



# Sri Ramakrishna Institute of Technology

(An Autonomous Institution)


(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

[www.srit.org](http://www.srit.org) :: Phone – 0422-2605577



## Faculty Profile

<b>Ms.A.Poornima</b> <b>Assistant Professor,</b> <b>Electronics and Communication Engineering.</b>					
Date of birth	:	16.08.1994	Gender	:	Female
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	SRIT Staff quarters, Coimbatore-641010	Permanent address	:	430,P.K Pudhur, Annur-mettupalayam(post), Annur, Coimbatore-641653
Mobile no	:	9003869362	e-mail (official)	:	poornima.ece@srit.org
Landline	:	-	e-mail (personal)	:	poornima1093@gmail.com
Date of joining	:	06.06.2019	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	Nil	Present post	:	Assistant Professor
Present pay scale	:	Rs.16248	Gross pay	:	Rs.33340
Employee ID	:	1442	Bank account No. (Salary credited)	:	500101012226730
P.F. No	:	TN/CBE/56764/10880	Group Insurance No	:	
PAN Number	:	BYJPP3247C	Aadhar Number	:	932347605937
AICTE ID	:	1-7344718865	AICTE Institution ID	:	1-7841521

**Educational Qualification**

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2016	INSTITUTE OF ROAD AND TRANSPORT TECHNOLOGY	ANNA UNIVERSITY	FIRST CLASS
PG	APPLIED ELECTRONICS	2018	GOVERNMENT COLLEGE OF TECHNOLOGY-COIMBATORE	ANNA UNIVERSITY	FIRST CLASS

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

Year of Ph.D. Registration:

Year of Ph.D. Completed:

Thesis Title:

Supervisor Recognition Number: Nil

**Ph.D. Scholar Details**

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

**Academic Experience**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Assistant Professor	06.06.2019	-	4	4	18
Total				4	4	18

**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
2022-2023	II	20ECG01	Electric Circuits	T	89%
2022-2023	III	20ECE01	Electronic Measurements and Instrumentation	T	89%
2022-2023	III	20EC005	Analog Electronics Laboratory	L	100%
2021-2022	VI	UECC102	Optical Communication	T	91%
2021-2022	III	20ECE01	Electronic Measurements and Instrumentation	T	100%
2020-2021	VI	UECC102	Optical Communication	T	96%
2020-2021	III	UECC002	Signals and Systems	T	72%
2019-2020	IV	UECC006	Communication Theory	T	100%
2019-2020	I	UICE015	Engineering Workshop Lab	L	100%
2019-2020	V	UEEC008	Digital Signal Processing	T	89%

### Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-23	VIII	Smart Canteen Management System	UG
2021-22	VII & VIII	Automated Blood Bank System	UG
2021-22	VII & VIII	Raspberry Pi Based Vehicle Anti-Theft System By Face Recognition	UG
2021-22	VII	Safety System For Sewage Workers	UG
2020-21	VIII	Smart E-Ticketing System For Public Transport Using RFID And Sensors	UG
2020-21	VIII	Advanced Forest Conservation Against Wildfire, Deforestation And Endangered Species Detection System	UG
2020-21	VII	Smart Shoe-A Portable Power Generation For Mobile Charging	UG

### Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	-	5
Conferences	2	-

**Journal Publications (IEEE format)**

1. A.Poornima, Indhumathi K, Harini R “Smart canteen management system” , International Journal of Scientific Research in Engineering and Management, Vol. 7, Issue 3,pp. 10.55041/IJSREM18113,(2023).
2. A.Poornima, Vaishali R, Subhiksha M, Yalini S “Automated blood bank system” , International Research Journal of Engineering and Technology, Vol. 7, Issue 3,pp. 10.55041/IJSREM18113,(2023).
3. A.Poornima, Vaishali R, Subhiksha M, Yalini S “Safety System for Sewage Workers” , International Research Journal of Engineering and Technology, Vol. 8, Issue 12,pp. 10.55041/IJSREM18113,(2023).
4. A.Poornima, Sathishkumar J, Tamilselvan R, Vignesh M “Raspberry Pi Based Vehicle Anti-Theft System By Face Recognition” International Journal of Research and Analytical Reviews, Vol. 9, Issue 2, Page No pp.117-121, April 2022.
5. A.Poornima, Nagapriya B, Krithika B, Gayathri K, Anushreega “Advanced Forest Conservation Against Wildfire, Deforestation And Endangered Species Detection System” International Research Journal of Modernization in Engineering Technology and Science Vol. 3, Issue 3, March-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) .

**Books / Book Chapters (IEEE format): Nil****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 Amrita - Hebeon Online Webinar cum Workshop on "Data Science using Python" for faculty members using Microsoft Teams Platform Organized by Amrita College of Engineering and Technology, during 17th June 2020 to 25th June 2020.
2. Attended one day seminar on "Recent trends in Antenna Design using CAD tool" held at Kumaraguru college of Technology on 12th June, 2020.
3. Attended TNSCST Sponsored two days' workshop on "Intellectual Property Rights (IRP) conducted by Mohamad Sathak AJ College of Engineering during 2nd to 3rd June 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 Online FDP on "Recent Research Issues on Digital Image Processing" during 23rd to 27th May 2022.
2. Attended ATAL Online FDP on "Smart Sensors Based Industrial Automation and Healthcare Technology" held at P.S.R Engineering College during 2021-06-07 to 2021-06-11.
3. Attended ATAL Online FDP on Wearable Devices at Sri Ramakrishna Institute of Technology during 30th November to 4th December 2020.
4. Attended AICTE Sponsored one week Short Term Training Programme on Ingraining Wisdom for Engineering the Education held at KIT-Kalaignar Karunanidhi Institute of Technology, Coimbatore during 16th to 21st November 2020.
5. Attended AICTE Sponsored six days Short Term Training Programme on Predictive Analytics and Machine Learning using R Programming and KNIME held at Hindustan College of Engineering and Technology, Coimbatore during 12th to 17th October 2020.
6. Attended AICTE Training and Learning (ATAL) Academy online six days FDP on "Sensor technology" during 7th to 11th September 2020.
7. Attended AICTE sponsored STTP on "Computer Aided Design for VLSI" held at PSG College of Technology during 11th to 16th November 2019.

### **Events Organized (from recent)**

#### **Conference**

1. Organizing member in "International Conference on Communication, Computation, Control and Automation" ICCCA – 2022.

**FDP**

1. Organized AICTE Sponsored FDP titled “Research Challenges and Issues in Wireless Communication and Networks” Slot-1 during 25.02.2021 to 07.02.2021.

**Workshops: Nil**

**Seminars**

1. Organized a webinar on” Antenna Terminologies” on 08.11.2023
2. A Guest lecture on “ICT career Exposure on 25.02.2020.

**Online Courses Completed**

Sl. No.	Title	Platform
1	Module 7- Creative Problem Solving , Innovation and Meaningful R &D	NITTTR
2	Module 6_ Student Assessment and Evaluation	NITTTR
3	Module 5_ Technology Enabled Learning & Life Long Self Learning	NITTTR
4	Module 4_ Instructional Planning and Delivery	NITTTR
5	Module3_ Communication Skills, Modes & Knowledge Dissemination	NITTTR
6	Module 2_ Professional Ethics & Sustainability	NITTTR
7	Module 1-Orientation Towards Technical Education and Curriculum Aspects	NITTTR
8	Digital Circuits	NPTEL
9	Accreditation and Outcome based Learning	NPTEL
10	BEC-Preliminary	BEC
11	Image De-noising Using Auto Encoders in Keras and Python	COURSERA
12	Predicting House Prices with Regression using TensorFlow	COURSERA
13	Build a Deep Learning Based Image Classifier with R	COURSERA
14	Basic Image Classification with TensorFlow	COURSERA

**Awards and Recognitions Secured: Nil**

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

1. I can adopt the environment where I be.
2. Punctuality
3. I can deliver the content efficiently.

**Major Weakness**

1. Less talkative
2. Family dependent

**Signature**