

**AKSHAY B S**

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**OBJECTIVE:**

- ✓ To work in an organization where I can acquire new knowledge, sharpen my skills and put my efforts on achieving organization as well as personal goals

**EDUCATION:**

- ✓ S.D.M. Institute of Technology (2016-2020) B.E. electronics and communication engineering  
CGPA -5.8
- ✓ S N P U College (2014-2016) PUC by Karnataka P U Board  
Percentage-63%
- ✓ Govt High School (2014) SSLC by Karnataka Board of Secondary Education  
Percentage-82%

**INTERNSHIP:**

- ✓ @ Techni lab Instruments, Bengaluru from 8th July to 5th august 2019, and studied regarding Antennas and Hardware components required to assemble the devices.

**PROFESSIONAL TRAINING:**

- ✓ Undergone a training for the role of **Design for testability(DFT)** Engineer from ChipEdge Technologies Pvt. Ltd. Bengaluru
- ✓ Tool worked on: Synopsys
- ✓ Received training on Linux, Digital Design, DFT Techniques

**SKILLS:**

- ✓ DFT methodology: Scan, ATPG and simulation
- ✓ **Tool:** DFT compiler, TetraMax and VCS
- ✓ Verilog, HDL and Basics of C
- ✓ Scripting Languages: TCL, Perl basics

**PROJECT EXPERIENCE:**

**Project on internal assignments**

- ✓ Role: Engineer Trainee
- ✓ Tool: DFT compiler, TetraMax and VCS
- ✓ Internal Project
- ✓ Performed two projects working as an individual for given netlist using synopsys tool

**RESPONSIBILITIES:**

- ✓ Performed Scan DRC's cleaning and done scan insertion on subblocks
- ✓ Performed scan compression technique
- ✓ ATPG Pattern generation, coverage analysis and coverage debug
- ✓ Simulation of generated ATPG pattern for Stuck-at and Transition fault models
- ✓ Worked on test and fault coverage improvement to achieve the target
- ✓ Debugged the simulation mismatches for retargeted patterns

**LEADERSHIP:**

- ✓ Team leader in DST & Texas Instruments India Challenge Design contest 2018.
- ✓ Team leader in our final year project.
- ✓ Vice Chair Person Youth Red Cross, SDMIT.

**PROJECTS:(Academic)**

- ✓ Buzzer using Op-amp able to detect very small signals and produce sound through buzzer.
- ✓ Design and implementation of pyroelectric Infrared sensor-based security system. This project mainly focuses on security system in restricted areas.

**EXTRA CURRICULAR ACTIVITIES:**

- ✓ Vice Chair Person Youth Red Cross, SDMIT. we have arranged two blood donation camp and Breast cancer awareness camp.
- ✓ Member of Orators' club SDMIT.
- ✓ Organizer of collage level Treasure hunt, with 200+ participants and 50+ coordinators.
- ✓ Organizer of Minute to win It competition, with 70+ participants.
- ✓ Mentored for first year students for organizing cultural event.

**LANGUAGES KNOWN:**

- ✓ English, Hindi, Kannada, Marathi, Telugu, Urdu.