

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (ARCHITECTURE ENGINEERING)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
AR 201	History of Architecture – I	2	2/2	--	3	70	3	--	--	30	50	--	150
AR 202	Mechanics of Structures	2	2	--	4	70	3	--	--	30	50	--	150
AR 203	Graphical Presentation - I	1	--	2	3	70	3	--	--	30	--	50	150
AR 204	Architecture Design – I	--	--	4	4	--	--	50	3	--	--	100	150
AR 205	C. A .D. in Architecture - I	--	--	4	4	--	--	50	3	--	--	100	150
AR 206	Building Materials	2	2/2	--	3	70	3	--	--	30	50	--	150
AR 207	Theory of Design	2	2/2	--	3	70	3	--	--	30	50	--	150
AR 208	Surveying and Levelling	2	--	3	5	70	3	50	3	30	--	50	200
AR 209	Building Construction - I	1	--	2	3	70	3	--	--	30	--	50	150
AR 210	Town planning & Landscaping	2	2	--	4	70	3	--	--	30	50	--	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	14	7	15	36	560		250		240	250	350	1650
Grand Total :													1650

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|--|--|
| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year CIVIL (CONSTRUCTION) ENGINEERING
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*CC 201	Strength of Materials	2	2/2	2/2	4	70	3	50	3	30	25	25	200
CC 202	Field Survey	2	--	4	6	70	3	50	3	30	--	50	200
*CC 203	Building Technology	2	2/2	--	3	70	3	--	--	30	50	--	150
CC 204	Construction Management – I	2	2/2	--	3	70	3	--	--	30	50	--	150
*CC 205	Transportation Engineering	2	2/2	2/2	4	70	3	--	--	30	25	25	150
*CC 206	Soil & Foundation Engineering	2	--	2	4	70	3	50	3	30	--	50	200
*CC 207	Concrete Technology	2	--	2	4	70	3	50	3	30	--	50	200
CC 208	Public Health Engineering	2	--	2/2	3	70	3	--	--	30	--	50	150
*CC 209	Construction Materials & Equipments	2	--	2/2	3	70	3	--	--	30	--	50	150
*CC 210	Computer Aided Drawing	--	--	2	2	--	--	50	3	--	--	100	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	18	4	14	36	630		350		270	150	400	1800

Grand Total : 1800

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*CC 201 same as CE/MA/ME/MP 201

*CC203/205/206/207/209/210 same as CE 203/205/206/207/209 /210

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (CIVIL ENGINEERING)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*CE 201	Strength of Materials	2	2/2	2/2	4	70	3	50	3	30	25	25	200
CE 202	Fluid Mechanics	2	2/2	2/2	4	70	3	--	--	30	25	25	150
*CE 203	Building Technology	2	2/2	--	3	70	3	--	--	30	50	--	150
CE 204	Surveying- I	2	--	4	6	70	3	50	3	30	--	50	200
*CE 205	Transportation Engineering	2	2/2	2/2	4	70	3	--	--	30	25	25	150
*CE 206	Soil & Foundation Engineering	2	--	2	4	70	3	50	3	30	--	50	200
*CE 207	Concrete Technology	2	--	2	4	70	3	50	3	30	--	50	200
CE 208	Building Drawing	--	--	2	2	--	--	50	3	--	--	100	150
*CE 209	Construction Materials & Equipments	2	--	2/2	3	70	3	--	--	30	--	50	150
*CE 210	Computer Aided Drawing	--	--	2	2	--	--	50	3	--	--	100	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	16	4	16	36	560		400		240	125	475	1800

Grand Total : 1800

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*CE 201 Same as CC/MA/ME/MP 201

*CE 203/205/206/207/209/210 Same as CC 203/205/206/207/209 /210

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (CHEMICAL ENGINEERING)
SCHEME SESSION: 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*CH 201	Heat Transfer	2	--	2	4	70	3	50	3	30	--	50	200
*CH 202	Mass Transfer	2	--	2	4	70	3	50	3	30	--	50	200
CH 203	Chemical Process Calculations	2	2/2	--	3	70	3	--	--	30	50	--	150
CH 204	Transport Phenomena	2	2/2	--	3	70	3	--	--	30	50	--	150
CH 205	Applied Chemistry	2	--	2	4	70	3	--	--	30	--	50	150
CH 206	Chemical Reaction Engg	2	2/2	--	3	70	3	--	--	30	50	--	150
CH 207	Fluid Mechanics	2	--	2	4	70	3	--	--	30	--	50	150
CH 208	Mechanical Operations	2	--	2	4	70	3	50	3	30	--	50	200
CH 209	General chemical Technology	2	2/2	--	3	70	3	--	--	30	50	--	150
*CH 210	C-Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	20	04	12	36	700		250		300	200	300	1750
Grand Total :													1750

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

* CH 201/ 202 Same as PL 201 / 202

* CH 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (COMPUTER ENGINEERING)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
CS 201	Programming and Problem Solving Through 'C'	2	--	3	5	70	3	50	3	30	--	50	200
*CS 202	Computer System Architecture	2	2/2	--	3	70	3	--	--	30	50	--	150
*CS 203	Operating System Principles	2	2/2	--	3	70	3	--	--	30	50	--	150
CS 204	Basics of Electronic Devices and Circuits	2	2/2	--	3	70	3	--	--	30	50	--	150
* CS 205	Basics of Digital Electronics	2	--	2	4	70	3	--	--	30	--	50	150
*CS 206	Data Communication	2	2/2	--	3	70	3	--	--	30	50	--	150
*CS 207	Data Base Management System	2	2/2	--	3	70	3	--	--	30	50	--	150
CS 208	Microprocessor and Interfacing	2	--	2	4	70	3	--	--	30	--	50	150
*CS 209	Internet and Web Technologies	2	--	2	4	70	3	50	3	30	--	50	200
CS 210	PC Maintenance and Trouble Shooting	2	--	2	4	70	3	50	3	30	--	50	200
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	20	5	11	36	700		250		300	250	250	1750

Grand Total :

1750

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*CS 202/ 203/ 205/ 206/ 207/ 209 Same as IT 202/ 203/ 205/ 206/ 207/ 209

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (ELECTRICAL ENGINEERING)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration								Total Marks
		Hours per week				Board's Exam.				Sessionals				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
EE 201	Basic Electronics	2	--	2/2	3	70	3	--	--	30	--	50	150	
EE 202	Basic Mechanical Engineering	2	--	2/2	3	70	3	--	--	30	--	50	150	
EE 203	Basic Electrical Engineering	2	--	2	4	70	3	50	3	30	--	50	200	
EE 204	Electrical Measurement & Instrumentation	2	--	2	4	70	3	50	3	30	--	50	200	
EE 205	Electrical Circuit Theory	2	2/2	--	3	70	3	--	--	30	50	--	150	
EE 206	Electrical Machines – I	2	2/2	2	5	70	3	50	3	30	25	25	200	
EE 207	Power System – I	2	2/2	--	3	70	3	--	--	30	50	--	150	
EE 208	Microprocessor & C-Programming	2	--	2	4	70	3	--	--	30	--	50	150	
EE 209	Electrical Workshop	2	--	2	4	70	3	50	3	30	--	50	200	
EE 210	Entrepreneurship & Management	2	2/2	--	3	70	3	--	--	30	50	--	150	
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100	
	Total	20	4	12	36	700		300		300	175	325	1800	

Grand Total : 1800

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (ELECTRONICS (FIBER) ENGINEERING)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*EF 201	Electronic Components & Shop Practice	2	--	2	4	70	3	50	3	30	--	50	200
*EF 202	Circuit Analysis	2	2/2	--	3	70	3	--	--	30	50	--	150
*EF 203	Electronic Measurement & Instrumentation	2	--	2	4	70	3	--	--	30	--	50	150
*EF 204	Electronic Devices & Circuits	2	--	2	4	70	3	50	3	30	--	50	200
*EF 205	Digital Electronics	2	--	2	4	70	3	50	3	30	--	50	200
*EF 206	Wave Propagation & Communication Engg.	2	--	2/2	3	70	3	--	--	30	--	50	150
*EF 207	Microprocessor	2	--	2	4	70	3	--	--	30	--	50	150
*EF 208	Audio & Video System	2	--	2/2	3	70	3	--	--	30	--	50	150
*EF 209	Electronic Instruments	2	--	2/2	3	70	3	--	--	30	--	50	150
*EF 210	C-Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	20	1	15	36	700		250		300	50	450	1750
Grand Total :												1750	

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*EF 201/ 202/ 203/ 204 / 205 / 206/ 207/ 208/ 209 Same as EL 201/ 202/ 203/ 204 / 205 / 206/ 207/ 208/ 209

*EF 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (ELECTRONICS ENGINEERING)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*EL 201	Electronic Components & Shop Practice	2	--	2	4	70	3	50	3	30	--	50	200
*EL 202	Circuit Analysis	2	2/2	--	3	70	3	--	--	30	50	--	150
*EL 203	Electronic Measurement & Instrumentation	2	--	2	4	70	3	--	--	30	--	50	150
*EL 204	Electronic Devices & Circuits	2	--	2	4	70	3	50	3	30	--	50	200
*EL 205	Digital Electronics	2	--	2	4	70	3	50	3	30	--	50	200
*EL 206	Wave Propagation & Communication Engg.	2	--	2/2	3	70	3	--	--	30	--	50	150
*EL 207	Microprocessor	2	--	2	4	70	3	--	--	30	--	50	150
*EL 208	Audio & Video System	2	--	2/2	3	70	3	--	--	30	--	50	150
*EL 209	Electronic Instruments	2	--	2/2	3	70	3	--	--	30	--	50	150
*EL 210	C-Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	20	1	15	36	700		250		300	50	450	1750
Grand Total :													1750

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*EL 201/ 202/ 203/ 204 / 205 / 206/ 207/ 208/ 209 Same as EF 201/ 202/ 203/ 204 / 205 / 206/ 207/ 208/ 209

*EL 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (INSTRUMENTATION ENGINEERING)
SCHEME SESSION 2011 -2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
IE 201	Electronic Instruments	2	--	2	4	70	3	--	--	30		50	150
IE 202	Electrical Engineering and Measurements	2	--	2/2	3	70	3	--	--	30	--	50	150
IE 203	Network Analysis	2	1	--	3	70	3	--	--	30	50	--	150
IE 204	Digital Electronics	2	--	2	4	70	3	50	3	30		50	200
IE 205	Electronic Devices and Circuits	2	--	2	4	70	3	50	3	30		50	200
IE 206	Industrial Instrumentation	3	--	2/2	4	70	3	50	3	30		50	200
IE 207	Transducers & Telemetry	2	--	2	4	70	3	50	3	30		50	200
IE 208	Control System Components	2	--	2/2	3	70	3	--	--	30		50	150
IE 209	Analytical & Environmental Instrumentation	2	--	2/2	3	70	3	--	--	30		50	150
*IE 210	'C' programming	2	--	2	4	70	3	--	--	30		50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	21	1	14	36	700		300		300	50	450	1800
Grand Total :													1800

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*IE 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (INFORMATION TECHNOLOGY)
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration								Total Marks
		Hours per week				Board's Exam.				Sessionals				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
IT 201	Introduction to ICT Resources	2	--	2	4	70	3	--	--	30	--	50	150	
*IT 202	Computer System Architecture	2	2/2	--	3	70	3	--	--	30	50	--	150	
*IT 203	Operating System Principles	2	2/2	--	3	70	3	--	--	30	50	--	150	
IT 204	Programming in C & Data Structure	2	--	3	5	70	3	50	3	30	--	50	200	
*IT 205	Basics of Digital Electronics	2	--	2	4	70	3	--	--	30	--	50	150	
*IT 206	Data Communication	2	2/2	--	3	70	3	--	--	30	50	--	150	
*IT 207	Data Base Management System	2	2/2	--	3	70	3	--	--	30	50	--	150	
IT 208	E-Commerce	2	2/2	--	3	70	3	--	--	30	50	--	150	
*IT 209	Internet and Web Technologies	2	--	2	4	70	3	50	3	30	--	50	200	
IT 210	Office Productivity Tools	--	--	4	4	--	--	50	3	--	--	100	150	
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100	
	Total	18	5	13	36	630		250		270	250	300	1700	

Grand Total : 1700

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*IT 202/ 203/ 205/ 206/ 207/ 209 Same as CS 202/ 203/ 205/ 206/ 207/ 209

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year MECHANICAL (AUTOMOBILE) ENGINEERING
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*MA 201	Strength of Materials	2	2/2	2/2	4	70	3	50	3	30	25	25	200
*M A202	Fluid Mechanics & Machines	2	2/2	2/2	4	70	3	--	--	30	25	25	150
*MA 203	Engg. Materials and Processes	2	--	2/2	3	70	3	--	--	30	--	50	150
*MA204	Theory Of Machines	2	2/2	--	3	70	3	--	--	30	50	--	150
*MA205	Machine Drawing and Computer Aided Drafting	--	--	4	4	--	--	50	3	--	--	100	150
*MA 206	Basic Automobile Engg.	2	--	2/2	3	70	3	--	--	30	--	50	150
*MA 207	Electrical & Electronics Engg.	2	--	2/2	3	70	3	--	--	30	--	50	150
*MA 208	Thermodynamics & I.C. Engines	2	--	2/2	3	70	3	--	--	30	--	50	150
*MA 209	Workshop Technology & Metrology	2	--	3	5	70	3	50	3	30	--	50	200
*MA 210	C Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	18	3	15	36	630		250		270	100	450	1700
Grand Total :													1700

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*MA 201 same as CC/CE/ME/MP 201

*MA202/203/204/205/206/207/208/209 same as ME 202/203/204/205/206/207/208/209

* MA 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year MECHANICAL ENGINEERING
ANNUAL SCHEME SESSION 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
*ME 201	Strength of Materials	2	2/2	2/2	4	70	3	50	3	30	25	25	200
*ME202	Fluid Mechanics & Machines	2	2/2	2/2	4	70	3	--	--	30	25	25	150
*ME203	Engg. Materials and Processes	2	--	2/2	3	70	3	--	--	30	--	50	150
*ME204	Theory Of Machines	2	2/2	--	3	70	3	--	--	30	50	--	150
*ME205	Machine Drawing and Computer Aided Drafting	--	--	4	4	--	--	50	3	--	--	100	150
*ME 206	Basic Automobile Engg.	2	--	2/2	3	70	3	--	--	30	--	50	150
*ME 207	Electrical & Electronics Engg.	2	--	2/2	3	70	3	--	--	30	--	50	150
*ME 208	Thermodynamics & I.C. Engines	2	--	2/2	3	70	3	--	--	30	--	50	150
*ME 209	Workshop Technology & Metrology	2	--	3	5	70	3	50	3	30	--	50	200
*ME 210	C Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training							100					100
	Total	18	3	15	36	630		250		270	100	450	1700
Grand Total :													1700

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*ME 201 same as CC/CE/MA/MP 201

*ME202/203/204/205/206/207/208/209 same as MA 202/203/204/205/206/207/208/209

* ME 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year MECHANICAL(PRODUCTION) ENGINEERING)
SCHEME SESSION 2011 -2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration								Total Marks
		Hours per week				Board's Exam.				Sessionals				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
*MP 201	Strength of Materials	2	2/2	2/2	4	70	3	50	3	30	25	25	200	
MP 202	Production Technology-I	2	--	2	4	70	3	50	3	30	--	50	200	
MP 203	Manufacturing Process	2	--	2	4	70	3	--	--	30	--	50	150	
*MP 204	Thermal Engineering	2	--	2	4	70	3	--	--	30	--	50	150	
MP 205	Machine Drawing-I	--	--	3	3	--	--	50	3	--	--	100	150	
MP 206	Heat Treatment and Material Science	1	2/2	--	2	70	3	--	--	30	50	--	150	
MP 207	Metrology	2	--	2	4	70	3	--	--	30	--	50	150	
MP 208	Industrial Electrical and Electronics	2	--	2	4	70	3	--	--	30	--	50	150	
MP 209	Industrial Hydraulics	1	--	2	3	70	3	--	--	30	--	50	150	
*MP 210	C- Programming	2	--	2	4	70	3	--	--	30	--	50	150	
	Industrial Training							100	--	--	--		100	
	Total	16	2	18	36	630		250		270	75	475	1700	
Grand Total :													1700	

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*MP 201 Same as CC/CE/MA/ME201

*MP 204 Same as MR 204

* MP 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year MECHANICAL (R.A.C) ENGINEERING
SCHEME SESSION 2011 -2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
MR201	Basic Refrigeration	2	--	2	4	70	3	50	3	30	--	50	200
MR202	Basic Air Conditioning	2	--	2	4	70	3	50	3	30	--	50	200
MR203	Heat Transfer	2	2/2	--	3	70	3	--	--	30	50	--	150
* MR204	Thermal Engineering	2	--	2	4	70	3	--	--	30	--	50	150
MR205	R.A.C. Drawing	--	--	3	3	--	--	50	3	--	--	100	150
MR206	Electrical Engineering	2	--	2	4	70	3	--	--	30	--	50	150
MR207	Fluid Engineering	2	--	2	4	70	3	--	--	30	--	50	150
MR208	Maintenance & Safety Engineering	1	--	2	3	70	3	--	--	30	--	50	150
MR209	Entrepreneurship Development	2	2/2	--	3	70	3	--	--	30	50	--	150
* MR210	C- Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	17	2	17	36	630		250		270	100	450	1700
Grand Total :													1700

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

* MR204 same as MP204

* MR 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (PLASTIC TECHNOLOGY)
SCHEME SESSION: 2011-2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration								Total Marks
		Hours per week				Board's Exam.				Sessionals				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
*PL 201	Heat Transfer	2	--	2	4	70	3	50	3	30	--	50	200	
*PL 202	Mass Transfer	2	--	2	4	70	3	50	3	30	--	50	200	
PL 203	Polymer Technology	2	2/2	--	3	70	3	--	--	30	50	--	150	
PL 204	Additives and Compounding of Plastics	2	2/2	--	3	70	3	--	--	30	50	--	150	
PL 205	Polymerisation Engineering	2	--	2	4	70	3	--	--	30	--	50	150	
PL 206	Fibre Technology	2	2/2	--	3	70	3	--	--	30	50	--	150	
PL 207	High Polymer Chemistry	2	2/2	--	3	70	3	--	--	30	50	--	150	
PL 208	Testing of Polymers	2	--	2	4	70	3	50	3	30	--	50	200	
PL 209	Plastic Processing - I	2	--	2	4	70	3	50	3	30	--	50	200	
*PL 210	C-Programming	2	--	2	4	70	3	--	--	30	--	50	150	
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100	
	Total	20	04	12	36	700		300		300	200	300	1800	
Grand Total :												1800		

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*PL 201/ 202 Same as CH 201 / 202

*PL 210 same in all branches except AR/CC/CE/CS/ EE /IT

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year (PRINTING TECHNOLOGY)
SCHEME SESSION 2011 -2012 & ONWARDS

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
PR 201	Fundamentals of Printing	1	2/2	--	2	70	3	--	--	30	50	--	150
PR 202	Printing Design	2	2/2	--	3	70	3	--	--	30	50	--	150
PR 203	Printing Processes	1	--	3	4	70	3	50	3	30	--	50	200
PR 204	Letter Assembly	2	--	3	5	70	3	--	--	30	--	50	150
PR 205	Letter Press Machining	2	--	3	5	70	3	-	--	30	--	50	150
PR 206	Reproduction Photography & Techniques-I	2	--	3	5	70	3	50	3	30	--	50	200
PR 207	Photo Engraving & Plate Making	1	--	2	3	70	3	--	--	30	--	50	150
PR 208	Converting Operation & Packaging	1	2/2	--	2	70	3	--	--	30	50	--	150
PR 209	News Paper Technology	2	2/2	--	3	70	3	--	--	30	50	--	150
*PR 210	C- Programming	2	--	2	4	70	3	--	--	30	--	50	150
	Practical Training	--	--	--	--	--	--	100	--	--	--	--	100
	Total	16	4	16	36	700		200		300	200	300	1700
Grand Total :													1700

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| 1. L : Lecture | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial | 6. CT : Marks for Class Tests |
| 3. P : Practical | 7. TU : Marks for Tutorials |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva |

*PR 210 same in all branches except AR/CC/CE/CS/ EE /IT