

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
(SEMESTER SCHEME-2020-21)
FOR DIPLOMA **III SEMESTER (ARCHITECTURE)**
SESSION 2021-2022 & 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/Assi.	PR(S)		
PC	AR 3001	History of Architecture - I	2	1	--	3	60	3	--	--	20	20	--	100	3
PC	AR 3002	Theory of Design	2	1	--	3	60	3	--	--	20	20	--	100	3
PC	AR 3003	Building Construction - I	1	2	--	3	60	3	--	--	20	20	-	100	3
PC	AR 3004	Building Materials	1	1	--	2	60	3	--	--	20	20	--	100	2
PC	AR 3005	Surveying & Levelling	1	--	--	1	60	3	--	--	20	20	--	100	1
PC	AR 3006	Architecture Design – I Lab	--	--	4	4	--	--	40	6	--	--	60	100	2
PC	AR 3007	Graphical Presentation- I Lab	--	--	4	4	--	--	40	3	--	--	60	100	2
PC	AR 3008	Surveying & Levelling- Lab	--	--	4	4	--	--	40	3	--	--	60	100	2
SI	AR 3009	Summer Internship – I (4 weeks after II Sem.)	--	--	--	--	--	--	100	--	--	--	--	100	2
VS	+AR 3333	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities	0	0	3	3	--	--	--	--	--	--	--	--	--
		Total	7	5	16	28	300	--	220	--	100	100	280	1000	22
Grand Total :														1000	22

1. L : Lecture

2. T : Tutorial

3. P : Practical

4. TH : Marks for End Semester Exam for Theory

5. PR : Marks for End Semester Exam for Practical

6. CT : Marks for class tests (Internal Assessment)

7. TU/Assi : Marks for tutorials/Assignment (Internal Assessment)

8. PR(S) : Marks for practical and viva (Internal Assessment)

⁺AR 3333 is same in all branches of Engineering

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

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
(SEMESTER SCHEME-2020-21)
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA IV SEMESTER (ARCHITECTURE) (AR)
SESSION 2021-2022 & 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/Assi.	PR(S)		
PC	AR 4001	History of Architecture – II	2	1	--	3	60	3	--	--	20	20	--	100	3
PC	AR 4002	Estimating & specifications	2	2	--	4	60	3	--	--	20	20	--	100	4
PC	AR 4003	Building construction – II	1	2	--	3	60	3	--	--	20	20	--	100	3
PE	AR 4004	Programme Elective-I AR 40041- Mechanics of Structures AR 40042- Climatology	3	--	--	3	60	3	--	--	20	20	--	100	3
PC	AR 4005	C.A.D in Architecture- Lab	--	--	4	4	--	--	40	3	--	--	60	100	2
PC	AR 4006	Architecture Design – II Lab	--	--	4	4	--	--	40	6	--	--	60	100	2
PC	AR 4007	Graphical presentation- II Lab	--	--	4	4	--	--	40	3	--	--	60	100	2
PR	AR 4008	Minor Project	--	--	4	4	--	--	40	3	--	--	60	100	2
AU	+AR 4222	Essence of Indian Knowledge and Tradition	2	--	--	2	--	--	--	--	--	--	--	--	--
VS	+AR 4444	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities	0	0	3	3	--	--	--	--	--	--	--	--	--
		Total	10	05	20	35	240	--	160	--	80	80	340	900	23
Grand Total :														900	23

1. L : Lecture

2. T : Tutorial

3. P : Practical

4. TH : Marks for End Semester Exam for Theory

5. PR : Marks for End Semester Exam for Practical

6. CT : Marks for class tests (Internal Assessment)

7. TU/Assi : Marks for tutorials/Assignment (Internal Assessment)

8. PR(S) : Marks for practical and viva (Internal Assessment)

⁺AR 4222 and ⁺AR 4444 are same in all branches of Engineering

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

Students will go for 6 Weeks Summer Internship in the Summer Vacations after Fourth Semester. The assessment of the Summer Internship will be done in Fifth Semester

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(SEMESTER SCHEME-2020-21)
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA V SEMESTER (ARCHITECTURE) (AR)
SESSION 2022-2023 & ONWARDS

Subject Category	Code No.	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/Assi.	PR(S)		
PC	AR 5001	Building Services & drawing	2	1	--	3	60	3	--	--	20	20	--	100	3
PC	AR 5002	Building bye laws & Municipal drawings	2	1	--	3	60	3	--	--	20	20	--	100	3
OE	+AR 5100	Open Elective-I +AR 51001- Economic Policies in India +AR 51002- Engineering Economics & Accountancy	3	--	--	3	60	3	--	--	20	20	--	100	3
PC	AR 5003	Building construction - III	1	2	--	3	60	3	--	--	20	20	--	100	3
PE	AR 5004	Programme Elective-II **AR 50041- Green Building and Energy Conservation *AR 50042- Advanced Construction Technology	3	--	--	3	60	3	--	--	20	20	--	100	3
PE	AR 5005	Programme Elective-III AR 50051- Structural Drawing & Detailing AR 50052- Town Planning & Landscape Design	3	--	--	3	60	3	--	--	20	20	--	100	3
PC	AR 5006	Architecture Design – III Lab	--	--	4	4	--	--	40	6	--	--	60	100	2
SI	AR 5007	Summer Internship – II(6 weeks after IV em)	--	--	--	--	--	--	100	--	--	--	--	100	3
PR	AR 5008	Major Project	--	--	2	2	--	--	--	--	--	--	--	--	--
VS	+AR 5555	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities	0	0	3	3	--	--	--	--	--	--	--	--	--
		Total	14	04	10	28	360		140		100	100	160	900	25
Grand Total :														900	25

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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/Assi : Marks for tutorials/Assignment (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

⁺AR 51001, ⁺AR 51002 and ⁺AR 5555 are same in all branches of Engineering , ^{*}AR 50042 is same as ^{*}CE 50042 and ^{**}AR 50041 is same as CC/CE 50041

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

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(SEMESTER SCHEME-2020-21)
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA VI SEMESTER (ARCHITECTURE) (AR)
SESSION 2022-2023 & ONWARDS

Subject Category	Code No.	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/Assi	PR(S)		
PE	AR 6001	Programme Elective-IV AR 60011 - Electrical, HVAC, Fire Safety and Building Automation AR 60012 - Construction Project Management	3	--	--	3	60	3	--	--	20	20	--	100	3
HS	+AR 6111	Entrepreneurship and Start-ups	3	1	--	4	60	3	--	--	20	20	--	100	4
OE	+AR 6200	Open Elective-II +AR 62001- Project Management +AR 62002- Renewable Energy Technologies	3	--	--	3	60	3	--	--	20	20	--	100	3
OE	+AR 6300	Open Elective-III +AR 63001- Product Design +AR 63002- Disaster Management	3	--	--	3	60	3	--	--	20	20	--	100	3
AU	+AR 6333	Indian Constitution	2	--	--	2	--	--	--	--	--	--	--	--	--
PC	AR 6002	Working drawing & detailing Lab	--	--	4	4	--	--	40	3	--	--	60	100	2
PC	AR 6003	Architecture Design - IV Lab	--	--	4	4	--	--	40	6	--	--	60	100	2
PR	AR 6004	Major Project	--	--	6	6	--	--	40	--	--	--	60	100	4
SE	AR 6005	Seminar	1	--	--	1	--	--	--	--	--	--	100	100	1
VS	+AR 6666	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities	0	0	3	3	--	--	--	--	--	--	--	--	--
		Total	15	01	18	34	240	--	120	--	80	80	380	900	24
Grand Total :														900	24

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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/Assi : Marks for tutorials/Assignment (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

⁺AR 6111, ⁺AR 62001, ⁺AR 62002, ⁺AR 63001, ⁺AR 63002, ⁺AR 6333 and ⁺AR 6666 are same in all branches of Engineering

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