

BEST PRACTICE – 1

1. TITLE OF THE PRACTICE:

Advanced Coding Technologies Practice

2. OBJECTIVE OF THE PRACTICE:

The objective of teaching advanced Coding to students of our campus into deepen their understanding of Programming concepts & principles, expand their problems-solving skills prepare them for more complex software development challenges. Institution helps students for better placements in advanced Coding to improve skills & Gets Job guarantee with good Package in life. The objective of Advanced coding helps students:

- a. Master Advanced Concepts:- It allows students to explore topics likes data structures, algorithms, software design patterns and advanced Programming languages which are Crucial for developing efficient and noble Scalable software.
- b. Enhance Problem-Solving Skills: Advanced Coding challenges students with more Complex problems helping Them to develop the ability to breaks down large problems into smaller manageable parts and solve them Systematically.
- c. Prepare for the real-world challenges
- d. Encourage Creativity & Innovation
- e. Build a strong foundation: Advanced Coding helps students to build a strong foundation in Computer science programming which can be beneficial for pursuing further studies or a Cover in technology.

3. THE CONTEXT

Students gain knowledge & Improve their social skills like advanced Coding, when institutions Provide advanced Coding to students, they typically focus on several key areas to ensure students to develop strong foundation in advanced Programming Concepts & practices like

- a. Curriculum design
- b. hands on projects.
- c. Industry relevant skills
- d. Coding challenges & Competitions.
- e. Advanced topics like Concurrency, parallel Programming ML, Cyber security depending on the focus of the program.

students acquire leadership skills, team work, time management & balance skill and utilize the classes for better & best placements was by the help of advanced Coding.

4. THE PRACTICE:

* Advanced Coding mainly helps an aid coming in different forms to help higher education system & the students in terms of getting the content prepared for advanced programming techniques in getting better opportunities for students of AWDC, RJY in Career growth & future studies.

Advanced Coding is administered on the first day of the new academic year for the first years, second years and final years too. Students take tests & observed by management about their skills & Knowledge & out come to the course.

* For an institution equipping itself with latest teaching process to enhance students to use the techniques of Coding in wide areas. Campus Provides wifi-zone to ease the access in learning process of students.

We, at AWDC, RJY had accepted this para digm shift in Convention teaching of Advanced Coding & making all possible logistic arrangements of the techniques offered by Advanced Coding to get the best placements & give Job opportunities for their Career & growth.

College Campus has been made a wifi-zone enabling the students to access the material related to advanced coding anywhere in the campus with good wifi strength.

Problems Encountered & Resources Required.

Initially the Conduct & organizing of Advanced Coding Classes had set backs. The Management has supported in giving permission to the College to conduct Advanced Coding classes to students. The Coordinator of the subject & Computer science faculty Coordinator plans the classes for the year & gets approval from management. The pre-requisites of the class is done by the Computer science department Co-ordinator. The College provides Wifi & all other amenities needed to Conduct Advanced Coding. Parents hesitated to send their wards to pursue the Advanced Coding class but later on the placements & awards in using this techniques made Parents more Comfortable to send their children to learn Course in Advance Coding.