



# 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:**

**Ms. A. K. Kavitha ,B.E., M.E.**

Assistant Professor (Senior Grade)

Electronics and Communication Engineering



<b>Date of birth</b>	:	22.05.1984	<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Married
<b>Address for correspondence</b>	:	Flat No. 2B, Gowtham ABC Garden, Palayur, P.N.Palayam, Coimbatore - 37	<b>Permanent address</b>	:	2/2FA Sri Kavi Nivas, 1st Cross Sivasakthi Nagar, Anthiyur, Anthiyur (TK) Erode (Dt)- 638501
<b>Mobile no</b>	:	+91 99655 61439	<b>e-mail (official)</b>	:	kavitha.ece@srit.org
<b>Landline</b>	:	0422-3586872	<b>e-mail (personal)</b>	:	kavi4mtamil@gmail.com
<b>Date of joining</b>	:	03.12.2008	<b>Post of joining</b>	:	Lecturer
<b>No of promotions since D.O.J</b>	:	01	<b>Present post</b>	:	Assistant Professor (Senior Grade)
<b>Present pay scale</b>	:	Pay Band: Rs.15,600/- to Rs.39,100/- AGP: Rs.7,000/-	<b>Gross pay</b>	:	47,273.00
<b>Employee ID</b>	:	TE024	<b>Bank account No. (Salary credited)</b>	:	SB-500101010539173
<b>P.F. No</b>	:	TN/CBE/56764/372	<b>Group Insurance No</b>	:	170100/48/13/42/00001717dd
<b>PAN Number</b>	:	BONPK1307L	<b>Aadhar Number</b>	:	9049 2955 3967
<b>AICTE ID</b>	:	1-472438993	<b>AICTE Institution ID</b>	:	1-7841521

**Educational Qualification**

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.E. - ECE	2006	Sengunthar Engineering College , Tiruchengode	Anna University, Chennai.	I
PG	M.E.- Communication systems	2008	Bannari Amman Institute of Technology, Sathyamangalam	Anna University, Chennai.	I
Ph.D	Wireless Communication Networks	Pursuing	Anna University, Chennai.	Anna University, Chennai.	-
Others	-	-	-	-	-

**Registration for Ph.D. with area of interest: Wireless Communication Networks**

**Year of Ph.D. Registration: Jan 2017**

**Year of Ph.D. Completed: -**

**Thesis Title:** Analysis of Wireless Network Traffic and Optimization of Network Performance.

**Supervisor Recognition Number: Nil**

**Ph.D. Scholar Details**

S.No.	Name of the scholar	Registration details	College	Status
NA				

**Academic Experience**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology, Coimbatore.	Assistant Professor (Senior Grade)	01.10.2016	-	07	01	24
Sri Ramakrishna Institute of Technology, Coimbatore.	Assistant Professor (Redesignated)	01.08.2010	30.09.2016	06	02	00
Sri Ramakrishna Institute of Technology, Coimbatore.	Lecturer	03.12.2008	31.07.2010	01	07	29
<b>Total</b>				<b>14</b>	<b>11</b>	<b>22</b>

**Industrial Experience**

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Nil							
Total					0	0	0

**Courses Handled**

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	7	20EC024	RF & Microwave Communication	T	Ongoing
2023-2024	5	20HMG05	Professional Practice and Ethics	T	Ongoing
2022-2023	8	UECE117	Cognitive Radio	T	100
2022-2023	6	20EC022	Digital Communication Laboratory	L	100
2022-2023	7	UECC015	RF and Microwave Communication	T	100
2022-2023	5	20HMG05	Professional Practice and Ethics	T	100
2021-2022	6	UECE104	Biomedical Instrumentation	T	93
2021-2022	6	UECC014	Antennas and Wave Propagation	T	84
2021-2022	7	UECC015	RF and Microwave Communication	T	82
2021-2022	3	20ECE01	Electronic Measurements & Instrumentation (OE)	T	94
2020-2021	6	UECE104	Biomedical Instrumentation	T	80
2020-2021	6	UECC014	Antennas and Wave Propagation	T	76
2020-2021	5	UECC101	Telecommunication Switching and Networks	T	100
2020-2021	7	UECC015	RF and Microwave Communication	T	100
2019-2020	8	EC6802	Wireless Networks	T	100

2019-2020	6	UECC014	Antennas and Wave Propagation	T	100
2019-2020	7	EC6701	RF and Microwave Engineering	T	82
2019-2020	5	UECE104	Biomedical Instrumentation	T	97
2018-2019	6	EC6602	Antennas and Wave Propagation	T	84
2018-2019	6	MG6851	Principles of Management	T	96
2018-2019	7	EC6701	RF and Microwave Engineering	T	91
2018-2019	7	EC6702	Optical Communication Networks	T	87
2018-2019	7	EC6712	Optical and microwave Laboratory	L	96
2017-2018	6	EC6602	Antenna and Wave Propagation	T	78
2017-2018	7	EC6712	Optical and Microwave Laboratory	L	100
2017-2018	7	EC6701	RF and Microwave Engineering	T	84.4
2016-2017	6	EC6602	Antenna and Wave Propagation	T	82
2016-2017	4	EC6412	Linear Integrated Circuits Laboratory	L	100
2016-2017	7	EC2403	RF and Microwave Engineering	T	88
2016-2017	7	EC2405	Optical and Microwave Laboratory	L	100
2015-2016	PG-1	CU7002	MEMS and NEMS (Elective)	T	100
2015-2016	7	EC2402	Optical Communication and Networking	T	85
2015-2016	7	EC2405	Optical & Microwave Laboratory	L	100
2014-2015	PG-2	CU7202	MIC & RF System Design	T	67
2014-2015	2	IT6212	Digital Laboratory	L	100
2014-2015	PG-2	CU7002	MEMS and NEMS (Elective)	T	100
2014-2015	PG-1	CU7111	Communication Systems	L	100

			Laboratory		
2014-2015	PG-3	CU7007	Internetworking Multimedia (Elective)	T	100
2013-2014	5	EC2021	Medical Electronics (Elective)	T	76
2013-2014	PG-1	CU7002	MEMS and NEMS (Elective)	T	100
2013-2014	PG-1	CU7111	Communication Systems Laboratory	L	100
2013-2014	PG-3	NC7101	High Speed Networks (Elective)	T	100
2012-2013	7	AUT-CBE	Microwave Engineering	T	83
2012-2013	7	AUT-CBE	Optical and Microwave Lab	L	100
2012-2013	6	AUT-CBE	Antennas and Wave Propagation	T	76
2012-2013	6	AUT-CBE	Analog and Digital Communication Systems Laboratory	L	100
2011 - 2012	8	AUT-CBE	Telecommunication Switching and Networks	T	100
2011 - 2012	8	AUT-CBE	Modeling and Simulation Lab	L	100
2011 - 2012	5	AUT-CBE	Computer Networks	T	98
2010 - 2011	8	AUT-CBE	Cellular and Mobile Communication	T	91
2010 - 2011	6	AUT-CBE	Microprocessor & Microcontroller laboratory	L	92
2009 - 2010	8	AUT-CBE	Professional Ethics and Human Values	T	98
2009 - 2010	6	AUT-CBE	Analog and Digital Communication Systems Laboratory	L	96
2009 - 2010	5	AUT-CBE	Communication Theory	T	93
2009 - 2010	7	AUT-CBE	Optical & Microwave Lab	L	100

### Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-2023	8	IOT Based Smart Traffic Management System	UG
2022-2023	8	Microcontroller Based Human Detection Robot	UG
2021-2022	8	Design and Implementation of Smart Cart	UG
2021-2022	8	Smart Slippers For Women Safety	UG
2021-2022	8	Design and Implementation of Wireless Anti-Poaching Alarm System	UG
2019-2020	8	Vertical Handoff Using LTE	PG
2019-2020	8	Design and Implementation of Wireless Anti-Poaching Alarm System	UG
2018-2019	8	Intelligent Life Assist Motion Control for Fishermen	UG
2018-2019	8	Design And Implementation of Finger Movement Based cursor Control System	UG
2017-2018	8	Smart, Public Buses Information System	UG
2016-2017	8	Blind Indoor Navigation System Using Li-Fi Technology	UG
2015-2016	8	Vibration Warning System for Human Handling Percussion Machines.	UG
2014-2015	8	Design and Implementation of NG-SDH using Dynamic Flow based bandwidth management scheme.	PG
2014-2015	8	Automatic Vehicle Identification To Detect Theft Vehicle Using RFID	UG
2013-2014	8	Intelligent bus tracking and implementation in FPGA	UG
2012-2013	8	Early cancer detection with Spectral Scattering Technique	UG
2011-2012	8	Detection of Human heart beat through a barrier using X-band Radar	UG
2010-2011	8	Variable input CMOS logic for power Design	UG

2009-2010	8	A new image fusion Scheme based on Mallet Algorithm	UG
2008-2009	8	Design and implementation of FFT Using FPGA	UG

### Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	02	19
Conferences	01	08

### Journal Publications

1. A. K. Kavitha and S.Mary Praveena, "Deep learning model for traffic flow prediction in wireless network", Automatika, Journal for Control, Measurement, Electronics, Computing and Communications, Volume 64 (4), Pages 848-857, June 2023. (AU - A-I), Published by Taylor & Francis Ltd., Croatia.
2. Kavitha A.K., Hariharan S, Aswin R. A, Muhamed Afridh I, "Automatic Accident Detection, Ambulance Rescue and Traffic Signal Controller", Journal For Basic Sciences (An UGC Care Group – II Approved Journal), Volume 23 (3), Pages 872-881, March 2023, ISSN No. 1006-8341.
3. A.K. Kavitha, K. Naveena, S. Pooja, C.G. Shreenidhi, IoT based Garbage Monitoring System, in International Research Journal of Engineering and Technology (IRJET) Volume 9, Issue 1, January 2022.
4. A.K.Kavitha, M.Keerthanah, K.B.Bhavya, J.Janani, Microcontroller based Human Detection Robot, International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 12, December 2021.
5. A.K.Kavitha, K.Naveena, S.Pooja, C.G.Shreenidhi, Published a paper titled, "Implementation of Early Flood Detection and Avoidance System Using LoRa", in the International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 05, pp: 01-06, May 2021.
6. Kavitha.A.K, Keerthanah.M, Bhavya.K.B, Janani.J, "Signature Forgery Detection Using CNN", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 08 Issue: 05, May 2021.
7. Kavitha A K, Dharshini P, Jeya Praveena G, Lithiya Devi M, Smart Cart Technique for Elderly" International Research Journal of Modernization In Engineering Technology And Science (IRJMETS), Volume 3, Issue 3, March 2021, Impact Factor 5.354.

8. Kavitha A K, Nithyasree G, Nivedha B, Vaishnavi S, "Design and Implementation of Smart Slippers for Women Safety", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 08, Issue: 03, PP: 1778-1780, Mar 2021.
9. S.Mary Praveena ,A.K.Kavitha, R.Kanmani," A Neuro Fuzzy Image Fusion using Block based Feature Level Method", International Journal of Informatics and Communication Technology, Volume 9, Issue 3, December 2020.
10. Kavitha.A.K, Sneha.S, Savitha.T, Nithya.V, "Design and Implementation of Wireless Anti-Poaching Alarm System", International Journal of Engineering Sciences & Research Technology, Volume 9, issue 2, pp: 119-123, May, 2020, Indexed by Thomson Reuters, Impact Factor 5.164.
11. A.K.Kavitha, R.Vanitha, "Analysis of QOS Based Vertical Handoff Scheme for WiMAX/WLAN", International Journal of Engineering Sciences & Research Technology, Volume 9, issue 2, pp: 119-123, February, 2020, indexed by Thomson Reuters, Impact Factor 5.164.
12. A. K. Kavitha, Dr. S. Mary Praveena, "Wireless Network Traffic Monitoring and Analysis - A Survey", International Journal of Current Engineering and Scientific Research, Volume VI, Issue II, 2019, ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697.
13. A.K. Kavitha, Aiswarya S, Hari Preethi G, Madhumitha K, "Intelligent Life Assist Motion Control for Fishermen", Iconic Research And Engineering Journals, Volume 2, Issue 10, April 2019, pp; 292-295 ISSN: 2456-8880.
14. A.K. Kavitha, S. Preethi, R. Sonya Priya, K. Theri Priya, "Finger Movement Based Cursor Control System", Iconic Research And Engineering Journals, Volume 2, Issue 10, April 2019, pp; 296-299 ISSN: 2456-8880.
15. A.K. Kavitha, "IoT Based Advanced Rescue Management System" in International Journal of Advanced Research Trends in Engineering and Technology, (IJARTET), Volume 4, Issue 5, May 2017.
16. A.K. Kavitha, Ayyappadas R "Weather Monitoring System Using Wireless Communication" in International Journal of Science and Engineering Research (IJOSER), Volume 5, Issue 4, April 2017.
17. A.K. Kavitha, "Performance Analysis of Adaptive Algorithms in Future Cellular Networks" in International Journal of Advanced Computing and Communication Systems (IJACCS), Volume 4, Issue 1, March 2017.
18. A.K. Kavitha, "Performance Analysis of SDH Network Management System using DWDM Technique" in International Journal of Engineering Technology Science and Research (IJETSR) Volume 2, Issue 11, November 2015.
19. A.K. Kavitha, "Implementation of SDH network and analyzing the issues by measuring the QoS" in International Journal of Digital Communication and Networks (IJDCN) Volume 2, Issue 2, February 2014.



20. A.K. Kavitha, "Intelligent bus Tracking and implementation in FPGA" in Journal of Information Engineering and Applications, volume 4, Issue 3, 2014.
21. A.K. Kavitha, "Early cancer detection with spectral scattering technique" has been published in the International Journal of Engineering and Innovative Technology (IJEIT), Volume 2, Issue 7, January 2013.

### **Conference Publications**

1. Dr .S. Mary Praveena, Kavitha A K, Kanmani R, presented a paper titled , "Analysis and Identification of Tumor Cells In MRI and CT Images Based On Nanotechnology Using Neuro Fuzzy Image Fusion", 1st International Conference of Science, Engineering and Technology Rainbow Paradise Beach Resort, Pulau Pinang, Malaysia, February 2020.
2. A.K.Kavitha, "Performance Analysis of SDH Network Management System using DWDM Technique" in International Conference on Latest trends in Engineering Science and Management, organized by Conference info and Academic Science through Video Conferencing on 22nd November 2015.
3. A.K.Kavitha, "Design of wavelet based image fusion using ATrous algorithm" in the "2nd International Conference on Devices, Circuits and Systems (ICDCS'14) held from 6th to 8th March 2014 at Karunya University, Coimbatore.
4. Dr .S. Mary Praveena, A.K.Kavitha, "Investigation on Multi-focus images using block based feature level method" in the "Third International Conference on Advances in Computing and Communications (ACC-2013)" held at Rajagiri School of Engineering and Technology, Kerala in association with IEEE Kerala section during August 29- 31 of 2013.
5. A. K. Kavitha "IoT Based Industrial Monitoring System", in National Conference on Emerging Technology in Computing Sciences (NCETCS'17 at SNS College of Technology, in March 2017.
6. A. K. Kavitha , "Detection of Human behind the barrier using an X-band radar" in the Fourth National Conference on Communication, Computation, Control and Automation (CCCCA 2014) held from 28-29 March 2014.
7. Presented a paper titled "Dispersion effects and splitting loss analysis on 10 Gbps TDM-PON" in the "National Conference on Electronics Systemics and Cybernetics" held on 1st March 2008 at PSNA College of Engineering and Technology, Dindigul.
8. A. K. Kavitha, " Q-Factor and bit error rate analysis on 10 Gbps TDM-Passive optical Network" in the "Third National Conference on Signals, Systems and Security" held at Bannari Amman institute of Technology, Sathyamangalam on 28 and 29 of February 2008.

9. A. K. Kavitha, "Downstream Link power estimation on 10 Gbps TDM-PON for DBA scheme" in the International Conference on Systemics, Cybernetics and Informatics" held at Pentagram Research Center, Hyderabad from 02-05 January 2008.

#### **Books / Book Chapters (IEEE format)**

1. Dr.S.Mary Praveena, A.K.Kavitha, R.Kanmani, "Optical Amplifiers in Broadcast Networks" IN the book titled Optical Amplifiers, Intec Open Limited, London, ISBN 978-953-51-5950-6.
2. Dr.S.Mary Praveena, A.K.Kavitha and R.Kanmani, Published a book chapter titled "Optical Amplifiers in Broadcast Networks", in the book titled "Research Trends in Multidisciplinary Research, Volume 8, 2019, Akinik Publications, New Delhi.
3. Dr.H.Mangalam, Dr.S.Mary Praveena, Ms.R.Kanmani, Ms.A.K.Kavitha and Mr.V.Ganesh, published a lab manual titled "Optical and Microwave Laboratory", Notion Press 2019.

#### **Sponsored Research**

Project Title	Funding Agency	Amount Rs.	Duration
Design and implementation of NG-SDH using Dynamic Flow based bandwidth Management Scheme	BSNL, Regional Telecom Training Center, Maraimalai Nagar, Chennai - 209	-	2014-2015

#### **Consultancy**

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

#### **Workshops / Seminars attended**

#### **Faculty Development Program attended (from recent)**

1. Attended International Faculty Development Programme on "Recent Trends in Semiconductor Industry and its impact on VLSI Design", organized by the department of Electronics and Communication Engineering from 16<sup>th</sup> to 22<sup>nd</sup> November 2023 at Sri Ramakrishna Institute of Technology, Coimbatore.

2. Attended Faculty Development Programme on “Outcome-based Competency Focused Curriculum”, organized by the Internal Quality Assurance Cell, from 28.09.2023 to 30.09.2023 at Sri Ramakrishna Institute of Technology, Coimbatore.
3. Participated in the Five - Days online Faculty Development Programme on “Research Paper writing, Proposal drafting, and Patenting Strategies”, organized by the Department of CST, MITS from 22-05-2023 to 26-05-2023 at Madanapalle Institute of Technology & Science, (UGC-Autonomous Institution), Chittor, Andra Pradesh.
4. Participation in a Three-day online Faculty Development Programme on “Emerging Trends in Electronics and Computer Engineering” organized by the Department of ECE during October 27 - 29, 2022 in Association with NSRIT - IETE Students' Chapter.
5. Attended five days online FDP on “Machine Learning and IoT Applications in VLSI Design”, organized by the department of Electronics and Communication Engineering, S.E.A. College of Engineering and Technology, Bangalore from 10<sup>th</sup> to 14<sup>th</sup> of May 2022.
6. Participated in the 5-Days National Level Online Faculty Development Program on “Multidimensional Skill set of Current Generation of Teaching Professionals”, from 14th June 2021 to 18th June 2021, organized by the Department of Information Technology, Prathyusha Engineering College, Chennai.
7. Participated in the Five days FDP on “Recent Advancement and Research Challenges in Communication and Networking” organized by Department of Electronics and Communication Engineering of Sri Ramakrishna Institute of Technology, Coimbatore during June 07 - 11, 2021.
8. Attended Faculty development program on “Deep Learning Application-Design Development and Deployment in IOT Edge”, Organized by department of ECE, SRM TRP Engineering college from 27.05.2020 to 29.05.2020.
9. Participated & successfully completed the AICTE Training And Learning (ATAL) Academy Online FDP on “Sensors Technology” from 1<sup>st</sup> to 10<sup>th</sup> of October 2020 at NIT Jamshedpur.
10. AICTE Sponsored 5 days ATAL FDP on “Innovation in Medical Devices and Impact of Internet of Things in Telehealth in Rural India” ONLINE Mode 14.09.2020 to 18.09.2020.
11. Participated in the six days Faculty Development Program on “Recent Trends in Antennas” organized by IEEE Antennas & Propagation society (Madras Section) in association with Sathyabama Institute of Science and Technology, Chennai, from 07.09.2020 to 12.09.2020.

12. Attended a short term training programme on “High Performance Intelligent Real Time System Design and Internet of things to accelerate automation system into autonomous system”, organized by the department of Electronics and Communication Engineering, R.M.K. Engineering College from 1<sup>st</sup> to 7<sup>th</sup> of September 2020.
13. Participated in the five days Online Faculty Development Program on “Recent Trends in Biomedical Application - RETREBIMA20” organized by the department of Biomedical Engineering in association with BMESI at Karunya Institute of Technology and Sciences, Coimbatore, during 13<sup>th</sup> to 17<sup>th</sup> July 2020.
14. Participated in the five days Online Faculty Development Program on “Recent Advances in Biomedical Applications and Communication Networks”, organized by the Department of Electronics and Communication Engineering, GRM Institute of Technology, Kakinada, from 13<sup>th</sup> to 18<sup>th</sup> July 2020.
15. Successfully completed the one week online faculty Development Programme on “Empowerment through Digital Technology and E-Learning /methodologies”, conducted by the department of Electrical and Electronics Engineering, Noida Institute of Engineering and Technology, Greater Noida during 7<sup>th</sup> to 12<sup>th</sup> July 2020.
16. Attended the Five Days Faculty Development Program (FDP) on “Recent Trends in Information and Communication Systems (RTICS 2020)” organized and conducted online by the Department of Electronics and Communication Engineering held at Karpagam College of Engineering during 16<sup>th</sup> June to 20<sup>th</sup> June 2020.
17. Participated in Virtual Faculty Development Program on “Neural Networks and Deep Learning using Python”, held from 1<sup>st</sup> to 5<sup>th</sup> June 2020, organized by the School of Computing and Information Technology, REVE University, Bengaluru.
18. Participated in six days online FDP on “Research Perspectives in Medical Image Processing” organized by the Department of Biomedical Engineering & Department of Electronics and Communication Engineering, Kalaingar karunanidhi Institute of Technology, Coimbatore from 10<sup>th</sup> -15<sup>th</sup> June, 2020.
19. Attended the Five Days virtual Faculty Development Program (FDP) on “EC8701-Antennas and Microwave Engineering” organized and conducted online by the Department of Electronics and Communication Engineering in association with IEEE and IETE, Saveetha Engineering College, from 22<sup>nd</sup> to 26<sup>th</sup> of June 2020.

20. Attended NPTEL – AICTE FDP on “Leadership”, July – August, 2019, funded by MHRD, Govt. of India.
21. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics" from 11-06-2020 to 15-06-2020 at College of Technology and Engineering, Udaipur.
22. Attended TEQIP-3 sponsored 7 days Faculty Development Programme titled “Emerging Network Technologies and Tools – Research Perspective”, organized by PSG College of Technology, Coimbatore from 07.06.2019 to 13.06.2019.
23. Attended one week short term course under QIP on “Advancements Wireless Technologies – 4 G & Beyond” organized by the Department of ECE from 1<sup>st</sup> to 7<sup>th</sup> of December 2014 at Coimbatore institute of Technology, Coimbatore.
24. Attended the AICTE sponsored Faculty Development programme on “Advanced Control strategies and Applications” hosted by the department of Electrical and Electronics Engineering, from 13 to 26 of May 2013 at Sri Ramakrishna Institute of Technology, Coimbatore.
25. Attended the Faculty Development Training Programme on “EE-9254 – Digital Signal Processing” at Bannari Amman Institute of Technology, Sathyamangalam, from 3<sup>rd</sup> to 9<sup>th</sup> of December 2012 sponsored by Center for Faculty development, Anna University, Chennai.

## **Events Organized**

### **Conference**

1. Coordinated in organizing the AICTE Sponsored International E-Conference titled “Global Summit on Engineering and Technology (GSET-2020)”, organized by the department of ECE, Sri Ramakrishna Institute of Technology, Coimbatore on 05.11.2020.
2. Coordinated in organizing the International Web Conference on “Innovative Engineering Technologies – 2020 (IWC-IET 2020), jointly organized by the departments of ECE & EEE, Sri Ramakrishna Institute of Technology, Coimbatore on 5th August 2020.
3. Coordinated in organizing the AICTE Sponsored International E-Conference titled “Global Summit on Engineering and Technology (GSET-2020)”, organized by the department of ECE, Sri Ramakrishna Institute of Technology, Coimbatore on 05.11.2020.

## **FDP**

1. Co-coordinated in organizing AICTE Sponsored online FDP on “Research challenges and issues in Wireless Communication and Networks” (in three Slot3), during 22.02.2021–07.03.2021.
2. Co-coordinator in organizing the AICTE – ATAL FDP on “Wearable Devices”, conducted by department of ECE, Sri Ramakrishna Institute of Technology, Coimbatore from 30.11.2020 to 04.12.2020.
3. Co-coordinator in organizing One Week AICTE Sponsored Short Term Training Programme on “Design, Fabrication and Testing of Antenna and Design Issues in Modern Antennas”, 4-9 November, 2020.

## **Workshops**

1. Organised a workshop titled “Workshop on SimSmith tool for RF Circuit Analysis

## **Seminars**

1. Organized a Webinar Titled, “Impact of COVID-19”, on 03.06.2020.
2. Organized a Webinar Titled, “Embedded with IoT”, in association with Gateway Software Solutions, on 09.06.2020.
3. Organized a Webinar Titled “Simulation of Microstrip Antenna Using HFSS” on 14.05.2021.

## **Online Courses Completed**

Sl. No.	Title	Platform
1.	Accreditation and Outcome based Learning	NPTEL
2.	Leadership	NPTEL
3.	Antennas	NPTEL
4.	The Bits and Bytes of Computer Networking	Coursera
5.	Cybersecurity and Mobility	Coursera
6.	COVID	Coursera
7.	Wireless Communications for Everybody	Coursera
8.	Introduction to Kubernetes	Skillup by Simplilearn
9.	Introduction to Artificial Intelligence	Skillup by Simplilearn
10.	Business Analytics with Excel	Skillup by Simplilearn
11.	Machine Learning	Skillup by Simplilearn
12.	Deep Learning for Beginners	Skillup by Simplilearn
13.	BEC	-

## **Awards and Recognitions Secured**

- Received Dr. Radha Krishnan Award from Alumni Association of SRIT in 2019.

**Self-appraisal****Major Strengths**

1. Dynamic
2. Meticulous & Hardworking
3. Trustworthy

**Major Weakness**

1. No funding
2. Flexible
3. Perceptive & Kind Hearted

**Signature**