



K S R Institute for Engineering and Technology

Tiruchengode, Namakkal(Dt) , Tamil Nadu

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

BE (CSE,EEE,ECE,Mech)&B.Tech (IT) Programmes are Accredited by NBA

1.2.2 Summary report of Value Added Course Programs for all the five assessment years.

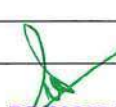
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R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2019 – 2020(ODD)

Name of the course	Five days Value added course on Data Analytics using Python and R
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Students will develop relevant programming abilities.• Students will demonstrate proficiency with statistical analysis of data.• Students will develop the ability to build and assess data-based models.• Students will execute statistical analyses with professional statistical software.• Students will demonstrate skill in data management.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3, PO4,PO5, PO8,PO9,PO11,PO12, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI,HOD/CSE
Course Coordinators	Mr.R.Gopal,AP/CSE Mrs. R.Sathya Priya, AP/CSE
Resource Persons	Mr.R.Gopal,AP/CSE Mrs. R.Sathya Priya, AP/CSE
Duration & Dates	Five Days & 01.07.2019 to 05.07.2019
Participants	III CSE KSRIET STUDENTS
No. of Participants	51


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2019 – 2020(ODD)

Name of the course	Five days Value added course on Hardware Troubleshooting & Photoshop
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Able to assemble all the computer hardware parts.• Diagnose & repair problems of desktop, laptop and mobiles.• Understand types of internet connections, network services, network security & general troubleshooting & maintenance of networks and networking peripherals.• Identify existing configuration of the computer and peripherals and to troubleshoot common problems.• Students able to create Photoshop concepts.
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">• PO1, PO2, PO4, PO9, PO11, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI, HOD/CSE
Course Coordinators	Mr.S.KARTHIKEYAN, SYSTEM ADMIN, Mr.V.PRAKASHAM, AP/CSE
Resource Persons	Mr.S.KARTHIKEYAN, SYSTEM ADMIN, Mr.V.PRAKASHAM
Duration & Dates	Five days & 17/09/2019 to 21/09/2019
Participants	II CSE KSRIET STUDENTS
No of participants	39


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2019-20 (ODD)

Name of the course	Four days Value Added / Short Term course on NI Multisim circuits Simulation
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students will able to gain knowledge of Electronic circuit operation/simulation through a hands-on experience.➤ Students will able to bridges the gap between theoretical and practical implementation and investigates into interdisciplinary collaborative academic research.➤ Students will able to bring an awareness about the modern tool application to the current day investigation.➤ This course is designed to give an introduction to National Instruments' Circuits Teaching Solution. The NI Circuits Teaching Solution is a unique combination of tools including NI Multisim schematic capture and SPICE simulation software.➤ The workshop proved to be very informative, giving the students deep insights about basic elements of circuit design flow: capture, simulation, prototyping and test. Through the exercise, students were familiarized with the NI Multisim environment, they will place and wire schematic components, simulate a completed circuit, and prototype and test.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO9,PO12, PSO1
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr.Y.KALIMUTHU, AP/EEE Mr.C.SIVAKUMAR, AP/EEE Mr.T.ARVIND, AP/EEE
Resource Persons	Dr.T.SRIHARI, Professor/EEE Dr.A.MURUGESAN, ASP/EEE
Duration & Dates	Four days (30 Hours) & 27/07/2019 to 28/07/2019 & 03/08/2019 to 04/08/2019
Participants & Strength	II EEE KSRIET STUDENTS & 24



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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2019-2020

Name of the course	Four days Value added / Short term course on Arduino based Innovative Projects
Course Contents	Enclosed
Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Write programs in the programming environment and debug• Explain and use basic language constructs, as types, variables, binding and scope, functions and procedures;• Program and construct applications using a Arduino, using a number of different sensors, actuators and communication media(wireless, internet);• Make creative, imaginative physical applications;• Construct simple circuits necessary for connecting sensors and actuators to Arduino;• Document electronic circuits using software tools
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO5,PO9,PO11,PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Dr.A.MURUGESAN,ASP/EEE Dr.C.SANTHAKUMAR,ASP/EEE Mr. S. SHANMUGA ARAVIND P,AP/EEE
Resource Persons	Dr.T.SRIHARI,PROF/EEE
Duration & Dates	Four days(30 Hours) & 04.12.19 to 07.12.19
Participants	IV EEE KSRIET STUDENTS & 46


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2019-20 (ODD)

Name of the course	Four days Value Added / Short Term course on MATLAB for Electrical Engineers
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students will able to gain knowledge of Electrical engineerin circuit operation/simulation through a hands-on experience.➤ Students will able to bridges the gap between theoretical and practical implementation and investigates into interdisciplinary collaborative academic research.➤ Students will able to bring an awareness about the modern tool application to the current day investigation.➤ This course is designed to give an introduction to MATLAB Elctrical Engineering Problem solving.➤ The workshop proved to be very informative, giving the students deep insights about basic electrical tools in MATLAB.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO12, PSO1, PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Dr.P.VEENA, Prof / EEE Mrs.R.SACITHRAA, AP/EEE Mrs.K.MEENATCHIL, AP/EEE
Resource Persons	Dr.P.VEENA, Prof/EEE, Dr.T.SRIHARI, Prof/EEE
Duration & Dates	Four days (30 Hours) & 14/12/2019 to 17/12/2019
Participants & Strength	III EEE KSRIET STUDENTS & 46



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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2019-2020(ODD)

S.No	Particulars	Details
1.	Name of the course	Circuit Debugging and Testing using Multisim
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none">• Explain the basics of electronics component.• Analyse the circuit debugging using Multisim
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO11, PO12, PSO2.
5.	Course Coordinator	1. Mr. T.Senthil, AP/ECE 2. Ms. B.Latha, AP/ECE 3. Mr. V.Praveen Kumar, AP/ECE 4. Ms. P.Saranya, AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	10.08.2019 to 12.08.2019 and 23.08.2019 to 24.08.2019
8.	Participant Detail& strength	36
9.	Feedback from Students	Excellent - 22 Very Good - 7 Good - 5 Satisfactory - 2


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2019-2020(ODD)

S.No	Particulars	Details
1.	Name of the Course	NETWORKING COURSE ON CCNA
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Got knowledge about various Network Fundamentals• Deploy various Switching and Routing Technologies• Understand the Wide Area network technologies• Make use the infrastructure services, security and management.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PSO4, PO9, PO10, PO11, PSO1 and PSO2
5.	Course Coordinators	1. Mr.P.K.Amarnath 2. Dr.R.Nandakumar, Prof & Head 3. Mr.B.Vinoth Kumar, AP/ECE 4. Ms.P.Janani, AP/ECE 5. Mr.P.Govindaraju, AP/ECE
6.	Course Duration(Hrs)	36 Hrs
7.	Date	14.12.2019 to 15.12.2019, 25.12.2019, 28.12.2019 to 29.12.2019
8.	Participants Details & Strength	III-ECE & 79 students


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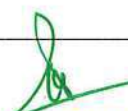
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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2019-2020(EVEN)

S.No	Particulars	Details
1.	Name of the course	Image Processing in Real Time Application
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> • Explain the basics of Image processing and application • Analyse the Image using MATLAB
4.	Relevant POs & PSOs	PO1, PO3, PO4, PO5, PO6, PO11, PO12 ,PSO 1, PSO 2.
5.	Course Coordinator	1. Dr.W.Devapriya, AP/ECE 2. P.Premkumar, AP/ECE 3. S.Premalatha, AP/ECE 4. P.Mohana Sunthari AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	27.01.20 to 31.01.20(AN), 3.02.20 to 7.02.20(AN)
8.	Participant Detail& strength	81
9.	Feedback from Students	Excellent-26 Very Good-31 Good-14 Satisfactory-10


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Summary Report of Value Added Course
Department of Mechanical Engineering
Academic Year: 2019-20 (ODD)

Name of the course	Five days Value Added / Short Term course on CREO AUTOMATION AND PRODUCTION
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Student will have seamless data sharing ability; they can easily design entire process, from concept design work to manufacturing the final product.➤ Student can automatically do associative manufacturing and service deliverables generation.➤ Student can add manufacturing businesses transition into model-based enterprises.➤ Student will have enough skills to increase productivity, do better concept design, increase engineering & manufacturing capabilities, and do better simulation and additive manufacturing.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.S.Ponnusamy Mr.R.Vasanthakumar Mr.S.Balamurugan Mr.A.Mohanraj
Duration & Dates	Five days (38 Hours) & 17/06/19 to 21/06/19
Participants & Strength	III YEAR MECH KSRIET STUDENTS & 103


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2019-20 (ODD)

Name of the course	Value Added / Short Term course on AUTOCAD
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Evaluate mechanical designs and select the proper process and materials for production.➤ Create 2D and 3D computer drawings and models for manufacturing and prototyping.➤ Evaluate computer aided design models and assemblies based on critical thinking and problem solving skills.➤ Collaborate with people of diverse backgrounds and abilities.➤ Develop a solution through group work.➤ Communicate and present ideas and solutions to design problems.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.K.Gopalakrishnan Mr.P.Gopinath Mr.S.Baskaran Mr. K. Velusamy
Duration & Dates	38 Hours & 01/07/19 to 01/08/19
Participants & Strength	II YEAR MECH KSRIET STUDENTS & 35


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2019-20 (Even)

Name of the course	Six days Value Added / Short Term course on NDT
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none"> ➤ The student shall be able to select an appropriate NDT technique as per requirement. ➤ The student shall be able to find the internal flaws in the material by NDT and take measures to eliminate them. ➤ The student shall be able to solve various problems encountered like leakage, cracks, blowholes etc with the manufacturing process by analyzing the data. ➤ The student shall be competent enough to make use of modern tools and softwares for analyzing and solving real life problems.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Dr.P.Murugesan AP/MECH Dr.R.Mani AP/MECH Mr.P.Manikandan AP/MECH Mr.S.Rahul AP/MECH
Duration & Dates	Six days (40 Hours) & 02/12/19 to 07/12/19
Participants & Strength	IV YEAR MECH KSRIET STUDENTS & 50


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2019-20 (ODD)

Name of the course	Six days Value Added / Short Term course on CNC
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none"> ➤ Students can identify different axes, machine zero, home position, systems and controls CNC machines. ➤ Students are able to Select, mount and set cutting tools and tool holders on CNC. ➤ Students are able to prepare part programmes using ISO format for given simple components with and without use of MACRO, CANNED CYCLE and SUBROUTINE using ISO format. ➤ Students can Interface software application for auto part programming ➤ Students are able to apply maintenance practices for CNC machines.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.s.Ponnusamy AP/MECH
Resource Persons	Mr.P.Chakravarthi AP/MECH Mr.S.Rajkumar AP/MECH Mr.J.Mathan AP/MECH Mr.P.Karthick AP/MECH
Duration & Dates	Six days (34 Hours) & 04/01/20 to 22/02/20
Participants Strength	& IV YEAR MECH KSRIET STUDENTS & 50


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2019- 2020 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Technology behind AR/VR
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Apply the concepts of virtual reality in real life problems.• Apply the interactive techniques of VR/AR in Healthcare applications.• Develop the interactive applications using Software tools using AR/VR
4.	Relevant POs & PSOs	PO1,PO2,PO3,PO12,PSO1,PSO2
5.	Course Coordinators	1. Mr. S.Nandagopal 2. Mr. D.Balakrishnan
6.	Course Duration (Hrs)	32 Hrs.
7.	Date	17.06.2019 to 21.06.2019
8.	Participants Details & Strength	Final year IT & 49 students
9.	Feedback from Students	Excellent – 39 Very Good – 6 Good – 3 Satisfactory – 1


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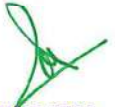
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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2019- 2020 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	AWS Fundamentals: Building Serverless Applications
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Create a BOT using the AWS Fundamental concepts• Design a Cloudfront Applications• Develop an AWS Lambda applications
4.	Relevant POs & PSOs	PO1,PO2,PO3,PO12,PSO1,PSO2
5.	Course Coordinators	1. Dr.S.Russia, Professor/IT 2. Dr.M.Durgadevi, AP/IT 3. Mr.M.Selvakumar, AP/IT
4.	Course Duration (Hrs)	35 Hrs.
5.	Date	17-06-2019 to 21-06-2019
6.	Participants Details & Strength	Final year IT & 40 students
7.	Feedback from Students	Excellent – 23 Very Good – 11 Good – 5 Satisfactory – 3


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2019- 2020 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Web Development
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Apply web design principles to design a webpage using HTML.• Develop a web design using Cascading Style Sheets.• Design a web page using PHP with database connectivity
4.	Relevant POs & PSOs	PO1,PO2,PO3,PO12,PSO1,PSO2
5.	Course Coordinators	3. Mr. S.Nandagopal 4. Mr. D.Balakrishnan 5. Mr.P.S.Prakash Kumar
6.	Course Duration (Hrs)	40 Hrs.
7.	Date	02-12-2019 to 07-12-2019
8.	Participants Details & Strength	Second year IT & 33 students
9.	Feedback from Students	Excellent – 25 Very Good – 5 Good – 2 Satisfactory – 1



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SUMMARY REPORT OF VALUE ADDED COURSE

Department of Mathematics

Academic Year: 2019 – 2020

Name of the Course	Six days Value Added course on Quantitative Aptitude
Course Outcomes	<ul style="list-style-type: none">✓ Understand the basic concepts of Quantitative Ability✓ Understand the basic concepts of Logical Reasoning Skills✓ Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning✓ Compete in various competitive exams like CAT, GATE, UPSC, BANK etc.
Program Outcomes	PO1, PO2, PO9, PO12
Course Convener	Mr. M.S. VIJAYARAJ, HoD/Maths
Course Coordinator	Mr. N. KUMARAVEL, AP/Maths
Resource Persons	R. Kavitha, AP/Maths S. Selvarasu, AP/Maths Dr. N. Lalithamani, Prof/Maths Dr. N. Kumaravel, AP/Maths M. Asickali, ASP/Maths
Duration & Dates	Six Days & 23.12.2019 to 30.12.2019
Participants & Strength	All First Year Students & 231


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2018 – 2019 (ODD)

Name of the course	Five days Value added course on SQL-FUNDAMENTALS
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Enhance the knowledge and understanding of Database analysis and design.• Enhance the knowledge of the processes of Database Development and Administration using SQL• Enhance Programming and Software Engineering skills and techniques using SQL and PL/SQL.• Preparation of background materials and documentation needed for Technical
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">• PO1,PO3,PO5, PO9,PO11, PSO1, PSO2
Course Convener	Dr. B. KALAAVATHI, HoD/CSE
Resource Persons	Mr.M.JAGANATHAN, AP/CSE
Duration & Dates	Five days & 27.08.2018 to 31.08.2018
Participants	II CSE KSRIET STUDENTS
No of Participants	54



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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2018 – 2019(ODD)

Name of the course	Five days Value added course on Mean Stack Development (Angular JS, React JS and Node JS)
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Basic knowledge of developing web applications• HTML and CSS web languages• JavaScript, IDE or Text Editor, Command Line Interface (CLI)• Server-side development with any programming language.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3, PO4,PO5, PO8 ,PO11,PO12, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI,HOD/CSE
Course Coordinators	Mr.M.P.Jagadeesan,AP/CSE
Resource Persons	Mr.M.P.Jagadeesan,AP/CSE
Duration & Dates	Five Days & 12.11.2018 to 16.11.2018
Participants	IV CSE KSRIET STUDENTS
No. of Participants	47


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2018 – 2019(EVEN)

Name of the course	Five days Value added course on Data Science
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Develop relevant programming abilities.• Students will demonstrate proficiency with statistical analysis of data.• Students will develop the ability to build and assess data-based models.• Students will execute statistical analyses with professional statistical software.• Students will demonstrate skill in data management.
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">• PO1,PO2,PO5, PO9,PO11, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI,HOD/CSE
Course Coordinators	Mr. M.P JAGADEESAN
Resource Persons	Mr. M.P JAGADEESAN
Duration & Dates	Five days & 04/03/2019 to 08/03/2019
Participants	III CSE KSRIET STUDENTS
No of participants	48


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2018-19 (ODD)

Name of the course	Eleven days Value Added / Short term course on AutoCAD Electrical
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">• Students will become familiar with Auto Cad two dimensional drawings.• Students will learn the symbol naming conventions; usage of multiple symbol libraries, hydraulic and P&ID symbols; generate PLC layout modules, insert PLC modules, and organize PLC database files.• Students will learn to bring components into panel for layout; to generate and update customizable reports, and use folders to organize drawings.• Students will know how to generate bill of materials reporting, and create PLC I/O drawings from spreadsheets.• Students will know how to do wire numbering and component tagging in circuits design.
Program Outcomes & Program Specific Outcomes	PO1, PO3, PO4, PO5, PO9, PO11, PSO1, PSO2
Course Convener	Dr. R.JEYABHARATH, HoD/EEE
Course Coordinators	Mr.C.SANTHAKUMAR AP/EEE, Mr.M.A.STEPHENRAJ AP/EEE
Resource Persons	Mr.Jaffer Sadik.B , Mr. Johnson J, C CUBE Technologies, Erode
Duration & Dates	Eleven days & 04/06/2018 to 19/06/2018 (60 Hours)
Participants & strength	KSRIET EEE STUDENTS & 39


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2018-19 (ODD)

Name of the course	Four days Value Added / Short Term course on NI Multisim circuits Simulation
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students will able to gain knowledge of Electronic circuit operation/simulation through a hands-on experience.➤ Students will able to bridges the gap between theoretical and practical implementation and investigates into interdisciplinary collaborative academic research.➤ Students will able to bring an awareness about the modern tool application to the current day investigation.➤ This course is designed to give an introduction to National Instruments' Circuits Teaching Solution. The NI Circuits Teaching Solution is a unique combination of tools including NI Multisim schematic capture and SPICE simulation software.➤ The workshop proved to be very informative, giving the students deep insights about basic elements of circuit design flow: capture, simulation, prototyping and test. Through the exercise, students were familiarized with the NI Multisim environment, they will place and wire schematic components, simulate a completed circuit, and prototype and test.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO9,PO12, PSO1
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mrs.R.SACITHRAA, AP/EEE Mr.P.KRISHNAKUMAR, AP/EEE
Resource Persons	Dr.T.SRIHARI, AP/EEE Dr.A.MURUGESAN, AP/EEE
Duration & Dates	Four days (30 Hours) & 15/12/2018 to 18/12/2018
Participants & Strength	II EEE KSRIET STUDENTS & 48



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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2018-19 (EVEN)

Name of the course	Four days Value Added / Short Term course on Projects using Raspberry Pi
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Learn the basics of Internet of Things and its applications➤ Build your computer using Raspberry Pi platform➤ Work with ultrasonic sensor to measure length➤ Setup IoT connectivity using a remote desktop➤ Understand Raspbian OS and Python programming➤ Develop and test applications using Raspberry Pi
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO9,PO12, PSO1, PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Dr.P.VEENA, PROFESSOR/EEE Mr.C.SIVAKUMAR AP/EEE Ms.A.JEEVITHA AP/EEE
Resource Persons	Mr.S.Ahamed Hussainy, Mr. T.Abuthahir, Mr.B.Ananthakrishnan LEPoCUBE Technology
Duration & Dates	Four days (30 Hours) & 07/01/2019 to 10/01/2019
Participants & Strength	III EEE KSRIET STUDENTS & 48


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2018-2019(ODD)

S.No	Particulars	Details
1.	Name of the Course	ESIM OPEN SOURCE TOOL
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Create Circuit Schematic and Perform Circuit Simulation• Create PCB Layout• Understand the Advanced Features – Model Builder & Subcircuit Builder• Learn about NGHDL and create their own simulation project.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PSO4, PO9, PO10, PO11, PSO1 and PSO2
5.	Course Coordinators	1. Mr.T.Senthil,AP/ECE 2. Ms.B.Latha,AP/ECE 3. Mr.V.Praveen Kumar, AP/ECE 4. Mr.R.Pradeep, AP/ECE
6.	Course Duration(Hrs)	30 Hrs
7.	Date	11.08.2018 to 12.08.2018, 25.08.2018 to 26.08.2018 and 02.09.2018
8.	Participants Details & Strength	II-ECE & 80 students
9.	Feedback from Students	Excellent-35 Very Good-25 Good-11 Satisfactory-9


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2018-2019(ODD)

S.No	Particulars	Details
1.	Name of the course	Project Based Learning
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none">• Read and write data from/to files in Python Programs• Develop algorithmic solutions to simple computational problems• Read, write, execute by hand simple Python programs.
4.	Relevant POs & PSOs	PO1, PO3, PO4, PO5, PO6, PO11, PO12, PSO2
5.	Course Coordinator	1. Dr.R.Nandakumar ,HoD/ECE 2. Dr.W.Devapriya, AP/ECE 3. Ms.S.Premalatha, AP/ECE 4. Ms.P.Janani AP/ECE
6.	Course Duration (Hrs)	32
7.	Date	17.12.2018 to 24.12.2018
8.	Participant Detail& strength	80
9.	Feedback from Students	Excellent-35 Very Good-23 Good-13 Satisfactory-9


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2018-2019(ODD)

S.No	Particulars	Details
1.	Name of the course	Cisco Certified Network Associate (CCNA)
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> • Understand the Network Fundamentals • Got more ideas in LAN Switching Technologies • Gaining knowledge in Routing Technologies • Understand concept of WAN Technologies • Gaining knowledge in Infrastructure Services
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO9, P10, PO12, PSO1, PSO2.
5.	Course Coordinator	1. Mr. S.Nandhakumar, AP/ECE 2. Ms. E.L.Dhivyapriya, AP/ECE 3. Mr. B.Vinothkumar, AP/ECE 4. Mrs. M.Shrikalaa, AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	22.12.18, 23.12.18, 25.12.18, 29.12.18 & 30.12.18
8.	Participant Detail & strength	III year & 84
9.	Feedback from Students	Excellent-41 Very Good-27 Good-11 Satisfactory-5


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2018-19 (ODD)

Name of the course	Six days Value Added / Short Term course on Solid Works
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none"> ➤ Demonstrate competency with multiple drawing and modification commands in SOLIDWORKS. ➤ Create three-dimensional solid models. ➤ Create three-dimensional assemblies incorporating multiple solid models. ➤ Apply industry standards in the preparation of technical mechanical drawings. ➤ Create Simulation of the assemblies incorporating multiple solid models
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH Dr.R.Rameshkumar AP/MECH
Resource Persons	Mr.S.Mohanavelan AP/MECH Mr.A.Premkumar AP/MECH Dr.R.Rameshkumar AP/MECH Mr.P.Karthick AP/MECH
Duration & Dates	Six days (50 Hours) & 28/05/2018 to 02/06/2018
Participants & Strength	IV YEAR MECH KSRIET STUDENTS & 95


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Summary Report of Value Added Course
Department of Mechanical Engineering
Academic Year: 2018-19 (ODD)

Name of the course	Five days Value Added / Short Term course on CREO FOR INDUSTRIAL DESIGN
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Student will have seamless data sharing ability; they can easily design entire process, from concept design work to manufacturing the final product.➤ Student can automatically do associative manufacturing and service deliverables generation.➤ Student can add manufacturing businesses transition into model-based enterprises.➤ Student will have enough skills to increase productivity, do better concept design, increase engineering & manufacturing capabilities, do better simulation and additive manufacturing.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.P.Chakravarthi AP/MECH Mr.G.Gowrisankar AP/MECH Mr.S.Balamurugan AP/MECH Mr.K.Velusamy AP/MECH
Duration & Dates	Five days (38 Hours) & 04/06/2018 to 08/06/2018
Participants Strength	& III YEAR MECH KSRIET STUDENTS & 102


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2018-19 (ODD)

Name of the course	Value Added / Short Term course on AUTOCAD
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Evaluate mechanical designs and select the proper process and materials for production.➤ Create 2D and 3D computer drawings and models for manufacturing and prototyping.➤ Evaluate computer aided design models and assemblies based on critical thinking and problem solving skills.➤ Collaborate with people of diverse backgrounds and abilities.➤ Develop a solution through group work.➤ Communicate and present ideas and solutions to design problems.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr S.Mohanavelan AP / MECH Mr M.Sambath Kumar AP / MECH Mr A.Premkumar AP / MECH Mr K.Gopalakrishnan AP / MECH
Duration & Dates	38 Hours & 02/07/2018 to 01/08/2018
Participants Strength	& II YEAR MECH KSRIET STUDENTS & 101


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2018-19 (EVEN)

Name of the course	Five days Value Added / Short Term course on CREO FOR AUTOMATION AND PRODUCTION
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none"> ➤ Student will have seamless data sharing ability; they can easily design entire process, from concept design work to manufacturing the final product. ➤ Student can automatically do associative manufacturing and service deliverables generation. ➤ Student can add manufacturing businesses transition into model-based enterprises. ➤ Student will have enough skills to increase productivity, do better concept design, increase engineering & manufacturing capabilities, do better simulation and additive manufacturing.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12,PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.A.M.Ramkumar Mr. S.Baskaran Ms.G.Anitha Mr. M.Sathish kumar
Duration & Dates	Five days (38 Hours) & 10/12/2018 to 14/12/2018
Participants & Strength	IV YEAR MECH KSRIET STUDENTS & 69


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2018- 2019 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Block Chain Technology
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">Analyze emerging abstract models for Blockchain TechnologyIdentify major research challenges and technical gaps existing between theory and practice in crypto currency domain.Provides conceptual understanding of the function of Blockchain as a method of securing distributed ledgersIdentify hyperledger Fabric and Ethereum platform to implement the Block chain Application.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO11, PSO1 and PSO2
5.	Course Coordinators	1. Mr. S.Arun Prasath, AP/IT 2. Mr. P.S.Prakash Kumar, AP/IT 3. Ms. M.Soundariya, AP/IT
6.	Course Duration (Hrs)	30 Hrs.
7.	Date	25-06-2018 to 29-06-2018
8.	Participants Details & Strength	Final year IT & 35 students
9.	Feedback from Students	Excellent – 24 Good – 9 Average – 2


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2018- 2019 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Big data Analytics using Hadoop
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Identify Big Data and its Business Implications.• List the components of Hadoop and Hadoop Eco-System• Access and Process Data on Distributed File System• Manage Job Execution in Hadoop Environment• Develop Big Data Solutions using Hadoop Eco System
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO11, PSO1 and PSO2
5.	Course Coordinators	1. Dr.S.Russia, Professor/IT 2. Ms.M.Dhurgadevi, AP/IT 3. Mr.M.Selvakumar, AP/IT
6.	Course Duration (Hrs)	35 Hrs.
7.	Date	25-06-2018 to 29-06-2018
8.	Participants Details & Strength	III - IT & 42 students
9.	Feedback from Students	Excellent – 28 Good – 12 Average – 2



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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2018- 2019 (EVEN)

S. No.	Particulars	Details
1.	Name of the Course	Ethical Hacking
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none"> • Identify the overview of hacking and essential terminologies • Identify the footprinting & port scanning • Analyze the system hacking , Session Hijacking • Developing the level of hacking techniques
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO11, PSO1 and PSO2
5.	Course Coordinators	1. Dr.K.Gowsic , ASP/IT 2. Mr. P.S.Prakash Kumar, AP/IT 3. Ms. K.G.Lavanya, AP/IT
6.	Course Duration (Hrs)	32 Hrs.
7.	Date	10-12-2018 to 14-12-2018
8.	Participants Details & Strength	Second Year IT & 49 students
9.	Feedback from Students	Excellent – 39 Good – 9 Average –1


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SUMMARY REPORT OF VALUE ADDED COURSE

Department of Mathematics

Academic Year: 2018 – 2019

Name of the Course	Six days Value Added course on Quantitative Aptitude
Course Outcomes	<ul style="list-style-type: none">✓ Understand the basic concepts of Quantitative Ability✓ Understand the basic concepts of Logical Reasoning Skills✓ Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning✓ Compete in various competitive exams like CAT, GATE, UPSC, BANK etc.
Program Outcomes	PO1, PO2, PO9, PO12
Course Convener	Mr. M.S. VIJAYARAJ, HoD/Maths
Course Coordinator	Mr. N. KUMARAVEL, AP/Maths
Resource Persons	M.S. Vijayaraj, HoD/Maths P. Devisri, AP/Maths, G. Kavitha, AP/Maths, Dr. N. Kumaravel, AP/Maths, R. Kavitha, AP/Maths
Duration & Dates	Six Days & 03.06.2019 to 08.06.2019
Participants & Strength	All First Year Students & 172


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year 2017-2018(ODD)

Name of the course	SOFTWARE TESTING TOOLS
Course Contents	Enclosed
Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Upon completion of the Software Testing Tools, Student should be able to explain fundamental concepts in software testing, including software testing objectives, process, criteria, strategies, and methods• At the end of the course, student should expose the advanced software testing topics, such as object-oriented software testing methods, and component-based software testing issues, challenges, and solutions.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3, PO4,PO5, PO6,PO7,PO11,PO12, PSO1, PSO2
Course Convener	Dr.B.Kalaavathi, HOD/CSE
Course Coordinators	Mr.V.Gopinath ,AP/CSE Mr.V.Prakasham, AP/CSE
Resource Persons	Mr.V.Gopinath ,AP/CSE Mr.V.Prakasham, AP/CSE
Participants	IV CSE
Duration & Dates	10.07.2017 to 14.07.2017
No of participants	45


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year 2017-2018(ODD)

Name of the course	Hardware Troubleshooting and Photoshop
Course Contents	Enclosed
Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• to know about various fundamentals on Hardware Troubleshooting• known about knowledge about computer hardware's and editing of the video.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3, PO4,PO5, PO6,PO7,PO11,PO12, PSO1, PSO2
Course Convener	Dr.B.Kalaavathi, HOD/CSE
Course Coordinators	Mr.S.Karthikeyan, SYSTEM ADMIN Mr.V.Prakasham, AP/CSE
Resource Persons	Mr.S.Karthikeyan, SYSTEM ADMIN Mr.V.Prakasham, AP/CSE
Duration & Dates	04.09.2017 to 08.09.2017
Participants	II CSE
No of participants	45


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year 2017-2018(EVEN)

Name of the course	INTRODUCTION TO INTERNET OF THINGS
Course Contents	Enclosed
Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Able to understand the application areas of IOT• Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks Able to understand building blocks of Internet of Things and characteristics
Program Outcomes & Program Specific Outcomes	PO1,PO2, PO4,PO5,PO7,PO11,PO12, PSO1, PSO2
Course Convener	Dr.B.Kalaavathi, HOD/CSE
Course Coordinators	Dr.B.Kalaavathi, Prof/CSE Mr.K.Gowsic, AP/CSE
Resource Persons	Dr.B.Kalaavathi, Prof/CSE Mr.K.Gowsic, AP/CSE
Duration & Dates	02.01.2018 to 06.01.2018
Participants	III CSE
No of participants	47


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2017-2018

Name of the course	Ten days Value Added/Short term course on AutoCAD Electrical
Course Contents	Enclosed
Course Outcomes	<p>At the end of the course ,</p> <ul style="list-style-type: none">• Students will become familiar with Auto Cad two dimensional drawings.• Students will learn the symbol naming conventions; usage of multiple symbol libraries, hydraulic and P&ID symbols; generate PLC layout modules, insert PLC modules, and organize PLC database files.• Students will learn to bring components into panel for layout; to generate and update customizable reports, and use folders to organize drawings.• Students will know how to generate bill of materials reporting, and create PLC I/O drawings from spreadsheets.• Students will know how to do wire numbering and component tagging in circuits design.
Program Outcomes & Program Specific Outcomes	PO1,PO3, PO4,PO5, PO9,PO11, PSO1, PSO2
Course Convener	Dr. R.JEYABHARATH, HoD/EEE
Course Coordinators	Dr.P.Veena, Prof/EEE, Mr. S.Velmurugan AP/EEE, Mr.T.Arvind AP/EEE, Ms.S.Sudha AP/EEE
Resource Persons	1.Jaffer Sadik.B 2. Johnson J, C CUBE Technologies
Duration & Dates	Ten days & 12.06.2017 to 23.06.2017 & (60 Hours)
Participants & Strength	KSRIET EEE STUDENTS & 73


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2017-18 (ODD)

Name of the course	Four days Value Added / Short Term course on NI Multisim Circuits Simulation
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students will able to gain knowledge of Electronic circuit operation/simulation through a hands-on experience.➤ Students will able to bridges the gap between theoretical and practical implementation and investigates into interdisciplinary collaborative academic research.➤ Students will able to bring an awareness about the modern tool application to the current day investigation.➤ This course is designed to give an introduction to National Instruments' Circuits Teaching Solution. The NI Circuits Teaching Solution is a unique combination of tools including NI Multisim schematic capture and SPICE simulation software.➤ The workshop proved to be very informative, giving the students deep insights about basic elements of circuit design flow: capture, simulation, prototyping and test. Through the exercise, students were familiarized with the NI Multisim environment, they will place and wire schematic components, simulate a completed circuit, and prototype and test.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO9,PO12, PSO1
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr.Y.KALIMUTHU, AP / EEE Mrs.R.SACITHRAA, AP/EEE Ms.K.INDUMATHI, AP/EEE
Resource Persons	Mr.T.Srihari AP/EEE Mr.A.Murugesan AP/EEE
Duration & Dates	Four days (30 Hours) & 24/06/2017 to 27/06/2017
Participants & Strength	II EEE KSRIET STUDENTS & 47

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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2017-2018

Name of the course	Four days Value Added / Short Term course on PLC Programming
Course Contents	Enclosed
Course Outcomes	At the end of the course students will be able to <ul style="list-style-type: none">• Understand the purpose, functions, and operations of a PLC• Identify the basic components of the PLC and how they function• View a directory of processor files using PLC software• Establish communications with a PLC• Restore and monitor a PLC processor file using PLC programming software• Run a PLC processor file using PLC programming software• View the status of the SLC-500 input and output data tables• Create a PLC project using PLC software• Configure the I/O for a PLC project using PLC software• Enter a basic PLC program using PLC software• Save a PLC program to a disk using PLC software• Edit a PLC program using PLC software• Generate and print out a ladder logic report using PLC software
Program Outcomes & Program Specific Outcomes	PO1, PO2, PO3, PO5, PO7, PO9, PO11, PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr. C.Santhakumar AP/EEE, Mr.M.A.Stephenraj AP/EEE, Mr.P.Krishnakumar AP/EEE
Resource Persons	1. Dr. V.R.Velmurugan, Senior Lecturer EEE, 2. Mr. G.Rajagopal/ JDO - Electrical, P.A.C. Ramasamy Raja Polytechnic College
Duration & Dates	Four days (30 Hours) & 07.08.2017 to 10.08.2017
Participants & Strength	III Year EEE KSRIET STUDENTS & 80



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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2017-2018(ODD)

S.No	Particulars	Details
1.	Name of the course	Speed Maths-“Maths or Magic
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> Solve and analyse the basic aptitude questions
4.	Relevant POs & PSOs	PO1, PO3, PO4, PO5, PO6, PO11, PO12 , PSO 1, PSO 2.
5.	Course Coordinator	1.Dr.A.N.Nandakumar 2.P.Govindaraju 3.P.Premalatha 4.J.Divakaran
6.	Course Duration (Hrs)	30
7.	Date	8.7.17, 9.7.17, 16.7.17 & 22.7.17, 23.7.17
8.	Participant Detail& strength	84
9.	Feedback from Students	Excellent-31 Very Good-25 Good-18 Satisfactory-10


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2017-2018(ODD)

S.No	Particulars	Details
1.	Name of the course	Project Based Learning in Embedded System Design using ARDUINO Platform
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> • Understand the basics of Embedded system design • Interface hardwares with ARDUINO board • Connect Sensors and actuators with ARDUINO • Control embedded system based devices with ARDUINO • Design Embedded system with ARDUINO
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO11, PO12, PSO 1, PSO 2.
5.	Course Coordinator	1. Mr. S.Karthik, AP/ECE 2. Mr.K.Venkatachalam, AP/ECE 3. Mrs.K.J.Uma, AP/ECE 4. Mrs.P.Vidhya, AP/ECE
6.	Course Duration (Hrs)	35
7.	Date	08.07.17, 09.07.17, 16.07.17, 22.07.17 23.07.17
8.	Participant Detail & strength	III ECE / 80 students
9.	Feedback from Students	Excellent - 43 Very Good - 26 Good - 7 Satisfactory - 4


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2017-2018(EVEN)

S.No	Particulars	Details
1.	Name of the course	IOT USING RASPBERRY PI
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none">• Understand Iot design Methodology• Gain knowledge IoT and the Maker Movement• Use Internet Gateway Device for design• Setting up Raspberry Pi• Transfer your design to IoT Applications
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO12, PSO 1, PSO 2.
5.	Course Coordinator	1. Dr. N.R.Rajalakshmi, ASP/ECE 2. Mr. G.Gowthamraj, AP/ECE 3. Mr.R.Tamilmani, AP/ECE 4. Mr. K.R. Gokulanand, AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	18.12.2017 to 02.01.2018
8.	Participant Detail & strength	IV ECE / 100
9.	Feedback from Students	Excellent-66 Very Good-20 Good-9 Satisfactory-5


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2017-18 (ODD)

Name of the course	Five days Value Added / Short Term course on Creo for Industrial Design
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Students will learn how to sketch, model, validate design and visualize product design using the software• Students will be able to do direct drafting, direct modelling and parametric 3D modelling.• Students will know how to validate your product design according to the given requirement.• This is a Ready-for-Industry course which gives the students ample knowledge to ace the placement drive.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12,PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.A.V.T SHUBHASH AP/MECH
Resource Persons	Mr.K.Gopalakrishnan AP/MECH Mr.M.V.Shanmugam AP/MECH Mr.K.Vijay AP/MECH Mr.A.M.Ramkumar AP/MECH
Duration & Dates	Five days (43 Hours) & 29/05/2017 to 02/06/2017
Participants Strength	& III YEAR MECH KSRIET STUDENTS & 92


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2017-18 (ODD)

Name of the course	Five days Value Added / Short Term course on CREO AUTOMATION AND PRODUCTION
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Student will have seamless data sharing ability; they can easily design entire process, from concept design work to manufacturing the final product.➤ Student can automatically do associative manufacturing and service deliverables generation.➤ Student can add manufacturing businesses transition into model-based enterprises.➤ Student will have enough skills to increase productivity, do better concept design, increase engineering & manufacturing capabilities, do better simulation and additive manufacturing.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.A.V.T SHUBHASH AP/MECH
Resource Persons	Mr.R.Nirmalraja, AP/MECH Mr.G.Gowrisankar, AP/MECH Mr.A.V.T Shubhash, AP/MECH
Duration & Dates	Five days (38 Hours) & 05/06/17 to 09/06/17
Participants Strength	IV YEAR MECH KSRIET STUDENTS & 93

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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2017-2018 (ODD)

Name of the course	Value Added / Short Term course on AUTOCAD
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Evaluate mechanical designs and select the proper process and materials for production.➤ Create 2D and 3D computer drawings and models for manufacturing and prototyping.➤ Evaluate computer aided design models and assemblies based on critical thinking and problem solving skills.➤ Collaborate with people of diverse backgrounds and abilities.➤ Develop a solution through group work.➤ Communicate and present ideas and solutions to design problems.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.A.V.T SHUBHASH AP/MECH
Resource Persons	Mr.L.Selvakumar (United cad) Mr.M.kannan (United cad) Mr.S.Baskaran AP/MECH Mr.D.Ramkumar AP/MECH
Duration & Dates	38 Hours & 10/07/17 To 11/08/17
Participants Strength &	II YEAR MECH KSRIET STUDENTS & 99

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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2017-18 (ODD)

Name of the course	Five days Value Added / Short Term course on Piping
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ To know the Scope & Responsibilities of Piping Engineer➤ To know the Basics parameters and basic operations, Routing, Joints & Fittings, Equipment➤ To increase the creativity of plant modeling➤ To develop the knowledge of stress analysis
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.A.V.T SHUBHASH AP/MECH
Resource Persons	Mr.M.Kannan (United CAD) Mr.S.Rahul AP/MECH Mr.M.Kannan (United CAD) Mr. V.K.Vasanth AP/MECH Mr. K.Kavin raj AP/MECH
Duration & Dates	Five days (34 Hours) & 04/12/17 to 08/12/17
Participants Strength	& IV YEAR MECH KSRIET STUDENTS & 80


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2017-18 (ODD)

Name of the course	Six days Value Added / Short Term course on Solid Works
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Demonstrate competency with multiple drawing and modification commands in SOLIDWORKS.➤ Create three-dimensional solid models.➤ Create three-dimensional assemblies incorporating multiple solid models.➤ Apply industry standards in the preparation of technical mechanical drawings.➤ Create Simulation of the assemblies incorporating multiple solid models
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.A.V.T SHUBHASH AP/MECH
Resource Persons	Dr.P.Murugesan AP/MECH Dr.R.Mani AP/MECH Mr P.Gopinath AP/MECH Mr A.Mohanraj AP/MECH
Duration & Dates	Six days (40 Hours) & 11/12/17 to 16/12/17
Participants Strength	III YEAR MECH KSRIET STUDENTS & 76


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2017- 2018 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Introduction to Parallel Programming in OpenMP
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none"> • develop improved communication and collaborative skills. • gain experience in a number of different parallel computing paradigms including memory passing, memory sharing, data-parallel and other approaches. • develop an understanding of various basic concepts associated with parallel computing environments.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO5, PSO1 and PSO2
5.	Course Coordinators	1. Ms. G.Malathy ASP/IT 2. Mrs. S.Abinaya AP/IT 3. Mr. P.Rajkumar AP/IT
6.	Course Duration (Hrs)	34 Hrs.
7.	Date	26-06-2017 to 30-06-2017
8.	Participants Details & Strength	III - IT & 16 students
9.	Feedback from Students	Excellent – 10 Very Good – 3 Good – 2 Satisfactory – 1



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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2017- 2018 (EVEN)

S. No.	Particulars	Details
1.	Name of the Course	IoT
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none"> • Develop the application areas of IOT • Realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks • Analyze the building blocks of Internet of Things and characteristics.
4.	Relevant POs & PSOs	PO1, PO3, PO5, PSO1 and PSO2
5.	Course Coordinators	1. Ms.R.Subapriya AP/IT 2. Mr.M.Selvakumar AP/IT 3. Mr.R.Naresh AP/IT 4. Ms.P. Shanmugapriya, AP/IT
6.	Course Duration (Hrs)	35 Hrs.
7.	Date	26-06-2017 to 30-06-2017
8.	Participants Details & Strength	III - IT & 39 students
9.	Feedback from Students	Excellent – 22 Very Good – 15 Good – 1 Satisfactory – 1


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2017- 2018 (EVEN)

S. No.	Particulars	Details
1.	Name of the Course	Arduino
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Examine Arduino programming with C++.• Develop smart systems applications.• Realize about any new IDE, compiler, and MCU chip in Arduino
4.	Relevant POs & PSOs	PO1, PO3, PO4, PO5, PSO1 and PSO2
5.	Course Coordinators	1. Ms.M.Soundariya AP/IT 2. Mrs. K. G. Lavanya AP/IT 3. Mr. P.S. Prakash Kumar AP/IT 4. Ms.R.Subapriya AP/IT
6.	Course Duration (Hrs)	34 Hrs.
7.	Date	11.12.2017 to 15.12.2017
8.	Participants Details & Strength	II - IT & 44 students
9.	Feedback from Students	Excellent – 22 Very Good – 13 Good – 8 Satisfactory – 1


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SUMMARY REPORT OF VALUE ADDED COURSE

Department of Mathematics

Academic Year: 2017 – 2018

Name of the Course	Six days Value Added course on Quantitative Aptitude
Course Outcomes	<ul style="list-style-type: none">✓ Understand the basic concepts of Quantitative Ability✓ Understand the basic concepts of Logical Reasoning Skills✓ Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning✓ Compete in various competitive exams like CAT, GATE, UPSC, BANK etc.
Program Outcomes	PO1, PO2, PO9, PO12
Course Convener	Mr. M.S. VIJAYARAJ, HoD/Maths
Course Coordinator	Mr. N. KUMARAVEL, AP/Maths
Resource Persons	R. Kavitha, AP/Maths, R. Kulandaivelu, AP/Maths, A. Jayakumar, AP/Maths, N. Selvaraj, AP/Maths, P. Sivakumar, AP/Maths, N. Kumaravel, AP/Maths, K. Suresh, AP/Maths,
Duration & Dates	Six Days & 18.01.2018 to 24.01.2018
Participants & Strength	All First Year Students & 357



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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2016 – 2017 (ODD)

Name of the course	Five days Value added course on VMware Virtualization Data Center
Course Contents	➤ Enclosed
Learning Outcomes	<ul style="list-style-type: none"> • Able to understand the principles of virtualization technologies and DataCenter • At the end of the course students able to understand the concepts how virtual machines, hypervisors, virtual networks and virtual storage work together. • Be able to install and build infrastructure in practice • This Course Enhanced the actual approaches in virtual machine management and troubleshooting.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO5, PO9,PO11, PSO1, PSO2
Course Convener	Dr. B. KALAAVATHI, HoD/CSE
Resource Persons	Mr.R.GOPAL,AP/CSE Mrs.V.THANGAMANI,AP/CSE
Duration & Dates	Five days & 19/09/2016 to 23/09/2016
Participants	II CSE KSRIET STUDENTS
No of Participants	54



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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2016 – 2017 (EVEN)

Name of the course	Five days Value added course on Mobile Application Development
Course Contents	➤ Enclosed
Course Outcomes	Students are capable of <ul style="list-style-type: none">Familiar with Installation of eclipse and android development kit and the basic files in the android.Familiar with develop simple android applicationsScheduling & Managing of routine tasks related to data backup & Anti-virus applications in android.
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">PO1, PO2, PO4, PO9, PO11, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI, HOD/CSE
Course Coordinators	Mr.V.PRAKASHAM, AP/CSE
Resource Persons	Mr. R. VENKATESAN, AP/CSE
Duration & Dates	Five days & 06/02/2017 to 10/0/2017
Participants	III CSE KSRIET STUDENTS
No of participants	51


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Summary Report of Value Added Course

Department of Computer Science and Engineering

Academic Year: 2016 – 2017 (EVEN)

Name of the course	Five days Value added course on ORACLE/SQL-FUNDAMENTALS
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Able to Enhance the knowledge and understanding of Database analysis and design.• Students able to understand the knowledge of the processes of Database Development and Administration using SQL• At the end of the course students Enhance Programming and Software Engineering skills and techniques using SQL and PL/SQL.
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">• PO1,PO3,PO5, PO9,PO11, PSO1, PSO2
Course Convener	Dr. B. KALAAVATHI, HoD/CSE
Resource Persons	Mr.V.Gopinath AP/CSE & Mr.K.Sriramkumar AP/CSE
Duration & Dates	Five days & 03-04-2017 to 07-04-2017
Participants	III CSE KSRIET STUDENTS
No of Participants	47


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2016-17 (EVEN)

Name of the course	Four days Value Added / Short Term course on Projects using Raspberry Pi
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Learn the basics of Internet of Things and its applications➤ Build your computer using Raspberry Pi platform➤ Work with ultrasonic sensor to measure length➤ Setup IoT connectivity using a remote desktop➤ Understand Raspbian OS and Python programming➤ Develop and test applications using Raspberry Pi
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO9,PO12, PSO1, PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Dr.P.VEENA, Prof / EEE Mrs.K.MEENATCHI, AP/EEE Mr.C.SIVAKUMAR, AP/EEE
Resource Persons	Mr.T.SRIHARI, AP/EEE
Duration & Dates	Four days (30 Hours) & 09/02/2017 to 12/02/2017
Participants & Strength	III EEE KSRIET STUDENTS & 71


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2016-17 (EVEN)

Name of the course	Four days Value Added / Short Term course on Projects using Raspberry Pi
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Learn the basics of Internet of Things and its applications➤ Build your computer using Raspberry Pi platform➤ Work with ultrasonic sensor to measure length➤ Setup IoT connectivity using a remote desktop➤ Understand Raspbian OS and Python programming➤ Develop and test applications using Raspberry Pi
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5,PO9,PO12, PSO1, PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr.C.SANTHAKUMAR, AP / EEE Mrs.P.MAHESWARI, AP/EEE Mr.T.ARVIND, AP/EEE
Resource Persons	Mr.T.SRIHARI, AP/EEE
Duration & Dates	Four days (30 Hours) & 13/02/2017 to 16/02/2017
Participants & Strength	IV EEE KSRIET STUDENTS & 100


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2016-17 (EVEN)

Name of the course	Four days Value Added / Short Term course on NI Multisim Circuits Simulation
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students will be able to gain knowledge of Electronic circuit operation/simulation through a hands-on experience.➤ Students will be able to bridges the gap between theoretical and practical implementation and investigates into interdisciplinary collaborative academic research.➤ Students will be able to bring an awareness about the modern tool application to the current day investigation.➤ This course is designed to give an introduction to National Instruments' Circuits Teaching Solution. The NI Circuits Teaching Solution is a unique combination of tools including NI Multisim schematic capture and SPICE simulation software.➤ The workshop proved to be very informative, giving the students deep insights about basic elements of circuit design flow: capture, simulation, prototyping and test. Through the exercise, students were familiarized with the NI Multisim environment, they will place and wire schematic components, simulate a completed circuit, and prototype and test.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5, PO9,PO12, PSO1
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr.Y.KALIMUTHU,AP / EEE Mr.M.A.STEPHENRAJ, AP/EEE Mr.S.KRISHNAKUMAR, AP/EEE
Resource Persons	Mr.T.Srihari AP/EEE Mr.A.Murugesan AP/EEE
Duration & Dates	Four days (30 Hours) & 18/02/2017 to 21/02/2017
Participants & Strength	II EEE KSRIET STUDENTS & 82


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2016-2017(ODD)

S.No	Particulars	Details
1.	Name of the course	Maker spaces in Open source platform
2.	Course contents	Enclosed
3.	Course Outcomes	<p>At the end of the course, the students will be able to :</p> <ul style="list-style-type: none"> • Understand Open Source Platform And Arduino Uno • Learn Programming In C And Arduino Uno Hardware Connection Explain the GPIO, Timers, Interrupts in MSP430 • Executed Real Time Application Using Embedded System Concepts • Interface LCD, LED, Relays, Transistor, Stepper & DC Motor
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO11, PO12, PSO1, PSO2.
5.	Course Coordinator	1. Dr.P.V.N.Reddy, Prof/ECE 2. Mr.G.Gowthamraj, AP/ECE 3. Mr.R.Tamilmani, AP/ECE 4. Mr.K.R.Gokulanand, AP/ECE
6.	Course Duration (Hrs)	32
7.	Date	07.07.2016,09.07.2016,10.07.2016,23.07.2016&24.07.2016
8.	Participant Detail & strength	II ECE / 80 students
9.	Feedback from Students	Excellent - 50 Very Good - 20 Good - 6 Satisfactory - 4


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Summary Report for the value added course

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Department of Electronics and Communication Engineering

Academic year:2016-2017(ODD)

S.No	Particulars	Details
1.	Name of the course	Application of MATLAB for signal Communication and Image Processing
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none">• Explain the basics of signal Communication and Image Processing• Analyse the signal Communication and Image Processing using MATLAB
4.	Relevant POs & PSOs	PO1, PO3, PO4, PO5, PO6, PO11, PO12 , PSO 2.
5.	Course Coordinator	1. Dr.R.Venkadesh 2. Mr.S.Boopathy 3. Mr.S.Deepak 4. Mr.V.Arun
6.	Course Duration (Hrs)	30
7.	Date	7.7.16, 9.7.16, 10.7.16, 23.7.16, 24.7.16
8.	Participant Detail& strength	20
9.	Feedback from Students	Excellent-15 Very Good-2 Good-2 Satisfactory-1


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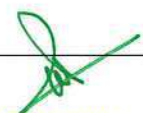
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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2016-2017(Even)

S.No	Particulars	Details
1.	Name of the course	NETWORKS AND SECURITY
2.	Course contents	Enclosed
3.	Course Outcomes	<p>At the end of the course, the students will be able to :</p> <p>At the end of the course, the students will be able to :</p> <ul style="list-style-type: none"> • Understand the Network Fundamentals • Got more ideas in LAN Switching Technologies • Gaining knowledge in Routing Technologies • Understand concept of WAN Technologies • Gaining knowledge in Infrastructure Services
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO9, P10, PO12, PSO1, PSO2
5.	Course Coordinator	Mr. S. Nandhakumar AP /ECE
6.	Course Duration (Hrs)	30
7.	Date	8.01.2017, 21.01.2017 to 22.01.2017, 28.01.2017 to 29.01.2017
8.	Participant Detail & strength	IV ECE / 104
9.	Feedback from Students	<p>Excellent-65</p> <p>Very Good-30</p> <p>Good-5</p> <p>Satisfactory-4</p>


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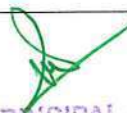
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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2016-17 (ODD)

Name of the course	Six Days Value Added / Short Term course on Solid Works
Course Contents	➤ Enclosed
Course Outcomes	➤ Demonstrate competency with multiple drawing and modification commands in SOLIDWORKS. ➤ Create three-dimensional solid models. ➤ Create three-dimensional assemblies incorporating multiple solid models. ➤ Apply industry standards in the preparation of technical mechanical drawings. ➤ Create Simulation of the assemblies incorporating multiple solid models
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH Dr.R.Rameshkumar AP/MECH
Resource Persons	Mr.L.Selvakumar (United CAD) Mr.M.Kalidhas (United CAD) Mr.G.Gowrisankar AP/MECH Mr.M.Sathish kumar AP/MECH
Duration & Dates	40 Hours & 06/06/16 to 11/06/16
Participants Strength &	III YEAR MECH KSRIET STUDENTS & 96


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2016-17 (ODD)

Name of the course	Five days Value Added / Short Term course on CREO for Industrial Design
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Students will learn how to sketch, model, validate design and visualize product design using the software• Students will be able to do direct drafting, direct modelling and parametric 3D modelling.• Students will know how to validate your product design according to the given requirement.• This is a Ready-for-Industry course which gives the students ample knowledge to ace the placement drive.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12,PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.M.Sambath Kumar Mr.K.Vetriselvan Mr.S.Rajkumar Mr.M.Ashok Kumar
Duration & Dates	Five days (43 Hours) & 13/06/16 to 17/06/16
Participants Strength	III YEAR MECH KSRIET STUDENTS & 90


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2016-17 (ODD)

Name of the course	Value Added / Short Term course on AUTOCAD
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Evaluate mechanical designs and select the proper process and materials for production.➤ Create 2D and 3D computer drawings and models for manufacturing and prototyping.➤ Evaluate computer aided design models and assemblies based on critical thinking and problem solving skills.➤ Collaborate with people of diverse backgrounds and abilities.➤ Develop a solution through group work.➤ Communicate and present ideas and solutions to design problems.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.P.Gopinath AP/MECH Mr.S.Ponnusamy AP/MECH Mr.R.Surendran AP/MECH Mr.E.S.Palanivel AP/MECH
Duration & Dates	38 Hours & 04/07/2016 To 28/07/2016
Participants Strength	& II YEAR MECH KSRIET STUDENTS & 96

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Summary Report of Value Added Course
Department of Mechanical Engineering
Academic Year: 2016-17 (ODD)

Name of the course	Five days Value Added / Short Term course on ANSYS
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Use the ANSYS package to solve basic engineering analysis problems using FEA techniques.➤ Finite element modeling package for numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems.➤ To obtain an understanding of the fundamental theory of the FEA method➤ To develop the ability to generate the governing FE equations for systems governed by partial differential equations➤ To understand the use of the basic finite elements for structural applications using truss, beam, frame, and plane elements➤ To understand the application and use of the FE method for heat transfer problems
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.M.Sambath Kumar, Mr.K.Vetriselvan Mr.S.Rajkumar , Mr.M.Ashok Kumar
Duration & Dates	Five days (40 Hours) & 19/12/2016 to 23/12/2016
Participants Strength	& IV YEAR MECH KSRIET STUDENTS & 95

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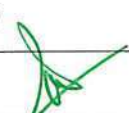
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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2016-17(ODD)

Name of the course	Six days Value Added / Short Term course on CNC
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students can identify different axes, machine zero, home position, systems and controls CNC machines.➤ Students are able to Select, mount and set cutting tools and tool holders on CNC.➤ Students are able to prepare part programmes using ISO format for given simple components with and without use of MACRO, CANNED CYCLE and SUBROUTINE using ISO format.➤ Students can Interface software application for auto part programming➤ Students are able to apply maintenance practices for CNC machines.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.P.Chakravarthi Mr.T.Prabhu
Duration & Dates	Six days (34 Hours) & 26/12/16 to 31/12/16
Participants Strength	IV YEAR MECH KSRIET STUDENTS & 100


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2016-17 (EVEN)

Name of the course	Value Added / Short Term course on CATIA
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ To Know and be able to apply graphical representation techniques using traditional metric geometry and descriptive geometry methods➤ To know, identify, interpret and apply the current standards on Industrial Technical Drawing.➤ Computer aided design applications that allow students to elaborate and use graphical and technical information.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr. M.Kalidhas (United CAD) Mr. A.Mohanraj Mr. R.Siby Mr. K.Vijay
Duration & Dates	42 Hours & 17/01/2017 TO 11/02/2017
Participants & Strength	II YEAR MECH KSRIET STUDENTS & 80


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2016- 2017 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Search Engine Optimization with Google Analytics & Web Master Tools
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none"> • Implement various optimization and search engine techniques. • Analyze queries and average keyword position. • Implement the spam blogging with web master tool.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO9, PSO1 and PSO2
5.	Course Coordinators	1. Ms.M.Dhurgadevi, AP/IT 2. Ms.P.Shanmugapriya, AP/IT 3. Ms.R.Subapriya, AP/IT 4. Mr.P.S.Prakash Kumar, AP/IT
6.	Course Duration (Hrs)	35 Hrs.
7.	Date	27.06.2016 to 01.07.2016
8.	Participants Details & Strength	IV - IT & 43 students
9.	Feedback from Students	Excellent – 27 Very Good – 10 Good – 5 Satisfactory – 1


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2016- 2017 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Computer Vision and Image Processing
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Develop image processing applications.• Deploy different techniques for enhancement of images• Apply various image compression techniques.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO11, PSO1 and PSO2
5.	Course Coordinators	1. Dr.G.Malathy, ASP/IT 2. Ms.S.Russia, AP/IT 3. Ms.K.G.Lavanya, AP/IT 4. Mr.M.Selvakumar, AP/IT
6.	Course Duration (Hrs)	32 Hrs.
7.	Date	27.06.2016 to 01.07.2016
8.	Participants Details & Strength	III - IT & 16 students
9.	Feedback from Students	Excellent – 9 Very Good – 3 Good – 3 Satisfactory – 1


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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2016- 2017 (EVEN)

S. No.	Particulars	Details
1.	Name of the Course	Python for Data Science
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none"> Identify the characteristics of datasets and compare the trivial data and big data for various applications. Implement advanced list processing technique for real word healthcare data. Develop applications for real world problems.
4.	Relevant POs & PSOs	PO2, PO3, PO5, PO10, PSO1 and PSO2
5.	Course Coordinators	1. Mr.R.Naresh, AP/IT 2. Mr.P.Rajakumar, AP/IT 3. Mr.S.Arunprasath, AP/IT
6.	Course Duration (Hrs)	30 Hrs.
7.	Date	26.12.2016 to 30.12.2016
8.	Participants Details & Strength	II - IT & 42 students
9.	Feedback from Students	Excellent – 25 Very Good – 10 Good – 5 Satisfactory – 2


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SUMMARY REPORT OF VALUE ADDED COURSE

Department of Mathematics

Academic Year: 2016 – 2017

Name of the Course	Six days Value Added course on Quantitative Aptitude
Course Outcomes	<ul style="list-style-type: none">✓ Understand the basic concepts of Quantitative Ability✓ Understand the basic concepts of Logical Reasoning Skills✓ Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning✓ Compete in various competitive exams like CAT, GATE, UPSC, BANK etc.
Program Outcomes	PO1, PO2, PO9, PO12
Course Convener	Mr. M. Asick Ali, HoD/Maths
Course Coordinator	Mr. M.S. Vijayaraj, AP/Maths
Resource Persons	P. Devisri, AP/Maths, A. Jayakumar, AP/Maths, S. Selvarasu, AP/Maths, N. Selvaraj, AP/Maths, P. Sivakumar, AP/Maths, N. Kumaravel, AP/Maths, K. Suresh, AP/Maths,
Duration & Dates	Six Days & 19.12.2016 to 24.12.2016
Participants & Strength	All First Year Students & 322


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2015 – 2016 (ODD)

Name of the course	Five days Value added course on Mobile Application Development using Android
Course Contents	➤ Enclosed
Course Outcomes	Students are capable of <ul style="list-style-type: none">Familiar with Installation of eclipse and android development kit and the basic files in the android.Familiar with develop simple android applicationsScheduling & Managing of routine tasks related to data backup & Anti-virus applications in android.
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">PO1,PO2,PO4, PO9,PO11, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI,HOD/CSE
Course Coordinators	Mr.V.PRAKASHAM, AP/CSE
Resource Persons	Mr. M.JAWAHAR,AP/CSE, Mr. R. VENKATESAN, AP/CSE
Duration & Dates	Five days & 24/08/2015 to 28/08/2015
Participants	III CSE KSRIET STUDENTS
No of participants	54


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Summary Report of Value Added Course
Department of Computer Science and Engineering
Academic Year: 2015 – 2016 (EVEN)

Name of the course	Five days Value added course on Oracle Database 11g SQL Fundamentals
Course Contents	➤ Enclosed
Course Outcomes	Up on completion of the course the students can <ul style="list-style-type: none">• Develop essential SQL skills that enable developers to write queries against single and multiple tables• Manipulate data in tables• Create database objects.• Use single row functions to customize output• Work with group functions to report aggregated data• Use conversion functions and conditional expressions
Program Outcomes & Program Specific Outcomes	<ul style="list-style-type: none">• PO1,PO2,PO4, PO9,PO11, PSO1, PSO2
Course Convener	Dr. B.KALAAVATHI,HOD/CSE
Course Coordinators	Mr.V.GOPINATH ,AP/CSE Mr.V.PRAKASHAM ,AP/CSE
Resource Persons	Mr.V.GOPINATH , Mr.V.PRAKASHAM
Duration & Dates	Five days & 08/02/2016 to 12/02/2016
Participants	II CSE KSRIET STUDENTS
No of participants	48


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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2015-16 (ODD)

Name of the course	Four days Value Added / Short Term course on NI Multisim circuits Simulation
Course Contents	Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Students will be able to gain knowledge of Electronic circuit operation/simulation through a hands-on experience.➤ Students will be able to bridges the gap between theoretical and practical implementation and investigates into interdisciplinary collaborative academic research.➤ Students will be able to bring an awareness about the modern tool application to the current day investigation.➤ This course is designed to give an introduction to National Instruments' Circuits Teaching Solution. The NI Circuits Teaching Solution is a unique combination of tools including NI Multisim schematic capture and SPICE simulation software.➤ The workshop proved to be very informative, giving the students deep insights about basic elements of circuit design flow: capture, simulation, prototyping and test. Through the exercise, students were familiarized with the NI Multisim environment, they will place and wire schematic components, simulate a completed circuit, and prototype and test.
Program Outcomes & Program Specific Outcomes	PO1,PO2,PO3,PO4,PO5, PO9,PO12, PSO1
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr.S.VELMURUGAN,AP / EEE Mrs.R.SACITHRAA, AP/EEE Mr.A.THANGARAJU, AP/EEE
Resource Persons	Mr.T.Srihari AP/EEE Mr.T.Arvind AP/EEE
Duration & Dates	Four days (30 Hours) & 22/08/2015 to 25/08/2015
Participants & Strength	II EEE KSRIET STUDENTS & 77

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Summary Report of Value Added Course
Department of Electrical and Electronics Engineering
Academic Year: 2015-16 (EVEN)

Name of the course	Six days Value Added/Short term course on Basic PLC Programming
Course Contents	Enclosed
Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Explain the basic concepts of a Programmable Logic Controller• Describe typical components of a Programmable Logic Controller.• Understand the purpose, functions, and operations of a PLC• Identify the basic components of the PLC and how they function• View a directory of processor files using PLC software• Establish communications with a PLC• Run a PLC processor file using PLC programming software• View the status of the SLC-500 input and output data tables• Create a PLC project using PLC software• Configure the I/O for a PLC project using PLC software• Generate and print out a ladder logic report using PLC software
Program Outcomes & Program Specific Outcomes	PO1, PO2, PO3, PO5, PO7, PO9, PO11, PSO2
Course Convener	Dr. R. JEYABHARATH, HoD/EEE
Course Coordinators	Mr.T.SRIHARI AP/EEE Mr.C.SATHAKUMAR AP/EEE Mr.P.SHANMUGA ARAVIND AP/EEE
Resource Persons	Dr.V.R.Velmurugan, Senior Lecturer/EEE Mr.G.Rajagopal, JDO/Electrical P.A.C.Ramasamy polytechnic college.
Duration & Dates	Six days (45 Hours) & 07.03.2016 To 12.03.2016
Participants & Strength	III EEE KSRIET STUDENTS & 47


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2015-2016(ODD)

S.No	Particulars	Details
1.	Name of the course	Guidance about Opportunities in IT Industry
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> • Gain knowledge in Verbal Reasoning and Non Verbal Reasoning • Understand Quantitative Aptitude & Resume Preparation • Improve Soft Skills Development • Learn about Technical and HR Interview
4.	Relevant POs & PSOs	PO1, PO6, PO7, PO9, PO10, PO11.
5.	Course Coordinator	1. Mr.R.Nandakumar, HoD/ECE 2. Mr.P.Govindaraju, AP/ECE 3. Mrs.W.Devapriya, AP/ECE 4. Mr.P.Premkumar, AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	04.08.2015 to 08.08.2015
8.	Participant Detail& strength	93
9.	Feedback from Students	Excellent-44 Very Good-25 Good-16 Satisfactory-9

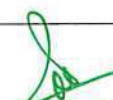

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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year:2015-2016(EVEN)

S.No	Particulars	Details
1.	Name of the course	Industrial Exposure in Embedded Environment
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none">• Explain the Architecture and future scope of Microprocessor and 8085 Processor• Develop Real Time project in LPC2148 using Embedded C
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO11, PO12, PSO 1, PSO 2.
5.	Course Coordinator	1. Ms.K.Geetha,AP/ECE 2. Mr.N.Ramkumar,AP/ECE 3. Mr.T.Marthandan,AP/ECE 4. Mr.T.Senthil,AP/ECE
6.	Course Duration (Hrs)	32
7.	Date	14.12.2015 to 15.12.2015, 06.01.2016 to 08.01.2016
8.	Participant Detail& strength	22
9.	Feedback from Students	Excellent-17 Very Good-3 Good-1 Satisfactory-1


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2015-2016(EVEN)

S.No	Particulars	Details
1.	Name of the course	JAVA and Networking
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> • Understand the need for JAVA programming • Analyze the usage of JAVA in the area of networking and security • Understand the network fundamentals • Got more ideas in LAN Switching Technologies. • Gaining knowledge in Routing Technologies • Understand concept of WAN Technologies • Gaining knowledge in infrastructure services
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6. PO9, PO10, PO12, PSO1, PSO2.
5.	Course Coordinator	1. Mr.N.K.Shankar, AP/ECE 2. Mr.J.Dhivya, AP/ECE 3. Mr.K.Venkatachalam, AP/ECE 4. Ms.B.Latha, AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	16.12.2015 to 21.12.2015
8.	Participant Detail& strength	IV ECE / 61
9.	Feedback from Students	Excellent-40 Very Good-16 Good-5 Satisfactory-0


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Summary Report for the value added course
Department of Electronics and Communication Engineering
Academic year: 2015-2016(EVEN)

S.No	Particulars	Details
1.	Name of the course	Front End Design of digital circuit using verilog HDL
2.	Course contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to : <ul style="list-style-type: none"> • Understand the digital VLSI systems. • Review of digital systems design. • Design of combinational and sequential circuits using verilog • Writing a test bench for the design. • Do simulation of Designs – Modelsim tool
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO12, PSO 1, PSO 2.
5.	Course Coordinator	1. Mr.G.Gowthamraj, AP/ECE 2. Mr. R.Tamilmani, AP/ECE 3. Mr.K.R.Gokulanand, AP/ECE 4. Mrs.S.Gomathi, AP/ECE
6.	Course Duration (Hrs)	30
7.	Date	16.12.2015 – 21.12.2015
8.	Participant Detail & strength	III ECE / 20
9.	Feedback from Students	Excellent-11 Very Good-7 Good-1 Satisfactory-1


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2015-16 (ODD)

Name of the course	Five days Value Added / Short Term course on CATIA
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ To Know and be able to apply graphical representation techniques using traditional metric geometry and descriptive geometry methods➤ To know, identify, interpret and apply the current standards on Industrial Technical Drawing.➤ Computer aided design applications that allow students to elaborate and use graphical and technical information.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.M.Kalidhas (United CAD) Mr.E.S.Palanivel Mr.M.Sakthivel Mr.G.Anitha
Duration & Dates	Five days (42 Hours) & 03/07/2015to 07/07/2015
Participants Strength	& II YEAR MECH KSRIET STUDENTS & 86



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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2015-16 (ODD)

Name of the course	Value Added / Short Term course on Solid Works
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">➤ Demonstrate competency with multiple drawing and modification commands in SOLIDWORKS.➤ Create three-dimensional solid models.➤ Create three-dimensional assemblies incorporating multiple solid models.➤ Apply industry standards in the preparation of technical mechanical drawings.➤ Create Simulation of the assemblies incorporating multiple solid models
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.s.Ponnusamy AP/MECH Dr.R.Rameshkumar AP/MECH
Resource Persons	Mr.L.Selvakumar (United cad) Mr.M.Kalidhas (United cad) Mr.G.Gowrisankar AP/MECH Mr.M.Sathish kumar AP/MECH
Duration & Dates	40 Hours & 14.07.2015 to 21.08.2015
Participants Strength &	III YEAR MECH KSRIET STUDENTS & 100


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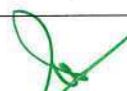
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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2015-16 (ODD)

Name of the course	Five days Value Added / Short Term course on ANSYS
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none"> ➤ Use the ANSYS package to solve basic engineering analysis problems using FEA techniques. ➤ Finite element modeling package for numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems. ➤ To obtain an understanding of the fundamental theory of the FEA method ➤ To develop the ability to generate the governing FE equations for systems governed by partial differential equations ➤ To understand the use of the basic finite elements for structural applications using truss, beam, frame, and plane elements ➤ To understand the application and use of the FE method for heat transfer problems
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan, HoD/MECH
Course Coordinators	Mr.s.Ponnusamy AP/MECH
Resource Persons	Mr.M.Sambath Kumar, Mr.K.Vetriselvan Mr.S.Rajkumar, Mr.M.Ashok Kumar
Duration & Dates	Five days (40 Hours) & 04/08/2015 to 08/08/2015
Participants Strength &	IV YEAR MECH KSRIET STUDENTS & 100


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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2015-16 (ODD)

Name of the course	Five days Value Added / Short Term course on CREO FOR INDUSTRIAL DESIGN
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none">• Students will learn how to sketch, model, validate design and visualize product design using the software• Students will be able to do direct drafting, direct modelling and parametric 3D modelling.• Students will know how to validate your product design according to the given requirement.• This is a Ready-for-Industry course which gives the students ample knowledge to ace the placement drive.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12,PSO2
Course Convener	Dr.P.MURUGESAN, HoD/MECH
Course Coordinators	Mr.S.Ponnusamy AP/MECH
Resource Persons	Mr.K.Jagadeesan Mr A.Premkumar Mr A.V.T.Shubhash Mr K.Gopalakrishnan Mr R.Nirmalraja Mr M.V.Shanmugam
Duration & Dates	Five days (43 Hours) & 24/08/2015 to 28/08/2015

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Summary Report of Value Added Course

Department of Mechanical Engineering

Academic Year: 2015-16 (Even)

Name of the course	Five days Value Added / Short Term course on AUTOCAD
Course Contents	➤ Enclosed
Course Outcomes	<ul style="list-style-type: none"> ➤ Evaluate mechanical designs and select the proper process and materials for production. ➤ Create 2D and 3D computer drawings and models for manufacturing and prototyping. ➤ Evaluate computer aided design models and assemblies based on critical thinking and problem solving skills. ➤ Collaborate with people of diverse backgrounds and abilities. ➤ Develop a solution through group work. ➤ Communicate and present ideas and solutions to design problems.
Program Outcomes & Program Specific Outcomes	PO1,PO3,PO4,PO5,PO6,PO9,P10,PO12, PSO2
Course Convener	Dr.P.Murugesan,HoD/MECH
Course Coordinators	Mr.s.Ponnusamy AP/MECH
Resource Persons	Mr.P.Gopinath AP/MECH Mr.S.Ponnusamy AP/MECH Mr.R.Surendran AP/MECH Mr.R.Vasanthakumar AP/MECH
Duration & Dates	Five days (38 Hours) & 16/12/2015to 20/12/2015
Participants Strength	& II YEAR MECH KSRIET STUDENTS & 100

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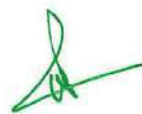
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R. Srinivasan B.B.M.,
 Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
 Principal

Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2015- 2016 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Multimedia Programming
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none"> • Demonstrate in-depth knowledge in an industry-standard multimedia development tool and its associated scripting language • Apply various elements of multimedia in applications • Design a graphic story book, template of website and video • Identify issues and obstacles encountered by web authors in deploying web-based applications
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO5, PSO1 and PSO2
5.	Course Coordinators	1. Ms. M.Dhurgadevi, AP/IT 2. Mr. S. Arunprasath, AP/IT 3. Mr. R.Sivaraj, AP/IT
6.	Course Duration (Hrs)	34 Hrs.
7.	Date	15-06-2015 to 19-06-2015
8.	Participants Details & Strength	IV - IT & 55 students
9.	Feedback from Students	Excellent – 42 Very Good – 9 Good – 3 Satisfactory – 1



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Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2015- 2016 (ODD)

S. No.	Particulars	Details
1.	Name of the Course	Python Programming
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Develop algorithmic solutions to simple computational problems• Structure simple Python programs for solving problems.• Decompose a Python program into functions.• Represent compound data using Python lists, tuples, dictionaries.
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO5, PO6, PO12, PSO1 and PSO2
5.	Course Coordinators	1. Ms. S.Russia, AP/IT 2. Dr. G. Malathy, ASP/IT 3. Mr. M. Selvakumar, AP/IT
6.	Course Duration (Hrs)	34 Hrs.
7.	Date	15-06-2015 to 19-06-2015
8.	Participants Details & Strength	III - IT & 43 students
9.	Feedback from Students	Excellent – 33 Very Good – 8 Good – 2 Satisfactory – 0



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Principal

Summary Report of Value Added Course
Department of Information Technology
Academic Year: 2015- 2016 (EVEN)

S. No.	Particulars	Details
1.	Name of the Course	Data Analytics with R
2.	Course Contents	Enclosed
3.	Course Outcomes	At the end of the course, the students will be able to: <ul style="list-style-type: none">• Apply various supervised machine learning techniques• Use various packages in R to create fancy plots• Apply R programming for Text processing• Perform Analysis of Variance (ANOVA)
4.	Relevant POs & PSOs	PO1, PO2, PO3, PO4, PSO1 and PSO2
5.	Course Coordinators	1. Ms. M.Soundariya, AP/IT 2. Ms. P.Shanmugapriya, AP/IT 3. Ms. S.Abinaya, AP/IT
6.	Course Duration (Hrs)	36 Hrs.
7.	Date	14-12-2015 to 18-12-2015
8.	Participants Details & Strength	II - IT & 16 students
9.	Feedback from Students	Excellent – 9 Very Good – 3 Good – 3 Satisfactory – 1


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SUMMARY REPORT OF VALUE ADDED COURSE

Department of Mathematics

Academic Year: 2015 – 2016

Name of the Course	Six days Value Added course on Quantitative Aptitude
Course Outcomes	<ul style="list-style-type: none">✓ Understand the basic concepts of Quantitative Ability✓ Understand the basic concepts of Logical Reasoning Skills✓ Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning✓ Compete in various competitive exams like CAT, GATE, BANK etc.
Program Outcomes	PO1, PO2, PO9, PO12
Course Convener	Mr. M. Asick Ali, HoD/Maths
Course Coordinator	Mr. M.S. Vijayaraj, AP/Maths
Resource Persons	S. Selvarasu, AP/Maths, P. Devisri, AP/Maths, M.S. Vijayaraj, AP/Maths, N. Kumaravel, AP/Maths, P. Sivakumar, AP/Maths, N. Selvaraj, AP/Maths, A. Jayakumar, AP/Maths, K. Suresh, AP/Maths, M. Thiagarajan, AP/Maths
Duration & Dates	Six Days & 04.01.2016 to 09.01.2016
Participants & Strength	All First Year Students & 417


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