



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

Dr. T.C.Ezhil Selvan ,B.E., M.E., Ph.D.,

Associate Professor(Grade-I),

Information Technology



Date of birth	:	27-05-1985	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	7, Yogalakshmi Nagar, 1 st Cross, Maharani Avenue Phase 4, Vadavalli, Coimbatore - 641041	Permanent address	:	4/174, Pallotuvilai Veedu, Thiruvarambu & Post, Kanyakumari District - 629161
Mobile no	:	9486087812	e-mail (official)	:	ezhilselvan.it@srit.org
Landline	:		e-mail (personal)	:	ezhilselvan85@gmail.com
Date of joining	:	02-07-2009	Post of joining	:	Lecturer
No of promotions since D.O.J	:	03	Present post	:	Associate Professor (G-I)
Present pay scale	:	Rs. 37400 - 67000, with AGP 3000	Gross pay	:	60,016
Employer ID	:	TE058	Bank account No. (Salary credited)	:	500101010539021
P.F. No	:	TN/CBE/56764/426	Group Insurance No	:	
PAN Number	:	AAUPE6644C	Aadhar Number	:	7141 0317 2342
AICTE ID	:	1-459164164	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	C.S.I Institute of Technology, Thovalai	Anna University	First Class with Distinction
PG	M.E. - Software Engineering	2009	Sri Ramakrishna Engineering College	Anna University	First Class
Ph.D	Information and Communication Engineering	2019		Anna University	
Others					

Registration for Ph.D. with area of interest: Routing in MANET

Year of Ph.D. Registration: 2012

Year of Ph.D. Completed: 2019

Thesis Title: Certain Investigation on Congestion Control Protocols with Secure Routing for Mobile Adhoc Networks

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		
				Ye ars	Months	Days
Sri Ramakrishna Institute of Technology	Associate Professor (Grade -I)	01-11-2021	Till date	2	0	25
Sri Ramakrishna Institute of Technology	Assistant Professor (Senior Grade)	01-10-2014	31-10-2021	7	1	0

Sri Ramakrishna Institute of Technology	Assistant Professor	01-08-2010	30-09-2014	4	2	0
Sri Ramakrishna Institute of Technology	Lecturer	02-07-2009	31-07-2010	1	1	0
Total				14	4	25

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
2023-2024	1	20ITG01	Programming for Problem Solving using C	T	-
2023-2024	3	20CS001	Computer Organization and Architecture	T	-
2023-2024	1	20ITG02	Programming in C Laboratory	T	-
2023-2024	7	20IT902	Final Year Project - Phase I	T	-
2022-2023	4	20IT006	Computer Networks	T	95
2022-2023	6	20ITP22	Mobile Computing	T	93
2022-2023	8	UITC018	Final Year Project - Phase II	L	100
2021-2022	5	UITC012	Computer Networks	T	91
2021-2022	3	20CS001	Computer Organization and Architecture	T	88
2020-2021	4	20IT006	Computer Networks	T	90
2020-2021	8	UITC018	Final Year Project - Phase II	L	100
2020-2021	3	UITC003	Computer Organization and Architecture	T	85

2020-2021	5	UITC012	Computer Networks	T	88
2019-2020	6	UITE202	Computer Networks	T	95
2019-2020	4	UITG002	Cloud Computing Fundamentals	T	90
2019-2020	7	IT6702	Data Warehousing and Data Mining	T	95
2019-2020	3	UITC003	Computer Organization and Architecture	T	85
2019-2020	7	IT6711	Data Mining Laboratory	L	100
2018-2019	06	IT6601	Mobile Computing	T	97%
2018-2019	08	IT6013	Software Quality Assurance	T	93%
2017-2018	06	CS6551	Computer Networks	T	84%
2017-2018	03	CS6303	Computer Architecture	T	93%
2017-2018	07	IT6702	Data Warehousing and Data Mining	T	94%
2016-2017	04	CS6403	Software Engineering	T	100%
2016-2017	01	GE6151	Computer Programming	T	87%
2016-2017	03	CS6303	Computer Architecture	T	97%
2016-2017	06	CS6551	Computer Networks	T	86%
2015-2016	04	CS6403	Software Engineering	T	100%
2015-2016	07	IT2402	Mobile Communication	T	94%
2015-2016	03	CS2253	Computer Organization and Architecture	T	97%
2014-2015	04	IT2251	Software Engineering & Quality Assurance	T	84%
2014-2015	03	CS2253	Computer Organization and Architecture	T	70%
2014-2015	07	IT2042	Information Security	T	94%
2013-2014	06	CS2032	Data Warehouse & Data Mining	T	96%
2013-2014	08	CS2312	High Speed Networks	T	100%
2013-2014	07	IT2402	Mobile Communication	T	97%
2012-2013	06	CS2353	Object Oriented Analysis & Design	T	97%

2012-2013	07	IT2402	Mobile Communication	T	84%
2011-2012	05	CS2302	Computer Networks	T	89%

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-2024	7	Prediction of Parkinsons Disease from Speech using Machine Learning	UG
2023-2024	7	Stock Price Prediction using Machine Learning	UG
2023-2024	7	Email Spam Detection using Machine Learning	UG
2022-2023	8	Mental Stress Detection Using Machine Learning	UG
2021-2022	8	Mobility and link availability prediction in mobile ad-hoc network using deep learning	UG
2020-2021	8	Fee Collection System using Optimal Human Automation Interaction Model	UG
2019-2020	8	An efficient message authentication and source privacy scheme in wireless networks	UG
2018-2019	8	An efficient Source Aware Routing Protocol for MANET	UG
2017-2018	8	Location Based Service using Third Party Alert System	UG
2016-2017	8	Rebroadcast Routing Technique for Reducing Overhead based on Neighbor Coverage in Mobile Ad Hoc Networks	UG
2015-2016	8	Link Stability and Energy Aware Routing Protocol in Distributed Networks	UG
2014-2015	8	A Predictive Energy Efficient Technique to Support Object Tracking Sensor Network	UG
2013-2014	8	Energy Efficiency in Wireless Sensor Network using Ant Colony Optimization	UG
2012-2013	8	An Efficient Hybrid Peer-To-Peer System for Data Distribution	UG

Publications

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

Journal Publications (IEEE format)

1. T.C.Ezhil Selvan “Prediction of Bitcoin Price using Deep Learning Model”, IEEE - 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA).
2. T.C.Ezhil Selvan, “Prediction of Parkinson's disease using XGBoost”, IEEE - 8th International Conference on Advanced Computing and Communication Systems (ICACCS).
3. Ezhil Selvan T C, Malathi P & Ezhilin Freeda S, “An Efficient Method for Adjustable Load Equalization for Reducing Traffic in Routing for Mobile Ad Hoc Networks”, Wireless Personal Communications, Springer, October 2019, pp. 1-16. ISSN: 0929-6212 (Print) 1572-834X (Online) Annexure I (Impact Factor: 0.929), DOI: 10.1007/s11277-019-06834-9, 2019.
4. Ezhil Selvan T C & Malathi P, "Network Performance using Multipath Congestion Segmentation in Mobile Ad Hoc Networks", Applied Mathematics and Information Sciences, vol. 13, no. S1, pp. 17-23. ISSN 1935-0090(print) ISSN 2325-0399(online) Annexure I (Impact Factor: 1.232), 2019.
5. Ezhil Selvan.T.C et al., “A Study of Congestion Control and Reliability Mechanism in Opportunistic Networks”, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol.3, pp. 955-961, 2016.
6. T.C. Ezhil Selvan, S.Ezhilin Freeda, P.Malathi and M.Marimuthu, “ Rebroadcast Routing Technique for Reducing Overhead based on Neighbor Coverage in Mobile Ad Hoc Networks (MANET),” International Journal for Scientific Research & Development, ISSN No. 2321-0613, Vol. 3, Issue no.09, pp.467-470, 2015.
7. Ezhil Selvan.T.C et al., “Reliable Congestion-Control and Link-aware Routing Protocol (RCLRP) for Mobile Ad hoc Networks,” National Conference on Research Advances in Communication, Computation, Electrical Science and Structure (NCRACCESS-2015), Salem, pp 9-17, 2014.
8. Ezhil Selvan.T.C and Ezhilin Freeda.S “Scheme Matching with Inter-Attribute Dependencies Using VF2 Approach,” International Journal of Emerging Engineering Research and Technology, ISSN no 2349-4395 ,Vol.2, Issue no.3, pp 14-20, 2014.

Conference Publications (IEEE format)

1. T.C.Ezhil Selvan, "Prediction of Bitcoin price using Deep Learning Model", 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2021)
2. T.C.Ezhil Selvan, "A Survey on QoS Routing Techniques (Wired)" Amrita School of Engineering, Coimbatore, 11th – 13th December 2008.

Books / Book Chapters (IEEE format)**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**Workshop:**

1. Participated in a 2 days' Online International Workshop on "Computing Trends Transforming 2020" held during 22nd and 23rd October, 2020 conducted jointly by School of Computer Science and Engineering and VITAA, Vellore Institute of Technology (VIT), Chennai.
2. Participated in a 3 days' Online Workshop on "R Programming" held during 28-30, July 2020 conducted by Department of Computer Science and Engineering, Malla Reddy Institute of Technology and Science, Hyderabad.
3. Participated in a 5 days' Workshop on "Deep Learning for Big Data and Cyber Security Applications" held during 1-5, July 2019 conducted by Department of Information Technology, National Institute of Technology Karnataka, Surathkal.
4. Participated in a Two-Week ISTE Workshop on "Computer Programming" held during 16th – 21st June 2014 conducted by Indian Institute of Technology Bombay under National Mission on Education through ICT (MHRD) at Sri Ramakrishna Institute of Technology, Coimbatore.

5. Participated in a Two-Week ISTE Workshop on “Signals and Systems” held during 2nd January 2014 to 12th January 2014 conducted by Indian Institute of Technology Kharagpur under National Mission on Education through ICT (MHRD) at Sri Ramakrishna Institute of Technology, Coimbatore.
6. Participated in the Spoken Tutorial Workshop on “LATEX” organized at Sri Ramakrishna Institute of Technology offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India and obtained the certificate by passing online exam conducted remotely from IIT Bombay on 2nd February 2013.
7. Participated in the Spoken Tutorial Workshop on “LINUX” organized at Sri Ramakrishna Institute of Technology offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India and obtained the certificate by passing online exam conducted remotely from IIT Bombay on 2nd February 2013.
8. Participated in the Spoken Tutorial Workshop on “PHP & MYSQL” organized at Sri Ramakrishna Institute of Technology offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India and obtained the certificate by passing online exam conducted remotely from IIT Bombay on 2nd February 2013.
9. Participated in One Day National Workshop on “Open Source Software” held on 27 September 2012 at Sri Ramakrishna Institute of Technology, Coimbatore.
10. Participated in One Day Workshop on “Need based approach for Effective Teaching” held on 21st June 2011 at Sri Ramakrishna Institute of Technology, Coimbatore.

Seminar:

1. Participated in CSIR Sponsored One Day National Level Technical Seminar on “5G Simulators and Implementation of Test beds” held on 11-07-2019 conducted by Department of Computer Science and Engineering at Hindusthan Institute of Technology, Coimbatore.
2. Participated in One Day National Level Seminar on “Research Methodologies in Information and Communication Technology” held on 01-03-2014 conducted by Department of Information Technology at Sri Ramakrishna Institute of Technology, Coimbatore.
3. Participated in One Day National Level Seminar on “Cloud Computing and its Applications” held on 2nd February 2013 conducted by Department of CSE & IT at Sri Ramakrishna Institute of Technology, Coimbatore.
4. Participated in seminar titled, “Routing Protocols for MANET” on 01-10-2013 for the Faculty members and Research scholars at Bharathiyar Institute of Engineering for

Women, Salem organized by the Department of Electronics and Communication Engineering under the programme IETE Sponsored National Seminar on “Recent Trends in Digital Image Processing and Mobile Ad hoc Networks”.

Faculty Development Program attended (from recent)

1. Attended 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, Nammakkal.
2. Attended the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on “IoT in 5G” held during 24th May to 28th May 2021 conducted by Silicon Institute of Technology, Bhubaneswar.
3. Attended the Faculty Development Programme on “Advancement of Intelligent System and Computation” held during 20th April to 24th April 2021 conducted by JIS College of Engineering, West Bengal.
4. Attended the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on “Cyber Security” held during 18th Jan to 22nd Jan 2021 conducted by Department of Computer Science and Engineering, St. Joseph's College of Engineering, Chennai.
5. Attended the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on “Blockchain” held during 07th Dec to 11th Dec 2020 conducted by Department of Computer Science and Engineering, Karpagam College of Engineering, Coimbatore.
6. Attended the AICTE Sponsored One Week Online Short Term Training Programme (STTP) on “Machine Learning and Deep Learning Techniques for Artificial Intelligence Problems using Python (MLDLT 2020)” held during 16th Nov to 21st Nov 2020 conducted by Department of Information Technology, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology - VNRVJiet, Hyderabad.
7. Attended the TEQIP III Online Short Term Course on “Machine Learning: Theory and Applications (MLTA-2020)” held during 09th Sept to 13th Sept 2020 conducted jointly by Department of Physics, Instrumentation and Control Engineering & Industrial and Production Engineering,, Dr. B R Ambedkar National Institute of Technology, Jalandhar.
8. Attended the TEQIP III Online Short Term Course on “Security and Privacy Challenges in Computing Paradigms (SPCCP – 2020)” held during 1st Sept to 05th Sept 2020 conducted by Department of Computer Science and Engineering, Dr. B R Ambedkar National Institute of Technology, Jalandhar.
9. Attended the TEQIP III Online Short Term Course on “Cloud of Things: Theoretical and Practical Implications” held during 10th Aug to 14th Aug 2020 conducted by

Department of Information Technology, Dr. B R Ambedkar National Institute of Technology, Jalandhar.

10. Attended the Online Faculty Development Programme on “Machine Learning Techniques for Brain Computer Interface Applications” held during 30th July to 01st August 2020 conducted by Department of Computer Science and Engineering, Karunya Institute of Technology and Supported by DST-ICPS (Data Science).
11. Attended the TEQIP III sponsored One Week online short term course on “Cloud of Things: Theoretical and Practical Implications” held during 10th August to 14th August 2020 conducted by Department of Information Technology, Dr. B R Ambedkar National Institute of Technology, Jalandhar.
12. Attended the Online Faculty Development Programme on “Emerging Trends in Data Science and IoT” held during 20th July to 25th July 2020 conducted by Department of Computer Science and Information Technology, Arka Jain University, Jamshedpur, Jharkhand.
13. Attended the Online One Week short term course on “Blockchain and Machine Learning” held during 29th June to 3rd July 2020 conducted by Department of Computer Science and Engineering, Faculty of Engineering and Technology, Gurukula Kangri Vishwavidyalaya Haridwar in technical collaboration with IBM and AICTE.
14. Attended the Online Faculty Development Programme on “Introduction to Blockchain Technology” held during 25th May to 30th May 2020 conducted by Department of Computer Engineering, JSPM Narhe Technical Campus, Maharashtra.
15. Attended the Online Faculty Development Programme on “Exploring Machine Learning Algorithms and Applications” held during 21st May to 23rd May 2020 conducted by Kongu Engineering College, Perundurai.
16. Attended the Online Faculty Development Programme on “R Programming” held during 27th April to 1st May 2020 conducted by Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India).
17. Attended the Faculty Development Programme on “Introduction to Internet of Things” held during July - October 2019 conducted by NPTEL – AICTE through Indian Institute of Technology, Madras.
18. Attended the Faculty Development Programme on “Deep Learning for Big Data and Cyber Security Applications” held during 1-5, July 2019 conducted by Department of Information Technology, National Institute of Technology Karnataka, Surathkal.
19. Participated in AICTE sponsored short term course on “Optimization Techniques with Engineering Applications through ICT” held during 10-14, December 2018 conducted by National Institute of Technical Teachers Training and Research, Chandigarh.

20. Participated in AICTE sponsored two weeks Faculty Development Programme on “Data Science and its Research challenges” held during 6-19, November 2017 conducted by Department of Computer Science and Engineering, Sri Ramakrishna Engineering College, Coimbatore.
21. Participated in AICTE sponsored short term course on “Multimedia Tools & Utilities through ICT” held during 27-31, March 2017 conducted by National Institute of Technical Teachers Training and Research, Chandigarh.
22. Participated in AICTE sponsored short term course on “Artificial Neural Network & Fuzzy Logic through ICT” held during 24-28, April 2017 conducted by National Institute of Technical Teachers Training and Research, Chandigarh.
23. Participated in the Faculty Enabled Programme on “Foundation Program 5.0” held during 26-30, December 2016 held at Infosys Limited, Chennai conducted by Infosys Limited and has been awarded with A Grade.

Events Organized (from recent)

Conference

1. 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

1. Organized the Five Days Faculty Development Programme on, “Advanced Issues in Image Processing”, at Department of Information Technology, Sri Ramakrishna Institute of Technology from 09th January 2023 to 13th January 2023.

Workshops

1. Organized the Coding Contest, “Codathon” at at Department of Information Technology, Sri Ramakrishna Institute of Technology on 19th October 2023.
2. Organized the One Day National Level Workshop on, “Data Analytics Tools”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 2nd March 2023.
3. Organized the One Day National Level Workshop on, “Data Analytics and IoT”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 11th October 2019.
4. Organized the One Day National Level Workshop on, “Security and Privacy in IoT”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 1st March 2019.

5. Organized the One Day National Level Workshop on, “Mobile Simulator”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 5th January 2018.
6. Organized the One Day National Level Workshop on, “Internet of Things (IoT)”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 7th April 2017.
7. Organized the Spoken Tutorial Workshop on “C Language” for final year B.Tech – IT Students offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. Out of 65 participants more than 40 participants secured the Certificate by scoring minimum 40% of marks in online exam conducted remotely from IIT Bombay on 5th September 2013.
8. Organized the Spoken Tutorial Workshop on “C++ Language” for final year B.Tech – IT Students offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. By passing online exam conducted remotely from IIT Bombay on 5th September 2013, eligible participants secured the Certificate.
9. Organized the Spoken Tutorial Workshop on “JAVA” for final year B.Tech – IT Students offered by Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. By passing online exam conducted remotely from IIT Bombay on 3rd September 2013, eligible participants secured the Certificate.

Seminars

1. Organized the Guest Lecture on, “Big Data and Cloud – Analytics Tools”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 29th April 2021.
2. Organized the One Day National Level Webinar on, “Current Trends in Computing Technologies”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 28th April 2021.
3. Organized the One Day National Level Webinar on, “Understanding Social Media through Analytics”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 01st June 2020.
4. Organized the One Day National Level Seminar on, “Blockchain Technology in FinTech”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 25th February 2020.
5. Organized the One Day National Level Seminar on, “Wireless Intelligent Networking”, at Department of Information Technology, Sri Ramakrishna Institute of Technology on 19th September 2019.

Online Courses Completed

Sl. No.	Title	Platform
1	Introduction to Machine Learning	NPTEL
2.	Introduction to User Experience Design	Coursera
3.	Data Science: R Basics	edX
4.	Machine Learning Foundations: A Case Study Approach	Coursera
5.	The Data Scientist's Toolbox	Coursera
6.	Introduction to Internet of Things	NPTEL
7.	Big Data Computing	NPTEL
8.	Introduction to Python	UDEMY
9.	Data Mining	NPTEL

Awards and Recognitions Secured

- Infosys Bronze Partner Faculty Award 2019
- Infosys Silver Partner Faculty Award 2017
- Infosys Bronze Partner Faculty Award 2016

Self-appraisal

Major Strengths

1. Team Work
2. Adaptability
3. Collaboration

Major Weakness

1. Self-Criticism

Signature