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

Mr. R.Hariharan, B.E., M.E.,(Ph.D).,

Assistant Professor,

Information Technology.

Date of birth	:	12-06-1985	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	1/129A, Vinayagar Koil street, Kalampalayam, Coimbatore-641010	Permanent address	:	6/43, Thoranavavi Post, Getticheviyur via, Erode - 638110
Mobile no	:	9500500070	e-mail (official)	:	hariharan.it@srit.org
Landline	:	-	e-mail (personal)	:	hariharanrcse@gmail.com
Date of joining	:	07.06.2019	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	-	Present post	:	Assistant Professor
Present pay scale	:	156000-39100	Gross pay	:	Rs.33,340
Employee ID	:	TE398	Bank account No. (Salary credited)	:	500101012226737
P.F. No	:	TN/CBE/56764/10885	Group Insurance No	:	
PAN Number	:	ADIPH5634E	Aadhar Number	:	252503287254
AICTE ID	:	1-7344585291	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. Computer Science and Engineering	2006	Erode Sengunthar Engineering College	Anna University	I
PG	Software Engineering	2012	Bannari Amman Institute of Technology	Anna University	I
Ph.D	Cloud Computing	Pursuing	Bannari Amman Institute of Technology	Anna University	-
Others	-	-	-	-	-

Registration for Ph.D. with area of interest:

Yes, Cloud Computing.

Year of Ph.D. Registration: July 2017   **Year of Ph.D. Completed: Persuing**

Thesis Title:

Investigations of Productivity and Security Improvement Using Audit Protocols in Cloud Computing Environment.

Supervisor Recognition Number: -

Ph.D. Scholar Details

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

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	17
NPR College of Engineering and Technology	Assistant Professor	10.11.2014	15.05.2019	4	6	5
Maharaja Prithvi Engineering College	Assistant Professor	14.06.2012	05.11.2014	2	4	22
			Total	11	4	14

Industrial Experience

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

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-24	ODD	20CS007	Object Oriented Analysis and Design	T	-
		20ITP55	Service Oriented Architecture	T	-
		20CS011	Case Tools Laboratory	L	-
2022-23	EVEN	20ITE03	Fundamentals of Internet of Things	T	91
		20IT016	Internet of Things	T	95
2022-23	ODD	20CS007	Object Oriented Analysis and Design	T	92
		UITG004	Introduction to Database Management Systems	T	100
		20CS011	Case Tools Laboratory	L	100
2021-22	EVEN	20CS004	Software Engineering	T	92

Academic Year	Semester	Course Code	Course Title	T/L	Score
		UITG003	Fundamentals of Internet of Things	T	90
2021-22	ODD	UITC016	Integrated Design Project Phase II	L	100
		UITE221	Software Testing	T	93
		UITG003	Fundamentals of Internet of Things	T	95
2020-21	EVEN	UITC014	Integrated Design Project (Course Work)	T	100
		UITC015	Integrated Design Project (Practical)	L	100
		20HMG01	Information Technology Essentials and Ethics	T	95
2020-21	ODD	UITG003	Fundamentals of Internet of Things	T	92
		UITG005	Web Interface Design and Development	T	100
		UITC016	Integrated Design Project - Phase II	L	100
2019-20	EVEN	UITG003	Fundamentals of Internet of Things	T	92
		UITG003	Fundamentals of Internet of Things	T	90
2019-20	ODD	CS6703	Grid and Cloud Computing	T	97
		UITG003	Fundamentals of Internet of Things	T	91

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-23	ODD & EVEN	Machine Learning based identification of Wakelock leaks in Android Applications	UG
		Portable and Cost Effective model for Air Pollution Monitoring using IoT	
2021-22	ODD & EVEN	Energy Efficient Device Discovery in D2D Communication	UG
		Food Recognition and Nutrition Estimation using Deep Learning	
2020-21	ODD & EVEN	Enabling Observable and Secure Mobile Healthcare System in Cloud	UG

2019-20	ODD & EVEN	An Effective and Secured Data Storage Management in Mobile Cloud Computing	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	3	2
Conferences	-	2

Journal Publications (IEEE format)

1. R.Hariharan, G.Komarasamy, S.Daniel Madan Raja, "Implementation of ID-based Audit Protocols to Enhance Security and Productivity" Computer Systems Science & Engineering, DOI: 10.32604/csse.2023.029899, Jan 2023.

2. R.Hariharan, G.Komarasamy, S.Daniel Madan Raja, "Public Auditing using Identity Based Cryptosystems on Multi-Copy Data Integrity in Cloud" ICTACT Journal on Communication Technology, ISSN: 2229-6948(ONLINE), Sep 2022.

3. R.Hariharan "Analysis of Spectrum Handoff in Cognitive Radio Network using Spectrum Binary Particle Swarm Optimization" International Journal of All Research Education and Scientific Methods", ISSN: 2455-6211 Volume 8, Issue 11, Nov 2020.

4. R.Hariharan "An Extensive Review on Data Integrity Schemes and Security Issues in Cloud Paradigm", International Journal of Advanced Research" ISSN: 2320-5407 Volume 8 Issue 6, June 2020.

5. R.Hariharan., G.Komarasamy., & S.Daniel Madan Raja., "Enabling Efficient Cloud Storage and Privacy Preservation with Cloud Auditing". Annals of the Romanian Society for Cell Biology (ARSCB), Apr 2021, Volume 25, Issue No 4, Page 5730-5740.

Conference Publications (IEEE format)

1. R.Hariharan, "A Secret Sharing Based Method for the Authentication of Digital Document Images by Foreground Encoding and Secret Sharing" at Palakkad Institute of Science and Technology.

2. "Digital Document Authentication and Auto Repairing by Foreground Encoding and Secret Sharing" at the International Conference on Computer Science and Engineering held at Pune.

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 Two days Hands on Workshop on "Machine Learning with Graph" organized by Sagar Institute of Research & Technology, on 21st & 22nd June 2021.

2. Participated Five Days FDP on "Software Engineering ", organized by MIT Chennai, during from 16.12.2019 to 20.12.2019.

Faculty Development Program attended (from recent)

1. Participated Five days ATAL Sponsored online FDP on "IOT in 5G Technology" organized by Silicon Institute of Technology. From 24.05.2021 to 28.05.2021.

2. Participated the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on "Data Science for Healthcare" held during 21st June to 25th June 2021 conducted by Vivekanandha College of Engineering for Women.

3. Participated Five days ATAL Sponsored online FDP on "Electrical & Computer Engineering" organized by Mahendra Engineering College, Namakkal. From 22.02.2021 to 26.02.2021.

4. Participated Five days ATAL Sponsored online FDP on "Cyber Security" organized by St.Joseph's College of Engineering, Chennai. From 18.01.2021 to 22.01.2021.

5. Participated Five days ATAL Sponsored online FDP on "Block Chain" organized by Karpagam College of Engineering, Coimbatore from 07.12.2020 to 11.12.2020.

6. Participated Five days FEP on "Python Programming" organized by INFOSYS Chennai from 25.05.2020 to 29.05.2020.

Events Organized (from recent)

Conference

FDP

Workshops

Seminars

1. Organized a Guest lecture titled "Opportunities in RPA Technologies and Lifecycle of Corporate Project" on 03.11.2023.

2. Organized a seminar titled "Effective Swarm Intelligence in Smart Application of Future Networks" on 31.10.2023.

3. Organized a Guest lecture titled "Software Testing Techniques" on 28.02.2022.

4. Organized a Guest lecture titled "Recent Trends in IT" on 29.04.2021.

5. Organized a Guest lecture titled "Software Testing Methodologies" on 24.04.2021.

Online Courses Completed

Sl. No.	Title	Platform
1	Introduction to Machine Learning	NPTEL
2	Cloud Computing	NPTEL
3	Clustering Geolocation Data Intelligently in Python	COURSERA
4	Introduction to User Experience Design	COURSERA
5	Rational Modeling in Dia	COURSERA
6	Building Digital media using Graphic Design in Google Slides	COURSERA
7	Use Canva to create Social Media Marketing Designs	COURSERA
8	Retrieve Data using Single-Table SQL Queries	COURSERA

Awards and Recognitions Secured

1. Published a Patent titled "Improving Security and Productivity Control in Cloud Computing Environment using Audit Protocols" on 27.02.2023.

Self-appraisal

Major Strengths

1. Sincere and Dedication in work

2. Active Listener

3. Excellent Team worker

Major Weakness

1. Sensitive

Signature