



# 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 : 2017-2018	Duration: 31-07-2017 to 04-02-2018
Title of the Course: Apple iOS App Development using Swift C Language and XCode	
Resource Person: Mr. Ashwath Kotian, JAVA Trainer, Probbhit Technology, Moodbidri	

Department of CSE organized Certification Program on "Apple iOS App Development using Swift C Language and XCode". The certification Program was conducted from 31-07-2017 to 04-02-2018. Mr. Sudheep Jha MonkFox Bangalore was the resource person for the training program. He delivered the architecture and application of the Apple iOS app as a basic and also about creating the iOS application using Swift C, advantages and etc.

47 students of CSE Department 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.
- State the purpose of the Apple developer tools, such as Xcode, Instruments, debugger, analyzer, and iOS Simulator.



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

Academic Year : 2017-2018	Duration: 28 <sup>th</sup> October to 31 <sup>st</sup> October 2017
Title of the Course: Software Testing	
Resource Person: Mrs. Seema Nair, CEO, Calibre Code Solutions Private Limited, Bangalore.	

The department of Computer Science and Engineering had conducted a Four Days Certification Program on Software Testing from 28<sup>th</sup> October to 31<sup>st</sup> October 2017. The resource person for the certification program was Mrs. Seema Nair, CEO, Calibre Code Solutions Private Limited, Bangalore. During this course of program, Mrs. Seema Nair has covered many topics on software testing such as Testing web pages, finding bugs, off code usage in software testing, automating the web, testing ideas, recording and finding the bugs.

Totally 52 students of CSE Department were benefitted from this course and were able to

- Various test processes and continuous quality improvement.
- Types of errors and fault models.
- Methods of test generation from requirements.
- Behavior modeling using UML: Finite state machines (FSM)
- Test generation from FSM models.



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<b>Academic Year :</b> 2017-2018	<b>Duration:</b> 16 <sup>th</sup> January, 2018 to 20 <sup>th</sup> January, 2018
<b>Title of the Course:</b> Advanced Java Programming	
<b>Resource Person:</b> Mr. Chandra Shekar Rao, Sangam One Connected Services, Bangalore.	

Department of CSE organized a 5 days Certification Programme on “Advanced Java Programming” from 16<sup>th</sup> to 20<sup>th</sup> January, 2018. Resource person Mr. Chandra Shekar Rao, Sangam One Connected Services, Bangalore. The Certification course was started with sample Java Program and students were made to make small projects every day. The resource person explained all the concepts by using hands-on session.

129 students of CSE Department were benefitted from this course and were able to

- 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.



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

<b>Academic Year :</b> 2017-2018	<b>Duration:</b> 22 <sup>nd</sup> January 2018 to 03 February 2018
<b>Title of the Course:</b> Web Programming and Product Development	
<b>Resource Person:</b> Mr. Chandrashekhar Rao Kuthyaru, CEO, SangamOne Services pvt ltd, Bangalore.	

Department of CSE organized a 10 days Certification Programme on "Web Programming and Product Development" from 22<sup>nd</sup> January 2018 to 03 February 2018. For the students of CSE. Mr. Chandrashekhar Rao Kuthyaru, CEO, SangamOne Services pvt ltd, Bangalore. The course was begin with simple HTML program development including Style Sheets, Java Scripts, PHP, etc

89 students of CSE Department were benefitted from this course and were able to

- Become familiar with graphic design principles that relate to web design and learn how to implement theories into practice.
- Develop skills in analyzing the usability of a web site.
- Understood how to plan and conduct user research related to web usability.

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