Standard Operating Procedure (SOP) for ML ,Development and Programming Courses for 11th -12th Grade Students.

Course Overview and Objectives :

- The ML and Development courses for 11th -12th grade students will cover various aspects of machine learning, programming, Web development, and related technologies.

- The courses aim to provide students with a strong foundation in ML concepts , programming skills , and Web development practices that will enable them to build real-world applications.

- The courses will be conducted through an offline mode, depending on the preferences of the students and the availability of resources.

- The courses will be delivered by qualified and experienced instructors who have good knowledge in ML , programming (C/C++, Java , DSA , Python, Shell Scripting) , Web development and teaching methodologies.

Course Curriculum and Delivery :

- The course curriculum will be designed to align with the latest industry standards, academic requirements, and emerging trends in the field of ML and Web development .

- The course will cover topics such as machine learning algorithms, data preprocessing, model training and evaluation, programming languages (such as Python, Java, C++etc.), software Engineering concepts and methodologies (such as version models, agile development, etc.), and experience of real-world applications of ML Projects .

- The course will be delivered through a structured and interactive approach that includes lectures, discussions, practical exercises, coding assignments, projects , and assessments.

- The course content and materials will be regularly updated and reviewed to ensure relevance and effectiveness.

- The course will be divided into modules or sessions that cover specific topics, concepts, or skills related to ML and development, and will be delivered in a sequential manner, building upon the foundational concepts and gradually progressing to more advanced topics.

Course Timings and Attendance:

- This is a Six months course which will consist of 24 Days (Friday/ Saturday of every week). Course timings will be in coordination with the respective RBSE school.
- Student Attendance shall be taken through Google Form or by the respective instructor who is taking the session.
- Attendance is mandatory for all the students who want to be certified in the course being chosen by them.

Course Assessments and Certifications:

- Periodic tests will be conducted to assess the fruitfulness of course content being delivered to the students.
- Certification will only be provided to those who score marks above 60% in the Final Assessment.