

## EDUCATION

- May/2007      **Master of Technology**  
Stream: Information and communication engineering  
Specialization: VLSI  
M.Tech Thesis: "Parameter Estimation Using particle Filter Algorithm"  
Grade: First Class  
CGPA: 8.1
- Sept/2004      **Bachelor of Technology, CUSAT Kochi, Kerala**  
Stream: Electronics and communication engineering  
Grade: First Class  
Percentage: 64

## PUBLICATIONS

- "PARAMETER ESTIMATION USING PARTICLE FILTER", International Journal of Computer Application , Vol: 4, August 2010
- "Modelling of Skid Steered Wheeled Vehicle" International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 3, March 2013
- " Performance Improvement of ALU by D3L logic", Elsevier Procedia Computer Science Volume 46 (2015)
- Mesh Radio -CTWWC 09
- Modeling of On Chip Inductance- VLES 09
- CMOS PHOTONICS- ICVCOM 2009
- Active Pixel Architecture in Standard CMOS Technology -NCET RFSP 2010

## PROFESSIONAL EXPERIENCE

- 09/04/2007  
onwards      **Assistant Professor**  
Institution: SAINTGITS College of Engineering, Kottayam, Kerala
- Member: IETE, ISTE  
Post Held: NSS APO, Nature Club Head, Forum Head , Union Head

## AREA OF INTEREST

- IOT BASED PROJECTS
- FPGA BASED SIMULATION
- ALU BASED MENTORGRAPHCS SIMULATION
- CADENCE BASED SIMULATION
- TRANSPORTATION BASED PROJECTS
- ENVIRONMENT BASED PROJECTS

## SUBJECTS HANDLED

- VLSI TECHNOLOGY
- CAD BASED VLSI
- CMOS VLSI
- MOSFET BASED CIRCUITS
- COMPUTER ARCHITECTURE
- MICROPROCESSORS
- VLSI FABRICATION

Project Selected

- » KTU KETKON Selected 2016
- » KTU KETKON Selected 2017
- » KSCSTE Selected 2015

#### REFERENCES

- » Prof .Dr. MC Philipose , Principal SAINTGITS,  
Phone:9946449179
- » Rahul R Nair. IPS, AIG Kerala Police  
Phone:9496752057



