

SONA COLLEGE OF TECHNOLOGY (AUTONOMOUS), SALEM – 636 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Curriculum Feedback - Action to be taken & Action taken report

Academic Year: 2018 – 2019

Date: 20.07.2019

S.No	Stakeholders	Comments Given by Stakeholders	Action to be taken	Action taken
1	Faculty	<ul style="list-style-type: none"> Suggested to merge the unit IV 'Refrigeration and Air Conditioning' with Unit III of Utilisation of Electrical Energy course. Suggested to include the 'Energy Management & Audit' as a unit in Utilisation of Electrical Energy course. Suggested to include the topics 'Shunt reactors and tap changing transformer in Power System Operation and Control course. Suggested to include electives courses such as Embedded Systems, Internet of Things, and Artificial Intelligence in the forthcoming regulations. Suggested to include the topics "Energy sources and their availability - Energy plantation- Prospects of Renewable energy sources in Renewable Energy Sources course under 2015R regulation. Suggested to change the Comprehension course form practical category to theory category in 2015R regulation. Suggested to introduce a new laboratory course Electrical System Design Laboratory in 2015R regulation. Suggested to introduce, the topics Optimization techniques in the course "Neural Networks And 	<ul style="list-style-type: none"> The suggestions given by the stakeholders were discussed and analysed in the DCC. As per the committee recommendations the suggestions are incorporated in the respective courses and submitted for the approval of Board of Studies. Guest lecture on the emerging area like Electric vehicle technology & IOT can be conducted. Orientation program towards higher studies and career can be conducted for third year students. 	<ul style="list-style-type: none"> The topic 'Induction lamps' was removed in unit II and included the topic 'Cost Analysis' in Unit V of Utilisation of Electrical Energy course. Merged unit IV 'Refrigeration and Air Conditioning' with Unit III of Utilisation of Electrical Energy course. Included 'Energy Management and Audit' as a unit in Utilisation of Electrical Energy course. 'Overview of Power system control and Overview of system operation' topics are included in unit I of Power System Operation and Control course. Included 'Shunt reactors and tap changing transformer' topics in unit IV. Also, included 'Energy management system (EMS)' topic in unit V of Power System Operation and Control course. Introduced a new core course Embedded Systems and IoT in Undergraduate Programme under 2019 regulations. "Study of PLC based drives" title was changed to "Speed control of induction

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		<p>Fuzzy Systems” and course name can be changed to “Optimization Techniques for Electrical Engineers” under regulation 2015R.</p> <ul style="list-style-type: none"> • Suggested to revise, the course “Applied Mathematics” as per model curriculum for both PSE & PED in forthcoming regulation. • Suggested to move, the course “Applied mathematics” for PG to professional elective. • Suggested to include, the topic “Transient on power system components” in unit III of the course Computer Aided Power System Analysis 		<p>motor using PLC” in Solid State Drives Laboratory (Regulation 2015R).</p> <ul style="list-style-type: none"> • ‘Energy sources and their availability – Energy plantation- Prospects of Renewable energy sources topics are included in Renewable Energy Sources course ,under 2015R regulation, • Comprehension course was changed from practical category to theory category in 2015R regulation. • Introduced a new laboratory course ‘Electrical System Design Laboratory’ in sixth semester, under 2015R regulation. • Optimization techniques topic was included in Neural Networks And Fuzzy Systems course and the course name was changed to “Optimization Techniques for Electrical Engineers” under regulation 2015R. • Introduced a new elective course “Mathematics for Power Engineers” for both PSE & PED in 2019 regulations. • Transient on power system components” topic was included in unit III of Computer Aided Power System Analysis course.
2	Students	<ul style="list-style-type: none"> • Suggested to change, the experiment Study of PLC based drives to Speed control of induction motor using PLC in Solid State Drives Laboratory (Regulation 2015R). 		
3	Alumni	<ul style="list-style-type: none"> • Suggested to include, the topics ‘Overview of Power system control and Overview of system operation’ in Power System Operation and Control course. 		
4	Employers	<ul style="list-style-type: none"> • Suggested to remove, the topic ‘Induction lamps’ in unit II and added the topic ‘Cost Analysis’ in Unit V of Utilisation of Electrical Energy course. • Suggested to include, the topic ‘Energy management system (EMS)’ in Power System Operation and Control course. 		

20/07/2019
 BOS Co-ordinator

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 20.7.19
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