

**KAVITHA.S**

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**Educational Qualification:**

<b>Name of the Degree</b>	<b>Name of the Institution</b>	<b>University</b>	<b>Year of passing</b>	<b>CGPA</b>
<b>M.E (CSE)</b>	Sri Vidya College Of Engineering And Technology, Virudhunagar	Anna university	2016	7.3
<b>B.E (CSE)</b>	Theni Kammavar Sangam College Of Technology, Theni.	Anna university	2014	7.5

**Professional Experience:**

<b>Designation</b>	<b>Institution</b>	<b>Period</b>
Assistant Professor	National Engineering college	June 2026- Till Now
Assistant Professor	P.S.R Engineering College	2017-2021

**Research Interest:** Networks, Network Security, Deep Learning

## **Publications:**

- Survey on Energy Efficient Geographic Routing Protocols in Wireless Sensor Networks in IJIRCCE, Volume 3, Issue 11, November 2015.
- Pairwise Directional Path Diversity Routing Based on Wireless Sensor Network in IJARIE, Volume 2, Issue 2016.
- Pairwise Directional Path Diversity Routing Based on Wireless Sensor Network in ICIECS'16.
- Privacy Preserving Data Mining in Horizontally Distributed Database in NITTTR 2017.
- Location Based Energy Efficient Routing Protocols in Wireless Sensor Networks in IJSDR, Volume 4, Issue 2, February 2019.

## **FDP/Workshop/online courses:**

- Outcome Based Education & AICTE Model Curriculum” organized by P.S.R Engineering College.
- Instructional Design and Delivery System” Organized by P.S.R Engineering College with NITTTR.
- Data Science using R National Institute of Technical Teachers Training and Research- Chandigarh online AICTE recognized STTP.
- Open Source Cyber Security Tools National Institute of Technical Teachers Training and Research- Chandigarh online AICTE recognized STTP.
- Data Science with Python by ICT Academy of Tamil Nadu.
- E-Learning Resource-Google Classroom” organized by P.S.R Engineering College.
- Moodle Learning Management System, Annamalai University –Spoken Tutorial, IIT Bombay.
- International Faculty Development Program on Disruptive Technologies on Data Analytics and Tools Organized by AVIT college.
- Data Science using python & R Organized by Easwari Engineering College, Chennai - Spoken Tutorial, IIT Bombay.
- Completed and certified for “NPTEL Online Certification” in Cloud Computing.
- In plant training for a period of 20 days in “Zeal soft Technologies” Madurai.
- Attended the one day workshop on “AJAX, JSON, JQUERY” at Thiagarajar School of management.

- Attended two day workshop on “Eucalyptus, Cloudsim, Hadoop, Open nebula (ECHO)” at Sri Vidya College of Engineering and Technology.
- Attended two day workshop on “**Big Data Analytics**” at Sri Vidya College of Engineering and Technology.
- Attended two day workshop on “**Web Service Implementation on Cloud using .Net Framework**” at Sri Krishna College of Engineering and Technology.

### **Academic Projects:**

#### **Bachelor of Engineering:**

**Title:** Secure Mining of Association rules in Horizontally Distributed Databases

**Description:** Using the secure mining algorithms like Fast Distributed Mining & Apriori, mining was done in a secure way. Because third parties cannot view the details of any individual persons online purchases. it is simpler and is significantly more efficient in terms of communication rounds, communication cost and computational cost.

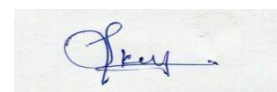
#### **Master of Engineering:**

**Title:** Pairwise Directional Path Diversity Routing Based on Wireless Sensor Networks

**Description:** Determining the pairwise nodes around the source and finding the best path from source to destination. To prevent the packet dropping due to the low energy of the nodes. Declaring multiple nodes as source to protect from time delay and energy insufficiency.

#### **Declaration:**

I hereby declare that the above-furnished details are true to the best of my knowledge.



**(KAVITHA.S)**