



School of Electrical and Communication Engineering
Department of Electronics and Communication Engineering
Stakeholders feedback & its Implementation in BoS (2016-17 to 2020-21)

Program Code	Programme Name	Academic Year	Course Code	Course Name	Action Taken from Stakeholder feedback	Implementation Status in BoS
UEEC	B.Tech Electronics and Communication Engineering	2017-2018	1151EC110	Microprocessor & Microcontroller	Based on industry expert feedback it was suggested to include detailed contents for 8086 Microprocessor in Unit I to enable the students to learn about 16 bit processor	Approved in 30th BoS
UEEC	B.Tech Electronics and Communication Engineering	2017-2018	1152EC124	MIMO Wireless Communication	Based on faculty feedback it was suggested to include diversity reception techniques in Unit III or Unit IV	Approved 30th BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1152EC140	Cellular Mobile Communication	The course handling faculty of Cellular Mobile Communication suggested to combine units 1 and 2 and split the contents of unit 3 into two	Approved in 31st BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1151EC105	Linear Integrated Circuits	Based on faculty feedback it was suggested to make modifications in syllabus content - To move topic on "Active Filters: Low pass, High Pass and band pass filters - Switched capacitor filter" from Unit 1 to Unit 2. • To move topic on "Comparators and Wave form Generators: Comparator - Regenerative comparator - Astable Multivibrators - Monostable Multivibrators - Triangular wave generator - Sine wave generators" from Unit 2 to Unit 3	Approved in 31st BoS

UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1151EC106	Analog and Digital Control Systems	Based on faculty feedback following modifications were done in the syllabus - To include topic on "State space representation of continuous time systems – physical systems and phase variable model" in Unit 1. • To remove topic on "Concepts of controllability and observability" from Unit 1. • To remove topic on "application of root locus diagram" from Unit 2. • To modify Unit 3 content as "Frequency response - correlation between time and frequency responses - bode plot, polar plot - frequency domain specifications from the plots - nyquist plot, nyquist stability	Approved in 31st BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1151EC107	Signals and Systems	Based on faculty feedback topic on "Complex exponential and sinusoidal amplitude modulation – demodulation for sinusoidal AM – Frequency division multiplexing" was included in Unit 5	Approved in 31st BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1151EC112	Discrete Time Signal Processing	Based on faculty feedback following modifications in syllabus was done - To reorder topic in Unit 2 as "Structures of IIR – Analog filter design – Discrete time IIR filter from analog filter – IIR filter design by using Approximation of derivatives – Impulse Invariance – Bilinear transformation, (LPF, HPF, BPF, BRF) filter design using frequency translation". • To include topic on "FIR Filter structures" in Unit 3. • To remove topic on "Overview of instruction set architecture" from Unit 4	Approved in 31st BoS

UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1152EC153	Fuzzy Neural Systems	Based on faculty feedback, it was suggested that in 5th unit, discuss any three applications. Consider minimum content in 4th unit for better understanding of students. Based on faculty feedback.	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1152EC221	Electromagnetic Interference and Compatibility	Experiments are arranged according to the course content. Contents are added based on experiments in Unit 1, Unit 3 and Unit 4.	Approved in 32nd BoS
PEES	M. Tech Embedded Systems and Technologies	2017-2018		Semiconductor Physics and Device Modeling	Based on faculty feedback, it was suggested to include Failure Analysis contents.	Approved in 29th BoS
PEES	M. Tech Embedded Systems and Technologies	2017-2018	2162EC109	Analog and Mixed Signal IC Design	Based on faculty feedback it was suggested to include ADC, DAC, Interfacing techniques, Clocking and Power Management contents.	Approved in 29th BoS
PEES	M. Tech Embedded Systems and Technologies	2017-2018	2162EC111	Internet of Things	Based on industry expert feedback, it was suggested to remove contents like RFID and SCADA and include BLE, Lora Security, Open IoT and case study. To convert as integrated course incorporating lab experiments.	Approved in 29th BoS
PEES	M. Tech Embedded Systems and Technologies	2017-2018		Photonic Integrated Circuits	Based on faculty feedback, course was suggested to be removed.	Approved in 29th BoS
UEEC	B.Tech Electronics and Communication Engineering	2017-2018	1157EC908	Railway Telecommunication	Based on faculty feedback, course newly introduced.	Approved in 30th BoS
UEEC	B.Tech Electronics and Communication Engineering	2017-2018	1157EC909	Introduction to Ocean Technology	Based on alumni feedback, course newly introduced.	Approved in 30th BoS
UEEC	B.Tech Electronics and Communication Engineering	2017-2018	1157EC907	IoT	Based on Alumni feedback, course newly introduced.	Approved in 30th BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1157EC923	Fault Tolerant Computing	Based on faculty feedback, course newly introduced.	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1157EC907	Internet of Things (IoT)	Based on faculty feedback, course newly introduced.	Approved in 32nd BoS

UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1157EC920	Fundamentals of Sensors & Actuators	Based on faculty feedback, course newly introduced	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1157EC921	Video Signal Processing	Based on Alumni feedback, course newly introduced	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1157EC922	Integrated Circuit Design using CMOS Technology	Based on industry expert feedback, course newly introduced	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1153EC208	Reconfigurable Computing with FPGA	Based on industry expert feedback, course newly introduced	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1154EC111	Process Control	Based on industry expert feedback, course newly introduced	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2018-2019	1154EC112	Intelligent Transport Systems	Based on Alumni feedback, course newly introduced	Approved in 32nd BoS
UEEC	B.Tech Electronics and Communication Engineering	2019-2020	1153EC209	Real Time Embedded Systems	Based on Alumni feedback, course newly introduced	Approved in 33rd BoS
UEEC	B.Tech Electronics and Communication Engineering	2019-2020	1154EC213	Vehicle Electronics	Based on industry expert feedback, course newly introduced	Approved in 33rd BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC257	Antenna Design Techniques	Based on industry expert feedback, course newly introduced	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC528	Physical Design of CMOS IC	Based on industry expert feedback, course newly introduced	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC259	Fundamentals of Machine Learning	Based on faculty feedback, course newly introduced	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC260	Machine Learning	Based on faculty feedback, course newly introduced	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC261	Professional Python Programming	From the faculty feedback of Course Python Programming, redundant contents in the units are revised. The course content python programming was modified and subsequently new course was introduced approved by External BoS members	Approved 34th BoS

UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC227	Software Defined Radio	newly introduced based on faculty feedback	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC225	Wireless Adhoc and Sensor Networks	newly introduced based on faculty feedback	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC229	Internet of Things	newly introduced based on faculty feedback	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1153EC110	Control Systems	newly introduced based on faculty feedback	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1152EC255	Embedded C Programmin	newly introduced based on faculty feedback	Approved 34th BoS
UEEC	B.Tech Electronics and Communication Engineering	2020-2021	1156EC402	Python Programming	newly introduced based on faculty feedback	Approved 34th BoS
PEES	M.Tech Embedded Systems and Technologies	2020-2021		Embedded System Design with ARM - NPTEL	From the feedback of faculty independent learning course, Embedded System Design with ARM - NPTEL course was suggested to be included	Approved 34th BoS

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