



Kaustubh Agrawal

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Noida, Delhi

EDUCATION

Integrated B.Tech & M.Tech, Electronics and Communication (2013 - 2018)

Jaypee Institute of Information Technology, Noida

CGPA : 6.30/10

XII (Senior Secondary), Science

Year of Completion: 2013

CBSE Board (Lal Bahadur Shastri Senior Secondary School)

Percentage : 91.00%

X (Secondary)

Year of Completion: 2011

ICSE Board (Wynberg Allen School)

Percentage : 92.60%

INTERNSHIPS

Communication And Technical Networking

Reliance Jio Infocomm Ltd. (Gurgaon)

Jan 2018 - Jun 2018

Technical work included working on office offsites of antennas and towers. Work and research on optical fibre communication division was also carried out along with practical exposure of telecommunication and networking / 4G market and hardware.

Embedded Systems And Microcontrollers

Embedded Technologies (Ghaziabad)

Jun 2016 - Aug 2016

A thorough study of AT89C51 Micro-controller was done along with various projects based on technologies involving the same were carried out and completed successfully.

Communication And Networking Department

BSNL (Lucknow)

Jun 2015 - Aug 2015

I had completed successful training in BSNL office involving basic primary communication systems and analysis.

Technical Service

HAL (Hindustan Aeronautics Limited) (Amethi)

May 2014 - Jul 2014

Summer internship regarding the operations and working in the technical and electronics power department of the facility.

POSITIONS OF RESPONSIBILITY

- Served as co-ordinator of various quizing and debating events in school and college.
- Served as a co-ordinator of Literary Hub at college.

Served as the Head of the Hospitality and Management Department in the annual techno-cultural fest of JIIT.

Also served as the Security Head at the College fest of JIIT.

- Participated as a delegate in Jaypee youth Parliament in first and second year at college and spoke on some important concerns of india at that time.

Served as the member of the public relations department in the successfull event of Jaypee MUN.

- Worked in many NGO's dealing with child labour, drugs and save water campaign.

Project leader in Reducing Plastic Wastes cleanliness project in 2015 for jaypee collage in noida region.

Also worked as a member of AISEC organisation for 2 years.

PROJECTS

M.TECH DISSERTATION / THESIS

Jan 2018 - Jun 2018

The Dissertation was entitled "DEVELOP MIMO COMMUNICATION LINK".

MIMO communication Links of different diversity i.e. 2×4 , 4×2 , 4×4 etc. were implemented in both matlab and simulink and output graphs were plotted and future prospects were studied.

M.TECH SEMINAR AND TERM PAPER

Jul 2017 - Dec 2017

Title 1: Spectrum Sensing in Wireless Networks by Energy Detection Method via a Periodogram

Title 2: Security Issues and Threats in Cognitive Radio Networks

Title 3: Dual Diversity Reception of M-ary DPSK Signals over Nakagami Fading Channels

M.TECH PROJECT

Jun 2017 - Aug 2017

The project was entitled "Interpolation with Application to Blind Detection of Image Forgery". It successfully dealt with Vehicle Number Plate Identification System using image processing as a surveillance system for monitoring and security purposes.

MAJOR PROJECT

Jul 2016 - May 2017

The project is entitled " Stereoscopic imaging for navigation of autonomous vehicles ". This software was developed on Open CV platform and the algo provided a accurate 3D terrain map for the navigation of a self driven vehicle with the help of camera

MINOR PROJECT 2

Jun 2016 - Jun 2016

The project was entitled " ELECTRONIC EYE" . It was based on GSM module and worked as a anti-theft device for electronic safe with proper alarm and camera system along with the facility of sms on mobile phone in case of theft.

MINOR PROJECT 1

Jul 2015 - Dec 2015

The project was entitled "AUDIO STEGANOGRAPHY" and it as based on matlab for text encryption and security in audio files.

SKILLS

English Proficiency (Spoken)	English Proficiency (Written)
Advanced	Advanced
Embedded Systems	Physics
Beginner	Advanced
HTML	Java
Advanced	Intermediate
Adobe Photoshop	Report Writing
Beginner	Advanced
Event Management	Chemistry
Advanced	Intermediate
MS-Office	C Programming
Advanced	Intermediate
JavaScript	Hindi Proficiency (Written)
Intermediate	Advanced
Mathematics	SQL
Advanced	Beginner

ADDITIONAL DETAILS

- Secured 7th Rank in State in chemistry olympiad
- Secured 3rd rank in school in International science olympiad
- Secured 3rd prize in English Debating Society and 1st prize in English Literary writing in Delhi state competitions.
- Secured 2nd prize in Hindi essay writing in school.

- A member of the winning team of Interschool Cricket and Hockey Tournaments from wynberg allen school.