



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

S.Thiyagarajan ,B.E., M.Tech.,

Assistant Professor,

Electronics and Communication Engineering.



Date of birth	:	24.06.1991	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	8/1A, Step Stones, Near Ranganayagi Nagar, P.N. Palayam, Coimbatore - 641020	Permanent address	:	6/70, Kundachappai Village, Thummanatty Post, The Nilgiris - 643002
Mobile no	:	9787226113	e-mail (official)	:	thiyagarajan.ece@srit.org
Landline	:		e-mail (personal)	:	sankarthiyagarajan@live.com
Date of joining	:	07.06.2019	Post of joining	:	Assistant professor
No of promotions since D.O.J	:	Nil	Present post	:	Assistant professor
Present pay scale	:	Rs. 15600 – Rs. 39100/-	Gross pay	:	Rs. 35628/-
Employee ID	:	TE 396	Bank account No. (Salary credited)	:	500101012102466
P.F. No	:	TN/CBE/56764/891	Group Insurance No	:	-
PAN Number	:	AVOPT3765G	Aadhar Number	:	634052731616
AICTE ID	:	1-7344718235	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	2012	Adithya Institute of Technology	Anna University, Chennai	First Class
PG	M.Tech. Embedded System Technologies	2014	Vel Tech Dr.RR Dr.SR R&D Institute of Science and Technology	Vel Tech Dr.RR Dr.SR R&D Institute of Science and Technology	Fiest Class with Distinction
Ph.D	Brain Computer Interfacing	Pursuing (Provisional Confirmation Completed)			

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Vel Tech High Tech Dr. Ranagarajan Dr.Sakunthala Engineering College	Assistant Professor	18.08.2014	6.6.2019	4	9	20
Sri Ramakrishna Institute of Technology	Assistant Professor	07.06.2019	Till date	4	5	18
Total				9	3	8

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	I	20EEG01	Basic Electrical and Electronics Engineering	T	
2023-2024	V	20EC015	Control Systems	T	
2022-2023	V	20EEE02	Medical Instrumentation	T	89
2022-2023	IV	20ECE03	Introduction to Embedded Systems	T	92

2022-2023	VI	20IT020	Internet of Things Laboratory	L	100
2021-2022	III	20ECE01	Electronic Measurements and Instrumentation	T	88
2021-2022	IV	20EC010	Microprocessor and Microcontroller	T	86
2021-2022	IV	20ECE012	Microprocessor and Microcontroller Laboratory	L	100
2020-2021	V	UCSE013	Principles of Microprocessor and Microcontroller	T	85
2020-2021	II	20MEG02	Engineering Workshop Laboratory	L	100
2019-2020	IV	UICE021	Analog and Digital Systems	T	100
2019-2020	II	20MEG02	Engineering Workshop Laboratory	L	100

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-2024	VII	Prevent Pressure Ulcers acquired via Prolonged Hospitalization	UG
2022-2023	VII & VIII	ANPR Based Alert System for Pirated Vehicle Detection	UG
2021-2022	VII & VIII	SPEAKING SYSTEM FOR DUMB PEOPLE USING HAND GESTURES	UG
2020-2021	VII & VIII	Water Quality Monitoring And Management System Using IoT	UG
2019-2020	VII & VIII	IoT Based Energy Consumption Monitoring and Billing	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	5	8
Conferences	1	

Journal Publications

- Thiagarajan S, Geo-location Guide using Node MCU, International Journal of Research and Analytical Reviews vol.9 pp.61-65 2022.
- Thiagarajan S., EEG Based Employee Welfare System, International Research Journal of Engineering and Technology vol.8(12), pp.1402-1404 2021.
- Thiagarajan S., Water Quality Management System Supported by IoT, International Research Journal of Modernization in Engineering Technology and Science Vol.3 (3) pp.2245-2251 2021.
- Thiagarajan S., Road Sign Recognition System for Autonomous Vehicle, International Journal of All Research Education and Scientific Methods (IJARESM) Vol.9 (3) pp.1799-1803 2021 IJARESM Publication, India.
- Thiagarajan S., Implementation of optical character recognition using Raspberry Pi for visually challenged person, International Journal of Engineering and Technology vol.7 pp.65-67 2018.
- Thiagarajan S., Optimization of Viterbi Decoder with Fast Radix 2 ACS Unit, ARPN Journal of Engineering and Applied Sciences, VOL. 11(23), December 2016.
- Thiagarajan S., Border security and multi access robot using embedded system Indian Journal of Science and Technology vol.9 (16) pp.1-5 2016.
- Thiagarajan, S.; border security and multi access robot using embedded system Indian Journal of Science And Technology vol 9 (16) 2016.
- Thiagarajan S., A Comprehensive Compression and Encryption Scheme for Secured Medical Images Communication ,Indian Journal of Science and Technology vol 9 (16) 2016.
- Thiagarajan S., Design and Implementation of Compact Coax Fed Multi Band MIMO Antenna for 4G Applications, Indian Journal of Science and Technology vol 9 (16) 2016.
- Thiagarajan S., Comparative study on data centric - Wireless sensor network protocols International Journal of Applied Engineering Research vol 10(1) pp.1721-1726, 2015.
- Thiagarajan S., Comparative study on data centric - Wireless sensor network protocols International Journal of Applied Engineering Research vol.10 (1) pp.1721-1726 2015.
- Thiagarajan S., Various Database Attacks and its Prevention Techniques, International Journal of Engineering Trends and Technology (IJETT) vol.9 (11) 2014.

Conference

- Thiagarajan S., Advances in Cognitive Load Measurement: A Comprehensive Literature Review Using EEG Signals., International Conference on Evolutionary Artificial Intelligence (ICEAI 2023), pp.108-116, September 2023, ISBN-978-81-932480-7-2.

Workshops / Seminars attended

- Lecture Series on “How to Improve Your Research Skills” at Sri Ramakrishna Engineering College, Coimbatore, 10th -12th January 2023.
- Professional Development workshop on “Digital Creativity Skills” as a part of Adobe Academic Essentials Program conducted by AICTE & ATAL in collaboration with ADOBE.

Faculty Development Program attended (from recent)

- Recent trends in Semi-Conductor Industry and its Impact on VLSI Design, Sri Ramakrishna Institute of Technology, Coimbatore, 16th - 22nd September 2023.
- Outcome Based Education for Inductee Teachers at Sri Ramakrishna Institute of Technology, Coimbatore, January 2023.
- Artificial Intelligence and Nureal Language Processing organized by Department of Information Science and Engineering, Vidyavardhaka College of Engineering, Mysuru from 12th to 16th July 2021

Events Organized (from recent)

- Workshop on “Hands on Training using Arduino UNO” on 8th February 2023.
- Faculty Development Program on “Recent Advancement and Research Challenges in Communication and Networking” 7th - 11th June 2021.
- International webinar on “Functional Food: Their Role and Prospects” on 8th September 2021.
- International Web Conference on Innovative Engineering Technologies (IWCIET-2020) on 5th August 2020.

Online Courses Completed

Sl. No.	Title	Platform
1	Cloud Computing	NPTEL
2	Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials	Indian Institute of Remote Sensing
3	Being a Researcher in Information Science and Technology	Coursera
4	AI for Everyone	Coursera
5	Getting Started with AWS Machine Learning	Coursera
6	Machine Learning: Create a Neural Network that Predicts weather an Image is a Car or Airplane	Coursera

Major Strengths – Dedication and Team Work.

Major Weakness – Generation of funds through Project proposals and Consultancy

Signature