



# Darshana Digambar Sambare

Roll No.:212123047

M.Sc - Mathematics and Computing

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[Profile](#) | [Github](#) | [Linkedin](#)

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Sc Mathematics & computing	Indian Institute of Technology, Guwahati	8.50 (Current)	2021-Present
B.Sc Mathematics	Savitribai Phule University, Maharashtra	93.89%	2021
Higher Seconadry	CBSE Board	78.80%	2018
Secondary	Maharashtra Board	92.40%	2016

## PROJECTS

- Placement Portal** Team Size : 2 | Sept 2022 - present  
*Prof. Ashok Singh Sairram , Dept Of Mathematics ,IIT Guwahati* [Github](#)
  - It is a **dynamic website** which provides **registration** to companies and students for placement.
  - Students can **apply to companies** through the portal . Each company will be require to disclose the **eligibility requirements, placement examination stage, and open positions**. The portal also shows Various **placement statistics**.
  - key Technologies** : HTML, CSS, Javascript, PHP, MySQL
- Gmeet Cone** Team Size : 3 | June 2022 - July 2022  
*Coding Club, IIT Guwahati* [Website](#) | [Github](#)
  - Created a **responsive and dynamic website** that works similar to actual Google Meet website.
  - It has functionalities such as **video-audio acalls, whiteboard system, chat system, authentication** and many more.
  - Key Technologies** : HTML, CSS, Javascript, NodeJS
- Hotstar Clone** Team Size : 2 | Sept 2022  
*Personal Project* [Website](#) | [Github](#)
  - The home page of the website is a replica of Disney + Hotstar's main page(Front-end).
  - It starts with **authentication(signing up and logging in)** using PHP & MySQL before directing us to the home page.
  - Key Technologies** : HTML ,CSS, Javascript, PHP, MySQL
- Seminar :Advanced Encryption Standard** Oct - 2022  
*Department of Mathematics, IIT Guwahati*
  - Seminar on Advanced Encryption Standard (AES) is a specification for the encryption of electronic data established by the U.S National Institute of Standards and Technology (NIST) in 2001.

## TECHNICAL SKILLS

- Programming:** C , C++, MATLAB, Python\*
- Web Technologies:** HTML, CSS, PHP, Javascript\*
- Database Management:** MySQL
- Operating System:** Windows, Linux\* \* Elementary proficiency

## KEY COURSES TAKEN

- Computer Science:** Computer Programming(with Lab), Data structures & Algorithms(with Lab), Theory of Computation\* ,Database Management System\*(with Lab)
- Mathematics:** Discrete Mathematics, Probability Theory, Optimization Techniques, Numerical Analysis\*(with Lab),Linear Algebra, Modern algebra, Complex Analysis \* To be completed in Nov 2022

## ACHIEVEMENTS

- The Joint Admission Test for M.Sc (IIT JAM 2021):**Secured **AIR 274** among 13186 candidates appearing for the test in Mathematics.
- Hackerrank:**6 star on Problem Solving(Data Structure and Algorithms).
- GeeksForGeeks:**Secured **rank under 350(with 430+ coding score )**among 4000+ IITG Student on the GeeksforGeeks platform.
- Joint Entrance Examination 2018:**Qualified for the IIT JEE ADVANCED Exam.
- Atma Malik Talent Search Exam:**Secured 1st position in the State level contest.

## EXTRACURRICULARS

- Saathi Counselling Cell, IIT Guwahati** Aug 2022 - present
  - Mentor** : Currently mentoring 14 juniors under the **Peer Mentorship Program** as a part of Saathi Club.
  - Organized an event on Suicide Prevention on the occasion of Suicide Prevention Day.