




**Faculty Profile**

<b>Ms.U.Elakkiya ,B.Tech., M.E., (Ph.D)</b> Assistant Professor, Information Technology					
<b>Date of birth</b>	:	25.03.1988	<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Married
<b>Address for correspondence</b>	:	Door.No 4-3-P, Martin Daison Residency, Perur Main Road, Selvapuram, Coimbatore	<b>Permanent address</b>	:	C-8, New Housing Unit, Mannargudi
<b>Mobile no</b>	:	8220890895	<b>e-mail (official)</b>	:	elakkiya.it@srit.org
<b>Landline</b>	:		<b>e-mail (personal)</b>	:	up.elaks@gmail.com
<b>Date of joining</b>	:	02.01.2023	<b>Post of joining</b>	:	Assistant Professor
<b>No of promotions since D.O.J</b>	:	Nil	<b>Present post</b>	:	Assistant Professor
<b>Present pay scale</b>	:	19,039	<b>Gross pay</b>	:	37915
<b>Employee ID</b>	:	TE435	<b>Bank account No. (Salary credited)</b>	:	500101010539157
<b>P.F. No</b>	:	TN/CBE/56764/10958	<b>Group Insurance No</b>	:	
<b>PAN Number</b>	:	AAVPE7447A	<b>Aadhar Number</b>	:	5980 1001 5709
<b>AICTE ID</b>	:	1-43495518954	<b>AICTE Institution ID</b>	:	1-7841521

**Educational Qualification**

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
B.Tech	Information Technology	2009	Periyar Maniammai College of Technology	Anna University, Chennai	First Class
M.E	Computer Science and Engineering	2012	Muthayammal Engineering College	Anna University, Chennai	First Class with Distinction
Ph.D					
Others					

Registration for Ph.D. with area of interest: Yes, Networking

Year of Ph.D. Registration: July 2023

Year of Ph.D. Completed: -

Thesis Title: “ A Novel Approach to Predict Network Traffic using Deep Learning”

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
Sri Ramakrishna Institute of Technology	Assistant Professor	02.01.2023	Till now		11	
Hindusthan Institute of Technology	Assistant Professor	19.07.2021	28.12.2022	1	5	
Sri Ramakrishna Institute of Technology	Assistant Professor	14.06.2012	31.05.2019	6	11	
Total				09	01	

**Industrial Experience**

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

#### Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	03	20IT001	Data Structures	T	-
2023-2024	03	20IT003	Data Structures Lab	L	-
2023-2024	05	20IT011	Compiler Design	T	-
2022-2023	02	20HMG01	Information Technology Essential and Ethics	T	100%
2022-2023	06	20AC002	Constituiton of India	T	100%
2022-2023	06	20IT901	Design Project	L	96%

#### Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-2024	07	Early Prediction of Breast Cancer using Machine Learning Algorithms	UG
2023-2024	07	Stock Prediction using Deep Learning Algorithms	UG

#### Publications

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

#### Journal Publications (IEEE format)

1. **Vibrotactile Feedbacks System for Assisting the Physically Impaired Persons for Easy Navigation**, Journal of Physics: Conference Series, **April 2018. (Scopus Indexed)**
2. **“Web-based Hostel Management System for Improving Sustainable Performance of Educational Institutions”**, International Journal of latest trends in Engineering and Technology, **March 2018**

3. **“Nayan: Hope for Blind “**, International Journal of Control Theory and Application, Volume 10, ISSN:0974-5572, **March 2017**, pp:145-149.
4. **Text Detection in Natural scene images** in the “International Journal of Latest Trends in Engineering and Technology”, Vol 6, Issue no 2, **November 2015**.

#### Conference Publications (IEEE format)

1. Presented a paper **“An Integrated multi-specialist approach on Hypertension Hazard forecast Framework”** in International Conference on Machine Intelligence and Green Computing at Kalaignar Karunanidhi Institute of Technology, Coimbatore **December 2021**.
2. Presented a paper **“Hostel Out pass Management System”** in National Conference on Recent Trends in Informatics (NCRTI-2018) at Alagappa Institute of Skill Development, Alagappa University, **March 2018**.
3. Presented a paper **“Electronic INN Administration Framework for enhancing execution of Educational Institutions”** in National Conference on Emerging Trends in science, at Nehru Institute of Engineering and Technology, Coimbatore, **March 2017**.
4. Participated in **“Fourth National Conference on Communication, Computation, Control and Automation (CCCA-2014)”** on 28 & 29<sup>th</sup> March 2014.

#### 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

1. Participated **Two Days workshop on “Industrial Impact of AI in cloud computing “**at SRM Institute of Science and Technology from **23/09/2021 and 24/09/2021**

2. Participated **International Five Days workshop** on “**Deep Learning at Health care** “at SRM Institute of Science and Technology from **06/09/2021 to 10/09/2021**.
3. Participated **Two Days Workshop** on “**Advances in Artificial Intelligence** “Sri Ramakrishna Institute of Technology, Coimbatore on **22/12/2016 and 23/12/2016**.
4. Participated one day **National Level Seminar** on “**Research Methodologies in Information and Communication Technology**” held on **01 March 2014** conducted by Dept. of IT at SRIT.
5. Participated one day **National Level Seminar** on “**Cloud Computing and its Applications**” held on **01 February 2013** conducted by Dept of IT & CSE at SRIT.
6. Participated one day **National Level Workshop** on “**Open-Source Software**” held on **27 September 2012** conducted by Dept of IT & CSE at SRIT.

#### **Faculty Development Program attended (from recent)**

1. Attended one week **FDP** under Next Gen Employability Program on “**Cloud Computing and Data Analytics using Microsoft azure** “ from **11/09/2023 to 15/09/2023**.
2. Attended **One week Online STTP** on “**AI and Machine Vision on Robotics** “at Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram from **12/06/2023 to 16/06/2023**.
3. Attended **Online Short term course** on “**Machine Learning for Data Science using Python** “at National Institute of Technology, Warrangal from **25/04/2023 to 10/05/2023**.
4. Attended **ATAL Academy Online Elementary FDP** on “**Cloud Forensics: Techniques, Challenges and Research Directions** “at National Institute of Technology, Sikkim from **18/10/2021 to 22/10/2021**.
5. Attended **FDP** on “**Big Data Analytics with Multi-Criteria Decision Making Method** “at National Institute of Technology, Warrangal from **24/09/2021 to 28/10/2021**.
6. Attended **ATAL Academy Online Elementary FDP** on “**IoT Framework Development for Agriculture Sector**“at Lal Bahadur Shastri college of Engineering, Kasaragod, Kerala from **06/09/2021 to 10/09/2021**.
7. Attended **Short term course** titled “**Optimization Techniques with Engineering Applications** “at SRIT Remote Centre for National Institute of Technical Teachers Training and Research, Chandigarh on **December 2018**

8. Attended Five Days **Short Term Course** on “**Multimedia Tools and Utilities through ICT**” at Sri Ramakrishna Institute of Technology, Coimbatore from **27.03.2017-31.03.2017**
9. Attended one-week **Faculty Development Programme** for “**Mobile Computing**” at Anna University Regional Centre from 21<sup>st</sup> to 27<sup>th</sup> December 2015
10. Attended Two Days **Faculty Development Programme** on “**Introduction to MATLAB and its Application in Engineering**” at Sri Ramakrishna Institute of Technology, Coimbatore from 15.11.2016-16.11.2016
11. Attended Two Days **STTP** on “**Realization of Internet of Things using Raspberry Pi**” National Institute of Technology, Tiruchirappalli from **09.12.2016-10.12.2016**.
12. Attended one-week **Faculty Development Programme** for “**Mobile Computing**” at Anna University Regional Centre from 21<sup>st</sup> to 27<sup>th</sup> December 2015
13. Attended Two-week **ISTE Workshop** for “**Design and Analysis of Algorithm**” conducted by IIT-B from 10<sup>th</sup> to 20<sup>th</sup> July 2014.
14. Attended Two-week **ISTE Workshop** for “**Computer Programming**” conducted by IIT-B from 16<sup>th</sup> to 21<sup>st</sup> June 2014.
15. Attended Two-week **ISTE Workshop** for “**Computer Networks**” conducted by IIT-B June 2014.
16. Attended Two-week **ISTE Workshop** for “**Database Management System**” conducted by IIT-B from 21<sup>st</sup> to 31<sup>st</sup> May 2013.
17. Attended Two-week **ISTE Workshop** for “**Aakash for Education**” conducted by IIT-B on 10<sup>th</sup> and 11<sup>th</sup> November 2012.
18. Attended one-week **Faculty Development Programme** for “**Cryptography and Network Security**” at Sona College of Technology from 5<sup>th</sup> to 11<sup>th</sup> December 2012.

#### **Events Organized (from recent)**

- ❖ Organized A Seminar “**Devops: tools and techniques**” on 13.10.2023 for Third & Fourth Year IT Students,SRIT .
- ❖ Organized A Guest Lecture “**Recent trends in Networking**” on 11.02.2019 for Second- and Third-Year IT Students.

### Online Courses Completed

Sl. No.	Title	Platform
1	Fundamentals of Deep Learning	NVIDIA DLI – Online 2022

**Awards and Recognitions Secured : NIL**

**Self-appraisal**

**Major Strengths :** Interpersonal Skills

**Major Weakness :** Introvert

**Signature**