



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. K.Sathyaseelan ,B.Tech (IT)., M.E(CSE)., (Ph.D).,
Assistant Professor,
Information Technology.



Date of birth	: 21.01.1983	Gender	: Male
Nationality	: Indian	Marital status	: Married
Address for correspondence	: No:3, Krishna nagar, Sowripalayam, Coimbatore - 641028	Permanent address	: 26 A, Rajeev nagar, 4 th street, Amman kulam, Ramanathapuram (post), Coimbatore - 641045
Mobile no	: 9629107959	e-mail (official)	: sathyaseelan.it@srit.org
Landline	:	e-mail (personal)	: subramaniaswami@gmail.com
Date of joining	: 12.06.2017	Post of joining	: Assistant Professor
No of promotions since D.O.J	: -	Present post	: Assistant Professor
Present pay scale	: Rs. 15,600 – 39,100/-	Gross pay	: 38666
Employee ID	: TE327	Bank account No. (Salary credited)	: 500101011408043
P.F. No	: CBCBE00567640000010809	Group Insurance No	:
PAN Number	: CPKPS7743R	Aadhar Number	: 499356947434
AICTE ID	: 1-3538638243	AICTE Institution ID	: 1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.Tech – Information Technology	2007	Karpagam College of Engineering	Anna University	First Class
PG	M.E – Computer Science and Engineering	2014	Karpagam University	Karpagam University	First Class with Distinction
Ph.D	Information and Communication Engineering	Pursuing	PSG College of Technology	Anna University	-
Others					

Registration for Ph.D. with area of interest:

Machine Learning in Healthcare

Year of Ph.D. Registration: 2021

Year of Ph.D. Completed: -

Thesis Title:

Supervisor Recognition Number:

Ph.D. Scholar Details

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

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
SNS College of Technology	Assistant Professor	01.04.2009	28.04.2014	5	-	27
Adithya Institute of Technology	Assistant Professor	02.05.2014	25.05.2017	3	-	23
Sri Ramakrishna Institute of Technology	Assistant Professor	12.06.2017	-	6	5	12
Total				14	5	62

Industrial Experience

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
2023-24	V	20ITP17	Introduction to Artificial Intelligence	T	-
	III	20IT002	Java Programming	T	-
2022 – 23 (Even)	VI	20IT017	Data Analytics	T	75
	VI	20ITE02	Cloud Computing Fundamentals	T	80
2022 – 23 (Odd)	VII	UITC204	Big Data Analytics	T	95
	V	20ITP11	Python Programming	T	90
2021 – 22 (Even)		UITC014	Integrated Design Project - Coursework	T	90
	IV	20ITE03	Fundamentals of Internet of Things	T	75
2021 – 22 (Odd)	III	20IT002	Java Programming	T	85
	VII	UITC204	Big Data Analytics	T	80
2020 – 21 (Even)	VIII	UITC205	Machine Learning	T	98
		UITG002	Cloud Computing Fundamentals	T	80
2020 – 21 (Odd)	V	UITC201	Web Programming	T	85
	VII	UITC204	Big data Analytics	T	80

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023	VII	Diabetic Prediction using machine learning	UG
		Heart Disease prediction with combination of algorithms	UG
2022	VIII	Chronic kidney disease(CKD) prediction using machine learning	UG
	VIII	Diabetic prediction using machine learning with smart web application	UG
2021	VIII	Heart disease Prediction using Machine Learning	UG
	VIII	Diabetes type prediction using Machine Learning	UG

Publications

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

Journal Publications (IEEE format)

- International Journal of Engineering and Advanced Technology, "SMART ACCIDENT DETECTION AND SWITCHING OF TRAFFIC SIGNAL" ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019.
- International Journal of Science, Engineering And Technology, "RESTAURANT RECOMMENDATION SYSTEM USING MACHINE LEARNING ALGORITHMS", 2021
- National Journal of Technology "DECISION TREE BASED CROP RECOMMENDATION SYSTEM IN AGRICULTURE", 2021

Conference Publications (IEEE format)

- S. K and S. Sarathambekai, "Machine Learning based Prediction Model for Health Care Sector - A Survey," *2021 Innovations in Power and Advanced Computing Technologies (i-PACT)*, Kuala Lumpur, Malaysia, 2021, pp. 1-7, doi: 10.1109/i-PACT52855.2021.9696646.
- S. S *et al.*, "A Comparative Analysis of Diabetes Prediction Models using Machine Learning Algorithms," *2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS)*, Coimbatore, India, 2022, pp. 261-265, doi: 10.1109/ICACCS54159.2022.9785280.

Books / Book Chapters (IEEE format)

- Sathyaseelan K, "Certain Investigations on school dropout in India using Machine Learning" in "Advances in Multidisciplinary and Current Research –Vol.10, ISBN 978-3-96492-277-9.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration

Consultancy

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

Workshops / Seminars attended:**Faculty Development Program attended (from recent) :**

- Attended FDP on “ML in Electrical and Computer Engineering” from 22.02.2021 to 26.02.2021.
- Attended FDP on “Data Sciences” from 20.10.2020 to 24.10.2020.

Events Organized (from recent)**Conference :**

- Organized the First National Level Virtual Conference on, “Recent Advancements In Computer, Communication And Information Technology (RACCIT-20)”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 26th August 2020.

FDP:**Workshops : -****Seminars**

- Organized webinar on “Artificial Intelligence and its uses in education” on 24.08.22

Online Courses Completed

Sl. No.	Title	Platform
1	Data Science in Real Life	Coursera
2	Open Source Tools for Data Science	Coursera
3	Data Science Methodology	Coursera
4	Python for Data Science and AI	Coursera
5	The Data Scientist's Toolbox	Coursera
6	Data Science for Engineers	NPTEL
7	Big data Computing	NPTEL

Awards and Recognitions Secured

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Self-appraisal

Major Strengths:

- Domain Knowledge
- Adaptability
- Team work

Major Weakness

- Resistance to Change

Signature