



# Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

[www.srit.org](http://www.srit.org) :: Phone – 0422-2605577



## Faculty Profile

**Full name with Qualification, Designation and Department:**

**Ms. V. Preetha ,B.Tech., M.E., Ph.D.,(Pursuing)**

Assistant Professor,

Computer Science and Engineering



<b>Date of birth</b>	:	15-12-1991	<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Married
<b>Address for correspondence</b>	:	795, Perur Main Road, Selvapuram North, Coimbatore - 641026	<b>Permanent address</b>	:	795, Perur Main Road, Selvapuram North, Coimbatore – 641026
<b>Mobile no</b>	:	9789547989	<b>e-mail (official)</b>	:	<a href="mailto:Preetha.cse@srit.org">Preetha.cse@srit.org</a>
<b>Landline</b>	:	-	<b>e-mail (personal)</b>	:	<a href="mailto:vijayakumarpreetha@gmail.com">vijayakumarpreetha@gmail.com</a>
<b>Date of joining</b>	:	01-06-2022	<b>Post of joining</b>	:	Assistant Professor
<b>No of promotions since D.O.J</b>	:	-	<b>Present post</b>	:	Assistant Professor
<b>Present pay scale</b>	:	Rs. 15,600 – Rs. 39,100 + AGP Rs.6,000	<b>Gross pay</b>	:	25,108
<b>Employee ID</b>	:	TE426	<b>Bank account No. (Salary credited)</b>	:	State Bank of India – 32094314114
<b>P.F. No</b>	:	TN/CBE/56764/10942	<b>Group Insurance No</b>	:	AG00059675000103
<b>PAN Number</b>	:	BTZPP0233M	<b>Aadhar Number</b>	:	391609908181
<b>AICTE ID</b>	:	7138294	<b>AICTE Institution ID</b>	:	1-7841521

**Educational Qualification**

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Information Technology	2013	Sri Ramakrishna Institute of Technology	Anna University	Distinction
PG	Computer Science and Engineering	2022	Sri Ramakrishna Institute of Technology	Anna University	Distinction
Ph.D	Machine Learning	Pursuing	Sri Ramakrishna Institute of Technology	Anna University	Pursuing
Others					

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

**Machine Learning**

**Year of Ph.D. Registration: 2023**

**Year of Ph.D. Completed: Pursuing**

**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
Total						

**Industrial Experience**

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Dhyan Networks and Technologies Pvt. Ltd.,	Software Engineer	Feature Development (Worked for Juniper Client)	3-06-2013	31-03-2016	2	10	-
Total							

**Courses Handled**

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2022-2023	III(Mechanical)	20CSE01	Basics of Python Programming	T	93
2022-2023	V(ECE)	20CSE01	Basics of Python Programming	T	98
2022-2023	I(IT)	20ITG01	Programming for Problem Solving using C	T	77
2022-2023	I(Mech, EEE)	20ITG01	Programming for Problem Solving using C	T	77
2022-2023	I (IT)	20ITG02	Programming in C Laboratory	L	100
2022-2023	II(IT)	20CSG01	Object Oriented Programming using C++	T	93
2022-2023	II(Mech, EEE)	20CSG01	Object Oriented Programming using C++	T	90
2022-2023	II(IT)	20CSG02	Programming in C++ Laboratory	L	100
2023-2024	V(CSE-C)	20CS007	Object Oriented Analysis and Design	T	Semester examination going on
2023-2024	V(CSE-B)	20CS011	Case Tools Laboratory	L	Semester

					examination going on
2023-2024	VII(CSE-A)	20CSP43	Software Requirements Engineering	T	Semester examination going on

### Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-2023	VII and VIII	Real Time Traffic Management using Machine Learning	UG
2022-2023	VII and VIII	Smart Traffic Rules Violation Detection Using YOLOv5 and OpenCV	UG
2023-2024	VII and VIII	Classification of Societal Sentiments And its Domain By Machine Learning Techniques	UG
2023-2024	VII and VIII	Emergency Vehicles Detection While Arrival of Ambulance and Fire Engine Using Machine Learning	UG

### Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal		1. Published paper An Effective Hierarchical Key Management System Using Elliptic Curve Cryptography And Session Key Establishment On Cloud in the Journal IJRAR(International Journal of Research and Analytical Reviews)
Conferences		1. Published paper REAL TIME TRAFFIC SIGNAL SWITCHING USING MACHINE LEARNING in first international conference

		<p>on Artificial Intelligence and Block Chain ICAIBC – 2023</p> <p>2. SMART TRAFFIC RULES VIOLATION DETECTION USING YOLOV5 AND OPENCV in first international conference on Artificial Intelligence and Block Chain ICAIBC – 2023</p> <p>3. Published paper An Effective Hierarchical Key Management System Using Elliptic Curve Cryptography And Session Key Establishment On Cloud in the Conference Virtual International Conference on Communication, Computation, Control and Automation (ICCCA-2022)</p>
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Journal Publications (IEEE format)

Conference Publications (IEEE format)

Books / Book Chapters (IEEE format)

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)

1. Participated in Online Faculty Development Programme on **“Recent Research Issues on Digital Image Processing”** Organized by Department of Information Technology, Sri Ramakrishna Institute of Technology from 23.05.2022 to 27.05.2022.
2. Participated and completed courses in Faculty Enablement Program (FEP) on **“Python Programming”** conducted by Infosys Springboard, Team Campus Connect from Oct 17 – Oct 21, 2022.
3. Participated in one-week FDP on **“Outcome Based Education for Inductee Teachers”** organized by Internal Quality Assurance Cell, Sri Ramakrishna Institute of Technology, Coimbatore – 10 from 02.01.2023 to 06.01.2023.
4. Participated in one-week FDP on **“Orientation Programme – 2023”** organized by Internal Quality Assurance Cell from 05-06-2023 to 09-06-2023 at Sri Ramakrishna Institute of Technology.
5. Participated in Faculty Development Programme on **OBE** conducted in Sri Ramakrishna Institute of Technology from 28-9-2023 to 30-9-2023.

### Events Organized (from recent)

#### Conference

#### FDP

#### Workshops

1. Organized a one day workshop on “Introduction to Rust Language” on 03.11.2023 and Saturday. Resource persons for this workshop are Thiruppathi K - Senior Consultant, Vignesh - Developer, Sr. Consultant, Gnana Ganesh S - Consultant, Application

Developer, Yeswanth Rajakumar - Application Developer (Consultant) from ThoughtWorks, Coimbatore.

### Seminars

1. Organized a Webinar on “Network Management Tools and Concepts” on 16.08.2022 Tuesday. Resource person for this webinar is Mr. V. Vithun, Product Manager, Dhyan Networks and Technologies Pvt Ltd., Chennai – 641018.
2. Organized a Webinar on “Postulates of full stack development” on 30.09.22 Friday. Resource person for this webinar is Ms.Akshaya.R, Senior Software Engineer, Cognizant solutions and Technologies – Chennai-600119.
3. Organized a Seminar on “Insights of Data Intelligence” on 10.01.2023 and Tuesday. Resource person for this seminar is Dr. N. Krishnaveni, Associate Professor, Department of Information Technology, School of Physical Sciences and Computational Sciences.

### Online Courses Completed

Sl. No.	Title	Platform
1.	Python Programming by Infosys Springboard	Python Programming
2.	Introduction to Machine Learning	NPTEL

### Awards and Recognitions Secured

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### Self-appraisal

#### Major Strengths

Trying to give a best in me, Always focus in my work, Dedication, Exploring new things.

#### Major Weakness

I don't find any weakness in me.

**Signature**