



# 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

**Ms.N.Savithaa B.E.,M.E.,**

**Assistant Professor**

**Electronics and Communication Engineering**



<b>Date of birth</b>	:	04.02.1993	<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Married
<b>Address for correspondence</b>	:	102 A,Sedan Thottam, G.N.Mills, Coimbatore-29	<b>Permanent address</b>	:	102 A,Sedan Thottam, G.N.Mills, Coimbatore-29
<b>Mobile no</b>	:	9994900328	<b>e-mail (official)</b>	:	savithaa.ece@srit.org
<b>Landline</b>	:	-	<b>e-mail (personal)</b>	:	savithaa04@gmail.com
<b>Date of joining</b>	:	07.06.2019	<b>Post of joining</b>	:	Assistant Professor
<b>No of promotions since D.O.J</b>	:	NIL	<b>Present post</b>	:	Assistant Professor
<b>Present pay scale</b>	:	Rs.16248	<b>Gross pay</b>	:	Rs.33340
<b>Employee ID</b>	:	1443	<b>Bank account No. (Salary credited)</b>	:	500101012226709
<b>P.F. No</b>	:	TN/CBE/56764/10884	<b>Group Insurance No</b>	:	
<b>PAN Number</b>	:	EHQPS9491L	<b>Aadhar Number</b>	:	482313500050
<b>AICTE ID</b>	:	1-7344663399	<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	ECE	2015	Sri Shakthi Institute of Engineering and Technology	Anna University	First Class
PG	VLSI Design	2017	Sri Ramakrishna Engineering College	Anna University	First Class with Distinction

**Registration for Ph.D. with area of interest:**

Registered on July 2023 session titled ““Investigations on Reconfigurable Truncation based Efficient Approximate Multipliers for Image Blending Applications”.

**Year of Ph.D. Registration: 2023**

**Academic Experience**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Assistant Professor	07.06.2019	Till Date	4	5	18
SNS College of Technology	Assistant Professor	12.06.2017	27.12.2017		06	15
<b>Total</b>				<b>4</b>	<b>11</b>	<b>33</b>

**Industrial Experience**

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

**Courses Handled**

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2022-23	VII	UECG001	Electronic Measurements	T	90.90%
2022-23	III	20ECG02	Digital Principles and System Design	T	78.67%

2021-22	VI	UECC104	Principles of Satellite Communication	T	85.71%
2021-22	V	UCSG013	Principles of Microprocessors and Microcontrollers	T	100%
2020-21	VI	UECC104	Principles of Satellite Communication	T	100%
2020-21	III	UICE006	Digital Principles and System Design	T	100%
2019-20	IV	UECC006	Communication Theory	T	100%

### Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-2023	VIII	Control of Robotic Arm using Computer Vision	UG
2022-2023	VII	Automatic Car Wiper System	UG
2021-2022	VIII	IoT Based Nautical Tracking System	UG
2021-2022	VII	Intelligent Medicine Box for Medication Management using IoT	UG
2020-2021	VIII	Water Level Monitoring System Using IoT	UG
2020-2021	VIII	Smart Car Parking System Using IoT	UG
2019-2020	VIII	Microcontroller based Smart Helmet using GSM and GPRS	UG

### Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	-	4
Conferences	2	-

### Journal Publications (IEEE format)

- Ms Savithaa N , Bibin Francis V , Mohammed Haaris, Kavin M, “Control Of Robotic Arm Using Computer Vision”, International Journal of Scientific Research in Engineering and Management, Volume 07, Issue:4(2023).

2. N. Savithaa, P. Savitha, S. Trisha, C. Subhashree,” IoT Based Nautical Tracking System”, International Research Journal of Engineering and Technology (IRJET), Volume: 09,Issue: 05,pp 385-387,(2022).
3. N. Savithaa , P. Savitha , S. Trisha , C. Subhashree,” Intelligent Medicine Box for Medication Management using IoT”, International Research Journal of Engineering and Technology (IRJET), Volume: 08,Issue: 12,pp. 1390-1392,(2021).
4. N. Savithaa, S.R. Raveena, T. Sindhu, R. Puja Pal, “Smart Car Parking System Using IoT”,International Research Journal of Engineering and Technology (IRJET), Vol. 08,Issue 03,pp. 1240-1244,(2021).
5. Savithaa N, Jayapriya J, Kaviya S, Ranjani P, “Water Level Monitoring System Using IOT”, IJSRD - International Journal for Scientific Research & Development,Vol. 9, Issue 1,pp. 368-371,(2021).

#### Conference Publications (IEEE format)

1. Poornima, N. Savithaa,” Classification of Pathological and Non Pathological Murmur based on Priori Knowledge of Heart sound”, IEEE Madras Section Conference (MASCON),(2021).
2. N. Savithaa, A. Poornima,” A High speed Area Efficient Compression technique of Dadda multiplier for Image Blending Application”, Third International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud),(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. Participated in webinar on “Overview of Radar Signal Processing” organized by Ramco Institute of Technology, Rajapalayam on 12.06.2020.
2. Participated in webinar on “Cyber Security” organized by Ramco Institute of Technology, Rajapalayam on 11.06.2020.
3. Participated in webinar on “Multilevel Inverter” organized by Ramco Institute of Technology, Rajapalayam on 10.06.2020.

4. Participated in ICMR sponsored one day workshop on “Nano Antennas for Cancer Detection” organized by Coimbatore Institute of Technology, Coimbatore from 27.06.2019 to 28.06.2019.

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

1. Attended FDP on Outcome based Education for Inductee Teachers organized by Sri Ramakrishna Institute of Technology, Coimbatore from 02.01.2023 to 06.01.2023.
2. Attended AICTE Online FDP on Inculcating Universal Human Values in Technical Education from 16.08.2021 to 20.08.2021.
3. Attended ATAL Online FDP on Wearable Devices at Emerging Trends in Internet of Things at Acropolis Institute of Technology and Research - AITR from 07.06.2021 to 11.06.2021.
4. Attended ATAL Online FDP on Wearable Devices at Sri Ramakrishna Institute of Technology, Coimbatore from 30.11.2020 to 04.12.2020.
5. Attended AICTE Sponsored one week Short Term Training Programme on Ingraining Wisdom for Engineering the Education held at KIT-Kalaingar karunanidhi Institute of Technology, Coimbatore from 16.11.2020 to 21.11.2020.
6. Attended AICTE Sponsored six days Short Term Training Programme on Predictive Analytics and Machine Learning using R Programming and KNIME held at Hindusthan College of Engineering and Technology, Coimbatore from 12.10.2020 to 17.10.2020.
7. Attended AICTE Sponsored six days Short Term Training Programme on High Performance Intelligent Real Time Embedded System Design and Internet of Things to accelerate automation system into autonomous system held at R.M.K Engineering College, Tiruvallur from 01.09.2020 to 07.09.2020.
8. Attended AICTE Sponsored Two weeks Short Term Training Programme on Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks held at Erode Sengunthar Engineering College, Erode from 17.08.2020 to 29.08.2020.
9. Attended AICTE Sponsored six days Short Term Training Programme on TABLEAU – Data Visualization Tool For Researchers held at IFET College of Engineering, Villupuram from 27.07.2020 to 01.08.2020.
10. Attended AICTE Sponsored STTP on Computer Aided Design for VLSI organized by PSG College of Technology, Coimbatore from 11.11.2019 to 16.11.2019.

#### **Events Organized**

##### **FDP**

1. Organized AICTE Sponsored FDP titled “Research Challenges and Issues in Wireless Communication and Networks” Slot-1 during 25.01.2021 to 07.02.2021.

**Seminars**

1. Organized a Guest Lecture on “Career Opportunities in IT” for II and III year students at Sri Ramakrishna Institute of Technology” on 17.02.2023.
2. Organized a webinar on “Soft Skills-Life Skills” for II and III year students at Sri Ramakrishna Institute of Technology” on 22.10.2021.
3. Organized 5-Day webinar series on “Design Thinking” during 27.05.2020 to 31.05.2020.
4. Organized a Guest Lecture on “ICT Career Exposure” for III year students at Sri Ramakrishna Institute of Technology” on 25.02.2020.

**Online Courses Completed**

Sl. No.	Title	Platform
1.	VLSI Design Flow: RTL to GDS	NPTEL
2.	Module 8- Institutional Management & Administrative Procedures	NITTT
3.	Module 7- Creative Problem Solving , Innovation and Meaningful R & D	NITTT
4.	Module 6- Student Assessment and Evaluation	NITTT
5.	Module 5- Technology Enabled Learning & Life Long Self Learning	NITTT
6.	Module 4- Instructional Planning and Delivery	NITTT
7.	Module 3-Communication Skills, Modes & Knowledge Dissemination	NITTT
8.	Module 2-Professional Ethics & Sustainability	NITTT
9.	Module 1-Orientation towards Technical Education and Curriculum Aspects	NITTT
10.	Digital Circuits	NPTEL
11.	Accreditation and Outcome Based Learning	NPTEL

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

- Go getter
- Team Player
- Communication

**Major Weakness**

- Taking too much of responsibilities

**Signature**