INDIAN SCHOOL MUSCAT

(2020-2021)

CLASS XII – COMPUTER SCIENCE (083)

PROJECT GUIDELINES

Project (that uses the concepts that have been learnt in Class 11 and Class 12)   MARKS-8

- The aim of the class project is to create something that is tangible and useful using Python / Python and SQL connectivity.
- Project should be done in groups of two to three students.
- Avoid plagiarism and violations of copyright issues while working on projects.
- Students are encouraged to visit local businesses and ask them about the problems that they are facing. For example, if a business is finding it hard to create invoices for filing GST claims, then students can do a project that takes the raw data (list of transactions), groups the transactions by category, accounts for the GST tax rates, and creates invoices in the appropriate format. The aim here is to find a real world problem that is worthwhile to solve.
- They can use a wide variety of Python libraries to create user friendly applications such as games, software for their school, software for their disabled fellow students, and mobile applications.
- Some more topics for the project :
  1. EMPLOYEE MANAGEMENT
  2. Candidate Record Keeping system
  3. Online Class Time Table
  4. Restaurant Management System
  5. PROJECT USING BINARY FILE HANDLING - MEDICAL SHOP
  6. KAUN BANEGA CROREPATI

7. VEHICLE PARKING SYSTEM
8. Train Reservation System
9. School Management System
10. Hospital Management System
11. Medicine stock Checking System
12. Examination Management.
13. Python Tutorial

Project report must consist of the following :

1. Cover page – Project name with appropriate picture, School Name & Your Name & Board Rollno.
2. Certificate – Sample given below
3. Acknowledgement – Sample given below
4. Hardware and software requirements
5. CODING
6. Sample outputs
7. Bibliography : Book Name, Name of the website

Mrs. Seema Janesh

HOD Of the Department

Computer Science

21st July 2020

CERTIFICATE

This is to certify that **<<YOUR NAME HERE>>** of class   XII A/B of **<<SCHOOL NAME>>** has done his/her project on <<**PROJECT NAME>>** under my supervision. He/She has taken interest and has shown at most sincerity in completion of this project.

I certify this Project up to my expectation & as per guidelines issued by **CBSE, NEW DELHI.**

Internal Examiner   *External Examiner*

Principal

ACKNOWLEDGMENT

It is with pleasure that I acknowledge my sincere gratitude to our teachers, *Mrs. Seema Janesh & Mrs. Anuradha Venkataramanan* who taught and undertook the responsibility of teaching the subject computer science.

I am especially indebted to our Principal *<<Principal Name>>* who has always been a source of encouragement and support and without whose inspiration this project would not have been a successful I would like to place on record heartfelt thanks to him.

Finally, I would like to express my sincere appreciation for all the other students for my batch their friendship & the fine times that we all shared together.