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.

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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.

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Thiagarajar College of Engineering,Madurai 625015

Department of Electrical and Electronics Engineering

Faculty Feed back 2022-2023

A list of questionnaire has been shared with the faculty and their responses are consolidated [71 responses]

Google form: 2022-2023 EEE - Faculty Feedback on handled courses - Google Forms

Many Innovative teaching and learning methods were used by the faculty	• Active learning, • Collaborative Learning, • Peer coaching, • Expert talk, • Assignments with GATE questions • Use of MATLAB software and Toolboxes, • Real time projects, • Skit, Games, Game creation, • Case study, Video demonstration
Innovative Assessment methods followed to measure Course Outcomes at higher levels (Mini projects, Review reports, Online coding, concept test/ MOOCs etc.)	• Quiz with GATE Questions, • Tutorial to solve more problems. • Presentation Report Submission, Review Reports (Including A Sample Proposal For Applying A Project FUND, • Prototype Modeling, • Experiment Modeling, • Simulation, • One problem is solved by many methods. • Code development, • Simulation contest, • Virtual lab simulation, • Performance based grading of assignments
Modern Teaching tools(ICT tools)	• Powerpoint, • NPTEL course videos. • Computer Interfaced Experiments Were Given, Case Study With Net Metering Experiment Was Given. • use of Power world simulator software
Course contents that can be added/modified	Most of the faculty recorded not to add or remove topics in courses handled by them **However inclusion of new topic is expected in the following courses** • Digital Systems-Asynchronous circuit • Microcontrollers-Timer modes in Atmega328P

	can be reduced • Power Electronics-Latest power semiconductor devices can be included. **However removal topic is expected in the following courses** • Power Electronics-Current source converter can be removed. • Electronic Devices And Circuits-Uni junction transistor • Digital Systems -TTL, Schottky TTL , Interfacing CMOS and TTL, Tri-state logic - Diverging from current technology. • C and C++ Programming-C++

Dear Sir/Madam.
Greetings.
Please give your feedback for the courses that you have handled during 2022-2023 (Odd and even semester). Please submit separate form responses for every course that you have handled during the period. This data need to be consolidated and to be submitted to NAAC team.

Name of the faculty

71 responses

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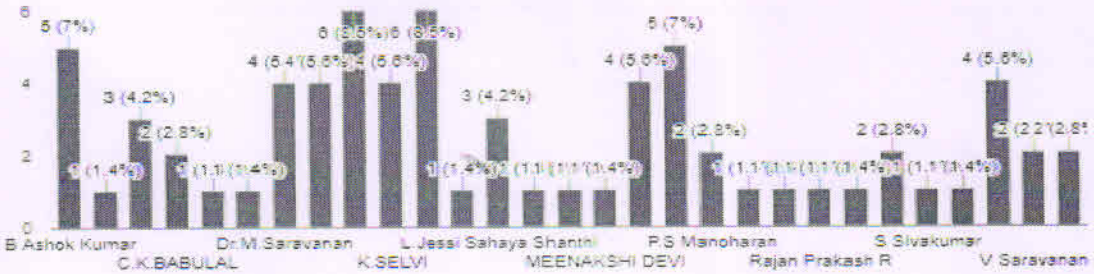

Academic year and semester in which the course is handled

71 responses

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5/10/23

Thiagarajar College of Engineering
Department of Electrical and Electronics Engineering

Teacher/Facilitator Feedback
Analysis
Academic Year 2021-22

Course coverage have been done well for most of the courses. Insufficient time for coverage of course contents is not reported for any course Content **of all** the courses consistent to COS are found suitable.

Innovative teaching **and** assessment methods are used in all the courses. Most of the teachers are **using** ICT tools in addition to PPT. Moodle, Google class room– A learning management system (LMS) has been 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, Pspice, Multisim,Tinkercad), Nptel contents, Videos from websites and screen casting videos are also used for **teaching and** learning.

Few faculties have launched online courses for the benefit of the students.

18EEGF0	Some more case studies shall be added.
18EERF0	Industrial visits may be planned
18EEPY0	Workshops for interaction with industrial experts may be planned
18EE380	Licensed simulation tools need to be purchased
18ES590	This entire course may be clubbed with Design thinking and Project Management.
18ES590	This theory content can be included in Design thinking course. System thinking course can be clubbed with Design thinking course
18EE530	Advanced power devices may be added
18EEPY0	Practical study may be included

The above mentioned points will be taken into account while revising the curriculum.

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