



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258- 262725, Fax: 08258-262726

Department of Computer Science & Engineering

Summary Report of Add-on / Certificate program with its Outcomes

Academic Year : 2020-2021	Duration: Full year (July 2020 to June 2021)
Title of the Course: Online Certification (Coursera, GreatLearning, Oracle etc)	
Resource Person: -	

Dept. had decided to make the students learn through various online platform about the various topics that are relevant to their curriculum due to Covid-19. Hence Dept. had given list of platform through which students can do the online certification course. All the final year students were suggested to do Course on Artificial intelligence and Machine Learning via Oracle platform for around 30 hours and all pre final years were advised to complete the Database foundation course through Oracle platform which was a course for around 30 hours duration.

Totally around 200 students of CSE department completed the Online certification course through various platforms, from this course students were able to

- Identify the basic concepts and various data model used in database design ER modelling concepts and architecture use and design queries using SQL
- Apply relational database theory and be able to describe relational algebra expression, tuple and domain relation expression from queries.
- Understand the basic theory underlying machine learning.
- Formulate machine learning problems corresponding to different applications.

HOD **H. O. D.**

Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258- 262725, Fax: 08258-262726

Department of Computer Science & Engineering

Summary Report of Add-on / Certificate program with its Outcomes

Academic Year : 2020-2021	Duration: 15 th February, 2021 to 20 th February, 2021.
Title of the Course: Basics of Java	
Resource Person: Prof. Sayeesh & Ms. Shilpa, Dept. of CSE, AIET, Moodbidri.	

Department of CSE organized a 5 days Certification Program on “Basics of Java ” from 15th February, 2021 to 20th February, 2021. Resource person Prof. Sayeesh & Ms. Shilpa, Dept. of CSE, AIET, Moodbidri. The concepts covered during the sessions were features of OOP's: Inheritance, Polymorphism, Data Abstraction, Interfaces, Multithreading, Basics of Applet and Swings etc.

About 75 students of 2nd years CSE department were benefited by the course were benefitted from this course and were able to

- Use the syntax and semantics of java programming language and basic concepts of OOP.
- Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- Design event driven GUI and web related applications which mimic the real word scenarios.

HOD
H.O.D.

Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258- 262725, Fax: 08258-262726

Department of Computer Science & Engineering

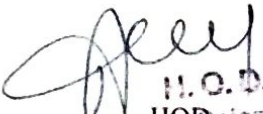
Summary Report of Add-on / Certificate program with its Outcomes

Academic Year : 2020-2021	Duration: Every Saturday from 06th February 2021 onwards till end of the even Semester.
Title of the Course: Apple iOS App Development using Swift C Language and XCode	
Resource Person: Mr. Mahesh Naik, iOS Developer at Robosoft Technologies Udupi.	

Department of CSE organized Certification Program on “Apple iOS App Development using Swift C Language and XCode” for the students of III Semester CSE. The Certification Program was planned to conduct on every Saturday from 06th February 2021 onwards till end of the even Semester. Mr. Mahesh Naik, iOS Developer at Robosoft Technologies Udupi, was the Resource Person for this Certification Program. He taught the basic concepts, iOS overview, Xcode, Swift, API Call, Core Data, Debugging, Multithreading etc.

Around 27 students of 2nd years CSE department were benefitted by the course were benefitted from this course and were able to

- Define key programming terms relevant to Swift and iOS programming.
- Describe the process of creating iOS apps.
- Employ the Apple developer tools to create an iOS app.
- Demonstrate programming best practices in Swift.
- Examine and subdivide app functionality into properly designed components.


H.O.D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODIBIDRI - 574 225