

# Nakul Garg

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## OBJECTIVE

*To create "things" that can solve noteworthy problems of mankind.*

## EDUCATION

Course	College/School	Passing Year	Pass Percentage
B.Tech, ECE	Bharati Vidyapeeth's College Of Engineering, Delhi	2018	68(upto 5th Sem)
CBSE 12th	Saint Mark's Sr. Sec. Public School	2014	90
CBSE 10th	Saint Mark's Sr. Sec. Public School	2012	82

## PROJECTS

1. Aerial Surveillance Quadcopter
2. Touch Based Home Automation
3. IOT based Temperature Logger
4. Li-Fi
5. FireBird V based Mars Rover Navigation and 3D Modelling
6. Raspberry pi based Personal Cloud Storage
7. Anti Car Theft System with SMS alert app
8. FireBird V based Puzzle Solving Robot
9. XBee based Swarm Robotics
10. Computer Vision for Self Driving Car
11. Rubik's cube Solver
12. Propeller Clock
13. Wireless Odometer
14. Automated Surveillance System
15. AVR based Propeller Display

**TRAINING  
AND  
INTERNSHIP**

- Prismart Productions - Robotics Executive Sept'16-April'17
- STEM Education in INDIA Dec'16-Jan'17
- IOT Deployment, by Texas Instruments Aug'16-Sept'16
- Fabless IC Design June'16-Aug'16
- Spartan-6 FPGA June'16-Aug'16
- IQB Solutions - Technology Intern Sept'15-May'16
- Embedded Systems, by IQB Technologies May'15-Sept'15
- PCB Designing, by IQB Technologies May'15-Sept'15
- Computer Vision Training June'15-July'15
- Electronics, A series of workshops by Cool Junk May'10-Sept'14

**RESEARCH  
PUBLICATIONS**

1. Waiting for result of CSI National Student Project Awards 2017

**TECHNICAL  
SKILLS**

- C/C++
- Python
- Matlab
- Raspberry Pi
- Arduino
- FireBird V
- Latex
- Xctu
- Putty
- Xming, ModelSim
- Verilog, VHDL
- FPGA Spartan-6
- Embedded C (AVR, TI, 8051)
- esp8266, nodemcu
- KK2 Multicopter
- Pixihaux, APM 2.6/8
- 555 timers, opamps

**AWARDS AND  
ACHIVEMENTS**

- All India 1<sup>st</sup> in eYantra Robotics Competition 2017 at IIT BOMBAY
- All India 2<sup>nd</sup> in eYantra Robotics Competition 2016 at IIT BOMBAY
- Ranked 44 in IEEE XTreme Hackathon 2016
- 1<sup>st</sup> in Robotron TechMarathon'15, DDUC, Delhi University
- Among top 6 in National CBSE Science Exhibition 2013
- 4<sup>th</sup> in International Level Quanta, CMS School, Lucknow, 2013
- 1<sup>st</sup> in Regional level CBSE Science Exhibition 2012
- 1<sup>st</sup> in Annual School Science Exhibition 2011
- 1<sup>st</sup> in Annual School Science Exhibition 2010
- 2<sup>nd</sup> in Annual School Science Exhibition 2009

<b>SOFT SKILLS</b>	<div>1. Team Work and Leadership</div> <div>2. Time Management</div> <div>3. Efficiency Deployment</div>	
<b>EXTRA CURRICULUR ACTIVITIES</b>	<div>• Analysing Human Behaviour and Neural Networks</div>	
<b>CO-CURRICULUR ACTIVITIES</b>	<div>1. Head Research and Development, BVPIEEE-RAS</div> <div>2. Vice-Chairperson, BVPIEEE-RAS</div> <div>3. Head Technical Affairs, RAU</div> <div>4. Event Manager, Fervour’16</div> <div>5. Event Manager, BVEST’16</div>	<div>Aug’15-May-16</div> <div>Aug’16-May-17</div> <div>Aug’16-May-17</div>
<b>PERSONAL DETAILS</b>	<div>Father’s Name</div> <div>Mother’s Name</div> <div>Sex</div> <div>Date of Birth</div> <div>Nationality</div> <div>Martial Status</div>	<div>Sunil Kumar Garg</div> <div>Kavita Garg</div> <div>Male</div> <div>22/08/1996</div> <div>Indian</div> <div>Unmarried</div>
<b>REFERENCES</b>	<div>1. Name : Dr. Kirti Gupta</div> <div>Desig: Professor, ECE Department</div> <div>Email: kirti.gupta@bharatividyapeeth.edu</div> <div>2. Name : Mr. Abhishek Gagneja</div> <div>Desig : Assistant Professor, ECE Department</div> <div>Phone:+91 – 99711 – 22557</div> <div>Email: abhishek.gagneja@bharatividyapeeth.edu</div>	
<b>DECLERATION</b>	I hereby declare that the above written particulars are true to the best of my knowledge.	
<b>DATE</b>	24 April 2017	