

## **T.SUJEETHA DEVI**

**27B/62 Mandu Kanness Warar Koil street,  
Kanchipuram-631502.**

**TamilNadu.**

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### **CARRIER OBJECTIVE**

To achieve a position that enhance my professional competency and contributes my best efforts towards company performance and development.

### **EDUCATIONAL QUALIFICATIONS**

1. **MASTER OF ENGINEERING (M.E): CGPA-9.13** in (2016-2018) COMMUNICATION SYSTEM (M.E-CS), Rajalakshmi Engineering College Thandalam, Chennai.
2. **BACHELOR OF ENGINEERING (B.E): CGPA-8.81** in (2012-2016) ELECTRONICS AND COMMUNICATION ENGINEERING (ECE) Rajalakshmi Engineering College, Thandalam, Chennai.
3. **HIGHER SECONDARY: 94%** in (2011-2012) State Board in S.S.K.V Matriculation Higher Secondary School, Kanchipuram.
4. **S.S.L.C:95%** in (2009-2010) Matriculation Board in S.S.K.V Matriculation Higher Secondary School, Kanchipuram.

### **TECHNICAL SKILLS**

Programming Language- C,C++.

Software Known –Basics of MATLAB,NS2

### **CERTIFICATION**

1. Certification on “**Employability Enhancement Training Program**”(silver,gold,platinum courses) in REGIONAL TELECOM TRAINING CENTER –BSNL sponsored by AICTE **Maraimalainagar**, Chennai.
2. Certification on **BASICS OF C** in S.S.K.V Matriculation Higher Secondary School, Kanchipuram.

### **UG MINI PROJECT**

Presented Mini Project on **AUTOMATIC WATER LEVEL INDICATOR (CIRCUITS)** in Rajalakshmi Engineering college, Chennai.

### **PG MINI PROJECT**

Presented Mini Project on **ANTI THEFTING OF TWO WHEELERS BY USING ACCELEROMETER(WIRELESS AND EMBEDDED SYSTEMS)** for Innovative System Design Lab in Rajalakshmi Engineering College and published in JISER (Journal of Innovation in science and Engineering Research), Chennai.

## UG FINAL YEAR PROJECT

**TITLE: DESIGN AND IMPLEMENTATION OF VIRTUAL INVIGILATION SYSTEM AND SMART EXAM SCHEDULER**

1. Won a Best project among the **department level in Rajalakshmi Engineering College.**
2. Presented the same project on **“International conference on Innovative and Emerging Trends in Engineering and Technology (ICIETET ‘16)”** in Panimalar Institute of Technology, Chennai.
3. Published the same project paper on the journal **“Annexure-2 ADVANCES in NATURAL and APPLIED SCIENCES”**.(page no 367-373).

## PG FINAL YEAR PROJECT

**TITLE: COGNITIVE RADIO BASED RESOURCE ALLOCATION AND JOINT ROUTING IN WIRELESS SENSOR NETWORK**

1. Presented the paper title **“Cognitive radio based routing in wireless sensor network”** on **“International Conference for Scientific Research and Development”** (Hiko Hiko 2K18) in Indira Gandhi College of Engineering and Technology, Kanchipuram.
2. Presented the paper title **“Cluster Based Joint Routing with Mobile Sink in Wireless Sensor Networks”** on International Conference On Advanced Scientific Innovation in science, Engineering And Technology” (ICASISSET-2018) in Bharath University ,Chennai
3. Paper titled **“Cluster based energy efficient Joint routing algorithm for delay minimization in wireless sensor network”** published in Scopus indexed journal **“International Journal of pure and Applied mathematics”**, Volume 119, no.15 2018, Pp 307-313.
4. Presented the paper title **“Cognitive Radio Based Resource Allocation and Joint Routing With various Topologies in Wireless Sensor Networks”** on International Conference On Photonics and High speed Optical Networks” (ICPHON-2018) in S.A Engineering College, Chennai and submitted for the Publication in **“IEEE INTERNATIONAL CONFERENCE ON PHOTONICS AND HIGH SPEED OPTICAL NETWORKS ICPHON 2018”**.,Pp 162-167.
5. Paper titled **“RESOURCE ALLOCATION AND JOINT ROUTING WITH ISOLATED NODES USING COGNITIVE RADIO WIRELESS SENSOR NETWORKS”** submitted for publication in **“Wireless network –journal”**.

## ACHIVEMENTS

1. Secured **48 th rank** in **anna university rank holders** list for B.E (ECE) 2012-2016 batch.
2. Won Department topper in 2,3,4,5<sup>th</sup> semester and won **P.A Ramakrishnan merit** Award for securing highest score in consecutive semesters (1,2,3 semester) in B.E(ECE)Rajalakshmi Engineering College.
3. Awarded **Prof.G.Nagaligam** Award for securing centum in **Mathematics in 12<sup>th</sup>** and Awarded **Sri Ramaswamy Sastriar** Award for securing centum in **science in 10<sup>th</sup>** standard public examination in S.S.K.V Matriculation Higher Secondary School ,Kanchipuram

## **INPLANT TRAINING AND INDUSTRIAL VISIT**

1. Inplant Training on “**BASICS OF NETWORKING**” in **UNIQ TECHNOLOGIES** Chennai.
2. Industrial visit to **XCEL SOLUTIONS, METROLOGICAL CENTRE, AUTOMATIVE SOLUTIONS,** Chennai.

## **EXTRA CURRICULARS**

1. Attended Workshop on National Level Workshop on “**MEMS AND ITS APPLICATIONS- 2017**” On 15<sup>th</sup> & 16<sup>th</sup> March 2017 Organized by Centre of Excellence in MEMS & Microfluidics (CEMM) in Rajalakshmi Engineering College, Chennai.
2. Won **2<sup>nd</sup> prize** in Detect and Debug in e-colloquium 2k15 and Presented Paper on **AUTOMATIC HOMESecurity SYSTEM USING GSM** held in Aringnar Anna Institute Of Technology, Pennalur, Chennai.
3. Volunteer in symposium **REVOTRONICS15** in Rajalakshmi Engineering College.
4. **Leadership Training Camp** under **M.R.PAI FOUNDATION** in S.S.K.V Matriculation Higher Secondary School, Kanchipuram.
5. Won 3<sup>rd</sup> prize in **General Quiz competition** held on 2011 in Sri Andhal Azhagar Engineering College, Chennai.

## **KEY SKILLS**

1. Problem solving skills
2. Passion to learn about new things
3. Leadership Quality, Self-Motivated, Honest.
4. Punctual, Hardworking, Action oriented.

## **AREAS OF INTEREST**

1. Computer Networks
2. Digital Electronics

## **PERSONAL DETAILS**

DATE OF BIRTH	:	16.08.1995
AGE	:	23yrs
GENDER	:	Female
LANGUAGES	:	SPEAK, READ, WRITE-Tamil and English, SPEAK-Telugu.
FATHER’S NAME	:	G.Thambidurai
MOTHER’S NAME	:	R.Sasikala
HOBBIES	:	Listening music, Cricket, Spending time with pets.

## **DECLARATION**

I hereby, declared details furnished above are true to the best of my knowledge.

**Authentically,**

**PLACE:**

**DATE:**

**T.SUJEETHA DEVI.**

