



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2020	B.TECH	IIT Kharagpur	8.27 / 10
2016	intermediate public education	Andhra Pradesh Board of Intermediate Education	97.6%
2014	Secondary School Certificate	Andhra Pradesh Board of Secondary Education	9.2 / 10

## AWARDS AND ACHIEVEMENTS

- Secured an All India open Rank 876 and OBC Rank 113 in the JEE-ADVANCE Exam, 2016.
- Secured Open Rank 153 and OBC Rank 16 in the EAMCET Exam, 2016.
- Recipient of the MERIT-CUM-MEANS SCHOLARSHIP.

## COURSEWORK INFORMATION

Completed (Academic) :

- Algorithms I\*    •Formal Language And Automata Theory    •Discrete Structures    •Software Engineering\*
- Switching Circuits and Logic Design\*    •Computational Geometry    •Programming and Data Structures\*

To be completed by November 2018 (Academic):

- Algorithms II    •Computer Organization and Architecture\*    •compilers\*    •Cryptography and Network Security
- Knowledge Modelling and Semantic Technologies.

(\*)Indicates course had a laboratory component as well

## PROJECTS

Software Project

*Guide: Prof. Sudip Misra , Jan-18 to April-18*

*Link : <https://github.com/Rajesh-Khanna/E-Learn>*

- Exploring various fields of software development lifecycle.

•**E-learning Software**, helps teachers and students to manage and share course materials. A prototype project written in Java.

- used SRS,DFD,UML Diagrams for building the software.

Visual Communication

*March-18 to April-18*

*Link : <https://rajesh-khanna.github.io/VISCOM-PROJECT/>*

This is a **Web app** built to collect and display image data for different emotions, using *Javascript* and *google firebase cloud storage*.

## POSITIONS OF RESPONSIBILITY

Secretor

- General Secretary at CodeClub IIT Kharagpur Computer Science department society.
- Secretary Weight Lifting, Aquatics and Water polo of Meghnad Saha Hall of residence IIT KGP.

## SKILLS AND EXPERTISE

**LANGUAGES:**

- Programming - C, C++, Java, Python
- Scripting - JavaScript, HTML, CSS

**TECHNOLOGIES & SOFTWARE :**

- Libraries used - Swing, Tensorflow(familiar), OpenCV, Django, P5.js(Processing)
- Software used - Eclipse, NetBeans ,SolidWorks
- Environments –Windows, Ubuntu

**Others :**

- Deep Learning (familiar with the concepts) : Implemented Neural Networks and Convolution Neural Networks.
- Computer Vision : familiar with the basic concepts of image processing.

## EXTRA CURRICULAR ACTIVITIES

- Cadet in Bengal 1 EME National Cadet Corps(**NCC**) 2016 - 2018, B certificate holder.
- Participated in combined annual Training Camp 2016 under NCC-3(B) Bengal Tech Air Squadron &1(B) EME Coy held at IIT.
- Active Participant in Weight Lifting and Power Lifting Competition.