS AND SYSTEMS, Vol.54, Issue 06, Jan 2023, DOI: 10.1080/01969722.2023.2166244.
4. N. Sathiabama and S. Anila, “A Universal BIST Approach for Virtex-Ultrascale Architecture”, Computer Systems Science & Engineering, vol.45, no.3, 2023, DOI: 10.32604/csse.2023.025941.
5. S.Anila, S.Mary Praveena, S.S.Sivaraju, “EEG based Driver Drowsiness Detection and Alert System”, Linguistica Antverpiensia, Vol.2021, Issue 2, May 2021.
6. Vasekaran A, Saran S, Thangavel N and Anila S, “Classification of Mental Tasks using EEG Signals”, International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Volume:03, Issue:03, March 2021.
7. Balaji Rasinger B, , Mohammed Faizan A, Nettesh J, Mugilan S, Anila S, “Real Time Emotion Detection of Students Using EEG Signals”, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume 05, Issue 04, April 2021.
8. S.Anila, P.N.Sabari, J.Nitiskumar, E.Satheeshkumar, “BCI Application: Emotion Recognition from EEG(Electroencephalography) Signals - A Survey”, proceedings of

National E-Conference on "Communication, Computation, Control and Automation" (CCCA-2020) and in the International Journal of Scientific Research and Engineering Development, May 2020.

9. D.Binu, S.Anila, "High Precision Monitoring of brain disorders using EEG",
10. International Journal of Current Engineering And Scientific Research (IJCESR), Volume 6, Issue 2, pp.25-29, 2019.
11. P.Devi, S.Anila, "Accident Detection and Reporting System using IoT", International Journal of Current Engineering And Scientific Research (IJCESR), Volume 5, Issue 12, pp.57-61, Dec 2018.
12. S.Anila, K.Sheela Sobana Rani, B.Saranya, "Fabric Texture Analysis and Weave Pattern Recognition by Intelligent Processing", Journal of Telecommunication, Electronic and Computer Engineering (JTEC), Vol.10, No.1-13, pp.121-127, August 2018.
13. Ayappan G, Anila S, "A survey on audio biological signal processing", Journal of Emerging Technologies and Innovative Research (JETIR), Volume 5, Issue 6, pp.176-179, June 2018.
14. B.Saranya, S.Anila, "Image enhancement and security - A survey", International Journal of Scientific Research and Review, Volume 7, Issue 5, pp.245-248, May 2018.
15. Dr.S.Anila, B.Saranya, G.Kiruthikamani, P.Devi, "Intelligent System For Automatic Railway Gate Controlling And Obstacle Detection", International Journal Of Current Engineering And Scientific Research (IJCESR), Volume-4, Issue-8, 2017.
16. S.Anila, Dr.N.Devarajan, "A new Contourlet based Multiresolution approximation for MRI image noise removal", National Academy Science Letters, Springer publications, February 2017, Volume 40, Issue 1, pp 39-41, 2017.
17. S.Anila, Dr.N.Devarajan, "Text Detection using Stroke Width Transform (SWT)", Asian Journal of Information Technology, Vol.15, No.21, pp.4318-4324, 2016.
18. J.Sajimi Nisha, S.Anila, "Design of IPV6 enterprise network with stateless address auto configuration" International Journal of digital communication and networks(IJDCN), Vol.2, No. 1, January 2015.
19. S.Anila, Dr.N.Devarajan, "Detection and tracking of Human in Videos", Advances in Natural and Applied Sciences, Vol. 9, No. 8, pp.135-141, July 2015.
20. V.Suriya, Sona Poullose, S.Anila, "A Shackle Process for Shadow Detection", International Journal of computer Applications, pp.8-15, 2013. (Proceeding from the International Conference on Innovations In Intelligent Instrumentation, Optimization And Signal Processing" ICIIOSP-2013.
21. S.Anila, Dr.N.Devarajan, "An Efficient Face Recognition System Using Transforms" , International Journal of soft computing, Vol. 8, No.1, pp. 42-49, 2013.
22. S.Anila, Dr.N.Devarajan,"Superior Feature Sets for Face Recognition under Difficult Lighting Conditions", Journal of Applied Sciences Research, Vol.8, No.7, pp. 3344-3352, 2012.
23. S.Anila, Dr.N.Devarajan "Preprocessing Technique for Face Recognition Applications under Varying Illumination Conditions", Global Journal of Computer Science and Technology, Vol.12, No.11, pp.13-18, 2012.
24. S.Anila, Dr.N.Devarajan "Global and Local Classifiers for Face Recognition", European Journal of Scientific Research, Vol.57, No.4, pp.556-566, 2011.

25. S.Anila, Dr.N.Devarajan “Extraction of Head and Face Boundaries for Face Detection Applications”, International Journal of Automated Identification Technology, Vol. 3, No.1, pp.27-33, 2011.
26. S.Anila, Dr.N.Devarajan, “A simple Face Detection system based on Edges”, International Journal of Universal Computer Sciences (IJUCS), Volume 1, No.2, pp.54-58, 2010.
27. S.Anila, Dr.N.Devarajan, “The Usage of Peak Transform for Image Compression”, International Journal of Engineering Science & Technology (IJEST), Vol. 2, No. 11, pp.6308-6316, 2010.

Conference Publications (IEEE format)

International Conferences

1. K Komathy Vanitha and S.Anila, “Energy efficient high-performance approximate adders for imprecision-tolerant signal processing applications”, International Conference on Man Machine Systems (ICoMMS 2021), Journal of Physics: Conference Series, December 2021.
2. Komathi vanitha, S. Anila, “Review of Approximate Adders and Analysis of Error Tolerant Approximation”, International Web Conference on Innovative Engineering Technologies (IWC IET-2020), August 2020.
3. B.Kokila, S.Anila, “Review on Image Analysis using Deep Learning”, International Web Conference on Innovative Engineering Technologies (IWC IET-2020), August 2020.
4. Thiyagarajan, Anila S, Cija Prasanthi S, “Automated Wheelchair for Paralysed Patient using Eye Movement”, International Web Conference on Innovative Engineering Technologies (IWC IET-2020), August 2020.
5. Arpitha D G L , Gayathri Preethi C P, Dr.S.Anila, “EEG based Driver Drowsiness Detection and Alert System”, International Web Conference on Innovative Engineering Technologies (IWC IET-2020), August 2020.
6. Ms.P.Devi and Dr.S.Anila , “Intelligent Ambulance with Automatic Traffic Control”, International Conference on Computing and Information (ICCIT-1441), University of Tabuk, Saudi Arabia, August 2020.
7. N.Naveena, S.Anila, M.Suresh kumar, “Detection of Abnormalities in Aggregate Traffic using Parametric Method”, International Conference of Science, Engineering and Technology (ICSET 2020), Feb.2020, Penang, Malaysia.
8. S. Anila, Mr. S.Thiyagarajan, “IoT Based Indore Air Quality Monitoring System” International Conference on Emerging Trends In Engineering And Management -2020, Dhanalakshmi Srinivasan College Of Engineering, Coimbatore, March 2020.
9. Dr K Sheela Sobana Rani and Dr S Anila, “Comparison of feed forward, Cascade forward and Layer Recurrent Algorithm model for breast cancer prediction”, 5th International Conference on Man Machine Systems 26–27 August 2019, Pulau Pinang, Malaysia.(IOP Conference Series: Materials Science and Engineering)
10. B.Saranya, S.Anila, “Image Enhancement and Security - A Survey”, Global Summit on Science, Technology, Engineering and Management (GSSTEM) – 2018, Sri Ramakrishna Institute of Technology, 3-4 May, 2018.
11. Sriram, Vharun, Sunilraj, S.Anila, “Borewell Monitoring System For Aiding Child Rescue”, International Conference on Information, Communication & Digital Security (ICICDS-2018), Alagappa University, Karaikkudi, Tamilnadu, India, March 2018.

12. S.Anila, K.Sheela Sobana Rani, B.saranya, "Fabric Texture Analysis and Weave Pattern Recognition by Intelligent Processing", International Conference on Man Machine Systems – (ICoMMS), 2017 at University Malaysia Perlis, 21-22 August 2017.
13. S.Anila, K.Sheela Sobana Rani, "IOT based smart irrigation Management using sensors", International Conference on Adaptive technologies for Sustainable Growth [ICATS-2017] at Paavai Engineering College, March 17-18,2017.
14. K.Sheela Sobana Rani, S.Anila "Hybrid Technique For Secure Image Transmission In WSN Using VLSI Implementation" IEEE International Conference on Innovations in Green Energy and Healthcare Technologies" at Dr.N.G.P. Institute of technology, Coimbatore, during March 16-18,2017.
15. Ajeeth, S.Anila "Detecting And Tracking Human Face In Videos" in the proceedings of the International Conference on Advanced Computing Machines and Embedded Technology at JKKN college of Engineering and Technology, Namakkal during 8-9 March 2013.
16. V.Suriya, Sona Paulose, S.Anila, "A Shackle Process for Shadow Detection" proceedings of the International Conference on Innovations in Intelligent Instrumentation, Optimization and Signal Processing (2013) organized by the Department of Electronics and Instrumentation at Karunya University, Coimbatore during 1-2 March 2013.
17. R.Adithya, Jibiya Mary Kuruvilla, S.Lakshmi, J.Nandhini, S.Anila, , "Misalignment Estimation and Restoring Degraded Faces for Face Recognition Applications", proceedings of the International conference on Computing Techniques, Embedded systems and drives (ICCED '12) at PPG Institute of Technology, Coimbatore during March 7-9, 2012.
18. S.Anila, Dr.N.Devarajan, "An efficient Compression Technique using Peak Transform" proceedings of the "International Conference on Computer Technology and Development (ICCTD)", organized by IACSIT (International Association of Computer Science & Information Technology) at Kota Kinabalu, Malaysia during 13/11/2009 to 15/11/2009 and the same has been published in IEEE Explore.
19. S.Anila, Dr.N.Devarajan, "Image Enhancement using wavelet for improving face Detection" proceedings of the Fourth Indian International Conference on Artificial intelligence (IICAI-09) at Siddaganga Institute of Technology(SIT), Tumkur during 16/12/2009 to 18/12/2009.

National Conferences

1. Preethika, S.Anila, "EEG based Emotiuon detection – A survey" in the AICTE sponsored e-conference on Global Summit on Engineering and technology (GSET 2020), November 2020.
2. S.Anila, P.N,Sabari, J.Nitiskumar, E.Satheeshkumar, "BCI Application: Emotion Recognition from EEG(Electroencephalography) Signals - A Survey", proceedings of National E-Conference on "Communication, Computation, Control and Automation" (CCCA-2020), May 2020.
3. M.Archana, K.Kausalya, C.Monisha, S.Anila, "An Intelligent Fabric Defect Inspection and Detection System using image Processing", National conference on Communication,

Computation, Control and Automation-CCCA 2019, Sri Ramakrishna Institute of Technology, Coimbatore during 20th March 2019.

4. B.Balaji, J.Vignesh and S.Anila, “A Low Cost Wireless Sensor for Indoor Air Quality Monitoring System”, National conference on Communication, Computation, Control and Automation-CCCA 2019, Sri Ramakrishna Institute of Technology, Coimbatore during 20th March 2019.
5. R.Nandhini, S.Poovizhi, Priyanka Jose, R. Ranjitha, S.Anila, “Arduino Based Smart Irrigation System Using IOT”, proceedings of the Third National Conference on Intelligent Information and Computing Technologies at RVS college of Engineering, Coimbatore, 3 March 2017.
6. E.Preethi, S. Sharmila, M. Suganya, K.Vinothini, S.Anila, “Text detection and recognition using integrated technique”, proceedings of the National Conference on Advanced Information and System for Sustainable developments in Electrical and Electronics engineering (2015), organized by the Department of ECE and EEE, at Nandha College of Technology, March 2015.
7. S.Anila, K.Arulsukanya, K.Divya, C.Kanimozhi, D.Kavitha, “An Efficient Preprocessing Technique for Face Recognition under difficult lighting conditions”, proceedings of the National Conference on Emerging trends in Computer Communication and Informatics(ETCCI-2011) at Tamil Nadu college of Engineering, Coimbatore during March 10-11,2011

Books / Book Chapters (IEEE format)

- KVJ. Prof.Dr.R.Ganesan, S.Anila , “Women Empowerment: Leadership & Socio-Cultural Dimensions”, published by Bonfring Intellectual Integrity, Coimbatore, 2019. ISBN: 978-93-87862-54-8.
- S.Anila, M.Sureshkumar, published a book chapter titled “Face Detection Using BPN Network, FIS, Neuro Fuzzy and ANFIS Models” in the book “Advances in Computer Science – Vol I”, Published by AkiNik Publications, New Delhi, 2018. ISBN: 978-93-88112-94-9.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Augmentative and alternative communication system for persons with neurodegenerative Disease	AICTE-RPS	Rs.14,75,000/-	3 years
Contactless Sanitary Napkin Vending Machine	SRIT-RPS	Rs.7,500/-	1 year

Consultancy : Nil

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

Workshops / Seminars attended

- Participated in one day online Webinar on, “Designing Drugs for Coronavirus” organized by IIC MHRD, 12.11.2020.
- Participated in one day online "International Webinar on Building Automation & HVAC Control”, organized by Mohammed Sathak A J college of Engineering, 05.11.2020.
- Participated in one day Webinar on “Grid 4.0 & Industry 4.0 - An overview” organized by Department of Electrical and Electronics Engineering, RVS College of Engineering and Technology, Coimbatore on 06.06.2020.
- Participated in one day online webinar titled, “Design of Microstrip Antennas” , conducted by SRIT 04-06-2020.
- Participated in one day online workshop titled, “Machine Learning for Remote Sensing Data Classification” , conducted by this Indian institute of Remote sensing on 01-06-2020.
- Participated in 5-Day Webinar Series on “Design Thinking”, organized by Department of Electronics and Communication Engineering, Sri Ramakrishna Institute of Technology, Coimbatore, conducted during 27.05.2020 to 31.05.2020.
- Participated in the webinar on “Employment and Entrepreneurship before and after COVID-19(Lockdown)” organized by Department of Electrical and Electronics Engineering, RVS College of Engineering and Technology, Coimbatore on 30.05.2020.
- Participated in, “Recent trends in power electronics using MATLAB”, organized by St.Peters’s Engineering College Chennai and PANTECH e-learning, 22.05.2020.
- Participated in one day online workshop titled, “An hour with Arduino and Embedded Systems”, organized by KitFlix Technologies, Mumbai, 07.05.2020.
- Participated in one day online workshop titled, “Scope of Core jobs – Post Corona”, organized by KPR Institute of Engineering and Technology, Coimbatore 09.05.2020.
- Participated in one day online workshop titled, “Protocols used in IoT: MQTT”, KitFlix Technologies, Mumbai. 14.05.2020.
- Participated in one day online workshop titled, “High Frequency PCB Design Issues”, Sri Ramakrishna Institute of Technology, Coimbatore 14.05.2020
- Participated in one day online workshop titled, “Patent Searching, Drafting and Filing”, organized by RVS College of Engineering and Technology, Coimbatore 17.05.2020.
- Participated in one day online webinar titled, “Machine learning model based solution for COVID 19”, organized by Nirmala College for Women, Coimbatore 18.05.2020.

- Participated in one day online webinar titled, “Climate change impacts & Mitigation on Water and Environment”, organized by RVS College of Engineering and Technology, Coimbatore 20.05.2020.
- Participated in one day online webinar titled, “Intelligent Decision making algorithm”, organized by RVS College of Engineering and Technology, Coimbatore 21.05.2020
- Participated in one day online webinar titled, “Tips for aspiring electronic engineers/embedded software developer”, organized by Sri Ramakrishna Institute of Technology, Coimbatore 22.05.2020.
- Participated in one day online webinar titled, “A guide to successful IoT Product Development”, organized by Dr.N.G.P Institute of Technology, Coimbatore 23.05.2020.
- Participated in “IEEE Coimbatore Hub POCO”, organized by IEEE Coimbatore Hub & IEEE young professionals – Madras section on 18.11.2017 at Hotel Mangala International, Coimbatore.
- Participated in one day national level seminar on “Role of mathematics in Engineering and Technology”, at Sri Ramakrishna Institute of Technology, Coimbatore-10 on 09.09.2017.
- Participated in two days workshop on "TI MSP430 Embedded system" conducted by Texas Instruments, Bangalore and STEPS Knowledge services Pvt. Ltd., Coimbatore-16, at SRIT, during November 21-22, 2016.
- Participated in two days International Workshop on Outcome Based education (IWOBE-2016) at Rathinam Technical Campus during 15th&16th September 2016.
- Participated in two week ISTE workshop on “Control Systems” conducted by the Indian Institute of Technology, Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore-10 from 2nd to 12th December, 2014.
- Participated in one week coordinators’ workshop (under National Mission on Education through ICT(MHRD) on “Signals and Systems” conducted by Indian Institute of Technology, Kharagpur from 30th Sep. to 4th Oct, 2013.
- Participated in a one day national workshop on “Advanced Trends in communication Techniques” by the department of ECE at Sri Ramakrishna Institute of Technology, Coimbatore-10 on 8th October 2013.
- Participated in two week ISTE workshop on “Analog electronics” conducted by the Indian Institute of Technology, Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore-10 from 4th to 14th June, 2013.
- Participated in the two days DRDO sponsored national workshop on “Research issues in wireless communication” at Sri Ramakrishna Engineering College during 27-28 March /2013.
- Participated in one day national seminar on “Digital image processing and its applications” conducted by ECE department at Sri Ramakrishna Institute of Technology, Coimbatore-10 on 18th March 2013.

- Participated in two days ISTE workshop on “Research Methods in Educational Technology” conducted by Indian Institute of Technology, Bombay during 2nd and 9th February 2013.
- Participated in two days workshop on “Graphical System design using LABVIEW from 19-02-2013 to 20-02-2013.
- Participated in two days ISTE workshop on “Aakash for education” conducted by Indian Institute of Technology, Bombay 10th and 11th November 2012.
- Participated in the one day International Workshop on “Nanoelectronics” at Sri Ramakrishna Institute of Technology on 30/12/2011.
- Participated in the two days MOES sponsored national seminar on “Design and application of VLSI techniques” at Sri Ramakrishna Institute of Technology during 12/10/2011 & 13/10/2011.
- Participated in the two days MOES sponsored national seminar on “Wireless networks for rural applications” at Sri Ramakrishna Institute of Technology during 10/10/2011 & 11/10/2011.
- Participated in the one day workshop on “Need Based Approach For Effective Teaching” at Sri Ramakrishna Institute of Technology during on 21/06/2011.
- Participated in the IETE sponsored 2 days Seminar on “Modern Trends in Wired & Wireless Communication” conducted by the Department of Electronics and Communication Engineering at Sri Ramakrishna Institute of Technology during 29/12/2010 & 30/12/2010.
- Participated in the AICTE sponsored 2 days seminar on “Recent Trends in High Data Rate Wireless communication” conducted by the Department of Electronics and Communication Engineering at Sri Ramakrishna Institute of Technology during 20/08/2009 & 21/08/2009.
- Participated in the five day workshop organized by the Indo US Collaboration for Engineering Education (IUCEE) on “Graphical System Design Fundamental with LABVIEW” at the INFOSYS campus , Mysore during 29/06/2009 to 03/07/2009.
- Participated in the MISSION 10X workshop on “High impact Teaching Skills” Organized by WIPRO at Coimbatore Institute of Engineering & Technology (CIET), Coimbatore during 10/11/2008 & 14/11/2008.
- Participated in the two days CSIR sponsored seminar on “Research issues in Image Processing” organized by the Department of Electrical & Electronics Engineering at Kongu Engineering college, Perundurai during 20/06/2008 & 21/06/2008.
- Participated in a one day workshop on “Digital Image Processing” conducted by the Department of Information Technology, jointly with South Dakota School of mines and Technology, USA at Sri Ramakrishna Engineering College on 08/02/2007.

Faculty Development Program attended (from recent)

- Undergone Innovation Ambassador Training(fundamental Level) conducted by MoE's Innovation Cell & AICTE during the period from 30th June-30th July in online mode.
- Attended ATAL online FDP on "Internet of Things (IoT)" from 04.01.2021 to 08.01.2021 organised by PSR Engineering college, Sivakasi.
- Attended ATAL Online FDP on "Biomedical signal processing", hosted by Thiagarajar from 14.12.2020 to 18.12.2020ja College of Engineering, Madurai
- Attended ATAL Online FDP on "Wearable Devices", hosted by Sri Ramakrishna Institute of Technology, Coimbatore from 30.11.2020 to 04.12.2020
- Participated in the FDP on, "Inculcating UHV in Technical education", organized by AICTE during 24.08.2020 to 28.08.2020.
- Participated in the FDP on "Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials" conducted by Indian Institute of Remote Sensing (IIRS),ISRO Dehradun, during 13-06-2020 to 01-07-2020.
- Participated 5-days Faculty Development Program (FDP) on "Renewable Energy Systems" organized by Department of Electrical and Electronics Engineering, RVS College of Engineering and Technology, Coimbatore from 01/06/2020 to 05/06/2020.
- Participated in the Faculty Development Programme on Scilab organized by St. Joseph's Institute of Technology with course material provided by Spoken Tutorial Project, IIT Bombay, during 25.05.2020 to 27.05.2020.
- Participated in the FDP on, "International FDP on "Research Challenges and innovations in Renewable Energy Systems" organized by Vinayaga Mission's Research Foundations in association with the Centre for Renewable Energy Technology - AVIT from 11.05.2020 to 16.05.2020.
- Participated in the FDP on, "Electric vehicle technologies", organized by IEEE Madras section from 06.05.2020 to 09.05.2020.
- Participated in the FDP on, "Geometry, Imaging and parallel Computing techniques for cancer treatment", conducted by National Institute of Technology, Calicut, 10.06.02019 to 15.06.20219.
- Participated in Anna University approved Seven days FDTP on "EC6501 – Digital Communication", at Sri Ramakrishna Institute of Technology Coimbatore-10 during 14.06.2018 to 21.06.2018.
- Participated in one day FDP on " Emerging trends in real time embedded processing using ARM Cortex MCU and Energia IDE tool", conducted by the Department of Electronics and Communication Engineering at SRIT, Coimbatore, on 23.09.2017.
- Participated in two week ISTE STTP on, "CMOS, mixed signal and radio frequency VLSI design", conducted by the Indian Institute of Technology, Kharagpur during 30th Jan. to 4th Feb. 2017.

- Participated in the Professor Summit on “Embedded System Design Using Atmel 8-bit and 32-bit MCU” at Coimbatore Institute of Technology, Coimbatore-14 during 19th and 20th April, 2016.
- Participated in one week short term course under QIP on “Embedded system design” at Coimbatore Institute of Technology, Coimbatore-14 from 23-11-2015 to 29-11-2015.
- Participated in one week Faculty Development Programme on “Signals and Systems” at Anna University Regional Centre, Coimbatore from 12-06-2013 to 18-06-2013.
- Participated in one week AICTE sponsored FDP on Advanced Control Strategies and Applications at Sri Ramakrishna Institute of Technology, Coimbatore-10 during 13.05.2013 to 26.05.2013.

Events Organized (from recent)

- Coordinator for the online FDP on “Recent Advancement and Research Challenges in Communication and Networking” during 07.06.2021 to 11.06.2021.
- Organised a webinar on, “Startup planning and Robotic Application”, on 30.04.2021.
- Organised a webinar on, “Circuit Simulation and Board design using EDA”, on 24.04.2021.
- Organised a webinar on, “Project Management for Engineers”, on 21.04.2021.
- Organised a webinar on, “Advances in Robotics”, on 17.03.2021.
- Coordinator for the”, International Web Conference on Innovative Engineering Technologies (IWC IET-2020)”, during 05.08.2020.
- Organised Key note addresses/talk on, “3 D scanning in Engineering: Opportunities and Challenges”, by Dr.Shazmin, UniMAP, Malaysia in the International Web Conference on Innovative Engineering Technologies (IWC IET-2020) during 05.08.2020.
- Organised Key note addresses/talk on, “The role / opportunities of computer hardware in hardware accelerated future”, by Mr. Marc Vaz, NVIDIA, Santa calura, USA in the International Web Conference on Innovative Engineering Technologies (IWC IET-2020) during 05.08.2020.
- Organised a webinar on “Big Data Analytics” during 16.06.2020.
- Organised a webinar on “High frequency PCB design issues” on 15.05.2020.
- Faculty Advisor for the organization of, “Cornucopia 2020: Technical Sysposium”, 14.02.2020.
- Organised a seminar titled, “Zero emission technologies: Electric Vehicles”, during, 26.09.2019.
- Organised a seminar “Innovation and creativity in new product development”, during 29.08.2019.
- Organized a webinar on, “Outcome based Education”, during 20.08.2019.

- Organised a seminar as a part of ASCONIC activity on “Importance of internship”, during 24.07.2019.
- Organised a seminar as a part of ASCONIC activity on, “Internet of Things”, on 09.01.2019.
- Faculty Advisor for the organization of, “Cornucopia 2019: Technical Symposium”, during 04.02.2019.
- Coordinator for arranging the Guest lecture on "Motivational Speech – Goal Setting", as a part of Intelligent Signal Processing Research Cluster (ISPRC) activity on 04.10.2018.
- Organised a seminar on, “Role of engineering and technology in drug industry”, on 09.08.2018.(Mr.Vibin Vijayakumar, Senior Director, Cytokinetics Inc, South Sanfrancisco, CA.)
- Organised a seminar as a part of ASCONIC activity on “Human brain:Learning Modalities and capabilities for sustained memory”, 25.07.2018.
- Organized a seminar on, “Trends in Silicon valley”, 18.07.2018. (Resource person: by Mr.Vivek hariharan, Tehnologist, Alphonso Inc,USA.).
- Organized a guest lecture as a part of ASCONIC activity on, “Importance of Yoga”, 28.09.2017.
- Coordinator for ISPRC(Intelligent signal processing cluster) and organized hands- on workshop under various themes for the first year students during Nov. 2017.
- Coordinator for the International Hands-on Workshop on “Expanding Prospects with ROS and IOT for Cloud Robotics”, during 10.09.2018 & 11.09.2018. (Experts from Unimap, Malaysia were invited to handle the hands-on session and was attended by around 120 participants).
- Coordinator for arranging the Guest lecture on "Motivational Speech – Goal Setting", as a part of Intelligent Signal Processing Research Cluster (ISPRC) activity on 04.10.2018.
- Coordinator for ISPRC(Intelligent signal processing cluster) and organized hands- on workshop under various themes for the first year students during Nov. 2017.
- Faculty advisor and helped the students in organizing the National level Technical symposium CORNUCOPIA 2K16 of ECE Department during (2016-'17).
- Faculty advisor and helped the students in organizing the National level Technical symposium CORNUCOPIA 2K14 of ECE Department during (2014-'15).
- Coordinator in organizing two week workshop (under National Mission on Education through ICT(MHRD) on “Signals and Systems” conducted by Indian Institute of technology Kharagpur through videoconferencing during 02/01/2014 to 12/01/2014.
- ECE Department association(ASCONIC) in-charge during the year(2008-'09) and arranged for seminars during the association periods.

- Acted as coordinator in organizing the two days MOES sponsored national seminar on wireless networks for rural applications at Sri Ramakrishna Institute of Technology during 10/10/2011 & 11/10/2011.
- Acted as one of the Executive Members in organizing the two days IETE sponsored seminar on “Modern Trends in Wired & Wireless Communication” during 29/12/2010 & 30/12/2010.
- Faculty advisor and helped the students in organizing the National level Technical symposium CORNUCOPIA 2K8 of ECE Department during (2008-'09).

Online Courses Completed

Sl. No.	Title	Platform
1.	Effective Writing	NPTEL
2.	NBA Accreditation and Teaching - Learning in Engineering (NATE)	
3.	Outcome based Learning	
4.	Internet of things	
5.	Digital systems	
6.	Microprocessor and microcontrollers	
7.	Let's break the chain of COVID-19 infection	Coursera & Tata Steels
8.	A.I. for everyone	
9.	Getting started with AWS machine learning	
10.	Machine learning	
11.	How to write and publish a scientific paper?(Project centered-course)	
12.	Science of exercise	
13.	Introduction to Google Docs	
14.	Create a Resume and Cover Letter with Google Docs	
15.	Project Management	
16.	MS office	
17.	Basic Metallurgy	
18.	Epidemics, pandemics and outbreaks	
19.	Machine Learning: Create a Neural Network that Predicts whether an Image is a Car or Airplane.	
20.	Google Ads for Beginners	
21.	“Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials (IIRS)	
22.	BEC course	

Awards and Recognitions Secured

- Recognized foreign examiner of UniMAP, Malaysia for thesis evaluation of scholars from September 2020.
- Recognized as one of the Advisory Committee members for the International Conference on Man Machine systems, ICOMMS 2019.

- Product titled, “High level Robot Programming using Hand gestures for Air Quality Monitoring in industries”, exhibited at the International Innovation, Creativity and Technology Exhibition(i2Create 2019) during April 12th -14th ,2019 Kuala Lumpur has been awarded with Silver Award. The same has been awarded with a special award by Norton University.
- Invited to be the Guest of Honour in the 6th National Women’s Day Awards ‘2019 and awarded with Distinguished Woman Educator & Scholar Award by the National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India during 8th Marh 2019.
- Ranked top 1% of the certified candidates and awarded with Gold category (100%) in the NPTEL online certification exam on Internet of things conducted by IIT Kharagpur during Apr 2019.
- Ranked top 1% of the certified candidates and awarded with Gold category (94%) in the NPTEL online certification exam on Digital circuits conducted by IIT Kharagpur during Oct 2018.
- Scored Elite(80%) in the NPTEL online certification exam in the 12 week course titled, “Microprocessor and Microcontrollers” during Jan 2018 conducted by IIT Kharagpur during Oct 2018.
- Received the Senior Educator & Scholar Award in the 9th National Teachers’ Day Awards 2018 from the National Foundation for Entrepreneurship Development (NFED), Coimbatore District, Tamil Nadu, India, on 05.09.2018.
- Recognition from London Journals Press - research paper has been downloaded about 3309 times and Franklin Member of London Journals Press.
- Received Best Senior Faculty Award from DK International Research Foundation – DKIRF Awards 2018 . Date: 27th May 2018.
- Received Dr. Radhakrishnan award for academic excellence on 26-01-2015 from SRIT Alumni Association at Sri Ramakrishna Institute of Technology, Coimbatore-10.
- Organizing committee member for various international conferences

Self-appraisal

Major Strengths

- Sincere and commitment towards task completion
- Dedication towards work and self confidence
- Capability to work in any environment

Major Weakness

- Slow in decision making
- Mentally weak
- Unable to work as a very strict leader

Signature