



EQUIVALENT COURSES under URR-18 SCHEME
Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted to the Principal:

- Ref: (i) AA office circular No. KITS/Acad/URR-14 & URR-18/RR/2020/ dated 07.09.2020 – On the rules for re-admission of detained students of URR-14 (old scheme) to URR-18 (new scheme) during AY 2020-21- Rules- Reg.
(ii) Roll lists released for re-admission of detained students, dated 27-07-2020.

As per the decision of the institute academic advisory committee (AAC), vide ref (i) cited, at its meeting held on 04.09.2020, the detained students of URR-14 (old scheme), who were permitted to take re-admission under URR-18 (new scheme) into various semesters during the AY 2020-21, should have to appear for the courses by taking equivalent courses under the URR-18 scheme.

The equivalent courses prescribed for B.Tech. ELECTRONICS AND COMMUNICATION ENGINEERING under URR-18 scheme are notified separately for the candidates admitted into III, IV, V, VI, VII and VIII semesters.

A. For URR-14 Students re-admitted into III SEMESTER under URR-18

EQUIVALENT COURSES				
Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING				
Seme-ster	S. No.	COURSES under URR-18 scheme	EQUIVALENT Courses in URR-14 scheme	Remarks
B. Tech (I sem)	1.	U18MH101 Engineering Mathematics - I	U14MH101:Engineering Mathematics-I	-
	2.	U18CS102:Programming for Problem Solving using C	U14CS102:Programming in C	-
	3.	U18CH103:Engineering Chemistry	U14CH103:Engineering Chemistry	-
	4.	U18ME104: Engineering Drawing	U14ME104: Engineering Graphics	-
	5.	U18CE105: Engineering Mechanics	U14CE106:Basic Engineering Mechanics	-
	6.	U18CS107:Programming for Problem Solving using C Laboratory	U14CS107:Programming in "C" Laboratory	-

	7.	U18CH108:Engineering Chemistry Laboratory	U14CH108:Engineering Chemistry Laboratory	-
	8.	U18CH109: Environmental Studies	U14CH109: Environmental Studies	-
	9.	U18EA110:EAA: Sports / Yoga / NSS	U14EA110:EAA: Physical Education & NSS	-
	10.	U18EA111: Universal Human Values-I (Induction Program)	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18EA111: Universal Human Values-I / attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (II sem)	11.	U18MH201:Engineering Mathematics – II	U14MH201:Engineering Mathematics-II	
	12.	U18CS202:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18CS202:Data Structures through C / attend parallel classes by the department concerned, if the course is offered</i>
	13.	U18PH203:Engineering Physics	U14PH203:Engineering Physics	-
	14.	U18MH204: English for Communication	U14MH204: English for Communication	-
	15.	U18EE205: Basic Electrical Engineering	U14EE105: Basic Electrical Engineering	-
	16.	U18EE206: Basic Electrical Engineering Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS206:Basic Electrical Engineering Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	17.	U18CS207:Data Structures Through C Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS207:Data Structures Through C Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	18.	U18PH208:Engineering Physics Laboratory	U14PH208:Engineering Physics Laboratory	-
	19.	U18ME209:Workshop Practice	U18ME209: Engineering Workshop Practice	-
	20.	U18EA210:EAA: Sports / Yoga / NSS	U14EA210:EAA: Physical Education & NSS	-
<p>Re-admission into III SEMESTER under URR-18 THE LIST OF EQUIVALENT COURSES ENDS HERE</p>				

B. For URR-14 Students re-admitted into IV SEMESTER under URR-18

EQUIVALENT COURSES under URR-18 SCHEME				
Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING				
Semester	S. No.	COURSES under URR-18 scheme	EQUIVALENT Courses in URR-14 scheme	Remarks
B. Tech (I sem)	1.	U18MH101 Engineering Mathematics - I	U14MH101:Engineering Mathematics-I	-
	2.	U18CS102:Programming for Problem Solving using C	U14CS102:Programming in C	-
	3.	U18CH103:Engineering Chemistry	U14CH103:Engineering Chemistry	-
	4.	U18ME104: Engineering Drawing	U14ME104: Engineering Graphics	-
	5.	U18CE105: Engineering Mechanics	U14CE106:Basic Engineering Mechanics	-
	6.	U18CS107:Programming for Problem Solving using C Laboratory	U14CS107:Programming in "C" Laboratory	-
	7.	U18CH108:Engineering Chemistry Laboratory	U14CH108:Engineering Chemistry Laboratory	-
	8.	U18CH109: Environmental Studies	U14CH109: Environmental Studies	-
	9.	U18EA110:EAA: Sports / Yoga / NSS	U14EA110:EAA: Physical Education & NSS	-
	10.	U18EA111: Universal Human Values-I (Induction Program)	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18EA111: Universal Human Values-I / attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (II sem)	11.	U18MH201:Engineering Mathematics - II	U14MH201:Engineering Mathematics-II	-
	12.	U18CS202:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18CS202:Data Structures through C / attend parallel classes by the department concerned, if the course is offered</i>
	13.	U18PH203:Engineering Physics	U14PH203:Engineering Physics	-
	14.	U18MH204: English for Communication	U14MH204: English for Communication	-
	15.	U18EE205: Basic Electrical Engineering	U14EE105: Basic Electrical Engineering	-
	16.	U18EE206: Basic Electrical Engineering Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS206:Basic Electrical Engineering Laboratory during regular</i>

				<i>semester/inter-semester break/ summer break, as decided by the department concerned</i>
	17.	U18CS207:Data Structures Through C Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS207:Data Structures Through C Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	18.	U18PH208:Engineering Physics Laboratory	U14PH208:Engineering Physics Laboratory	-
	19.	U18ME209:Workshop Practice	U18ME209: Engineering Workshop Practice	-
	20.	U18EA210:EAA: Sports / Yoga / NSS	U14EA210:EAA: Physical Education & NSS	-
B. Tech (III sem)	21.	U18MH301:Engineering Mathematics-III	U14MH301:Engineering Mathematics - III	-
	22.	U18TP302: Soft and Interpersonal Skills	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18TP302: Soft and Interpersonal Skills / attend parallel classes by the department concerned, if the course is offered</i>
	23.	U18OE303A: Object Oriented Programming	U14CS202: Object Oriented Programming	<i>The candidate already studied U14CS202: Object Oriented Programming in 2nd sem of URR-14. Hence, candidate is exempted from taking U18OE303A: Object Oriented Programming in 3rd sem of URR-18. In case, the candidate failed in U14CS202, he has to clear the course U14CS202 in supplementary examinations within 8 academic years from his registration in 1st semester</i>
	24.	U18OE303B: Fluid Mechanics & Hydraulic Machines	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303B: Fluid Mechanics & Hydraulic Machines / attend parallel classes by the department concerned, if the course is offered</i>
	25.	U18OE303C: Fundamentals of Mechatronics	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303C: Fundamentals of Mechatronics / attend parallel classes by the department concerned, if the course is offered</i>
	26.	U18OE303D: Web Programming	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming</i>

			<i>/ attend parallel classes by the department concerned, if the course is offered</i>
27.	U18OE303F: Strength of Materials	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303F: Strength of Materials / attend parallel classes by the department concerned, if the course is offered</i>
28.	U18EC304: Signals & Systems	U14EC304: Signals & Systems	-
29.	U18EC305: Analog Circuits – I	U14EI205: Basic Electronics Engineering	-
30.	U18EC306: Switching Theory & Logic Design	U14EC302: Switching Theory & Logic Design	-
31.	U18EE312: Network Analysis	U14EE310: Network Analysis and Synthesis	-
32.	U18EC308: Analog Circuits - I Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
33.	U18OE311A: Object Oriented Programming Lab	U14CS207: Object Oriented Programming Lab	<i>The candidate already studied U14CS207: Object Oriented Programming Lab in 2nd sem of URR-14. Hence, candidate is exempted from taking U18OE311A: Object Oriented Programming Lab in 3rd sem of URR-18. In case, the candidate failed in U14CS207, he has to clear the course U14CS207 in supplementary examinations within 8 academic years from his registration in 1st semester</i>
34.	U18OE311B: Fluid Mechanics and Hydraulic Machines Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
35.	U18OE311C: Mechatronics Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
36.	U18OE311D: Web Programming Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
37.	U18OE311F: Strength of Materials Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>

Re-admission into IV SEMESTER under URR-18
THE LIST OF EQUIVALENT COURSES ENDS HERE

C. For URR-14 Students re-admitted into V SEMESTER under URR-18

EQUIVALENT COURSES under URR-18 SCHEME				
Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING				
Semester	S. No.	COURSES under URR-18 scheme	EQUIVALENT Courses in URR-14 scheme	Remarks
B. Tech (I sem)	1.	U18MH101 Engineering Mathematics – I	U14MH101:Engineering Mathematics-I	-
	2.	U18CS102:Programming for Problem Solving using C	U14CS102:Programming in C	-
	3.	U18CH103:Engineering Chemistry	U14CH103:Engineering Chemistry	-
	4.	U18ME104: Engineering Drawing	U14ME104: Engineering Graphics	-
	5.	U18CE105: Engineering Mechanics	U14CE106:Basic Engineering Mechanics	-
	6.	U18CS107:Programming for Problem Solving using C Laboratory	U14CS107:Programming in "C" Laboratory	-
	7.	U18CH108:Engineering Chemistry Laboratory	U14CH108:Engineering Chemistry Laboratory	-
	8.	U18CH109: Environmental Studies	U14CH109: Environmental Studies	-
	9.	U18EA110:EAA: Sports / Yoga / NSS	U14EA110:EAA: Physical Education & NSS	-
	10.	U18EA111: Universal Human Values-I (Induction Program)	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18EA111: Universal Human Values-I / attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (II sem)	11.	U18MH201:Engineering Mathematics – II	U14MH201:Engineering Mathematics-II	-
	12.	U18CS202:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18CS202:Data Structures through C / attend parallel classes by the department concerned, if the course is offered</i>
	13.	U18PH203:Engineering Physics	U14PH203:Engineering Physics	-
	14.	U18MH204: English for Communication	U14MH204: English for Communication	-
	15.	U18EE205: Basic Electrical Engineering	U14EE105: Basic Electrical Engineering	-
	16.	U18EE206: Basic Electrical Engineering Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS206:Basic Electrical Engineering Laboratory during regular</i>

				<i>semester/inter-semester break/ summer break, as decided by the department concerned</i>
	17.	U18CS207:Data Structures Through C Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS207:Data Structures Through C Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	18.	U18PH208:Engineering Physics Laboratory	U14PH208:Engineering Physics Laboratory	-
	19.	U18ME209:Workshop Practice	U18ME209: Engineering Workshop Practice	-
	20.	U18EA210:EAA: Sports / Yoga / NSS	U14EA210:EAA: Physical Education & NSS	-
B. Tech (III sem)	21.	U18MH301:Engineering Mathematics-III	U14MH301:Engineering Mathematics - III	-
	22.	U18TP302: Soft and Interpersonal Skills	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18TP302: Soft and Interpersonal Skills / attend parallel classes by the department concerned, if the course is offered</i>
	23.	U18OE303A: Object Oriented Programming	U14CS202: Object Oriented Programming	-
	24.	U18OE303B: Fluid Mechanics & Hydraulic Machines	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303B: Fluid Mechanics & Hydraulic Machines / attend parallel classes by the department concerned, if the course is offered</i>
	25.	U18OE303C: Fundamentals of Mechatronics	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303C: Fundamentals of Mechatronics / attend parallel classes by the department concerned, if the course is offered</i>
	26.	U18OE303D: Web Programming	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
	27.	U18OE303F: Strength of Materials	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303F: Strength of Materials / attend parallel classes by the department concerned, if the course is offered</i>

	28.	U18EC304: Signals & Systems	U14EC304: Signals & Systems	-
	29.	U18EC305: Analog Circuits - I	U14EI205: Basic Electronics Engineering	-
	30.	U18EC306: Switching Theory & Logic Design	U14EC302: Switching Theory & Logic Design	-
	31.	U18EE312: Network Analysis	U14EE310: Network Analysis and Synthesis	-
	32.	U18EC308: Analog Circuits - I Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
	33.	U18OE311A: Object Oriented Programming Lab	U14CS207: Object Oriented Programming Lab	-
	34.	U18OE311B: Fluid Mechanics and Hydraulic Machines Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
	35.	U18OE311C: Mechatronics Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
	36.	U18OE311D: Web Programming Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
	37.	U18OE311F: Strength of Materials Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (IV sem)	38.	U18OE401A:Applicable Mathematics	U14MH401:Engineering Mathematics - IV	-
	39.	U18OE401C: Elements of Mech. Engg.	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	40.	U18OE401E: Computers Networks	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	41.	U18OE401F: Renewable Energy Resources	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	42.	U18MH402: Professional English	U14MH309: Compliance with current English	-

43.	U18EC403: Electro Magnetic Waves and Transmission Lines	U14EC306: Electro Magnetic Waves and Transmission Lines	-
44.	U18EC404: Analog Circuits - II	U14EC304: Electronic Circuits	-
45.	U18EC405: Pulse and Digital Circuits	U14EC402: Pulse and Digital Circuits	-
46.	U18EC406: Probability and Random Processes	U14EC403: Probability and Random Processes	-
47.	U18EC407: Digital Design	U14EC404: Digital Design	-
48.	U18MH415: Essence of Indian Traditional Knowledge	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
49.	U18EC408: Analog Circuits - II Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
50.	U18EC409: Pulse and Digital Circuits Laboratory	U14EC406: Pulse and Digital Circuits Laboratory	-
51.	U18CH416: Environmental Studies	U14CH209: Environmental Studies	-
<p>Re-admission into V SEMESTER under URR-18 THE LIST OF EQUIVALENT COURSES ENDS HERE</p>			

D. For URR-14 Students re-admitted into VI SEMESTER under URR-18

EQUIVALENT COURSES under URR-18 SCHEME				
Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING				
Seme-ster	S. No.	COURSES under URR-18 scheme	EQUIVALENT Courses in URR-14 scheme	Remarks
B. Tech (I sem)	1.	U18MH101:Engineering Mathematics - I	U14MH101:Engineering Mathematics-I	-
	2.	U18CS102:Programming for Problem Solving using C	U14CS102:Programming in C	-
	3.	U18CH103:Engineering Chemistry	U14CH103:Engineering Chemistry	-
	4.	U18ME104: Engineering Drawing	U14ME104: Engineering Graphics	-
	5.	U18CE105: Engineering Mechanics	U14CE106:Basic Engineering Mechanics	-
	6.	U18CS107:Programming for Problem Solving using C Laboratory	U14CS107:Programming in "C" Laboratory	-
	7.	U18CH108:Engineering Chemistry Laboratory	U14CH108:Engineering Chemistry Laboratory	-
	8.	U18CH109: Environmental Studies	U14CH109: Environmental Studies	-
	9.	U18EA110:EAA: Sports / Yoga / NSS	U14EA110:EAA: Physical Education & NSS	-
	10.	U18EA111: Universal Human Values-I (Induction Program)	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18EA111: Universal Human Values-I/ attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (II sem)	11.	U18MH201:Engineering Mathematics - II	U14MH201:Engineering Mathematics-II	-
	12.	U18CS202:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18CS202:Data Structures through C/ attend parallel classes by the department concerned, if the course is offered</i>
	13.	U18PH203:Engineering Physics	U14PH203:Engineering Physics	-
	14.	U18MH204: English for Communication	U14MH204: English for Communication	-
	15.	U18EE205: Basic Electrical Engineering	U14EE105: Basic Electrical Engineering	-
	16.	U18EE206: Basic Electrical Engineering Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS206:Basic Electrical Engineering Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	17.	U18CS207:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes</i>

	Laboratory		<i>on U18CS207:Data Structures Through C Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
18.	U18PH208:Engineering Physics Laboratory	U14PH208:Engineering Physics Laboratory	-
19.	U18ME209:Workshop Practice	U18ME209: Engineering Workshop Practice	-
20.	U18EA210:EAA: Sports / Yoga / NSS	U14EA210:EAA: Physical Education & NSS	-
21.	U18MH301:Engineering Mathematics-III	U14MH301:Engineering Mathematics - III	-
22.	U18TP302: Soft and Interpersonal Skills	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18TP302: Soft and Interpersonal Skills / attend parallel classes by the department concerned, if the course is offered</i>
23.	U18OE303A: Object Oriented Programming	U14CS202: Object Oriented Programming	-
24.	U18OE303B: Fluid Mechanics & Hydraulic Machines	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303B: Fluid Mechanics & Hydraulic Machines / attend parallel classes by the department concerned, if the course is offered</i>
25.	U18OE303C: Fundamentals of Mechatronics	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303C: Fundamentals of Mechatronics / attend parallel classes by the department concerned, if the course is offered</i>
26.	U18OE303D: Web Programming	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
27.	U18OE303F: Strength of Materials	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303F: Strength of Materials / attend parallel classes by the department concerned, if the course is offered</i>
28.	U18EC304: Signals & Systems	U14EC304: Signals & Systems	-
29.	U18EC305: Analog Circuits - I	U14EI205: Basic Electronics Engineering	-
30.	U18EC306: Switching Theory & Logic Design	U14EC302: Switching Theory & Logic Design	-
31.	U18EE312: Network Analysis	U14EE310: Network Analysis and Synthesis	-
32.	U18EC308: Analog Circuits - I Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-

	33.	U18OE311A: Object Oriented Programming Lab	U14CS207: Object Oriented Programming Lab	-
	34.	U18OE311B: Fluid Mechanics and Hydraulic Machines Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	35.	U18OE311C: Mechatronics Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	36.	U18OE311D: Web Programming Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	37.	U18OE311F: Strength of Materials Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
B. Tech (IV sem)	38.	U18OE401A:Applicable Mathematics	U14MH401:Engineering Mathematics - IV	-
	39.	U18OE401C: Elements of Mech. Engg.	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	40.	U18OE401E: Computers Networks	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	41.	U18OE401F: Renewable Energy Resources	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	42.	U18MH402: Professional English	U14MH309: Compliance with current English	-
	43.	U18EC403: Electro Magnetic Waves and Transmission Lines	U14EC306: Electro Magnetic Waves and Transmission Lines	-
	44.	U18EC404: Analog Circuits - II	U14EC304: Electronic Circuits	-
	45.	U18EC405: Pulse and Digital Circuits	U14EC402: Pulse and Digital Circuits	-
	46.	U18EC406: Probability and Random Processes	U14EC403: Probability and Random Processes	-
	47.	U18EC407: Digital Design	U14EC404: Digital Design	-
	48.	U18MH415: Essence of Indian Traditional Knowledge	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	49.	U18EC408: Analog Circuits - II Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
	50.	U18EC409: Pulse and Digital Circuits Laboratory	U14EC406: Pulse and Digital Circuits Laboratory	-
	51.	U18CH416: Environmental Studies	U14CH209: Environmental Studies	-

B. Tech (V sem)	52.	U18MH501: Universal Human Values - II	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	53.	U18EC502A: Artificial Intelligence and Machine Learning with Python	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	54.	U18EC502B: Pervasive Computing	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	55.	U18EC502C: Electronic Measurements and Instrumentation	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	56.	U18EC502M: MOOC Course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	57.	U18EC503: Communication Systems	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	58.	U18EC504: Antennas and Wave Propagation	U14EC501: Antennas and Wave Propagation	-
	59.	U18EC505: Linear Integrated Circuits and Applications	U14EC405: Linear Integrated Circuits	-
	60.	U18EC506: Microprocessors and Microcontrollers	U14EC504: Microprocessors and Microcontrollers	-
	61.	U18EC507: Communication Systems Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18EC507: Communication Systems Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	62.	U18EC508: IC Applications Laboratory	U14EC408: Linear Integrated Circuits Laboratory	-
	63.	U18EC509: Microprocessors and Microcontrollers Laboratory	U14EC508: Microprocessors and Microcontrollers Laboratory	-
	64.	U18EC510: Seminar	U14EC509: Seminar	-

Re-admission into VI SEMESTER under URR-18
THE LIST OF EQUIVALENT COURSES ENDS HERE

E. For URR-14 Students re-admitted into VII SEMESTER under URR-18

EQUIVALENT COURSES under URR-18 SCHEME				
Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING				
Seme-ster	S. No.	COURSES under URR-18 scheme	EQUIVALENT Courses in URR-14 scheme	Remarks
B. Tech (I sem)	1.	U18MH101 Engineering Mathematics - I	U14MH101:Engineering Mathematics-I	-
	2.	U18CS102:Programming for Problem Solving using C	U14CS102:Programming in C	-
	3.	U18CH103:Engineering Chemistry	U14CH103:Engineering Chemistry	-
	4.	U18ME104: Engineering Drawing	U14ME104: Engineering Graphics	-
	5.	U18CE105: Engineering Mechanics	U14CE106:Basic Engineering Mechanics	-
	6.	U18CS107:Programming for Problem Solving using C Laboratory	U14CS107:Programming in "C" Laboratory	-
	7.	U18CH108:Engineering Chemistry Laboratory	U14CH108:Engineering Chemistry Laboratory	-
	8.	U18CH109: Environmental Studies	U14CH109: Environmental Studies	-
	9.	U18EA110:EAA: Sports / Yoga / NSS	U14EA110:EAA: Physical Education & NSS	-
	10.	U18EA111: Universal Human Values-I (Induction Program)	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18EA111: Universal Human Values-I / attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (II sem)	11.	U18MH201:Engineering Mathematics - II	U14MH201:Engineering Mathematics-II	-
	12.	U18CS202:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18CS202:Data Structures through C / attend parallel classes by the department concerned, if the course is offered</i>
	13.	U18PH203:Engineering Physics	U14PH203:Engineering Physics	-
	14.	U18MH204: English for Communication	U14MH204: English for Communication	-
	15.	U18EE205: Basic Electrical Engineering	U14EE105: Basic Electrical Engineering	-

	16.	U18EE206: Basic Electrical Engineering Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS206:Basic Electrical Engineering Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	17.	U18CS207:Data Structures Through C Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS207:Data Structures Through C Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	18.	U18PH208:Engineering Physics Laboratory	U14PH208:Engineering Physics Laboratory	-
	19.	U18ME209:Workshop Practice	U18ME209: Engineering Workshop Practice	-
	20.	U18EA210:EAA: Sports / Yoga / NSS	U14EA210:EAA: Physical Education & NSS	-
B. Tech (III sem)	21.	U18MH301:Engineering Mathematics-III	U14MH301:Engineering Mathematics - III	-
	22.	U18TP302: Soft and Interpersonal Skills	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18TP302: Soft and Interpersonal Skills / attend parallel classes by the department concerned, if the course is offered</i>
	23.	U18OE303A: Object Oriented Programming	U14CS202: Object Oriented Programming	-
	24.	U18OE303B: Fluid Mechanics & Hydraulic Machines	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303B: Fluid Mechanics & Hydraulic Machines / attend parallel classes by the department concerned, if the course is offered</i>
	25.	U18OE303C: Fundamentals of Mechatronics	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303C: Fundamentals of Mechatronics / attend parallel classes by the department concerned, if the course is offered</i>
	26.	U18OE303D: Web Programming	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
	27.	U18OE303F: Strength of Materials	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303F: Strength of Materials / attend parallel classes by the department concerned, if the course is offered</i>
	28.	U18EC304: Signals & Systems	U14EC304: Signals & Systems	-
	29.	U18EC305: Analog Circuits – I	U14EI205: Basic Electronics Engineering	-

	30.	U18EC306: Switching Theory & Logic Design	U14EC302: Switching Theory & Logic Design	-
	31.	U18EE312: Network Analysis	U14EE310: Network Analysis and Synthesis	-
	32.	U18EC308: Analog Circuits - I Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
	33.	U18OE311A: Object Oriented Programming Lab	U14CS207: Object Oriented Programming Lab	-
	34.	U18OE311B: Fluid Mechanics and Hydraulic Machines Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	35.	U18OE311C: Mechatronics Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	36.	U18OE311D: Web Programming Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	37.	U18OE311F: Strength of Materials Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
B. Tech (IV sem)	38.	U18OE401A:Applicable Mathematics	U14MH401:Engineering Mathematics - IV	-
	39.	U18OE401C: Elements of Mech. Engg.	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	40.	U18OE401E: Computers Networks	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	41.	U18OE401F: Renewable Energy Resources	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	42.	U18MH402: Professional English	U14MH309: Compliance with current English	-
	43.	U18EC403: Electro Magnetic Waves and Transmission Lines	U14EC306: Electro Magnetic Waves and Transmission Lines	-
	44.	U18EC404: Analog Circuits – II	U14EC304: Electronic Circuits	-
	45.	U18EC405: Pulse and Digital Circuits	U14EC402: Pulse and Digital Circuits	-
	46.	U18EC406: Probability and Random Processes	U14EC403: Probability and Random Processes	-
	47.	U18EC407: Digital Design	U14EC404: Digital Design	-
	48.	U18MH415: Essence of Indian	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC</i>

		Traditional Knowledge		<i>course / attend parallel classes by the department concerned, if the course is offered</i>
	49.	U18EC408: Analog Circuits - II Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
	50.	U18EC409: Pulse and Digital Circuits Laboratory	U14EC406: Pulse and Digital Circuits Laboratory	-
	51.	U18CH416: Environmental Studies	U14CH209: Environmental Studies	-
B. Tech (V sem)	52.	U18MH501: Universal Human Values - II	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	53.	U18EC502A: Artificial Intelligence and Machine Learning with Python	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	54.	U18EC502B: Pervasive Computing	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	55.	U18EC502C: Electronic Measurements and Instrumentation	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	56.	U18EC502M: MOOC Course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	57.	U18EC503: Communication Systems	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	58.	U18EC504: Antennas and Wave Propagation	U14EC501: Antennas and Wave Propagation	-
	59.	U18EC505: Linear Integrated Circuits and Applications	U14EC405: Linear Integrated Circuits	-
	60.	U18EC506: Microprocessors and Microcontrollers	U14EC504: Microprocessors and Microcontrollers	-
	61.	U18EC507: Communication Systems Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18EC507: Communication Systems Laboratory during regular semester/inter-semester break/summer break, as decided by the department concerned</i>
	62.	U18EC508: IC Applications Laboratory	U14EC408: Linear Integrated Circuits Laboratory	-
	63.	U18EC509: Microprocessors and Microcontrollers Laboratory	U14EC508: Microprocessors and Microcontrollers Laboratory	-
	64.	U18EC510: Seminar	U14EC509: Seminar	-
B. Tech	65.	U18TP601: Quantitative Aptitude and	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC</i>

(VI sem)		Logical Reasoning		<i>course / attend parallel classes by the department concerned, if the course is offered</i>
	66.	U18MH602: Management Economics and Accountancy	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	67.	U18EC603A: Industrial Internet of Things	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	68.	U18EC603B: Wireless Sensor Networks	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	69.	U18EC603C: Biomedical Instrumentation	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	70.	U18EC603M: MOOC Course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	71.	U18EC604: Digital Signal Processing and Applications	U14EC502: Digital Signal Processing	-
	72.	U18EC605: VLSI Circuits and Systems	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	73.	U18EE611: Control Systems	U14EE610: Linear Control Systems	
	74.	U18EC606: Embedded Systems with ARM Processor and Applications	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	75.	U18EC607: Embedded Systems and Applications Laboratory	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	76.	U18EC608: Digital Signal Processing Laboratory	U14EC506: Digital Signal Processing Laboratory	-
	77.	U18EC610:Mini Project	U14EC609:Mini Project	-

Re-admission into VII SEMESTER under URR-18
THE LIST OF EQUIVALENT COURSES ENDS HERE

F. For URR-14 Students readmitted into VIII SEMESTER under URR-18

EQUIVALENT COURSES under URR-18 SCHEME Programme: B.Tech ELECTRONICS AND COMMUNICATION ENGINEERING				
Seme-ster	S. No.	COURSES under URR-18 scheme	EQUIVALENT Courses in URR-14 scheme	Remarks
B. Tech (I sem)	1.	U18MH101 Engineering Mathematics – I	U14MH101:Engineering Mathematics-I	-
	2.	U18CS102:Programming for Problem Solving using C	U14CS102:Programming in C	-
	3.	U18CH103:Engineering Chemistry	U14CH103:Engineering Chemistry	-
	4.	U18ME104: Engineering Drawing	U14ME104: Engineering Graphics	-
	5.	U18CE105: Engineering Mechanics	U14CE106:Basic Engineering Mechanics	-
	6.	U18CS107:Programming for Problem Solving using C Laboratory	U14CS107:Programming in "C" Laboratory	-
	7.	U18CH108:Engineering Chemistry Laboratory	U14CH108:Engineering Chemistry Laboratory	-
	8.	U18CH109: Environmental Studies	U14CH109: Environmental Studies	-
	9.	U18EA110:EAA: Sports / Yoga / NSS	U14EA110:EAA: Physical Education & NSS	-
	10.	U18EA111: Universal Human Values-I (Induction Program)	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18EA111: Universal Human Values-I / attend parallel classes by the department concerned, if the course is offered</i>
B. Tech (II sem)	11.	U18MH201:Engineering Mathematics – II	U14MH201:Engineering Mathematics-II	-
	12.	U18CS202:Data Structures Through C	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18CS202:Data Structures through C / attend parallel classes by the department concerned, if the course is offered</i>
	13.	U18PH203:Engineering Physics	U14PH203:Engineering Physics	-
	14.	U18MH204: English for Communication	U14MH204: English for Communication	-
	15.	U18EE205: Basic Electrical Engineering	U14EE105: Basic Electrical Engineering	-
	16.	U18EE206: Basic Electrical Engineering Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS206:Basic Electrical Engineering Laboratory during regular semester/inter-semester break/ summer</i>

				<i>break, as decided by the department concerned</i>
	17.	U18CS207:Data Structures Through C Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18CS207:Data Structures Through C Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	18.	U18PH208:Engineering Physics Laboratory	U14PH208:Engineering Physics Laboratory	-
	19.	U18ME209:Workshop Practice	U18ME209: Engineering Workshop Practice	-
	20.	U18EA210:EAA: Sports / Yoga / NSS	U14EA210:EAA: Physical Education & NSS	-
B. Tech (III sem)	21.	U18MH301:Engineering Mathematics-III	U14MH301:Engineering Mathematics - III	-
	22.	U18TP302: Soft and Interpersonal Skills	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18TP302: Soft and Interpersonal Skills / attend parallel classes by the department concerned, if the course is offered</i>
	23.	U18OE303A: Object Oriented Programming	U14CS202: Object Oriented Programming	-
	24.	U18OE303B: Fluid Mechanics & Hydraulic Machines	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303B: Fluid Mechanics & Hydraulic Machines / attend parallel classes by the department concerned, if the course is offered</i>
	25.	U18OE303C: Fundamentals of Mechatronics	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303C: Fundamentals of Mechatronics / attend parallel classes by the department concerned, if the course is offered</i>
	26.	U18OE303D: Web Programming	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303D: Web Programming / attend parallel classes by the department concerned, if the course is offered</i>
	27.	U18OE303F: Strength of Materials	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC on U18OE303F: Strength of Materials / attend parallel classes by the department concerned, if the course is offered</i>
	28.	U18EC304: Signals & Systems	U14EC304: Signals & Systems	-

	29.	U18EC305: Analog Circuits – I	U14EI205: Basic Electronics Engineering	-
	30.	U18EC306: Switching Theory & Logic Design	U14EC302: Switching Theory & Logic Design	-
	31.	U18EE312: Network Analysis	U14EE310: Network Analysis and Synthesis	-
	32.	U18EC308: Analog Circuits - I Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
	33.	U18OE311A: Object Oriented Programming Lab	U14CS207: Object Oriented Programming Lab	-
	34.	U18OE311B: Fluid Mechanics and Hydraulic Machines Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	35.	U18OE311C: Mechatronics Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	36.	U18OE311D: Web Programming Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
	37.	U18OE311F: Strength of Materials Lab	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned</i>
B. Tech (IV sem)	38.	U18OE401A:Applicable Mathematics	U14MH401:Engineering Mathematics - IV	-
	39.	U18OE401C: Elements of Mech. Engg.	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	40.	U18OE401E: Computers Networks	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	41.	U18OE401F: Renewable Energy Resources	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	42.	U18MH402: Professional English	U14MH309: Compliance with current English	-
	43.	U18EC403: Electro Magnetic Waves and Transmission Lines	U14EC306: Electro Magnetic Waves and Transmission Lines	-
	44.	U18EC404: Analog Circuits – II	U14EC304: Electronic Circuits	-
	45.	U18EC405: Pulse and Digital Circuits	U14EC402: Pulse and Digital Circuits	-
	46.	U18EC406: Probability and Random Processes	U14EC403: Probability and Random Processes	-

	47.	U18EC407: Digital Design	U14EC404: Digital Design	-
	48.	U18MH415: Essence of Indian Traditional Knowledge	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	49.	U18EC408: Analog Circuits - II Laboratory	U14EC308: Electronics Devices and Circuits Laboratory	-
	50.	U18EC409: Pulse and Digital Circuits Laboratory	U14EC406: Pulse and Digital Circuits Laboratory	-
	51.	U18CH416: Environmental Studies	U14CH209: Environmental Studies	-
B. Tech (V sem)	52.	U18MH501: Universal Human Values - II	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	53.	U18EC502A: Artificial Intelligence and Machine Learning with Python	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	54.	U18EC502B: Pervasive Computing	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	55.	U18EC502C: Electronic Measurements and Instrumentation	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	56.	U18EC502M: MOOC Course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	57.	U18EC503: Communication Systems	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	58.	U18EC504: Antennas and Wave Propagation	U14EC501: Antennas and Wave Propagation	-
	59.	U18EC505: Linear Integrated Circuits and Applications	U14EC405: Linear Integrated Circuits	-
	60.	U18EC506: Microprocessors and Microcontrollers	U14EC504: Microprocessors and Microcontrollers	-
	61.	U18EC507: Communication Systems Laboratory	<i>No equivalent course</i>	<i>The candidate has to attend Parallel lab classes on U18EC507: Communication</i>

				<i>Systems Laboratory during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
	62.	U18EC508: IC Applications Laboratory	U14EC408: Linear Integrated Circuits Laboratory	-
	63.	U18EC509: Microprocessors and Microcontrollers Laboratory	U14EC508: Microprocessors and Microcontrollers Laboratory	-
	64.	U18EC510: Seminar	U14EC509: Seminar	-
B. Tech (VI sem)	65.	U18TP601: Quantitative Aptitude and Logical Reasoning	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	66.	U18MH602: Management Economics and Accountancy	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	67.	U18EC603A: Industrial Internet of Things	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	68.	U18EC603B: Wireless Sensor Networks	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	69.	U18EC603C: Biomedical Instrumentation	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	70.	U18EC603M: MOOC Course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	71.	U18EC604: Digital Signal Processing and Applications	U14EC502: Digital Signal Processing	-
	72.	U18EC605: VLSI Circuits and Systems	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	73.	U18EE611: Control Systems	U14EE610: Linear Control Systems	-
	74.	U18EC606: Embedded Systems with ARM Processor and Applications	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by</i>

				<i>the department concerned, if the course is offered</i>
	75.	U18EC607: Embedded Systems and Applications Laboratory	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	76.	U18EC608: Digital Signal Processing Laboratory	U14EC506: Digital Signal Processing Laboratory	-
	77.	U18EC610:Mini Project	U14EC609:Mini Project	-
B. Tech (VII sem)	78.	U18OE701A: Disaster Management	U14OE601A: Disaster Management	-
	79.	U18OE701B: Project Management	U14OE601B: Project Management	-
	80.	U18OE701C: Professional Ethics in Engineering	U14OE601C: Professional Ethics in Engineering	-
	81.	U18OE701D: Rural Technology and Community Development	U14OE601D: Rural Technology and Community Development	-
	82.	U18EC702A: Data Science and Applications	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	83.	U18EC702B: Embedded Systems with RTOS and Applications	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	84.	U18EC702C: Microwave and Optical Fiber Communication	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	85.	U18EC702M: MOOC course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	86.	U18EC703A: Electronic System Design and Manufacturing	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	87.	U18EC703B: VLSI Physical Design	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
	88.	U18EC703C: Digital Image Processing	U14EC606A: Digital Image Processing	-
	89.	U18EC703M: MOOC course	<i>No equivalent course</i>	<i>The candidate has to do an equivalent MOOC course / attend parallel classes by</i>

				<i>the department concerned, if the course is offered</i>
90.	U18EC704: Wireless Communication and Networks	<i>No equivalent course</i>		<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
91.	U18EC705: Wireless Communication and Applications Lab	<i>No equivalent course</i>		<i>The candidate has to do an equivalent MOOC course / attend parallel classes by the department concerned, if the course is offered</i>
92.	U18EC706: VLSI Lab	U14EC706: ECAD Laboratory		-
93.	U18EC707: Major Project Phase - I	U14EC711: Major Project Phase - I		-
94.	U18EC708: Internship Evaluation	<i>No equivalent course</i>		<i>The candidate has to attend Parallel lab classes on U18EC708: Internship Evaluation during regular semester/inter-semester break/ summer break, as decided by the department concerned</i>
<p><u>Re-admission into VIII SEMESTER under URR-18</u> THE LIST OF EQUIVALENT COURSES ENDS HERE</p>				

For the courses prescribed in the previous semesters (*other than the semester in which the student took re-admission*) of URR-18 scheme, where the student had no provision for such courses under URR-14 scheme, the student has to earn credits on SWAYAM-NPTEL MOOCs on his own. However, based on the request from re-admitted students, the dept. will also run parallel classes for such courses.

These equivalent courses are approved by the internal members of the BoS in ELECTRONICS AND COMMUNICATION ENGINEERING and subsequently will be placed for due approval by external BoS members in the next scheduled meeting of BoS in ELECTRONICS AND COMMUNICATION ENGINEERING.

S. No.	Name & Designation of Internal BoS member	Signature of BoS member
1.	Dr. B. Rama Devi <i>Prof. & Head, Dept. of ECE, KITS, Warangal</i>	Sd/-
2.	Dr. K. Ashoka Reddy <i>Prof. of ECE, KITS, Warangal</i>	Sd/-
3.	Dr. G.Raghotham Reddy <i>Prof. of ECE, KITS, Warangal</i>	Sd/-
4.	Smt. S.P.Girija <i>Assoc. Prof. of ECE, KITS, Warangal</i>	Sd/-
5.	Sri E.Suresh <i>Assoc. Prof. of ECE, KITS, Warangal</i>	Sd/-
6.	Smt. A.Vijaya <i>Assoc. Prof. of ECE, KITS, Warangal</i>	Sd/-
7.	Dr.M.Raju <i>Assoc. Prof. of ECE, KITS, Warangal</i>	Sd/-
8.	Dr.V.Venkateshwar Reddy <i>Assoc. Prof. of ECE, KITS, Warangal</i>	Sd/-

Sd/-
Head, Dept. of ECE

Submitted to the Principal

Copy to

- 1) *The Dean, Academic Affairs*
- 2) *The faculty-in-charge Web Team, with a request to post in department webpages*