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

Academic Year : 2018-2019	Duration: 10-07-2018 to 17-07-2018
	30-09-2018 to 03-10-2018
Title of the Course: Apple iOS App Development using Swift C Language and XCode	
Resource Person: Mrs. Seema Nair, CEO, CalibreCode Solutions Pvt. Ltd.	

Department of CSE organized Certification Program on "Apple iOS App Development using Swift C Language and XCode". The Certification Program was conducted in 2 different phases. First Phase was conducted 10-07-2018 to 17-07-2018 and Second Phase was conducted during 30-09-2018 to 03-10-2018. Mrs. Seema Nair, CEO, CalibreCode Solutions Pvt. Ltd was the Resource Person for the Certification Program. Various App were developed and publish in Apple iOS app paly store

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

- 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.
- Explain and summarize iOS API features including location, mapping, sensors, gestures, multimedia and user interface components.

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

Academic Year : 2018-2019	Duration: 27th August 2018 to 1st September, 2018
Title of the Course: Machine Learning using Python Programming	
Resource Person: Mr. Arun Rajpurohit and Mr. N.Sridhar Murthy, Dlithe Software, Bangalore.	

Department of CSE organized Certification Program on "Machine Learning using Python Programming". The Certification Programme was held during 27th August 2018 to 1st September, 2018. This Certification programme was held in association with Dlithe Software, Bangalore. Mr. Arun Rajpurohit and Mr. N.Sridhar Murthy Dlithe Software were the resource persons of the Certification Programme.

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

- Develop an appreciation for what is involved in Learning models from data
- Understand a wide variety of learning algorithms
- Understand how to evaluate models generated from data
- Apply the algorithms to a real problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models

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

Academic Year : 2018-2019	Duration: 3rd September 2018 to 8th September 2018
Title of the Course: Data Science and Big Data Analytics	
Resource Person: Mr. Dinesh Kumar Gandhi, Sr. Technical Trainer, ICT Academy, Bangalore	

Department of CSE organized Certification Program on "Data Science and Big Data Analytics". The Certification Program was held from 3rd September 2018 to 8th September 2018. This Certification program was held in association with ICT Academy Chennai and Dell-EMC, Bangalore. Mr. Dinesh Kumar Gandhi, Sr. Technical Trainer, ICT Academy was the resource person for the certification program.

Totally 122 students of CSE Department were benefitted from this course and were able to

- Analyze very large data sets in the context of real world problems.
- Develop and implement data analysis strategies base on theoretical principles, ethical considerations, and detailed knowledge of the underlying data.
- Demonstrate an ability to articulate, assess and apply appropriate theories and principles of information management.
- Apply mathematics and science in engineering applications.

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

Academic Year : 2018-2019	Duration: 16th January 2019 to 23rd January 2019
Title of the Course: Mobile Application Development using Android	
Resource Person: Mr. Arun V Rajpurohith Founder Dlithe Bangalore, Mr. Avinash R S, Dlithe Software, Bangalore	

Department of CSE organized 8 days National Level workshop/ Certification Program on the "Mobile Application Development using Android" from 16th January 2019 to 23rd January 2019 in association with Technical Collaboration of Computer Society of India Student Chapter and Co-Sponsored by Dlithe Bangalore. Mr. Arun V Rajpurohith Founder Dlithe Bangalore, Mr. Avinash R S Corporate were the resource person for the sessions.

35 CSE students were benefited by the course were benefitted from this course and were able to.

- Use Android Studio, Android virtual devices, and physical devices to build and test Android apps
- Understand how Java is used in Android app development.
- Understand the activity and fragment lifecycle.
- Use the fragment manager to handle fragments and fragment transitions.
- Use implicit intents to open other applications and activities and access the central contact database.

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

Academic Year : 2018-2019	Duration: 16th February 2019 to 23rd February 2019
	22nd April 2019 to 24th April 2019.

Title of the Course: Apple iOS App Development using Swift C Language and XCode

Resource Person: Mrs. Seema Nair, CEO, CalibreCode Solutions Pvt. Ltd

Department of CSE organized fifty days Certification Program on "Apple iOS App Development using Swift C Language and XCode". The Certification Program was conducted in 2 different phases. First Phase was conducted from 16th February 2019 to 23rd February 2019 and Second Phase was conducted during 22nd April 2019 to 24th April 2019. Mrs. Seema Nair, CEO, Calibre Code Solutions Pvt. Ltd was the Resource Person for the Certification Program. She explained the use of Swift C and Xcode for creating the iOS app, Basic structure, Layouts, Notifications, Animations on the image etc.

Totally 36 students of CSE department were benefited by the course were benefitted from this course and were able to

- Examine and subdivide app functionality into properly designed components.
- Explain and summarize iOS API features including location, mapping, sensors, gestures, multimedia and user interface components.
- Plan, prepare and build an original iOS app, from concept to working program.

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

Academic Year : 2018-2019	**Duration**: 18th February, 2019 to 25th February 2019
Title of the Course: Cyber Security	
Resource Person: Mr. Arun V Raj Purohith, CEO Dlithe Bangalore, Mr. Deepak Bhatt, Information Security Consultant & Trainer, Infosectrain.	

8 days Certification Course on "Cyber Security" was organized from 18th February, 2019 to 25th February 2019 by Department of CSE, Alva's Institute of Engineering & Technology, Moodbidri, Karnataka with Technical Collaboration of Computer Society of India Student Chapter and Co-Sponsored by Dlithe Bangalore. Mr. Arun V Raj Purohith, CEO Dlithe Bangalore, Mr. Deepak Bhatt, Information Security Consultant & Trainer, Infosectrain were the resource person for the certification program. They both explained about the study on IPV4 addressing and to know how to set their kali Linux repository, Introduction to Linux File System and Command Line, Different Phases of Hacking, Using Various Methods of Password Cracking.

Totally 74 students of CSE department were benefited by the course were benefitted from this course and were able to.

- Protect and defend computer systems and networks from cybersecurity attacks.
- Characterize privacy, legal and ethical issues of information security.
- Define the security controls sufficient to provide a required level of confidentiality integrity, and availability in an organization's computer systems and networks.
- Diagnose attacks on an organization's computer systems and networks.
- Effectively communicate in a professional setting to address information security issues.

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