

Manoj Cherukumalli

(06EC3210)

Date of Birth: 1st June, 1989

Contact

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Academic Qualifications

YEAR	DEGREE / CERTIFICATE	UNIVERSITY	% / CGPA
2011	Dual degree in E & ECE with specialization in Microelectronics and VLSI Design	IIT Kharagpur	7.21
2006	CLASS-XII, Board of Intermediate Education, Andhra Pradesh	Sri Sai Cooperative Junior College, Vijayawada	92.9 %
2004	CLASS-X, Board of Secondary education, Andhra Pradesh	New Era Public School, Khammam	94.33 %

Academic Distinctions

Competitive Examinations	<ul style="list-style-type: none">• All India Rank 795 in IIT-JEE (top 0.2%), 2006.• All India Rank 941 in AIEEE (top 0.2%), 2006.• All India Rank 63 in VITEEE conducted by Vellore Institute of Technology, Vellore in 2006.
Scholastic Achievements	<ul style="list-style-type: none">• Consistence performance in Maths with 100% in Class-X and 96.6% in Class-XII.

Academic Projects Undertaken

INTERNSHIP	ISRO, Kharagpur	May'09 – July'09
<ul style="list-style-type: none">✓ Worked on Tea Garden Management Software (MIS) used to provide information about functioning of Tea Gardens through Web Interface.✓ Gained experience in VB, ASP.NET, MySQL.		
B.Tech Project	IIT Kharagpur	July'09 – May'10
<ul style="list-style-type: none">✓ Worked on "Noise Characterization in p-type Nanowire FinFETs" under Prof.C K Maiti, regarding characterization of flicker noise and RTN noise in FinFETs.		
M.Tech Project	IIT Kharagpur	May'10 – May'11
<ul style="list-style-type: none">✓ Development of Co-Simulation environment for Top-Down AMS Design flow and developing Regression Models using Singular Value Decomposition technique.		

Skills

- **Programming Languages:** C, C++, HTML
- **Engineering Tools:** AUTOCAD, MATLAB, PSpice, Xilinx, Cadence, Medici, Nanosim and VCS
- **Operating Systems:** Linux and Microsoft Windows

Positions of Responsibility

- ✓ **Maintenance Secretary** of **JCB Hall of Residence**, 2007-08 with the responsibility of maintaining hall and its funds.

Extra Curricular Achievements

- ✓ Member of **Bronze** winning Inter-Hall Cricket team for Megnad Saha Hall in 2009-10.
- ✓ Received **Blue belt in Karate** from Zen Shitoryu School, West Bengal.
- ✓ Member of National Cadet Corps (NCC) of Indian Army. Annual Training Camp completed successfully.
- ✓ Member of National Service Scheme (NSS) during 2007-08.