

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA II SEMESTER (COMMON FOR ALL ENGINEERING BRANCHES)
SEMESTER SCHEME, SESSION 2020-2021 & ONWARDS

Subject Category	Subject Code.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
			Hours per week				End Semester Exam				Internal Assessment				
			L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
BS	2001	Mathematics-II	3	2	0	5	60	3	--	--	20	20	--	100	5
BS	2002	Applied Physics-II	3	1	0	4	60	3	--	--	20	20	--	100	4
ES	2003	Introduction to IT Systems	3	0	0	3	60	3	--	--	40	--	--	100	3
ES	2004	Fundamentals of Electrical & Electronics Engineering	2	2	0	4	60	3	--	--	20	20	--	100	4
ES	2005	Engineering Mechanics	3	1	0	4	60	3	--	--	20	20	--	100	4
BS	2006	Applied Physics-II Lab	0	0	2	2	--	--	40	3	--	--	60	100	1
ES	2007	Introduction to IT Systems Lab	0	0	4	4	--	--	40	3	--	--	60	100	2
ES	2008	Fundamentals of Electrical & Electronics Engineering Lab	0	0	4	4	--	--	40	3	--	--	60	100	2
ES	2009	Engineering Mechanics Lab	0	0	2	2	--	--	40	3	--	--	60	100	1
AU	**2010	Environmental Sciences	2	0	0	2	--	--	--	--	--	--	--	--	0
VS	2011	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities*	--	--	1	1	--	--	--	--	--	--	--	--	--
		Total	16	6	14	36	300	--	160		120	80	240	1000	28
Grand Total :														1000	28

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|--|---|
| 1. L : Lecture | 5. PR : Marks for End Semester Exam for Practical |
| 2. T : Tutorial | 6. CT : Marks for class tests (Internal Assessment) |
| 3. P : Practical | 7. TU : Marks for tutorials (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

BS: Basic Science, HS: Humanities Science, ES: Engineering Science AU: Audit Course VS: Value Studies

Anandam (Joy of Giving): In addition to the practical of one hour every week, students will have to do activities at home and college after college hours.

*** Student Centered Activities include** 1. Expert lectures/ practice sessions on technical topics of common interest 2. Personality development 3. Human values 4. Industrial visits 5. Art of living 6. Environmental issues 7. Quiz programs 8. Interview techniques 9. Greening and cleaning of campus etc.

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

****2010 Environmental Sciences** is an Audit Course so will not be considered for Credit / CGPA.

NOTE: Students will go for one month (24 Working Days) Summer Internship in the Summer Vacations after Second Semester. The Assessment of the Summer Internship will be done in Third Semester.