

## RESUME

### INDHU.M

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### CAREER OBJECTIVE

Aim to be an associate with a progressive organization that gives me scope to update my knowledge and skills in accordance with the latest trends and be part of a team that dynamically works towards growth of organization and gains satisfaction thereof.

### WORK EXPERIENCE

Worked as an Assistant professor in the department of Electronics and Communication Engineering at Selvam College of Technology , Namakkal from 03.06.2013 to 15.04.2015 (2 years)

### ACADEMIA

Exam/ degree	University/ Board	Institution	Year of passing	Percentage/ CGPA
ME- Applied Electronics	Anna University Chennai	SriRam Engineering college, Chennai	2013	CGPA- 8.75
BE-ECE	Anna University of Technology Coimbatore	Sri Ramakrishna Institute of Technology Coimbatore	2011	CGPA- 8.97
XII	TamilNadu Stateboard	Bharathi Higher Secondary School Namakkal	2007	87.58 %
X	Matriculation	Kurinji Matriculation School Namakkal	2005	92.00%

## TECHNICAL SKILLS

- **Programming Languages** : VHDL, VERILOG, Basics of C, MATLAB
- **Interested subjects** : Digital Electronics, VLSI, DSP
- **Operating Systems** : Windows Family(XP,2007,2010)
- Life term member in ISTE (LM 102989)

## UG PROJECT DETAILS

**Project Name** : **A High Speed Low Power Truncated Error-Tolerant Adder**

**Platform** : VLSI

**Description** : Increasing the speed of the adder by reducing the delay occurring due to the propagation of carries in the adder and thus minimizing the power consumption in the circuits

## PG PROJECT DETAILS

**Project Name** : **Switching activity localization and reducing the Activation time of Hardware Trojan using scan flip flop**

**Platform** : VLSI

**Description** : Reducing the activation time of hardware trojan by inserting the dummy scan Flip flop and analyzing the switching activity of each net and reordering the Scan flip-flop to enhance the hardware trojan detection

## CO-CURRICULAR ACTIVITIES

- Presented paper in International Conference on “Electrical , Electronics & Computer Engineering”
- Presented paper in International Conference on “Engineering & Applied Science”
- Presented paper in International Conference on “Innovations in Intelligent Instrumentation, Optimization & Signal Processing”
- Participated in the National Conference on CCCA(Communication, Computation, Control, and Automation)
- Participated in Two-week ISTE Workshop on **Computer Programming** conducted by IIT Bombay.
- Participated in Two-week ISTE Workshop on **Signals and Systems** conducted by IIT Kharagpur

- Participated in Two-week ISTE Workshop on **Control Systems** conducted by IIT Kharagpur.

## ACHIEVEMENTS

- Have organized National Conference on “Advancement in Electrical Power ,Signal Processing and Communication Network Systems”
- Achieved Anna University 24<sup>th</sup> rank in Applied Electronics
- Acted as a time table incharge for the department of ECE
- Acted as class advisor

## PERSONAL SKILLS

- Exceptional motivational and leadership skills
- Excellent communication skills in written and verbal both
- Remarkable patience with reliability and responsibility
- Ability to make a strong and healthy relation among the employees

## PERSONAL DETAILS

**Name** : INDHU M  
**Fathers name** : MUTHUSAMY K  
**Spouse name** : PRABHAHARAN. S  
**Date of Birth** : 26<sup>th</sup> April 1990  
**Marital status** : Married  
**Nationality** : Indian  
**Languages known** : English, Tamil  
**Hobbies** : Listening to music, cooking

## DECLARATION

I hereby assure that all the details given above are true to the best of my knowledge

Yours faithfully,  
(INDHU M)