



SRI SHRIDEVI CHARITABLE TRUST (R.)

# SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY



**NAME** : Dr.R.RAJESWARI

**Designation** : PROFESSOR

**Department** : Computer Science and Engineering



Date of Joining	26-06-2023		
Professional Experience	Teaching	Industry	Research
	15	02	00

Contact Details	
<b>Email ID</b>	rajeswari@shrideviengineering.org
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/raji-r-3a5752116/-">https://www.linkedin.com/in/raji-r-3a5752116/-</a>
<b>GoogleScholar</b>	<a href="https://scholar.google.com/citations?user=GesEOI8AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=GesEOI8AAAAJ&amp;hl=en&amp;oi=ao</a>
<b>ResearchID</b>	-
<b>ORCID</b>	-
<b>Vidwan -ID</b>	<a href="https://vidwan.inflibnet.ac.in/myprofile-515653">https://vidwan.inflibnet.ac.in/myprofile-515653</a>

Academic Background
<ul style="list-style-type: none"><li><b>PhD</b> : Novel Approaches for Load Balancing in Grid using Quality of Experience and Context Aware Load Prediction -Anna University (2019)</li><li><b>ME</b> : Velalar college of Engineering and Technology (Anna university 2009)</li><li><b>B.SC &amp; MCA</b>: Annamalai University &amp; Indira Gandhi Open University (2006)</li></ul>

Areas of Interest	
<ul style="list-style-type: none"><li>• Artificial Intelligence and Machine Learning</li></ul>	<ul style="list-style-type: none"><li>• Cloud Computing</li></ul>
<ul style="list-style-type: none"><li>• Internet of Programming</li></ul>	<ul style="list-style-type: none"><li>• Natural Language Processing</li></ul>

## Significant Publications

### • No. of Papers Published in Journals (Numbers and Description)

- Impact of Artificial Intelligence (AI), Internet of Things (IoT) & STEM Social Enterprise Learning based applications in the Teaching and Learning process of Engineering Education(2021)
- QOE Prediction In Grid Based Environment (2016)
- Context Aware Load Balancing in Grid Computing Using Prediction with Time Series Data (2016)
- Comparative Survey on Load Balancing Techniques in Computational Grids(2013)

### • No. of Papers Presented in Conferences (Numbers and Description)

- Comparative Study on Soft Computing and Statistical Techniques towards Dynamic Load Balancing in Grid Environment
- Improvement of Morphological Analysis through Induction from English to Tamil via Robust Projection across Aligned Corpora
- Morphological Analysis Induction to Tamil from English via Robust Projection across Aligned Corpora
- ANN Enabled Obstacle Avoiding Automated Car
- Cyber Attack Detection System in University Private Cloud Using Machine Learning
- Machine Learning Based Linear Regression Model for Analysis and Predication of sales
- Machine Learning Classification Approaches for Prediction of Mental Health Care with NLP Toolkit Using Patients Emotional Data

### • Book Chapters (Numbers and Description)

- Nil

### • List of FDP's/Workshops (Numbers and Description)

- Faculty Development Program on Full stack Development (15.04.2024 to 19.04.2024)
- Faculty Development Program on "Research Methodology and Developing research Skills"(26.02.2024 to 01.03.2024)
- Workshop on NLP Empowerment (02.02.2024)
- Seven days online Faculty development program me on "research Methodology and Analysis" (01.12.2023)to (8.12.2023)
- Faculty Development Program on Application of Artificial Intelligence in Research and Development
- Faculty Development Program on Accreditation with Outcome based Education
- Faculty Development Program on Developing Activities for OBE Attributes
- CHIFFEST- National Level Technical Symposium
- Hadoop & Open nebula –National Level Seminar

- Online Webinar Series on The Future of Education, Employment & Entrepreneurship
- Online Webinar Series on The Power of A Teacher
- Short –Term Training Program on Internet of Things(IoT)with Block chain Application and challenges
- National level Seminar on NBA Accreditation process
- Faculty Development Program on Industrial Internet of Things (IIOT) and Transition to Internet of Brains (IOB)
- Workshop on Outcome Based Curriculum Design
- Online webinar on The theme Leading in a VUCA World
- Online Webinar Series on THE FUTURE IS HERE NOW
- Online Webinar Series on Cyber Security 2020
- Workshop on Grid and Cloud Computing Tools
- Workshop on Grid and Cloud Computing Lab
- Faculty Development Program on Software Engineering
- National level Seminar on Role of Block chain Technology in Cyber Security
- Faculty Development Program on AICTE-Share & Mentor Institutions (Margdarshan Scheme)
- One Week Anna University sponsored FDP on Design and Analysis of Algorithms.
- Pedagogical training program on Effective Teaching
- Faculty Development Program on Pedagogy for Individual & Institutional Growth
- Faculty Development Program on Cloud Computing
- National level Seminar on Sponsored Research, Intellectual Property Rights & Patents
- Workshop on Recent Trends in Grid and Cloud Computing
- National level Seminar on Grid Computing and its Applications
- Workshop on Advanced Java Programming
- **NPTEL**
- Accreditation and Outcome based Education
- Internet of Things
- **Books (Numbers and Description)**
- **Nil**
- **Patents Published (Numbers and Description)**
- Implementation of an intelligent KIT to control Environmental pollution using Vanet
- **KSCST Student Projects Funded /Funded project and consultancy (Numbers andInformation)**
- National Seminar on Role of Block Chain Technology in Cyber Security – TNSCST
- **Awards/Recognition**
- Best Faculty Award

- **Project Guided details**
- UG>50 PG >20

### Achievements

- **Editorial Board Member**
- **Nominated as**
- **Reviewer for**
- **Invited Speaker for**
- Guest Speaker - Venkateswara High Tech Engineering College
- Guest Speaker- J.K.K.N Engineering College
- **Resource person for**
- **In-house resource person for**
- International Conferences
- **Professional Membership**
- CSI, ISTE, ISSE