



**GEMS**

United Indian School  
ABU DHABI

# PROJECT RECORD 2022-2023

Roll No.: \_\_\_\_\_

Name: \_\_\_\_\_

Class: \_\_\_\_\_ Sec: \_\_\_\_\_

Subject: \_\_\_\_\_



EDUCATION



## *Certificate*

**Roll No.** \_\_\_\_\_

This is to certify that  
Miss/Master \_\_\_\_\_ of  
grade \_\_\_\_\_ section \_\_\_\_\_  
has carried out project work in Assignment prescribed by the  
Central Board of Secondary Education, New Delhi during  
the academic year 2022 - 2023.

Teacher-in-charge: **Ms. Harini Priyadharsini**

Date: \_\_\_\_\_

\_\_\_\_\_  
External Examiner

\_\_\_\_\_  
Internal Examiner

# INDEX

- Python Programs

- Calculate factorial of a number
- Check if a number is a prime number or not
- Search substring in a given string
- Bubble Sort
- Display file content line by line
- Display number of vowels, consonants, lowercase and uppercase characters in a file
- Create a binary file and display its contents
- Create a binary file and update its contents
- Copy a file to another file excluding lines containing 'a'
- Create and display a CSV file
- Simulate a dice
- Implement stack in Python using list
- Linear and Binary Search
- Find most common domain in phishing emails
- Store and display data using MySQL Connectivity
- Search data using MySQL Connectivity
- Update data using MySQL Connectivity
- Delete data using MySQL Connectivity
- Create a CSV with inputted details
- Copy contents from one CSV file to another

- MySQL

# PYTHON PROGRAMS

























































































