

**M.MADHURA**1440, 11<sup>th</sup> cross, 1<sup>st</sup> main,

K.S. Town,

Bangalore-560060.

Contact no: 8220308355

E-mail: [akilamadhu1512@gmail.com](mailto:akilamadhu1512@gmail.com)**Career Objective:**

To work in a highly challenging environment where I can prove my dynamism and skills, thereby contributing to the growth of the company/institution remaining as an autonomous lifelong learner.

**Educational Qualifications:**

S.No	Coarse/Degree	Name of the Institution	Year of Passing	Percentage/Class
1	M.E.(Communication Systems)	Saranathan College of Engineering, Trichy-620012.(Anna University,Chennai)	2016	8.17(CGPA)FIRST CLASS
2	B.E.(Electronics And Communication Engineering)	Saranathan College of Engineering, Trichy-620012. (Anna University,Chennai)	2014	8.12(CGPA)FIRST CLASS
3	Higher secondary (State Board)	Vignesh Sri Renga Matric H.S.S., Srirangam, Trichy-620 006. TN	2010	91% -First Class
4	10 <sup>th</sup> (ICSE)	KamakotiVidyalaya, Trichy-620 002.TN	2008	82.5% - First Class

**➤ GATE Score 2016- 21.70****Certificates received:**

- ❖ Obtained a “pass with merit” in the ‘Business English Certificate (BEC)’ exams,conducted by University of Cambridge.
- ❖ Obtained a certificate from Rajiv Gandhi Memorial Telecom Training Centre (RGMTTC), BSNL for the project titled “AUTOMATED AND SECURE CONFIGURATION IN IPv6 ENTERPRISE TUNNELING NETWORK” during Jan to May 2016.

**Publications:**

- ❖ Published my UG project work “Comparison of Supervised Classification Methods on Remote Sensed Satellite Data: An Application in Chennai, South India” as a paper in International Journal of Science and Research, Feb, 2015.
- ❖ Published my PG phase I work “An Energy-Efficient Attack-Resistant Trust model in Underwater Wireless Sensor Networks” in the Middle East Journal of Scientific Research.
- ❖ Accepted for publication – “HydroCast Pressure based Routing Mechanism for Underwater Acoustic Sensor Networks” in ARPN Journal of Engineering and Applied Sciences (scopus indexed journal) with ISSN-1819-6608.

**PG Project:**

- ❖ An Energy-Efficient Attack-Resistant Trust model in Underwater Wireless Sensor Networks in phase I.
- ❖ HydroCast Pressure based Routing Mechanism for Underwater Acoustic Sensor Networks in phase II.

**Presentations:**

- ❖ Presented a paper titled “HydroCast Pressure based Routing Mechanism for Underwater Acoustic Sensor Networks” in the “International Conference on Broadband and Wireless Technologies ICBWT’16” on June 2016 at Sri Sai Ram Engineering College, Chennai.
- ❖ Presented a paper titled “An Energy-Efficient Attack-Resistant Trust model in Underwater Wireless Sensor Networks” in the National Conference on “Recent Trends in Advance Communication Systems and Signal Processing”(NCACSP) held on March 2016 at Saranathan College of Engineering, Trichy.
- ❖ Presented a paper on “Fuzzy Logic” at Saranathan College of Engineering- ‘ELCOMM FEST 2K12’ September 2012.

**In-Plant Trainings:**

- ❖ Attended an IPT at Doordarshan Maintenance Centre, Trichy-December 2011.
- ❖ Attended a certificate course on “Analysis of signals and systems in MATLAB” at Saranathan College of Engineering-December 2011.

**Industrial Visits:**

- ❖ “Kodai FM” at Kodaikanal on April 2012

**Computer Literacy:**

❖ C,MS Office, MATLAB,GNS3, NS2, ERDAS, Xilinx ,JAVA

**Assets:**

❖ Optimistic,enthusiastic, team builder

**Personal Details:**

- ❖ Date of Birth : 15.12.1992
- ❖ Nationality : Indian
- ❖ Gender : Female
- ❖ Husband's name :R.BHARAT
- ❖ Husband's occupation:Scientist,STRAND Lifesciences ,Bangalore
- ❖ Languages known: English, Tamil, Hindi and Sanskrit.

**References:**

1. Mr.K.C.Ramamurthy,  
(Executive Director (EDN)Retd.BHEL,Bangalore)  
1440, 11th cross, 1st main,  
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2) Dr. M.Santhi, M.E., Ph.D.,  
Professor &Head, Dept. Of ECE,  
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3) Dr. C.Vennila, M.E., Ph.D.,  
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**DECLARATION:** I hereby declare that the above mentioned information are true to my knowledge.

**Place:**Bangalore

**Date:**

**SIGNATURE**  
(M.Madhura)