

Sangeeta S Rao

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EDUCATION

BTech. in Electronics & Communication Engineering <i>PES University</i> 8.98/10 CGPA	2017-2021
Higher Secondary Education, State Board <i>Sri Kumarans Children's Home Pre University</i> Physics, Chemistry, Mathematics and Biology 98%	2015-2017
Secondary Education, CBSE <i>Sri Aurobindo Memorial School</i> 10/10 CGPA	2002-2015

PROJECTS

Two-sequence detector with Mealy overlap Designed a binary sequence detector with Mealy Overlap using Verilog and implemented it on an Field Programmable Gated Array Board	Oct-Nov '18
Data Science Analysis on Wipro Stocks using R Time Series Analysis on stocks using Principle Component Analysis in R	Nov-Dec '18
Ball Tracking and Following robot using Python Designed a robot that recognizes a ball and kicks it towards a goal using a Raspberry Pi, in Python using Open CV	Jan-Apr '18

SKILLS

Python | C | Verilog | R | Matlab | Scilab | QUCS | Latex | Git

COURSES

Control Systems
VLSI
Computer Organisation
Digital Circuit Design (UE17EC203)
Signals and Systems (UE17EC204)
Analog Circuit Design (UE17EC202)
Network Analysis and Synthesis (UE17EC201)
Engineering Mathematics (UE17MA207)

AWARDS & ACHIEVEMENTS

CNR Merit Scholarship, Semester I, II at PES University for being in the top 20% of the Electronics and Communication Department.

Best Speaker, English Debate at Sri Aurobindo Memorial School in grade 9,10 and 11.

VOLUNTEERING

Swachh Bharath Campaign, Tree Plantation Drive, Oct 2017

Parikrama Centre for Learning, taught Math and English to grade 8 children, July 2017

PES University, organized the Blood Donation Camp, Jan 2018