THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI -15
(A Govt.aided Autonomous Institution Affiliated at Anna University)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ref: CSE\Feedback\Student\2018-19

23.08.2019

Student Feedback for the academic year 2018-2019

The following courses have the course outcome attainment percentage less than 75 in relevance with the course curriculum.

COURSE CODE	COURSE NAME	COURSE OUTCOME
14CS530	Theory of Computation	CO2, CO4
14CS610	Project Management	CO2, CO3, CO5
14CS430	Design and Analysis of Algorithms	CO2, CO6, CO7

Action taken

Course Instructors of above courses are informed about the comments and instructed to take appropriate actions.

HDCSE

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015
(A Govt. Aided ISO 9001:2008 certified Autonomous Institution affiliated to Anna University)

Department of Electrical and Electronics Engineering

Student's feedback report regarding curriculum - 2018-2019 Odd Semester

Sub Code	Subject Name	Specific Student Feedback
18EE310	Numerical Methods and Complex Variables	Content delivery: Need of Interactive learning methods
18EE320	DC Machines & Transformers	Course content, delivery and assessment methods are good
18EE330	Linear Integrated Circuits	Course content, delivery and assessment methods are good
18EE340	Digital Systems	Course content, delivery and assessment methods are good
18EE350	Signals and Systems	Content Delivery: Need of more active learning methods
18EE360	C & C++ Programming (TCP)	Content Delivery: Need of more active learning methods Need of more tutorial class
18ES390	Design Thinking	Course content, delivery and assessment methods are good
18EE370	DC Machines & Transformers Lab	Course content, delivery and assessment methods are received well
18EE380	Integrated Circuits Lab	Course content, delivery and assessment methods are received well
14EE510	Numerical Methods	Content delivery: Need of Interactive learning methods Assessment : more tutorial problems needed
15EE520	Power Electronics	Content Delivery: Need of more active learning methods
14EE540	Energy Resources and Utilization	Course content, delivery and assessment methods are received well
14EE550	Digital Signal Processing	Course content, delivery and assessment methods are received well
14EERF0	Industrial Instrumentation	Course content, delivery and assessment methods are received well
14EEPR0	Automotive Fundamentals and Manufacturing	Course content, delivery and assessment methods are received well
14EEPS0	Soft Computing	Content delivery: Need of Interactive learning methods Assessment : Need more case studies
14EE580	Digital Signal Processing Lab	Course content, delivery and assessment methods are received well
14EE590	Control & Instrumentation Lab	Course content, delivery and assessment methods are received well
14EE710	Project Management	Course content, delivery and assessment methods

14EEPD0	Smart Grid	Course content, delivery and assessment methods are received well
14EEPW0	HVDC Transmission	Course content, delivery and assessment methods are received well
14EEP30	Reliability Engineering	Course content, delivery and assessment methods are received well
14EEPC0	Design of Electrical Installations	Course content, delivery and assessment methods are received well
14EEPZ0	Special Machine Drives	Course content, delivery and assessment methods are received well
14EEPL0	Bio-Medical Instrumentation	Content delivery: Need of interactive learning methods
14EEP20	Quality Engineering	Course content, delivery and assessment methods are received well
14EE780	Automation Lab	Lab is very difficult to do an experiment
18PE110	Optimization and Applied Mathematics	Course content, delivery and assessment methods are received well
18PE120	Power System Dynamics and Stability	Course content, delivery and assessment methods are received well
18PE130	Design of Renewable Energy System	Course content, delivery and assessment methods are received well
18PE1A0	Systems Theory	Assessment : Need more tutorial problems
18PE160	Analysis of Modern Power Systems (TCP)	Course content, delivery and assessment methods are received well
18PE170	Power Engineering Laboratory	Course content, delivery and assessment methods are received well
18PE1L0	Power Plant Instrumentation and Control	Course content, delivery and assessment methods are received well
18PE1T0	Electrical Transients in Power System	Course content, delivery and assessment methods are received well
18EC130	Engineering Exploration	Need clarity in course outcomes

Action Taken: Automation lab is taken out from New curriculum.

Faculty Coordinator

HOD

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015
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Department of Electrical and Electronics Engineering

Student's feedback report regarding curriculum - 2018-2019 Even Semester

Sub Code	Subject Name	Specific Student Feedback
18MA210	Matrices and Ordinary Differential Equations	Content delivery: Need of Interactive learning methods Assessment : Needed more tutorial problems
18EE220	Materials Science for Electrical Engineering	Course content, delivery and assessment methods are received well
18EE230	Electric Circuit Analysis	Course content, delivery and assessment methods are received well
18EE240	Electromagnetic Fields	
18EE250	Electronic Devices and Circuits	Course content, delivery and assessment methods are received well
18EE290	Lateral Thinking	assessment methods may be modified
18AC2A0	Environmental Sciences	Course content, delivery and assessment methods are received well
18EE270	Electronic Devices and Circuits Lab	Well appreciated
14EE410	Engineering Mathematics-IV	Content delivery: Need of Interactive learning methods Assessment : Needed more tutorial problems
14EE420	Instrumentation Systems	Course content, delivery and assessment methods are received well
14EE430	Control Systems	Content delivery: Need of active learning methods Assessment : Needed more tutorial problems
16EE440	AC Machines	Assessment : Needed more tutorial problems
14EE450	Engineering Design	Course content, delivery and assessment methods are received well
14EE460	Microcontrollers	Course content, delivery and assessment methods are received well
14EE480	AC Machines Lab	Well appreciated
14EE490	Microcontrollers Lab	Well appreciated
14EE610	Accounting and Finance	Course content, delivery and assessment methods are received well
15EE620	Power System Analysis	Course content, delivery and assessment methods are received well
14EE630	Transmission and Distribution	Course content, delivery and assessment methods are received well
14EERF0	Industrial Instrumentation	Course content, delivery and assessment methods are received well

14EEPN0	Embedded System Design (TCP)	Course content, delivery and assessment methods are received well
14EEPH0	VLSI Design	Course content, delivery and assessment methods are received well
14EEPG0	Switchgear and Protection	Course content, delivery and assessment methods are received well
14EE670	Professional Communication	Course content, delivery and assessment methods are received well
14EE680	Power Systems Lab	Course content, delivery and assessment methods are received well
14EE690	Power Electronics and Drives Lab	Course content, delivery and assessment methods are received well
18PS210	Power System Security and control	Course content, delivery and assessment methods are received well
18PSPB0	Smart Grid	Course content, delivery and assessment methods are received well
18PSPQ0	Soft Computing Techniques	Course content, delivery and assessment methods are received well
18PSPS0	Electric and Hybrid Vehicles	Course content, delivery and assessment methods are received well
18PG250	Research Methodology and IPR	Course content, delivery and assessment methods are received well
18PS260	Power System Protection (TCP)	Course content, delivery and assessment methods are received well
18PS270	Energy Management System Laboratory	Course content, delivery and assessment methods are received well
18PS280	Mini Project	Well appreciated
18CI210	Industrial Automation	Course content, delivery and assessment methods are received well
18CIPC0	Adaptive Control	Course content, delivery and assessment methods are received well
18CIPM0	Bio-Medical Instrumentation	Course content, delivery and assessment methods are received well
18CIPT0	Machine Learning (TCP)	Course content, delivery and assessment methods are received well
18PG250	Research Methodology and IPR	Course content, delivery and assessment methods are received well
18CI280	Mini Project	Well appreciated

Faculty Coordinator

HDEE

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625 015.
Department of Information Technology
Student Feedback on Curriculum Design -Report

PARAMETERS	SUGGESTIONS
CONTENT TO BE ADDED IN THE CURRICULUM	• DEVOPS,PYTHON(INTERPRETER LANGUAGE).
	• NATURAL LANGUAGE PROCESSING, DEEP LEARNING, LINEAR ALGEBRA WITH APPLICATIONS TO MACHINE LEARNING, DESIGN AND ANALYSIS OF ALGORITHMS, COMPUTER VISION
	• JAVA ENTERPRISE EDITION(J2EE), DEEP LEARNING, AUGMENTED REALITY
	• MACHINE LEARNING, VERSION CONTROL, OOP DESIGN PATTERNS
	• ADVANCED DATA STRUCTURES - HEAP , HASH MAP , ALGORITHMS
	• ANGULAR JS, OOP DESIGN, DESIGN PATTERN, SERVLET PROGRAMMING, NON RELATIONAL DATABASE LIKE MONGODB,
	• ADVANCE NETWORKING,CCNA,PYTHON ETC
	• MACHINE LEARNING, MEAN/MERN STACK OR ANY WEB FRAMEWORK LIKE DJANGO,RAILS
COURSES THAT HELPED YOUR PLACEMENT / SYMPOSIUMS / OTHERS.	• IOT,BIG DATA
	• PROBLEM SOLVING USING COMPUTERS, DATA STRUCTURES AND ALGORITHMS, DATA MINING, PROBABILITY AND STATISTICS, SOCIAL NETWORK ANALYSIS.
	• JAVA,DATA STRUCTURES
	• DATA STRUCTURES, PROGRAMMING SUBJECTS, COMPUTER NETWORKS, CLOUD COMPUTING
	• RDBMS, DATA STRUCTURES,JAVA,OPERATING SYSTEMS, NETWORKS
	• FOR PLACEMENTS : JAVA, NETWORKING, OS, DATABASE MANAGEMENT SYSTEMS
	• DATA STRUCTURE, OOPS, NETWORK SECURITY
	• DATA STRUCTURES AND ALGORITHMS,JAVA,WEB TECHNOLOGY,ANDROID,OPERATING SYSTEMS,DBMS
	• PROGRAMMING LANGUAGES , DBMS , NETWORKS , CLOUD
COURSES THAT HELPED YOU TO FOLLOW RESEARCH PRACTICES	• DATA MINING
	• C# AND JAVA
	• WEB TECHNOLOGIES.
	• SOFTWARE ENGINEERING-DESIGN C#,C++,PROGRAMMING LANGUAGE-DEVELOPMENT

	• C, JAVA, SYSTEM ADMINISTRATION, CLOUD COMPUTING, DISTRIBUTED SYSTEMS
	• DATA MINING
	• IOT , WEB DEVELOPMENT , DATA STRUCTURES
COURSES THAT HAVE MORE THEORETICAL CONCEPTS NOT THE PRACTICAL APPROACH	• ALGORITHMS
	• INFORMATION SYSTEM
	• NETWORK SECURITY, CLOUD COMPUTING, DISTRIBUTED SYSTEMS
	• DATAMINING
	• CLOUD COMPUTING,INFORMATION SYSTEM
	• COMPUTER ORGANIZATION, DISTRIBUTED SYSTEMS
	• DATA MINING, COMPUTER NETWORKS
	• OPERATING SYSTEM
	• Information System Management
SUPPORTING COURSES (HARDWARE, SCIENCE AND HUMANITIES, MATHEMATICS, ETC) THAT ARE ESSENTIAL TO THE IT CURRICULUM	• PRINCIPLES OF COMPILER DESIGN(BEING STRONG IN THE COMPILER DESIGN, INTERPRETER ETC., ARE VERY HELPFUL IN FORECASTING HOW CODE BUILDS AND HELPS TO IDENTIFY THE ERRORS EASILY..) DATA STRUCTURES AND ALGORITHMS(IT NEEDS OPTIMIZATION IN EVERY ASPECTS,LEARNING ALGORITHMS WITH TIME AND SPEED COMPLEXITY IS VERY HELPFUL IN EVERY STREAM)
	• LINEAR ALGEBRA WITH APPLICATIONS TO MACHINE LEARNING, PROBABILITY AND STATISTICS (NEED TO BE RESTRUCTURED WITH APPLICATION PERSPECTIVE), QUANTUM COMPUTING FUNDAMENTALS(PHYSICS)
	• ALGORITHMS COURSE PLAYS A MAJOR ROLE IN DREAM COMPANIES AS THE QUESTIONS WERE ASKED TO BE SOLVED USING THE CONCEPTS LIKE DYNAMIC PROGRAMMING,BACKTRACKING ETC.., SO WE SHOULD KNOW THE CONCEPTS CLEARLY. WEB TECHNOLOGY COURSE CAN BE ADDED WITH JAVA SCRIPT, ANGULAR JS AND OTHER CONCEPTS RELATED TO IT. IN JAVA COURSE, WE CAN ADD J2EE CONCEPTS AND A BASE FOR ANY ONE FRAMEWORK IN JAVA LIKE SPRING, HIBERNATE.
	• INTRO TO INDUSTRY FRAMEWORKS LIKE - ANGULAR,REACT NATIVE,HIBERNATE,SPRING, HANDLEBARJS(TEMPLATING) SOME OPEN SOURCE TOOLS LIKE TENSORFLOW
	• EMBEDDED C - SINCE SOME SOFTWARE NEED THEIR OWN HARDWARE

	COURSES ON LAWS REGARDING BUSINESS,PATENTS AND INTELLECTUAL PROPERTY
CORE COURSES THAT CAN BE REMOVED FROM THE CURRICULUM	Information Systems Mobile Application Development (Programming can be self learnt.) Cloud Computing (Course plan is not in par with industrial requirements. Content is too vague.)
	Wireless and Mobile Communication - useful if learnt but unrelated to IT domain
	"Capstone course and Engineering by Design"
	1.Problem solving using computers - Mostly teaches C language which can be a intro part of OOPS using C++ 2.Web Technologies and DBMS - can be combined into a same course so as to achieve better at queries and dynamic web pages 3.Web technology and DBMS Lab - Since they can be combined into a theory cum practical course, no need of seperate labs
	1. Accounts and Finance - 2. Wireless Communication
	Wireless communication could be combined. Information storage management could be shortened and combined with access and retreival
	Engineering By Design - Because it is similar to software Engineering Computer Organisation - Couldn't understand a bit of it Information System - The concepts in this subject were never used anywhere
	Engineering by design - no use Information system-
	Information storage management

Action Taken:

Recommended to the Course designers to consider the suggestions during curriculum Revamp/Course Revision

HOD/IT

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015.

(A Govt.Aided, Autonomous Institution Affiliated to Anna University)

Department of Mechanical Engineering

Student Feedback the academic year 2018-19, 2019-2020

The following courses have the course outcome attainment percentage less than 70 in relevance with the course curriculum

COURSE CODE	CORSE NAME	COURSE COUTCOME
14ME540	Heat and Mass Transfer	CO1, CO2, CO5
14ME710	Project Management	CO1
14ME720	Industrial Engineering	CO1, CO2, CO3, CO5
14ME620	Kinematics and Dynamics of Machinery	CO2
14MEPB0	Energy Conversion Systems	CO2, CO3
14MEPJ0	Material Handling Systems Engineering	CO2, CO4, CO6
14MEPK0	Automotive Engine System	CO1, CO2

Action Taken

Course Instructors and Course designer of above courses are informed about the comments and instructed to take appropriate actions.

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