



Vel Tech
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 R&D Institute of Science and Technology
 (Deemed to be University Estd. u/s 3 of UGC Act, 1956)

School of Electrical and Communication

Department of EEE

Stakeholders Feedback and its implementation in BoS (2016-17 to 2020-21)

Program Code	Program Name	Academic Year	Course Code	Course Name	Action taken from stack holders BoS	Implementation status in BoS
UEEE	B.Tech - EEE	2016-17	1151EE109	Power Electronics	Power Electronics and Drives course was renamed as power electronics and the drives related topics are removed from the syllabus.	Discussed modifications are included in syllabus
			1152EE118	Solid State Drives	Solid state drives course moved to program elective	Corse is moved to program elective
UEEE	B.Tech - EEE	2017-18	1152EE143	Solar Photovoltaic systems	The course has been converted into lab integrated course by adding lab experiments	Discussed modifications are included in syllabus
			1153EE113	Transducers and sensors	A new course was introduced in UG-EEE allied elective. Virtual instrumentation and biosensors are added in the available	New course introduced

					syllabus and it is considered as 5 th unit	
UEEE	B.Tech - EEE	2017-18	1153EE110	Power Supply Quality Issues	A new allied elective course “Power Supply Quality issues” is introduced in UG EEE. Title has changed as “Power Supply Quality”. Battery load, Battery chargers topics are included.	New course introduced
			1154EE118	Green Energy Resources	Lecture hours of unit I is reduced from 9 to 6 because of less topics, Lecture hours of unit II is increased from 9 to 12 because of more topics. Solar thermal topic is included in Unit II. “Electrical load forecasting” topic was changed into “Wind energy forecasting” Waste to energy, Heat to energy topics are included in Unit V.	Discussed modifications are included in syllabus
			1154EE122	Wind energy technology	In unit I “Wind speed prediction” topic was changed to “Wind energy forecasting”. Title of unit IV is changed into “Types of generator” and the following topics are included. “Different types of generator, Grid integration, transformer”	Discussed modifications are included in syllabus

					Braking Related topics are included in Unit V	
UEEE	B.Tech - EEE	2018-19	1151EE106	Control Systems	"Design of compensators" topic has removed from unit IV	Discussed modifications are done in syllabus
			1151EE107	Measurement and Instrumentation	"Interfacing and screening" topic removed from unit III "Digital plotters and printers" topic removed from unit IV "Inductive and capacitive transducers" topic removed from unit V	Discussed modifications are done in syllabus
			1152EE142 / 1153EE128 / 1154EE125	Wearable electronics	A new course "Wearable electronics" is introduced in UG EEE program elective and institute elective.	New course introduced
UEEE	B.Tech - EEE	2018-19	1152EE106	Smart Grid	"Power system analysis" course is added prerequisite course. Based on the topics in this course it is decided to offer only in program elective category.	Discussed modifications are done in syllabus
			1152EE128	Soft Computing	Course name is changed from "Introduction to soft computing" to "Soft computing". The same course is remodified and converted as a theory dominated integrated course	Discussed modifications are done in syllabus

					“Applied soft computing by making appropriate changes in syllabus and including lab experiments on unit V.	
			1152EE138	Generation planning	A new course “Generation planning” is introduced in UG EEE program elective.	New course introduced
PEPE	M.Tech – Power Electronics	2019-20	2162EE149	Modern power systems	A new course is introduced in PG – Power Electronics program elective category.	New course introduced
PEPE	M.Tech – Power Electronics	2019-20	2162EE150	Soft computing for power systems	A new course is introduced in PG – Power Electronics program elective category.	New course introduced
UEEE	B.Tech - EEE	2019-20	1152EE144	Reactive power management	A new course “Generation planning” is introduced in UG EEE program elective.	New course introduced
			1152EE301 / 1154EE301	Voltage stabilizer fabrication	A one credit lab course “Voltage stabilizer fabrication” is introduced in program elective and institute elective category UG EEE.	New course introduced
			11152EE202/ 1153EE201	Switch mode power supply design and development	A lab dominated six credit course “Switch mode power supply design and development” is introduced in program elective and allied elective category of UG EEE.	New course introduced

PEPE	M.Tech – Power Electronics	2020-21	2162EE151	Battery Systems Engineering	A new course is introduced in PG – Power Electronics program elective category.	New course introduced
PEPE	M.Tech – Power Electronics	2020-21	2162EE152	Battery Management and Control	A new course is introduced in PG – Power Electronics program elective category.	New course introduced


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