

EDUCATION

April 2017	B.Tech (COMPUTER SCIENCE AND ENGINEERING)	IIT KANPUR	9.9/10.0
April 2013	Class XII (CENTRAL BOARD FOR SENIOR EDUCATION)	K.V. DELHI	96.20 %
April 2011	Class X (CENTRAL BOARD FOR SENIOR EDUCATION)	K.V. SHILLONG	10.0/10.0

ACADEMIC ACHIEVEMENTS

- Received the **Academic Excellence Award** for exceptional academic performance in **13-14** and **14-15** academic session
- Received **A*** grade in **10** courses (Awarded for Outstanding Performance in a course)
- Secured AIR - **257** in **JEE (Advanced) 2013** and AIR - **79** in **JEE (Mains) 2013**
- One amongst the **6 INMO Awardees** selected for **IMO training camp**, after clearing **INMO '13**
- Awarded Gold medal for being selected for **IPhO training camp**, after clearing **INPhO '13**
- Selected for the prestigious **KVPY** scholarship, in stream SX
- Secured **Rank 1** in **Regional Mathematics Olympiad '12** (Delhi Region)

INTERNSHIPS

C.A.R.I.S. LAB, U.B.C

MAY '16 - JUL '16

Prediction of Human Single-Arm Reaching motion, Merging Point Clouds from Multiple Kinects

X.R.C.I. BANGALORE

DEC '15

Partial Multi View Clustering via Non Negative Matrix Factorization

I.N.R.I.A. ROCQUENCOURT, FRANCE

MAY '15 - JUL '15

Computing Alternate Paths in Large Road networks, Feature Based Representation of Social Networks

PROJECTS

CHALEARN - PERSONALITY ANALYSIS:

Personality analysis through Short Videos.

VISUAL QUESTION ANSWERING:

Answering Open-ended questions about images

REAL-TIME VEHICLE RECOGNITION:

Classify Vehicles and extract info from License Plates

ADA COMPILER:

End-to-End Compiler for a subset of ADA in the x86 Architecture

INFINITE PRISONER'S DILEMMA:

Propose and Implement new Adaptive strategies for IPD

MULTI-SENSE WORD EMBEDDINGS:

Unsupervised computation of Multi-Sense Embeddings

NACHOS OPERATING SYSTEM:

Extend the NachOS operating system

MULTI-MODAL EMOTION RECOGNITION:

Detect emotions using Multiple features

GEOMETRIC DATA STRUCTURES:

Data Structures to efficiently answer Geometric Queries

MINOR PROJECTS:

Othello, BattleShip Bot, Sentiment Analysis of Social media, Captcha Decoder

TECHNICAL SKILLS

Programming Languages (PROFICIENT):

C, C++, PYTHON, MATLAB

Programming Languages (FAMILIAR):

JAVA, CSS, JAVASCRIPT, PHP, GNU OCTAVE

Software and Utilities:

OPENCV, GIT, KINECT SDK, GNU PLOT, VERILOG, L^AT_EX, AUTOCAD, INVENTOR

POSITIONS OF RESPONSIBILITY

Jul '16 - Current

Tutor, ESC101A

Jan '15 - Apr '16

Member, Core Team Academics, Counseling Service

Aug '14 - Mar '15

Senior Executive, Public Relations, Techkriti '15, IIT Kanpur

Apr '14 - Apr '15

Secretary, Programming Club

Jun '14 - Apr '15

Academic Mentor (MTH101/102) and Student Guide, Counselling Service

OTHER ACHIEVEMENTS

- Secured **1st** place in **Microsoft CodeHunt** amongst individuals from over the country. Selected for **finals** in **China**.
- Secured **13th** place in **IOPC** amongst **900+** teams from over the world held during **Techkriti '15**.
- Secured **1st** place in the event **Chaos** (Esoteric Programming Contest) held during **Techkriti '15**
- Secured **17th** place in **Morgan Stanley Codeathon 2014** amongst **1000+** individuals from over the country.
- Secured **8th** place in **ZS Associates Data Science Challenge** amongst **300+** students from over the country.
- Secured **26th** place in **ACM ICPC Onsite Contest 2014** amongst **250+** teams from over the country.
- Secured **1st** place in **Tennis (Singles)** in **Freshers' Inferno '13** (Inter-Hostel Sports Competition).