



# OFFICE OF THE DIRECTOR ACADEMICS

## RAJASTHAN TECHNICAL UNIVERSITY

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### Equivalence of courses in Old & New Scheme for B.Tech. (Electronics Instrumentation & Control Engineering)

Subjects/Courses in Old Scheme		Equivalent Subject/Courses in New Scheme	
Code	Name	Code	Name
3EI1	Mathematics-III	3EI6A	Advanced Engineering Mathematics-I
3EI2	Electronic Devices & Circuits	3EC1A	Electronic Devices & Circuits
3EI3	Circuit Analysis & synthesis	3EI4A	Circuit Analysis & synthesis
3EI4	Electrical Measurements	-	No equivalence
3EI5	Electrical Technology	-	No equivalence
3EI6	Data Structures & Algorithms	3EI2A	Data Structures & Algorithms
4EI1	Control System I	4EI2A	Control System I
4EI2	Analog Electronics	4EI1A	Analog Electronics
4EI3	Digital Electronics	-	No equivalence
4EI4	Transducers in Instrumentation	4EI4A	Sensors and Transducers
4EI5	Analog Communication	4EI5A	Analog Communication
4EI6.1	Object Oriented Programming	-	No equivalence
4EI6.2	Electromagnetic Field Theory	-	No equivalence
4EI6.3	Mathematics -IV	-	No equivalence
5EI1	Signals & Systems	5EI1A	Signals And Systems
5EI2	Linear Integrated Circuits	5EI2A	Linear Integrated Circuits
5EI3	Modern Control System	-	No Equivalence
5EI4	Electronic Measurement & Instrumentation	5EI4A	Electronic Measurement & Instrumentation
5EI5	Microprocessor	5EI5A	Microprocessors
5EI6.1	Optimization Techniques	5EI6.1A	Optimization Techniques
5EI6.2	Computer Oriented Numerical & Statistical Methods	-	No Equivalence
5EI6.3	Digital Communication	5EI6.3A	Digital Communication
6EI1	Process Control Systems	-	No equivalence
6EI2	Analytical & Environmental Instrumentation	-	No equivalence
6EI3	Industrial Electronics	-	No equivalence
6EI4	Biomedical Instrumentation	6EI4A	Biomedical Instrumentation
6EI5	Microcontroller & Embedded System	6EI5A	Microcontroller & Embedded System
6EI6	Elective (any one of the following)	6EI6A	Elective (any one of the following)
6EI6.1	Computer Architecture	-	No equivalence
6EI6.2	Robotics	-	No equivalence
6EI6.3	Random Variables and Stochastic Processes	-	No equivalence

Director Academics