Add on/Certificate programs

Academic Year 2016 – 2017

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
3a Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING

Sponsored by Mohamed Sathak Trust

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Siruseri IT Park, Egattur, Chennai 603 103

Value Added Course

2016-2017

S.No	Name of Add on / Certificate programs offered	Course Code(if any) Collaboration Details	Year of offering	Number of students completing the course this year	Type of Add-on Course
1	Introduction to Network-CISCO Networking Academy	-	2016-2017	165	Self Framed Course
2	Photoshop	-	2016-2017	90	Self Framed Course
3	MS Project	-	2016-2017	60	Self Framed Course
4	Analysis of Solid components using ANSYS	-	2016-2017	92	Self Framed Course
5	PC Hardware & Peripherals	-	2016-2017	205	Self Framed Course

SUMMARY REPORT

ACADEMIC YEAR 2016-2017

Name of the Course: Analysis of solid Components using ANSYS

Name of the Coordinator: Mr.V.G.Sathish

No. of Students Enrolled: 92

No. of Students Completed: 92

Course Period: 05.12.2016 to 13.12.2016

Course Objective:

The Students will acquire

1. To give exposure to software tools needed to analyze engineering problems.

2. To expose the students to different applications of simulation and analysis tools.

This Value Added Course on "Analysis of solid Components using ANSYS" is conducted for the students of Mechanical department as a part of co-curricular activities program. All registered students for this program were actively attended and learned throughout the duration of this program and successfully completed.

Course Outcome:

Upon the completion of this course the students will be able to

1. Analyze the stresses and strains induced in plates, brackets and beams and heat transfer problems.

2. Calculate the natural frequency and mode shape analysis of 2D components and beams.

Name: Mr.V.G.Sathish

Designation: AP/MECH

Head Training

Mr.V.G.Sathish

HOD

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SUMMARY REPORT

ACADEMIC YEAR 2016-17

Name of the Course : Introduction to Networks-Cisco Networking Academy

Name of the Coordinator: Mr.D. Justin Xavier, Instructor/CSE

No. of Students Enrolled: 200

No. of Students Completed: 165

Course Period: Academic Year 2016-2017 EVEN SEMESTER

Course Objective:

- To Build simple LANs, perform basic configurations for routers and switches, and implement IPv4 and IPv6 addressing schemes.
- To Configure routers, switches, and end devices to provide access to local and remote network resources and to enable end-to-end connectivity between remote devices.
- To Configure and troubleshoot connectivity a small network using security best practices.

This Value Added Course on "Introduction to Networks-Cisco Networking Academy" is conducted for II &III Year ECE, EEE, CSE, and IT Students as a part of co-curricular activities program. All registered students for this program were actively attended and learned throughout the duration of this program and successfully completed.

Course Outcome:

Upon completion of the program, the students will be able

- To understand the Performance in Computer Networks.
- To understand various protocols used in Communication, Managing and configuring Cisco Switches and Routers and various WAN technologies.

Name: Mr.D. Justin Xavier,

Designation: Instructor/CSE

Head Training

HOD

DEPARTMENT OF CIVIL ENGINEERING

Value added course summary 2016-2017

Course Name	: MS Project	
Course Duration	: 45 Hours	
Year offered	: II Year 2016-17	
Course Instructor	: Ms. Sharmila Ponnammal/CIVIL	

Course Outcome :

Upon completion of the course, the students will be able to

1. Use the key elements and capabilities of Microsoft Project at beginner to intermediate level.

2. Create and edit key project management views such as GANTT charts

3. Work with Tasks, Sub-Tasks, Sub-Projects

4. Manage Critical Paths analysis and work with Calendar and other Project views

5. Understand and utilize resource control elements of Microsoft Project

Course Type : **Anna University Two credit Value added course**

Theory and Practical with Hands on sessions

Assessment Mode:

Attendance	: 45 Hours	
No. of Participants	: 60	
Scheme of Exam	: Paper based Multiple choice question	
Date of Exam	: 20/12/2016	

Course Coordinator

HoD

[Dr S. Sivashankar]

DEPARTMENT OF SCIENCE AND HUMANITIES
SUMMARY REPORT

ACADEMIC YEAR 2016 – 2017

Name of the Course: PC Hardware & Peripherals
Name of the Coordinator: Mr. A. Syed Ismail
No. of Students Enrolled: 205
No. of Students Completed: 205
Course Period: 15/03/17 to 20/03/17

Course Objectives:

1. To Identify characterize / define a problem.

2. To design a program to solve the problem.

3. To acquire basic knowledge in computer hardware and peripherals.

4. To acquire knowledge about PC assembling and trouble shooting.

5. To generate basic knowledge of TCP /IP networks, Internet and Intranet.

This Value-Added Course on "PC Hardware & Peripherals" is conducted for I year students as a part of co-curricular activities program. All registered students for this program were actively attended and learned throughout the duration of this program and successfully completed.

Course Outcomes:
The students will be able to

CO1. Student should able to know about hardware and software of system.

CO2. Students will have in-depth knowledge of LAN, WAN, MAN, CAN.

CO3. The student will able to know the basic of computer assembling and troubleshooting.

CO4. Students will have brief knowledge about computer networking.

CO5. The student will able to know the basic of networks and configuration.

Name: Mr. A. Syed Ismail, AP/ CSE

Head Training

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Chennai-603 103.

HOD

SUMMARY REPORT

ACADEMIC YEAR 2016-2017

Name of the Course: Photoshop

Name of the Coordinator: Mr.A.Syed Ismail

No. of Students Enrolled: 90

No. of Students Completed: 90

Course Period: 18/07/2016 to 26/07/2016

Course Objective:

- To learn the basic selection tools and edge refinement to isolate and edit parts of an image.
- To manipulate layers through ordering, poisoning, scaling, rotation and adjustments.
- To prepare images for web and print output with appropriate sizing and resolution.
- To apply painted masks, selection based masks, gradient mask and blend modes to create sophisticated image effects.

This Add-On Course on "Photoshop" is conducted for both CSE & IT students as a part of co-curricular activities program. All registered students for this program were actively attended and learned throughout the duration of this program and successfully completed.

Course Outcome: Students shall be able to gain knowledge in

- Use basic selection tools and edge refinement to isolate and edit parts of an image.
- Manipulate layers through ordering, poisoning, scaling, rotation and adjustments.
- Prepare images for web and print output with appropriate sizing and resolution.
- Apply painted masks, selection based masks, gradient mask and blend modes to create sophisticated image effects.

Name: Mr.A.Syed Ismail

Designation: AP/CSE

Head Training

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