



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:					
Dr. M. Vijaya Kumar, M.Sc., M.Phil. B.Ed., Ph.D., Assistant Professor, Science and Humanities					
Date of birth	:	05-04-1985	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	6/130, North Street, 22-Nanjundapuram, Thadagam Post, Coimbatore – 641 010.	Permanent address	:	6/130, North Street, 22-Nanjundapuram, Thadagam Post, Coimbatore – 641 010.
Mobile no	:	9578464778	e-mail (official)	:	Vijayakumarm.sh@srit.org
Landline	:	-	e-mail (personal)	:	Viji778@gmail.com
Date of joining	:	17-08-2009	Post of joining	:	Lecturer
No of promotions since D.O.J	:	Nil	Present post	:	Assistant Professor
Present pay scale	:	Rs. 15,600-39,100	Gross pay	:	Rs. 41,984
Employer ID	:	TE123	Bank account No. (Salary credited)	:	500101010584047
P.F. No	:	TN / CBE / 56764 / 433	Group Insurance No	:	1701100/48/13/42/00001717
PAN Number	:	AKAPV3734E	Aadhar Number	:	877361918908
AICTE ID	:	1466294123	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.Sc., - Mathematics	2005	Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore – 641 020	Bharathiar	71%
	B.Ed., - Mathematics Education	2008	Bharathi College of Education, Kanuvai, Coimbatore - 641 108	Bharathiar	81%
PG	M.Sc., Mathematics	2007	Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore – 641 020	Bharathiar	80%
	M.Phil.,	2009	Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore – 641 020	Bharathiar	Recommended
Ph.D	Control Theory	2023	Sri Ramakrishna Institute of Technology, Coimbatore – 641010.	ANNA University	Recommended

Registration for Ph.D. with area of interest : Control Theory

Year of Ph.D. Registration : July 2017

Year of Ph.D., Completed : May 2023

Thesis Title : A Study on Dynamical Systems Using Various Controls in the Networks.

Supervisor Recognition Number: Nil

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
Sri Ramakrishna Institute of Technology	Assistant Professor	17.08.2009	-	14	3	7
Total				14	3	7

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
2022-2023	III	20MHG06	Probability and Statistics	Theory	90%
2022-2023	IV	20IT005	Discrete Structures	Theory	91%
2023-2024	I	20MHG01	Calculus and Linear Algebra	Theory	-
2023-2024	III	20MHG06	Probability and Statistics	Theory	-

Projects Guided

Academic Year	Semester	Project Title	UG / PG
Nil			

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	1	3
Conferences		4

Journal Publications (IEEE format)

- Vijaya kumar, M, Nagarani, S, Pradeep, C & Prabakaran, R 2022 'Robust Synchronization of Uncertain Markovian Jumping Complex Interconnected Neural Networks via Adaptive fault-tolerant Control', European Journal of Control, vol. 63, pp. 14–27, ISSN No. 0947-3580, Impact Factor : 2.649. (Annexure I).

- Vijaya Kumar, M, Nagarani, S, 2018, “New results on $L_2 - L_\infty$ sampled-data controller design for singular networked cascade control systems with mixed actuator failure’, International Journal of Scientific Research and Review, vol. 7, issue 5.
- Vijaya Kumar, M, Prabakaran, R, 2023, “The Secrets of the Universe Behind Vedanta: A Classical Hidden Method by Ancient Indians: An Overview”, International Journal for Research Trends and Innovation, vol. 8, Issue 3, 2023.
- Vijaya Kumar, M, Nagarani, S, Saravanakumar, S, 2016, “Dissipative Analysis For Random Time Varying Delay Sampled-Data Controller Design For Singular Networked Cascade Control System”, International Journal of Advance Research in Science and Engineering.

Conference Publications (IEEE format)

Books / Book Chapters (IEEE format)

- Dr. S. Nagarani and M. Vijay Kumar, 2019, “Transforms and Partial Differential Equations”, Arvind Associates, 978-81-933-7771-0.
- Dr. S. Nagarani and M. Vijay Kumar, 2020, “Applied Probability and Statistics”, CBA Publisher, 978-81-933-7771-0.

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

- Participated in one day workshop on “Science, Engineering and Technology Writing in Tamil” organized by Anna University Regional Campus, Coimbatore on 23.09.2022.

- Participated in one day workshop on “Emerging trends of Artificial intelligence in Business Management”, Sri Krishna College of Arts and Science, Coimbatore on 22.02.2019.
- Participated in one day workshop on “Moodle Learning Management System”, Kalaingar karunanidhi Institute of Technology., Coimbatore on 15.03.2019.
- Participated in two day workshop on “Recent Scientific and Technological Advancements of Mathematical Approaches in Inventive Science and Engineering”, PA College of Engineering and Technology, Pollachi, Coimbatore during 13.06.2019 to 14.06.2019.
- Participated in two day workshop on “Recent Scientific and Technological Advancements of Mathematical Approaches in Inventive Science and Engineering”, PA College of Engineering and Technology, Pollachi, Coimbatore during 13.06.2019 to 14.06.2019.
- Participated in one day workshop on “Probability theory and linear algebra in artificial intelligence”, Coimbatore Institute of Technology, Coimbatore on 08.11.2019.

Faculty Development Program attended (from recent)

- Participated in one week faculty development programme on “Mathematical Modeling and Data Analysis using R and SPSS” organized by Department of Mathematics, Coimbatore Institute of Technology, Coimbatore, 12-12-2019 to 17-12-2019
- Participated in two day workshop on “Bridge Course on Mathematics” organized by Department of Mathematics, Anna University, Chennai, during 20-06-2014 to 21-06-2014.
- Participated in two day workshop on “Effective Teaching of Engineering Mathematics” organized by Department of Mathematics, Coimbatore Institute of Engineering and Technology, Coimbatore, 19-07-2013 to 20-07-2013.

Events Organized (from recent)

S. No	Type of the Event	Title	Date
1	Guest Lecture (offline)	National Unity Day Celebration	31.10.2022
2	Guest Lecture (offline)	An overview of Mathematics in Tamil	19.12.2022
3	Guest Lecture and Online	Constitution Day Celebration	25.11.2022

	Quiz Competition		
4	Webinar (online)	Applications of Vector Calculus	26.04.2021
5	Webinar (online)	Applications of Laplace Transforms	19.06.2020
6	Online Quiz Competition	English Grammar E – Quiz	18.06.2020 to 22.06.2020

Conference

S. No	Type of the Event	Title	Date
1	International Conference	Recent Trends in Applied Mathematics - 2023	11.10.2023
2	International virtual Conference	Recent Trends in Applied Mathematics - 2023	07.10.2022

FDP

S. No	Type of the Event	Title	Date
1	Faculty development Programme (offline)	Statistical for Management	02.12.2019 to 3.12.2019

Workshops

Seminars

Online Courses Completed

S. No	Title	Organization	Months and Year
1	Innovation Ambassador (IA) program is a training advance level	IIC - Institution's Innovation Council	February 2023
2	Innovation Ambassador (IA) program is a training beginners level	IIC - Institution's Innovation Council	August 2022
3	Universal Human Values (UHV)	AICTE	September 2021
4	Business English Communication (BEC)	Cambridge	December 2019

5	Google analytics for beginners	Google	September 2022
6	Google Ads Display Certification	Google	September 2022
7	Finding, Sorting, & Filtering Data in Microsoft Excel	Coursera	September 2022
8	Introduction to Microsoft Excel	Coursera	September 2022
9	Exploratory Data Analysis	Coursera	November 2020
10	Plots (Graphics) for Data Science	Coursera	November 2020
11	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	Coursera	August 2020
12	Getting Started in Google Analytics	Coursera	August 2020
13	Create a Resume and Cover Letter with Google Docs	Coursera	July 2020
14	Introduction to Google Workspace Administration	Coursera	July 2020
15	Develop a Company Website with Wix	Coursera	July 2020

Awards and Recognitions Secured

- Received **Dr. Radhakrishnan Award** for excellence in teaching, by SRIT Alumni Association, 26.01.2023.

Self-appraisal

Major Strengths :

- Motivational speaker for students
- High Proficiency in basic use of computer and MS Office.
- Developed E- Learning Materials and uploaded in the website

Major Weakness

Signature