

**Faculty Name: Sujatha R**

**Educational Qualification:**

Degree	Branch	Institution	Year
M.E.	CSE	J.J.College of Engineering & Technology, Manapparai	2010-2012
B.Tech.	IT	Kurinji College of Engineering & Technology, Manapparai	2006-2010

**Experience:**

Period	No. of. Years	Designation/Nature of job	Institution/Organization
08.06.15-uptodate	3 years 3 Months	Assistant Professor	Sri Krishna college of Technology
10.06.13-25.02.15	1 year 8 Months	Assistant Professor	J.J.College of Engineering & Technology
15.06.12-06.06.13	11 Months	Assistant Professor	Shivani Engineering College

• **Area of Specialization:**

1. Data Mining
2. Artificial Intelligence
3. DAA
4. IOT

• **FDP/ Workshops Attended:**

1. Attended a Five days Faculty Development Program on “ **Machine Learning**” on 18<sup>th</sup>-23<sup>rd</sup> May 2018 at Sri Krishna College of Technology, Coimbatore.
2. Attended a two days Faculty Development Program on “ **Cloud Infrastructure and services**” on 19<sup>th</sup>-20<sup>th</sup> March 2018 at Nehru Institute of Technology, Coimbatore.
3. Attended a two days Hands On Workshop on “**Enterprise Application development on Cloud**” on 30<sup>th</sup>-31<sup>st</sup> October 2017 at SKCT.
4. Organized and Attended a two days Faculty Development program on “**Data Structure and Applications**” on 27<sup>th</sup>-28<sup>th</sup> June 2017 at SKCT.

5. Attended a two days Faculty Development program on **“Exploring Data science”** conducted by Tecknoturf Info Service Pvt Ltd,Coimbatore on 27<sup>th</sup> and 28<sup>th</sup> Jan 2017
6. Attended one day workshop on **“Goal setting”** organized by CPDT of SKI on January 2016.
7. Attended a two days Faculty Development program on **“Artificial Intelligence”** conducted by CSE department at Sri krishna College of Technology on 23<sup>rd</sup> and 24<sup>th</sup> May 2016.
8. Attended a Skill Development program on **“Deeper learning through Questioning”** organized by CPDT, SKI.
9. Attended one day workshop on **“Data modeling and visualization tool Tableau”** at Sri Krishna College of Technology.
10. Attended one day Faculty Development Program on **“Design and Analysis of Algorithms”** at Sri Krishna College of Technology, June 2015
11. Attended one day Faculty Development Program on **“Theory of Computation”** at Sri Krishna College of Technology,June 2015

#### ● **Events Organized:**

1. Organized a two days Faculty Development program on **“Data Structure and Applications”** on 27<sup>th</sup>-28<sup>th</sup> June 2017at SKCT
2. Organized one day Hands on training on **“Big data analytics with Solr”** by Mr.K.Samraj Technical Lead at Exterro RnD Tidal park, Coimbatore.
3. Organised a two days Faculty Development program on **“Artificial Intelligence”** conducted by CSE department at Sri krishna College of Technology on 23<sup>rd</sup> and 24<sup>th</sup> May 2016.
4. Organized two days Faculty Development program on **“Data Center Virtualization Fundamentals”** conducted by ICT Academy” at Sri Krishna College of Technology.
5. Organized **Alumni Meet – RENDEZVOUS ’ 2015** at Sri Krishna College of Technology, on behalf of CSE department.
6. Organized and Handled a session on **“Skill Development Program”** for Unemployed Youth, Inaugurated by Mrs.Archana Patnaik, District Collector, Coimbatore and Respected Chairperson and Managing trustee of SKI Ms.S.Malarvizhi.

#### ● **International Journal:**

1. R.Sujatha, R.Anitha Nithya **“Decision Tree Classification for Traffic Congestion Detection Using Data Mining”** in THE IJET journal (UGC Approved Journal)pp 232-243, Volume 9, Issue 3,March 2018.

2. R.Sujatha, R.Anitha Nithya “**A Survey On Soil Monitoring And Testing In Smart Farming Using IoT And Cloud Platform**” in THE IJERA journal (UGC Approved Journal) pp 1234-1241, Volume 7, Issue 11, November 2017.
3. R.Sujatha, “**Mining High Utility Pattern in One Phase without Candidate Generation using UpGrowth+ Algorithm**” in THE IJETT journal, Volume 6, Issue 3, March 2017.
4. R.Sujatha, “**Preventing DDos Aattack Using Fuzzy C mean Clustering**” in IJRSE, pp 543-547, Volume 6, Issue 2, February 2017.
5. R.Sujatha, R.Anitha Nithya “**A Survey of Health Care Predictions Using Data Mining**” in IJRSET journal, pp 2345-2351 Volume 5, Issue 8, August 2016.
6. R.Sujatha, R.Anitha Nithya “**Enhancement in Analysis of Missing Value Imputation Based on Data Clustering**” in THE IJST journal Volume III, Issue IX, September, 2015.

• **International / National Conferences:**

1. Presented a paper titled “**AUTOMATED BUS TICKETING SYSTEM USING NFC**” in IEEE sponsored 3<sup>rd</sup> International Conference on Innovations in information, embedded and communication system (ICIIECS'16).
2. Presented a paper titled “**A Survey On Big Data Mining Using Map Reduce Algorithm**” in the National Conference on Research Challenges in Internet of Things and Cloud Computing RCIC'16 at SKCT on 3<sup>rd</sup> March.
3. Presented a paper titled “**Enrichment in analysis of mixed attribute data set using clustering**” in the National Conference on Research Challenges in Internet of Things and Cloud Computing RCIC'16 at SKCT on 3<sup>rd</sup> March

• **Patent:**

S.NO	Members List	Title	Date	Status
1	Ms.R.Sujatha, Dr.A.Balamurugan, Ms.R.Anitha nithya	Drone Grove –A SMART Copter for cleaning Railway track	11-12-2017	Filed
2	Ms.P.Anantha prabha , Ms.R.Sujatha	Mileage Monitoring Device for Vehicle	29-1-2018	Filed

3	Ms. R. Anitha Nithya, Dr.A.Balamurugan, Dr. P. Tamije Selvy, Ms. R. Sujatha, Ms. P. Ranjitha	Notify Parents on Kid's Safety Monitoring and Alarm System using IOT	19-03-2018	Published
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• **Industrial Connect Activities:**

S.NO	Name Of Company & Address	Contact (SPOC)	Purpose (Placement/ Internship/Training/ Project Ideas)	Date & Faculty Visited
1.	Aes Technologies 5030, 2nd Floor, Sreevatsa Center, Mettupalayam Road, G N Mills Post, Coimbatore - 641029	MS. MEERA NADHA GOPAL, HR 0422 422 9100	Internship / Placement offers	Ms. R. Anitha Nithya & Ms. R. Sujatha 08.10.2017
2.	Xcodefix 9/5 Subramaniam Road, Opp To Corporation Boys High School, Ramanathapuram, Coimbatore, Tamil Nadu 641045	MR. GURU, HR 9865236003	Internship	Ms. R. Anitha Nithya & Ms. R. Sujatha 08.10.2017

• **Online courses completed:**

Completed 2 NPTEL Courses

- i)Outcome Based Education
- ii)Design and Analysis of Algorithms

Completed 2 Course in Course Era

- i)IOT
- ii) Management Skills

• **Membership In Any Professional Body / Institute / Society Others**

**ACM,IJET**