



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:					
Mr.R.RAMAKRISHNAN.B.E ,M.E., Assistant Professor Electronics and Communication Engineering					
Date of birth	:	14.07.1979	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	3/306, Postal Colony, Perur Chettipalayam, Coimbatore-641010.	Permanent address	:	3/306, Postal Colony, Perur Chettipalayam, Coimbatore-641010.
Mobile no	:	9952851023	e-mail (official)	:	ramakrishnan.ece@srit.org
Landline	:	-	e-mail (personal)	:	ramakris79@gmail.com
Date of joining	:	04-01-2021	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	-	Present post	:	Assistant Professor
Present pay scale	:	15,600-39,100/-	Gross pay	:	25,108/-
Employee ID	:	TE404	Bank account No. (Salary credited)	:	034001001590790
P.F. No	:	101504945110	Group Insurance No	:	Nil
PAN Number	:	BCGPR0640J	Aadhar Number	:	648644297750
AICTE ID	:	1-7354781392	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
Ph.D	Information and Communication Engineering	Pursuing	Centre for Research ,Anna University Chennai	Anna University	Received Conformation Order
ME	Communication Systems	2009	Kumara Guru College Of Technology	Anna University	First
B.Tech	Electronics and Communication Engineering	2004	Rajiv Gandhi College Of Engineering & Technology	Pondicherry University	First
Diploma	Electronics and Instrumentation Engineering	2000	V.L.B. Janakiammal Polytechnic College.	DOTe	First

Registration for Ph.D. with area of interest: Wireless communication

Year of Ph.D. Registration: January 2022

Year of Ph.D. Completed: Pursuing

Thesis Title: Certain Investigation of Li-Fi Communication

Supervisor Recognition Number: Not Applicable

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	04-01-2021	-	2	11	25
Arjun College of Technology-Coimbatore	Assistant Professor(Sr.Grade)	04-06-2018	31-12-2020	2	6	28

Kalaingar Institute of Technology-Coimbatore	Assistant Professor	08-04-2013	30-05-2015	2	1	23
Kalaivani College of Technology-Coimbatore	Assistant Professor	01-06-2009	31-03-2013	3	10	0
Total				12	5	18

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Sky Telecom (p) Limited-(Ericsson, Huawei and Nokia) Coimbatore.	Integration Engineer	Project Coordinator	01-06-2016	31-05-2018	2	0	0
Total					2	0	0

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	V	20EC017	Analog Communication Lab	L	Current semester
2023-2024	I	20EEG01	Basic Electrical and Electronics Engineering	T	Current semester
2023-2024	I	20MEG02	Engineering Workshop	L	Current sem
2022-2023	VIII	UECE115	Wireless Network	T	100
2022-2023	I	20MEG02	Engineering Workshop	L	100
2022-2023	V	20ECE03	Introduction to Embedded Systems	T	85
2021-2022	II	20EC005	Analog Electronics Lab	L	98
2021-2022	II	20MEG02	Engineering Workshop	L	100
2021-2022	II	20EC001	Electron Devices	T	89
2021-2022	I	20EEG01	Basic Electrical and Electronics Engineering	T	90
2021-2022	I	20EC005	Analog Electronics Lab	L	100

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-2024	VIII	ADVANCED UNDER WATER COMMUNICATION SYSTEM USING LI-FI TECHNOLOGY	UG
2022-2023	VII	LIFI BASED AIR POLLUTION MONITORING SYSTEM	UG
2022-2023	VIII	AUTOMATIC PRODUCT DETECTION AND SMART BILLING FOR SHOPPING USING LI-FI	UG
2022-2023	VII	LIFI BASED AIR POLLUTION MONITORING SYSTEM	UG
2022-2023	VII	SMART PILL REMAINDER USING MICROCONTROLLER	UG
2021-2022	VIII	IMAGE AND TEXT TRANSMISSION USING Li-Fi TECHNOLOGY	UG
2021-2022	VII	HEALTH MONITORING USING LI-FI TECHNOLOGY	UG

Publications

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

Journal Publications (IEEE format):

1. Presented a paper titled as, **“Image and Text Transmission Using Li-Fi Technology”**, International Conference on Communication, Computation, Control and Automation (ICCCA’22) conducted by Sri Ramakrishna Institute of Technology, Coimbatore.
2. Presented a paper titled as, **“LIFI-BASED AIR POLLUTION MONITORING SYSTEM”**, International Conference on Electronics, Communication and Networking ICECN – 2022 conducted by Sri Ramakrishna Institute of Technology, Coimbatore.
3. Presented a paper titled as, **“AUTOMATIC PRODUCT DETECTION AND SMART BILLING FOR SHOPPING USING LI-FI”**, International Conference on Electronics, Communication and Networking ICECN – 2022 conducted by Sri Ramakrishna Institute of Technology, Coimbatore.
- 4 Presented a paper titled as **“Smart Bill Remainder”** International Conference on Electronics, Communication and Networking ICECN – 2023) at Sri Ramakrishna Institute of Technology, Coimbatore.

Conference Publications (IEEE format): Same as Above

Books / Book Chapters (IEEE format)

- 1) in Electronics and Communication Engineering (Volume – 5) at AKINIK PUBLICATIONS-**Integrated Publications, Publication Year: 2023**
- 2) Book Chapter published topic on “**Channel Estimation for MIMO - OFDM System**” at **Emerging Trends in Engineering and Technology (Volume – 5)** at Integrated Publications, Publication Year: 2022

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Design and Development of Water Quality Monitoring System for Aquaculture using Light Fidelity (Li-Fi) Technology	SRIT –Research	50,000	2022-2023

Consultancy

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

Workshops / Seminars attended

Faculty Development Program attended (from recent)

1. Internal Quality Assurance Cell conducts FDP on “**Outcome based Education for Inductee Teachers**” on 2nd - 06th Jan 2023 at Sri Ramakrishna Institute of Technology, Coimbatore.

Events Organized (from recent)

1. Department of ECE & Advanced Image Processing Cluster (AIPC) organizes **one day workshop on “Circuit Simulation Using TINA”** at Sri Ramakrishna Institute of Technology, Coimbatore on 23.1.2023

Online Courses Completed

Sl. No.	Title	Platform

Awards and Recognitions Secured

1. Received Rs. 50,000 from SRIT –Research -Design and Development of Water Quality Monitoring System for Aquaculture using Light Fidelity (Li-Fi) Technology-2022-2023
2. Applied for TNSCST Staff Proposal –titled “**Smart indoor navigation gadget for visually impaired people using Li-Fi**”
3. Applied for CMRG proposal -Chief Minister funding Titled “**Design and Implementation of Reconfigurable Antenna for Precision Agriculture Using USRP and Artificial Intelligence**”.
4. Received Patent for the novelty resides in the shape and configuration of the “**Aquaculture Water Quality Monitoring using Bidirectional wireless Technology**”Dated 14/07/2023
5. Went Admission duty at codissia for last 2 years

Self-appraisal

Major Strengths: **Positive attitude**

Major Weakness: **Short tempered**

Signature