



University School of Automation and Robotics
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
 East Delhi Campus, Surajmal Vihar
 Delhi - 110092

Third Semester					
Group	Code	Paper	L	T/P	Credits
Theory Papers					
BS	BS 201	Linear Algebra and Numerical methods	4	-	4
PC	ARI 203	Artificial Intelligence and Its Applications	4	-	4
PC	ARI 205	Computer Networks	3	-	3
PC	ARI 207	Analog Electronics	4	-	4
PC	ARI 209	Mechatronic Systems and Applications	4	-	4
HS/MS	HSAR 211*	Engineering Economics	2	-	2
Practical / Viva Voce					
PC	ARI 251	Artificial Intelligence Lab	-	2	1
PC	ARI 253	Electronics Lab	-	2	1
PC	ARI 255	Mechatronic Systems and Applications Lab	-	2	1
PC	ARI 257	Computer Networks Lab	-	2	1
Total					25

* (NUES): Non-University Exam Subject, Comprehensive evaluation by the concerned teacher, out of 100, as per detailed syllabus.

Fourth Semester					
Group	Code	Paper	L	T/P	Credits
Theory Papers					
PC	ARI 202	Internet of Things	3	-	3
PC	ARI 204	Data Structures	4	-	4
PC	ARA 206	Fundamentals of Automation	4	-	4
PC	ARI 208	Control Systems	4	-	4
PC	ARI 210	Switching Theory and Logic Design	4	-	4
PC	ARI 212	Optimization Techniques	4	-	4
HS/MS	MSAR 214*	Accountancy for Engineers	2	-	2
Practical / Viva Voce					
PC	ARI 252	IoT Lab	-	2	1
PC	ARI 254	Data Structures Lab	-	2	1
PC	ARI 256	OOPS With Java Lab	-	2	1
PC	ARI 258	Industrial Automation and Drives Lab	-	2	1
Total					29

* (NUES): Non-University Exam Subject, Comprehensive evaluation by the concerned teacher, out of 100, as per detailed syllabus.