



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2021	B.TECH	IIT Kharagpur	8.80 / 10
2017	CBSE XII (AISSCE)	Shiv Jyoti Senior Secondary School, Kota	90.6%
2015	CBSE X (AISSE)	Delhi Public School, Vindhyannagar	10 / 10

## COMPETITION/CONFERENCE

## ACM ICPC Amritapuri Regionals 2018

Honorable mention at Asia Amritapuri Regionals 2018 & ranked at 70th position in Asia Kharagpur online qualifiers. Part of the best ranked sophomore team from IIT Kharagpur.

## Topcoder India Regionals 2019

Qualified for Topcoder Open India Regionals on the basis of performance in the algorithmic contests held regularly.

## Google Kick Start 2019

Ranked 161 & 127 in Google Kickstart Round A & D respectively

## Facebook Hacker Cup 2019

Ranked 809 in Round 2 of Facebook Hacker Cup 2019

## Google Hash Code 2019

National Rank 100 in Google Hash Code 2019

## INTERNSHIPS

## International Institute of Information Technology, Hyderabad

[May 2019 - till date]

- Working as a research intern on Game Theory under Dr. Sujit P. Gujar, IIIT-H.
- Learnt various concepts related to equilibrium in strategic games & mechanism design in various environments.
- Critically analyzed various research papers presented in recent conferences related to auction designing & found minor flaws in 2 of them which were agreed by the authors later on.
- Jointly working with a PhD scholar at IIIT-H on designing a neural network which maximizes the seller's expected revenue when the probability distribution of bidder valuations are imprecise and then aiming to showcase our findings at International conference on Autonomous agents & Multiagent systems (AAMAS), 2020.

## PROJECTS

## E-governance System (VOTE) , Android based Application

[January 2019 - April 2019]

Guided by Dr. Debasis Samanta, IIT Kharagpur

- Created an application which provides a common platform to the people for voicing out their concerns directly to the elected representatives of the concerned constituency and facilitates their efficient redressal.
- Followed standard software engineering practice by writing an SRS document at the outset and drawing the required UML diagrams to ease out the complications involved in designing the application.
- Designed Front end for all the activities in Voter, Representative and Contractor Portals & integrated them with appropriate Layouts & Adapters.
- Managed transitions between all the activities and made sure that only data that is needed is passed on to the next activity to ensure optimal performance of the application.

## AWARDS AND ACHIEVEMENTS

Secured All India Rank- 223 in the Joint Entrance Examination (JEE) Advanced, 2017

Secured All India Rank- 94 in the Joint Entrance Examination (JEE) Main, 2017

## COURSEWORK INFORMATION

Programming & Data Structures | Algorithms | Graph Theory & Algorithms\* | Compilers\* | Discrete Structures | Probability & Statistics | Software Engineering | Algorithmic Game Theory\* | Formal Language & Automata theory | Computer Organization and Architecture\* | Switching Circuits & Logic Design

## EXTRA CURRICULAR ACTIVITIES

- Member of the Gold winning Football team for Azad Hall at inter-hall football 2019.
- Part of a 6 member Department feedback Committee which gives a collective feedback regarding teaching methodology, pace of the course & any other matter of concern of the batch to the teachers in monthly meetings.
- Volunteered in a team of 30 for the welfare of 2 villages under National Service Scheme, IIT Kharagpur
- Part of Azad Hall's Athletics and Hockey team for the inter-hall tournaments.