Thiagarajar College of Engineering, Madurai-15

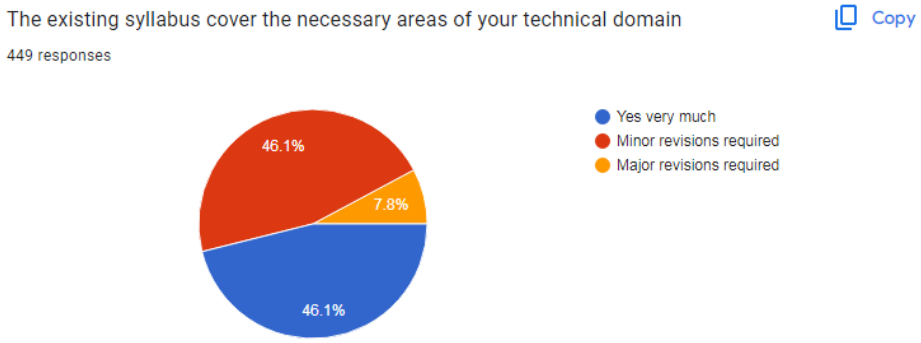
Department of Electrical and Electrical Engineering

Student Feedbacks action taken report 2022-23

A list of questionnaire has been shared with the students and their responses are consolidated [19 Responses]

Google Form: https://docs.google.com/forms/d/1--tq1v3KZa2Hjn6UYfBTW_YeV4ppM-woSRqMV-j8vro/edit?ts=65781d61

Students Response	Action Taken
Students have given the following points as major strengths	
Covers most of the concepts, Regular revision, Laboratory courses, core subjects helped us to crack some of the core companies, Strong knowledge from the basics of the subject., Has all the major courses required for placements, Covers most of the concepts, Planned to prepare concepts based on CO's	The proposed points have been considered and retained in the curriculum revision
The following concerns proposed by the students	
Some subjects have heavy syllabus	The contents of the many courses have been revisited according the course credits
Important courses required for placements at early semesters. Those can be kept at 6th sem	The scheduling of the course in the revised Curriculum of R 2022 have been done based on the stake holders inputs that address the student concern
Students requested to offer projects in all semesters	New four project components have been introduced in the revised Curriculum of R 2022 from fifth semester to eighth semester
Students request to offer more industry courses	Many industry support courses have been framed and will be offered to the students from fifth semester



Rate the contribution of your curriculum in terms of the following

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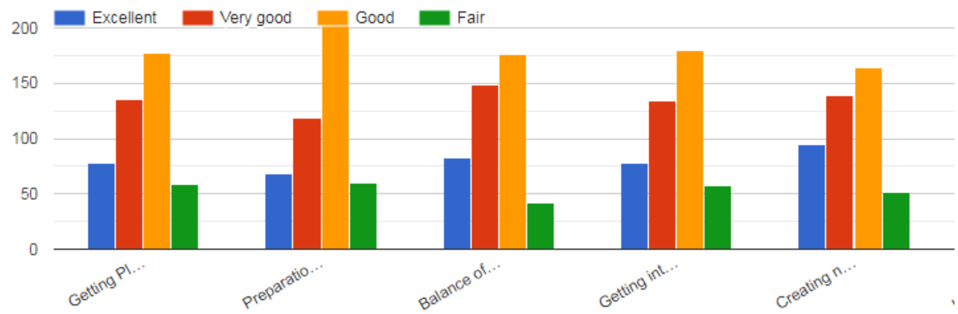

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THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015
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Department of Electrical and Electronics Engineering

Students feedback report regarding curriculum - 2021-2022 odd Semester

Sub Code	Subject Name	Specific Student Feedback
18EE310	Numerical methods and Complex variables	Need More tutorial problems
18EE340	Digital Systems	Course content, delivery and assessment methods are received well
18EE360	C and C++ Programming (TCP)	Course content, delivery and assessment methods are received well
18EE350	Signals and Systems	Course content is vast and it to be modifiy, delivery and assessment methods are received well
18EE330	Linear Integrated Circuits	Course content, delivery and assessment methods are received well
18EE320	DC Machines and Transformers	Course content, delivery and assessment methods are received well
18ES390	Design Thinking	Well appreciated
18EE510	Generation, Transmission and Distribution	Course content, delivery and assessment methods are received well
18EE520	Microcontrollers	Course content, delivery and assessment methods are received well
18EE530	Power Electronics	Course content, delivery and assessment methods are received well
18EEPG0	Switchgear and Protection	Course content, delivery and assessment methods are received well
18ES590	System Thinking	Course content, delivery and assessment methods are received well
18EEPK0	Digital Signal Processing (TCP)	Course outcomes may be reviewed
18CHAC0	Essence of Indian Traditional Knowledge	Course content, delivery and assessment methods are received well
18EEPS0	Soft Computing(TCP)	Course content, delivery and assessment methods are received well
18EEPR0	Automotive Fundamentals and Manufacturing	Course content, delivery and assessment methods are received well
14EE720	Drives and Control	Course content, delivery and assessment methods are received well
14EEPC0	Design of Electrical Installations	Course content, delivery and assessment methods are received well
14EEP20	Quality Engineering	Course content, delivery and assessment methods are received well

14EE710	Project Management	Course content, delivery and assessment methods are received well
18EE770	Electric Power Systems Laboratory (PC)	Course content, delivery and assessment methods are received well
18ES790	Capstone Design Project (Project)	Course content, delivery and assessment methods are received well
18EEPU0	Drives and Control (PE)	Course content, delivery and assessment methods are received well
18EERD0	Operation and Maintenance of Electricalequipment (PE)	Course content, delivery and assessment methods are received well
18EEPY0	Power Quality (PE)	Course content, delivery and assessment methods are received well
18EERM0	High Voltage Engineering (PEX)	Course content, delivery and assessment methods are received well
18EEPC0	Design of Electrical Installations (PEX)	Course content, delivery and assessment methods are received well
18EERJ0	Quality Engineering (PEX)	Course content, delivery and assessment methods are received well
18EERF0	Industrial instrumentation (PE)	Course content, delivery and assessment methods are received well
18EERL0	Manufacturing of Automotive Electrical and Electronics Parts (PE)	Course content, delivery and assessment methods are received well
18EERK0	Reliability Engineering (PEX)	Course content, delivery and assessment methods are received well
18EERH0	Testing & Certification of Automotive Electrical and Electronic Systems (PEX)	Course content, delivery and assessment methods are received well
18PSPB0	Smart Grid	Course content, delivery and assessment methods are received well

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Department of Electrical and Electronics Engineering

Students feedback report regarding curriculum - 2021-2022 even Semester

Sub Code & Name	Specific Student Feedback
18MA210 Matrices and Ordinary Differential Equations	Need more tutorial problems and active learning strategy can be followed
18EE220 Material 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	Course content, delivery and assessment methods are received well
18EE250 Electronic Devices and Circuits	Course content, delivery and assessment methods are received well
18EE270 Electronic Devices and Circuits Lab	Course content, delivery and assessment methods are received well
18EE280 Electrical Workshop	Course content, delivery and assessment methods are received well
18ES290 Lateral Thinking	Course content, delivery and assessment methods are received well
18CHAA0 Environmental Science	Course content, delivery and assessment methods are received well
18EE410 Probability and Random Processes	Course content, delivery and assessment methods are received well
18EE420 AC Machines	Course content, delivery and assessment methods are received well
18EE430 Measurements and Instrumentation	Course content, delivery and assessment methods are received well
18EE440 Control Systems	Course content, delivery and assessment methods are received well
18EE470 Measurement and Instrumentation Lab	Course content, delivery and assessment methods are received well
18EE480 AC Machines Lab	Course content, delivery and assessment methods are received well
18EE490 Project Management	Course content, delivery and assessment methods are received well
18EG470 Professional Communication	Course content, delivery and assessment methods are received well
18CHAB0 Constitution of India	Course content, delivery and assessment methods are received well
18EE610 Power System Analysis	Course content, delivery and assessment methods are received well
18EE620 Data Structures	Course content, delivery and assessment methods are received well

18EE540 Accounting and Finance#	Course content, delivery and assessment methods are received well
18EEEA0 Internet of Things	Course content, delivery and assessment methods are received well
18EE670 Energy Management System laboratory	Course content, delivery and assessment methods are received well
18EE680 Power Electronics and Drives Laboratory	Course content, delivery and assessment methods are received well
18ES690 Engineering Design Project	Course content, delivery and assessment methods are received well
18EEPT0 Wind and Solar Technology	Course content, delivery and assessment methods are received well
18EERC0 Principles of Energy Conservation	Course content, delivery and assessment methods are received well
18EEPQ0 Automotive Electronics(TVS & other students)	Course content, delivery and assessment methods are received well
18EEPH0 VLSI Design	Course outcome can be reviewed
18EERM0 High Voltage Engineering	Course content, delivery and assessment methods are received well
18EEPB0 Operation Research	Course content, delivery and assessment methods are received well

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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.

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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

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Students feedback report regarding curriculum - 2019-2020 odd Semester

Sub Code	Subject Name	Specific Student Feedback
18EE310	Numerical Methods and Complex Variables	Course content, delivery and assessment methods are received well
18EE320	DC Machines & Transformers	Course content, delivery and assessment methods are received well
18EE330	Linear Integrated Circuits	Course content, delivery and assessment methods are received well
18EE340	Digital Systems	Course content, delivery and assessment methods are received well
18EE350	Signals and Systems	Course content, delivery and assessment methods are received well
18EE360	C & C++ Programming (TCP)	Course content, delivery are received well assessment method may change
18ES390	Design Thinking	Course content, delivery and assessment methods are received well
18EE370	DC Machines & Transformers Lab	Well appreciated the way of lab conducted
18EE380	Integrated Circuits Lab	Well appreciated the way of lab conducted
14EE510	Numerical Methods	Course content, delivery and assessment methods are received well
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	Case study problems can be discussed in content delivery
14EE580	Digital Signal Processing Lab	Well conducted
14EE590	Control & Instrumentation Lab	Well conducted
14EE710	Project Management	Course content, delivery and assessment methods are received well
14EE720	Drives and Control	Course content, delivery and assessment

		methods are received well
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 active learning strategy
14EEP20	Quality Engineering	Course content, delivery and assessment methods are received well
14EE780	Automation Lab	Well appreciated
18PS110	Optimization and Applied Mathematics	Course content, delivery and assessment methods are received well
18PS120	Power System Dynamics and Stability	Course content, delivery and assessment methods are received well
18PS130	Design of Renewable Energy System	Course content, delivery and assessment methods are received well
18PSPA0	Systems Theory	Course content, delivery and assessment methods are received well
18PS160	Analysis of Modern Power Systems (TCP)	Course content, delivery and assessment methods are received well
18PS170	Power Engineering Laboratory	Course content, delivery and assessment methods are received well
18PSPL0	Power Plant Instrumentation and Control	Course content, delivery and assessment methods are received well
18PSPE0	Electrical Transients in Power System	Course content, delivery and assessment methods are received well
18ES150	Engineering Exploration	Assessment method can be modifiy

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Department of Electrical and Electronics Engineering

Students feedback report regarding curriculum - 2019-2020 Even Semester

Sub Code	Subject Name	Specific Student Feedback
18MA210	Matrices and Ordinary Differential Equations	Need of 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	Assessment methods can be modified
18EE250	Electronic Devices and Circuits	Need of real time examples in content delivery
18ES290	Lateral Thinking	Well conducted
18CHAA0	Environmental Sciences	Course content, delivery and assessment methods are received well
18EE270	Electronic Devices and Circuits Lab	Well conducted
18EE280	Electrical Workshop	Well conducted
18EE410	Probability and Random processes	Course content, delivery and assessment methods are received well
18EE420	AC Machines	Course content, delivery and assessment methods are received well
18EE430	Measurements &Instrumentation	Course content, delivery and assessment methods are received well
18EE440	Control Systems	Course content, delivery and assessment methods are received well
18EE460	Professional Communication	Course content, delivery and assessment methods are received well
18EE470	Measurements &Instrumentation Lab	Well conducted
18EE480	AC Machines Lab	Well conducted
18EE490	Project Management	Course content, delivery and assessment methods are received well
18CHAB0	Constitution of India	Course content, delivery and assessment methods are received well
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

14EEPQ0	Automotive Electronics	Course content, delivery and assessment methods are received well
14EEPD0	Smart Grid	Course content, delivery and assessment methods are received well
14EEP40	Industrial Electrical & Electronics	Content Delivery: industrial visit can be arranged
14EEPH0	VLSI Design	Course content, delivery and assessment methods are received well
14EE420	Instrumentation System	Course content, delivery and assessment methods are received well
14EEPU0	Data Structures	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	Well conducted
14EE690	Power Electronics and Drives Lab	Well conducted
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
18PSPJ0	Energy Conservation and Management	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	Well appreciated

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18EE360	C and C++ Programming (TCP)	Course content, delivery and assessment methods are received well
18EE350	Signals and Systems	Course content, delivery and assessment methods are received well
18EE330	Linear Integrated Circuits	Course content, delivery and assessment methods are received well
18EE320	DC Machines and Transformers	Course content, delivery and assessment methods are received well
18ES390	Design Thinking	Well appreciated
18EE510	Generation, Transmission and Distribution	Course content, delivery and assessment methods are received well
18EE520	Microcontrollers	Course content, delivery and assessment methods are received well
18EE530	Power Electronics	Course content, delivery and assessment methods are received well
18EEPG0	Switchgear and Protection	Course content, delivery and assessment methods are received well
18ES590	System Thinking	Course content, delivery and assessment methods are received well
18EEPK0	Digital Signal Processing (TCP)	Course outcomes may be reviewed
18CHAC0	Essence of Indian Traditional Knowledge	Course content, delivery and assessment methods are received well
18EEPS0	Soft Computing(TCP)	Course content, delivery and assessment methods are received well
18EEPR0	Automotive Fundamentals and Manufacturing	Course content, delivery and assessment methods

		are received well
14EE720	Drives and Control	Course content, delivery and assessment methods are received well
14EEPC0	Design of Electrical Installations	Course content, delivery and assessment methods are received well
14EEP20	Quality Engineering	Course content, delivery and assessment methods are received well
14EE710	Project Management	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
18PSPQ0	Soft Computing Techniques	Course content, delivery and assessment methods are received well
15AR520	Building Services II	Course outcomes may be reviewed

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Department of Electrical and Electronics Engineering

Students feedback report regarding curriculum - 2020-2021 even Semester

Sub Code & Name	Specific Student Feedback
18MA210 Matrices and Ordinary Differential Equations	Need more tutorial problems and active learning strategy can be followed
18EE220 Material 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	Course content, delivery and assessment methods are received well
18EE250 Electronic Devices and Circuits	Course content, delivery and assessment methods are received well
18EE270 Electronic Devices and Circuits Lab	Well conducted in online mode
18EE280 Electrical Workshop	Well conducted in online mode
18ES290 Lateral Thinking	Course content, delivery and assessment methods are received well
18CHAA0 Environmental Science	Course content, delivery and assessment methods are received well
18EE410 Probability and Random Processes	Course content, delivery and assessment methods are received well
18EE420 AC Machines	Course content, delivery and assessment methods are received well
18EE430 Measurements and Instrumentation	Course content, delivery and assessment methods are received well
18EE440 Control Systems	Course content, delivery and assessment methods are received well
18EE470 Measurement and Instrumentation Lab	Well conducted in online mode
18EE480 AC Machines Lab	Well conducted in online mode
18EE490 Project Management	Course content, delivery and assessment methods are received well
18EG470 Professional Communication	Course content, delivery and assessment methods are received well
18CHAB0 Constitution of India	Course content, delivery and assessment methods are received well
18EE610 Power System Analysis	Course content, delivery and assessment methods are received well

18EE620 Data Structures	Course content, delivery and assessment methods are received well
18EE540 Accounting and Finance#	Course content, delivery and assessment methods are received well
18EEEA0 Internet of Things	Course content, delivery and assessment methods are received well
18EE670 Energy Management System laboratory	Course content, delivery and assessment methods are received well
18EE680 Power Electronics and Drives Laboratory	Course content, delivery and assessment methods are received well
18ES690 Engineering Design Project	Course content, delivery and assessment methods are received well
18EEPT0 Wind and Solar Technology	Course content, delivery and assessment methods are received well
18EERC0 Principles of Energy Conservation	Course content, delivery and assessment methods are received well
18EEPN0 Embedded System Design (TCP)	Course content, delivery and assessment methods are received well
18EEPH0 VLSI Design	Course outcome can be reviewed
18EERG0 Industrial Electrical and Electronics	Course content, delivery and assessment methods are received well
18EEPD0 Smart Grid	Course content, delivery and assessment methods are received well
18EEPL0 Biomedical Instrumentation	Course content, delivery and assessment methods are received well
18PSGA0 Industrial Safety	Course content, delivery and assessment methods are received well
18EEPB0 Operation Research	Course content, delivery and assessment methods are received well

Faculty Coordinator

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THIAGARAJAR COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TEACHER/FACILITATOR FEEDBACK ANALYSIS
ACEDEMIC YEAR 2018-19

Contribution of most of the course contents to design thinking and critical analysis is found very well. Inadequate time for effective coverage of syllabus is not reported for any course. Content of all the courses corresponding to COs are found appropriate.

Innovative teaching and assessment methods are used in all the courses. Most of the teachers are using ICT tools in addition to PPT. Canvas Instructure - A learning management system (LMS) is used by most of the faculty. Active learning strategies like TPS, Collaborative learning, jig saw method and Peer coaching are also reported. Software simulations (MATLAB, C&C++ etc), Videos from websites and screen casting videos are also used for teaching and learning.

Innovative assessments include mini projects, concept tests, online coding, simulations, logic games, report submission. Regarding Course contents, suggestions are provided in few courses to add the following:

Course	Contents that can be added
Instrumentation Systems	Few sensor used in industries can be included
Power Electronics and Drives Laboratory	Closed loop control of drives
Capstone Course-I	hardware and soft skill content shall be added
Engineering Design	Hardware and soft skill
Microcontrollers	Microcontroller in Arduino kit can be included since most of the projects are implemented using Arduino
HVDC Transmission	Case study can be included- This helps to acquire more practical knowledge for the students
Industrial Electrical and Electronics	Details about Industrial safety equipment can be added
SCADA	Case study can be included
Digital Systems	PLDs may be added - To understand theory and practical application. Some MSI digital ICs and programmable logic devices can be introduced
Project Management	Case studies may be included for better understanding.

Action taken report based on previous analysis:

A one credit course 14EE1Y0 - Embedded Solutions: A System Design Perspective is introduced for UG students.

New laboratory courses are proposed for ME Power System Engineering and M.Tech Control and Instrumentation which utilizes the existing advance equipments in the laboratories.

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THIAGARAJAR COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TEACHER/FACILITATOR FEEDBACK ANALYSIS

ACEDEMIC YEAR 2019-20

All the courses are considered important and relevant to industry and society. Content of all the courses corresponding to COs are appropriate. Contribution of course content to design thinking and critical analysis is mostly found very good. All the faculty found adequate time for effective coverage of syllabus/lab experiments

Most of the teachers started using ICT tools in addition to PPT. Moodle, Google classroom, and Canvas instructure are the different learning management systems (LMS) used by the faculty. Active learning strategies like TPS, Collaborative learning and Peer coaching are also reported. Software simulations, Videos from websites and screen casting videos are also used for teaching and learning.

Regarding Course contents, suggestions are provided in few courses to add the following:

Course	Contents that can be added
Project Management	Soft skill content
Research Methodology and IPR	real time patent filing procedures
Energy Management System Lab	Wind energy conversion system
Project Management	Project management Software can included
Drives and Control	Application oriented topics shall be included
Special Machines Drives	closed loop control of permanent magnet brushless motor drives
Capstone Course-II	Soft skills training can be given

Also, it is reported that basics of machines can be removed from 'Drives and Control' course and Linear motor can be removed from 'Special Machines' course as it not used in common.

Action taken report based on previous analysis:

Content of the courses Digital Systems, Project Management, Microcontrollers are revised. The report is disseminated to course designers and will be considered in the forth coming BOS.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TEACHER/FACILITATOR FEEDBACK ANALYSIS

ACEDEMIC YEAR 2020-21

All the courses are considered important and relevant to industry and society. Content of all the courses corresponding to COs are appropriate. Contribution of course content to design thinking and critical analysis is mostly found very good. All the faculty found adequate time for effective coverage of syllabus/lab experiments. Faculty are competent taking online classes effectively. Faculty reports few challenges in online assessment.

Moodle and Google classroom are the different learning management systems (LMS) used by the faculty. The usage of online interactive tools such as mentimeter, slido etc are reported. Software simulations, Videos from websites and screen casting videos are also used for teaching and learning.

A separate curriculum for lateral entry students is proposed to improve the learning. Content in the PG course "Power System Dynamics and Stability" may be slightly modified according to the Bloom's level.

Action taken report based on previous analysis:

The report is disseminated to course designers and will be considered in the forth coming BOS.

HDEE