Fifth Semester					
Group	**Code**	**Paper**	**L**	**T/P**	**Credits**
Theory Papers					
HS/MS	HSAR 301*	Elements of Indian History for Engineers	2	-	2
HS/MS	MSAR 303*	Entrepreneurship Mindset	2	-	2
PC	ARI 305	Data Analytics	4	-	4
PC	ARI 307	Principles of Communication Systems	4	-	4
PC	ARI 309	Software Engineering	4	-	4
PCE	As per PCE List	Program Core Elective-Select one from given list. **(PCE-1)**	4	-	4
OAE	AROxxx	Elective from other schools or emerging areas/ Elective offered by the School in other branches **(OAE-1).**	3	-	3
Practical / Viva Voce					
PC	ARI 351	Data Analytics Lab	-	2	1
PC	ARI 353	Principles of Communication Systems Lab (Matlab/Labview)	-	2	1
PC	ART 355**	Summer Training (after 4th semester) Report	-	2	1
MC	ART357#	NSS / NCC / Cultural clubs / Technical Society /Technical club#	-	4	2
Total					**28**

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

(NUES): *Comprehensive evaluation of the students by the concerned coordinator of NCC / NSS / Cultural Clubs / Technical Society / Technical Clubs, out of 100 as per the evaluation schemes worked out by these activity societies, organizations; the coordinators shall be responsible for the evaluation of the same. These activities shall start from the 1st semester and the evaluation shall be conducted at the end of the 5th semester. The detailed document containing the policy for the award of Marks to be prepared by APC*

(NUES): *Comprehensive evaluation by a committee of teachers, constituted by the Academic Programme Committee (APC), out of 100. The training shall be of 4 to 6 weeks duration. The training can be under the mentorship of a teacher of the school.*