

AMRUTA HASPE

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EDUCATION

IIIT ALLAHABAD

MTECH IN INFORMATION
TECHNOLOGY

Sep2020 - May2022 | Prayagraj
GPA: 8.87 / 10

CDGI

BE IN COMPUTER SCIENCE
Aug2015-May2019 | Indore

College of Engineering
GPA: 8.57 / 10

CODING PROFILE

GeeksForGeeks:// amrutahaspe
LeetCode: // amrutahaspe

COURSEWORK

GRADUATE

Data Structures And Algorithms
Internet Of Things
Programming Practice
Open CV

UNDERGRADUATE

Basic Data Structures And Algorithms
Operating Systems
Computer Networks
DataBase Management Systems
Object Oriented Programming

SKILLS

PROGRAMMING LANGUAGES

C++ • C • Python

DEVELOPMENT

Google colab • Code Blocks • envi

OTHERS

MySql • MS office • Linux -Ubuntu

HOBBIES

Cooking
Listening Music
volunteering

PROJECTS

LAND COVER CLASSIFICATION USING FUSION OF MULTISPECTRAL IMAGES | MTECH PROJECT

Jan 2021 -- Present | Prayagraj

- The objective of this project is to do land use/land cover classification of the area around District Prayagraj, Uttar Pradesh.
- The Landsat-8 and sentinel-2 data images are used as the multispectral images.
- The Output of this project is that we would be able to discover the Industrial, Urban and semi-Urban Area of Prayagraj, District.
- Software Tool used in this ENVI, DATASET - USGS website.

CONTENT BASED IMAGE RETRIEVAL | MTECH PROJECT

Jan 2021 -- April 2021 | Prayagraj

- It is an image retrieval system which retrieves the relevant images provided the query image.
- Tools: Open CV, Python.

RESULT MANAGEMENT SYSTEM | MTECH PROJECT

Oct 2020 -- Dec 2020 | Prayagraj

- Implemented three classes (Person, Teacher, Student).
- Inheritance between the Student and Teacher class.
- Used File handling to add or retrieve any student record.
- TOOLS: CODEBLOCKS, C++, FileHandling.

AUTOMATED DUAL AXIS SOLAR PANEL | BE PROJECT

August 2018-April 2019

- It is an automated dual axis solar panel which adjust itself according to the direction of the sunlight or intensity in order to generate more energy.
- used c language for the coding part.
- Hardware Tools: Arduino, LDR sensors, Servo Motor, Solar Panel, PCB etc.
- TOOLS: Arduino IDE, c.

EXPERIENCE

IIIT ALLAHABAD | TEACHING ASSISTANT

Aug 2020- Present | Prayagraj

- Assisting teachers with classroom management and document coordination to maintain positive learning environment.
- Supporting classroom activities, including tutoring, grading homework and reviewing exams.

EXTRA CURRICULAR AND ACHIEVEMENTS

- Qualified Gate 2020 with AIR-2477.
- Got consolation price in interschool debate competition.
- Active NCC candidate.
- Volunteer in citronics tech fest in college.
- Got first prize in class 10th for best hindi speaker.
- got first prize in class 12th for best english speaker