Faculty Profile

Full name with Qualification, Designation and Department:

Ms. J Glory Priyadharshini,B.E., M.E.,

Assistant Professor,

Electrical and Electronics Engineering

Date of birth	:	20/06/1991	Gender	:	Female
Nationality	:	Indian	Marital status	:	Single
Address for correspondence	:	13/45, Kumaran Kudil, 5th Street, Ramalinga Jothi Nagar, Ramanathapuram, Coimbatore-641045	Permanent address	:	13/45, Kumaran Kudil, 5th Street, Ramalinga Jothi Nagar, Ramanathapuram, Coimbatore-641045
Mobile no	:	+91 89036 12342	e-mail (official)	:	glorypriyadharshini.eee@srit.org
Landline	:	nil	e-mail (personal)	:	jglorypriyadharshini@gmail.com
Date of joining	:	12/06/2017	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	nil	Present post	:	Assistant Professor
Present pay scale	:	15,600.00 to 39,100.00	Gross pay	:	36,611.00
Employee ID	:	TE317	Bank account No. (Salary credited)	:	214001001751043
P.F. No	:	TN/CBE/56764/10800	Group Insurance No	:	AG00059675000102
PAN Number	:	BEGPG8942G	Aadhar Number	:	7808 3744 1366
AICTE ID	:	1-3536751689	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.E. (Electrical and Electronics Engineering)	2013	RVS College of Engineering and Technology, Cbe.	Anna University, Chennai.	First Class
PG	M.E. (Embedded System Technologies)	2015	Angel College of Engineering and Technology, Tirupur.	Anna University, Chennai.	First Class
Ph.D					
Others					

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

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

Thesis Title: -

Supervisor Recognition Number: -

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/ EEE	12.06.2017	-	6	5	12
			Total	6	5	12

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Power Technologies	Testing Engineer	Testing	07.01.2016	07.01.2017	1	0	0
				Total	1	0	0

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-24	3	20EE004	Digital Logic Circuits	T	
	3	20EE006	Linear Integrated and Digital Circuits Laboratory	L	
	7	20EEP51	Introduction to Neural Networks	T	
	7	20EE901	Design Project	L	
2022-23	4	20EEG06	Microprocessors and Microcontrollers	T	96
	4	20EEG07	Microprocessors and Microcontrollers Laboratory	L	100
	6	20AC002	Constitution of India	T	95
	3	20EE002	Electro Magnetic Theory	T	96
	5	20HMG04	Professional Ethics & Values	T	100
2021-22	4	20EEG06	Microprocessors and Microcontrollers	T	96
	4	20EEG07	Microprocessors and Microcontrollers Laboratory	L	100
	4	20EEG03	Electrical and Electronics Engineering	T	59
	3	20EE002	Electro Magnetic Theory	T	100
	7	UEEE303	Digital System Design	T	100
	1	20MEG02	Engineering Workshop (I CSE A)	L	100
2020-21	2	20MEG02	Engineering Workshop (I EEE & I Mech)	L	100
	4	UICE021	Analog and Digital Systems	T	85
	3	UEEC002	Electro Magnetic Theory	T	90
2019-20	4	UICE023	Microprocessors & Microcontrollers	T	100
	2	UICE002	Basics of Electrical and Electronics Engineering	T	100
	2	UICE021	Engineering Workshop	L	100
	3	UEEC002	Electro Magnetic Theory	T	68
	3	UICE009	Electrical Drives and Controls	T	68
	2	UICE021	Engineering Workshop	L	100
2018-19	3	UEEC002	Electro Magnetic Theory	T	88
	6	EE6602	Embedded Systems	T	60
	1	UICE021	Engineering Workshop	L	100
	2	UICE021	Engineering Workshop	L	100
2017-18	3	EE6352	Electrical Engineering and Instrumentation	T	75

	1	UICE021	Engineering Workshop	L	100
	6	EE6602	Embedded Systems	T	77
	2	UICE021	Engineering Workshop	L	100

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-24	7	ADAS for SRIT e-Rickshaw	UG
2022-23	8	Machine Vision System to detect flora on lake surface	UG
2022-23	7	Smart Quality and Quantity Check Framework for Raw Milk	UG
2021-22	8	IoT Based Smart Agriculture Monitoring System	UG
2021-22	8	Designing of BLDC Motor Controller for Electric Vehicles	UG
2020-21	8	Building Management System	UG
2019-20	8	Smart Power Quality Data logger	UG
2018-19	8	Vehicle Monitoring Rig for Smart City	UG
2017-18	8	Industrial Project: Company Name-Ampere Vehicles Pvt.Ltd Project Title-Electric Vehicle Tester Kit	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	-	7
Conferences	-	8

Journal Publications (IEEE format)

1. J. Glory Priyadharshin i, Ajeesh T R, Naveen E, Chandru J, "Designing of BLDC Motor Controller for Electric Vehicles", International Journal of Research and Analytical Review (IJRAR), Volume 9, Issue 2, 2022

2. J.Glory Priyadharshin i, Hariharasudhan, B Neelakandan, Aravind R K,"Review on IoT based smart agriculture monitoring system", International Journal of Research and Analytical Review (IJRAR), Volume 9, Issue 2, 2022.

3. J. Glory Priyadharshin i and R. Prithiviraj, "Vehicle Monitoring System for Smart City", International Journal of Current Engineering and Scientific Research (IJCESR), Volume 6, Issue 6, 2019

4. Gomathy S, Glory Priyadharshini.J, Angalin E, "Four Quadrant operation and Speed Control of BLDC Motor", International Journal od Current Engineering and Scientific Research, Volume 5, Issue 1, 2018.

5. Gomathy S, Jenifer Amla L, Glory Priyadharshin i.J, "A comparator based Control for Non-Interacting tank system", International Journal for Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume 6, Issue 12, 2017.

6. J.Glory Priyadharshin i, C.K.Vijayalakshmi, "I2C linked advanced vehicle locking system", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume 3, Issue 11, 2014.

7. J.Glory Priyadharshini, C.K. Vijayalakshmi, "Biometric Recognition during Web Accessing through Mobile Phone", International Journal of Advanced Research Trends in Engineering and Technology, Volume 1, Issue 2, 2014.

Conference Publications (IEEE format)

1. J. Glory Priyadharshini, Karunakaran B, Deepu Kumar R, "Mapping of flora in a lake using Image Processing", National Conference on Electrical and Instrumentation Systems, 2023.

2. J. Glory Priyadharshini, "Designing of BLDC Motor Controller for Electric Vehicles", International Conference on Communication, Computation, Control and Automation, 2022.

3. J. Glory Priyadharshini, "Review on IoT based smart agriculture monitoring system", International Conference on Communication, Computation, Control and Automation, 2022.

4. J. Glory Priyadharshini," Vehicle Monitoring Rig for Smart City",International Conference on Information Sciences and Renewable Energy Sources, 2019.

5. J. Glory Priyadharshini, C.K. Vijayalakshmi, "Insurance and Loan Data Based Vehicle Locking System", National Conference on Advanced Research Techniques in Information Technology, 2015.

6. J. Glory Priyadharshini, "Wireless Machine Condition Monitoring through Virtual Instrumentation Technique", National Conference on Emerging Trends in Communication & Power System Technology, 2015.

7. J. Glory Priyadharshini, Brintha. R, "Implementation of hand held terminal and vehicle detection", National Conference on Signals, Systems and Security, 2014.

8. J. Glory Priyadharshini, "Load frequency control in a deregulated power system using particle swarm optimixation", National Conference on Emerging Scenario in Power Engineering and Electrical Drives, 2014.

Books / Book Chapters (IEEE format) nil

Sponsored Research nil

Project Title	Funding Agency	Amount Rs.	Duration

Consultancy nil

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

Workshops / Seminars attended

S. No.	Organizing Institution	Title	Date(s)
1	AICTE, ATAL Academy, STMicroelectronics and Arm Education	Embedded System an Application Driven Approach	25-27 August 2021
2	Audisankara Group of Institutions	Role Of Energy Storage & Plug-In Electric Vehicles In Smart Grid : Challenges & Opportunities	30 May 2020
3	Malla Reddy Engineering College	Contributions Of National Instruments In Academics"	23 May 2020
4	HindusthanCollege ofArts&Science	Learning Management System& E-ContentDevelopment Tools	1-8 July 2020
5	Coimbatore Institute of Technology, Coimbatore	Robotics and Automation	05,06 December 2019
6	Coimbatore Institute of Technology, Coimbatore	Power Quality InTextile Industry	20 July 2019
7	PPG Institute Of Technology, Coimbatore.	IC Design Flow Using Mentor Graphics Tool	29, 30 January 2015
8	M. Kumarasamy College Of Engineering And Technology, Karur.	Embedded System DesignUsing PIC Microcontroller	22, 23 January 2015
9	Dr. Mahalingam College Of Engineering And Technology, Pollachi.	Industrial Automation UsingPLC And HMI	26, 27 September 2014
10	Nandha College Of Technology, Erode.	Recent Trends In Digital Image Processing Using MATLAB	19 October 2013
11	RVS College Of Engineering And Technology, Cbe.	International Robotics Challenge Zonal Workshop	3-5 June 2013
12	PSG College Of Technology, Coimbatore	Application Of Embedded Systems In Renewable Energy, Power Electronics & Automotive Systems	9, 10 March 2012

13	RVS College Of Engineering And Technology, Cbe.	Embedded System Design	29 July 2011
14	RVS College Of Engineering And Technology, Cbe.	Hotline Maintenance Of EHV & UHV Networks	21 August 2010

Faculty Development Program attended (from recent)

S. No	Organizing Institution	Venue	Title	Date(s)
1.	IDNOU, Staff training and research institute of distance education, New Delhi	IDNOU, Staff training and research institute of distance education, New Delhi	Design, Development and Delivery of MOOCs	21-26 August 2023
2.	Centre for AI, IoT and Robotics, IITDM Kancheepuram	Centre for AI, IoT and Robotics, IITDM Kancheepuram	AI and Machine Vision for Robotics	12-16 June 2023
3.	National Institute of Technology, Warangal	National Institute of Technology, Warangal	Machine Learning for Data Science using Python	25 April – 10 May 2023
4.	Sri Ramakrishna Engineering College, Coimbatore	Sri Ramakrishna Engineering College, Coimbatore	How to improve your Research Skill	10-12 January 2023
5.	Faculty development training centre government college of technology, Coimbatore	Alagappa chettiar Government College of engineering and Technology Karaikudi	MATLAB for Electrical Engineering	01-05 August 2022
6.	PSN college of Engineering and Technology, Tirunelveli	PSN college of Engineering and Technology, Tirunelveli	Recent Trends in	25-29 July 2022
7.	Tamil Nadu State Government and GCT, Coimbatore	Government College of Technology, Coimbatore	Energy Efficiency and Audit: An Eco Friendly Endeavor	17-21 August 2021
8.	AICTE and Kamaraj College of Engineering and Technology	Kamaraj College of Engineering and Technology	Electric Cars Technologies andModern Power System Series-III	12-17 October, 2020

9.	AICTE and Kamaraj College of Engineering and Technology	Kamaraj College of Engineering and Technology	Electric Cars Technologies and Modern Power System Series-II	07-12 September, 2020
10.	AICTE and GCT, Coimbatore	Government College of Technology,Coimbatore	Application of Soft Computing Techniques to Renewable Energy Systems-Series II	07–12 September, 2020
11.	Tamil Nadu State Government and and GCT, Coimbatore	Government College of Technology,Coimbatore	Research Avenues in Smart Power Grid Technologies	28-30 May 2020
12.	PSG College of Technologywith TEQIP III	PSG College of Technology	Automated Embedded System	10–16 June2019
13.	NIT Calicut with GEC Bharatpur, Rajasthan	NIT Calicut	ARM Based Embedded System Development	17-23 June 2018
14.	Sri Ramakrishna Institute of Technology	Sri Ramakrishna Institute of Technology	Soft computing Techniques using	9-11 August2017
15.	IIT Kharagpur	Sri Ramakrishna Institute of Technology	Electric Power System	10-15 July2017

Events Organized

SL. NO.	TITLE	DATE
	Conference	
1	International Web Conference on "INNOVATIVE ENGINEERING TECHNOLOGIES (IWC-IET)-2020"	05 August 2020
	FDP	
1	Faculty Development Programme on "RECENT CHALLENGES IN INDUSTRIAL AUTOMATION ANDEMBEDDED SYSTEM"	06-11 July 2020
	Workshops	
1	National level workshop on "A REAL LIFE DEPLOYMENT OF ARTIFICIAL INTELLIGENCE ONHEALTH CARE ECOSYSTEM"	10- 11 July 2019
2	National level workshop on "INDUTSTRIAL AUTOMATION"	09 March 2018

Seminars		
1	Seminar on "RECENT TRENDS IN AI"	05 October 2023
2	Seminar on "CYBER FRAUDS IN PAYMENT INDUSTRY"	13 March 2023
3	Guest Lecture on "APPLICATION OF DFT & DWT IN IMAGE PROCESSING"	27 January 2023
4	Guest Lecture on "IMPORTANCE OF YOGA AND MEDITATION FOR PROFESSIONAL EXCELLENCE"	20 September 2022
5	Technical Seminar on "ELECTRIC VEHICLE"	21 September 2022
6	Webinar on "KEY TO CRACK THE CAMPUS PLACEMENT"	05 March 2022
7	Webinar on "ART OF LEARNING"	17 December 2021
8	Webinar on "THE CONVERGENCE OF HIGH PERFORMANCE COMPUTING AND DEEP LEARNING"	26 June 2020
9	Webinar on "ROAD MAP FOR BETTER ENGINEERS"	26 June 2020
10	Webinar on "HYBRID ALGORITHMS AND ITS APPICATIONS IN ENGINEERING"	27 May 2020
11	Webinar on "DEEP LEARNING IN HEALTH CARE APPLICATIONS"	28 May 2020
Guest Lectures		
1	Guest Lecture on "ELECTRO MAGNETIC THEORY"	22 September 2022
2	Guest Lecture on "RECENT TRENDS IN EMBEDDEDSYSTEMS"	03 August 2021

Online Courses Completed

Sl. No.	Title	Platform
1.	Module 4:Instructional Planning and Delivery	NITTTR
2.	Module 5:Technology Enabled Learning & Life-Long SelfLearning	NITTTR
3.	Microprocessors and Interfacing (71%)	NPTEL
4.	Python for Data Science 58%)	NPTEL
5.	Introduction to IoT (Elite75%)	NPTEL
6.	Introduction to Smart Grid (55%)	NPTEL
7.	Electronic Waste Management-Issues and Challenges (Elite and Silver 80%)	NPTEL
8.	Teaching and Learning in General Programs (Elite, Silverand Topper 80%)	NPTEL
9.	Automating Team Communication with Google Sheets and Apps Script	Coursera
10.	Create an interactive fiction adventure game with Python	Coursera

11.	Create a Virtual Classroom using Google Slides	Coursera
12.	Creating Interactive Learning Videos with Edpuzzle	Coursera
13.	AI For Everyone	Coursera
14.	Introduction to Machine Learning	Coursera
15.	Create a Business Marketing Brand Kit Using Canva	Coursera
16.	Create Informative Presentations with Google Slides	Coursera
17.	Introduction to Google Docs	Coursera
18.	Introduction to solar cells	Coursera
19.	Introduction to Project Management	Coursera

Awards and Recognitions Secured

i.   I2Create- Karka Kasadara: Development of Augmented Reality in Teaching and Learning (Bronze)
ii. INVIDE- Autonomous Building Management System (Bronze)

Self-appraisal

✓ Tutor for 2014-2018 batch and 2016-2020 batch
✓ Department Timetable Co-Coordinator for Academic Year 2017,2018,2019,2020,2021 and 2022
✓ Consolidated Curriculum and Syllabus of R2017 & R2020
✓ Drafted the NBA compliance report
✓ Department PIC of NBA Criteria 4 and NAAC Criteria 5
✓ Accompanied final year students for their Industrial Visit during 2018, 2019 and2022
✓ Consolidated Engineering Workshop Laboratory Manual for Electrical and Electronics for R 2017 and R 2020

Major Strengths: Teaching Skills-

Effective communication and pedagogical skills, Adaptability, Mentorship and Leadership

Major Weakness:

Over emphasis on research, empathy overload and difficulty to move with slow learners

Signature