



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – I

Scheme of Studies:

Session-2022

S.No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Humanities	2016111 (046)	Communication Skills	2	-	1	3
2	Architecture	2016112 (016)	Visual Art	1	-	-	1
3	Architecture	2016113 (016)	Graphics	1	-	-	1
4	Computer Science and Engineering	2016114 (022)	Computer Fundamentals & Applications	2	-	-	2
5	Applied Science	2016115 (014)	Mathematics-I	2	-	1	3
6	Architecture	2016121 (016)	Visual Art (Lab)	-	5	-	2.5
7	Architecture	2016122 (016)	Graphics (Lab)	-	5	-	2.5
8	Architecture	2016123 (016)	Architectural Workshop	-	4	-	2
9	Computer Science and Engineering	2016124 (022)	Computer Fundamentals & Applications (Lab)	-	4	-	2
10	Humanities	2016125 (046)	Seminar & Technical Presentation (Listening, Reading & Speaking) Skills	-	2	-	1
11	-	-	Library	-	2	-	-
12	-	-	Co-curricular & Academic Activity Societies	-	2	-	-
Total				08	24	02	20

L- Lecture,

T- Tutorial,

P- Practical,

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e. Lecture and others.)

Practical (P)→ Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL).



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – I

Scheme of Examination:

Session-2022

S.No.	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Humanities	2016111 (046)	Communication Skills	70	20	30	-	-	120
2	Architecture	2016112 (016)	Visual Art	70	20	30	-	-	120
3	Architecture	2016113 (016)	Graphics	70	20	30	-	-	120
4	Computer Science and Engineering	2016114 (022)	Computer Fundamentals & Applications	70	20	30	-	-	120
5	Applied Science	2016115 (014)	Mathematics-I	70	20	30	-	-	120
6	Architecture	2016121 (016)	Visual Art (Lab)	-	-	-	30	60	90
7	Architecture	2016122 (016)	Graphics (Lab)	-	-	-	30	60	90
8	Architecture	2016123 (016)	Architectural Workshop	-	-	-	30	60	90
9	Computer Science and Engineering	2016124 (022)	Computer Fundamentals & Applications (Lab)	-	-	-	30	50	80
10	Humanities	2016125 (046)	Seminar & Technical Presentation (Listening, Reading & Speaking) Skills	-	-	-	-	50	50
Total				350	100	150	120	280	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment

Note: - i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% weightage of total respectively.

ii. TA in Practical includes performance of PRA, PDA and Viva-voce with weightage of 50%, 40% and 10% weightage of total respectively.

iii. 85% attendance is essential in theory & Practical classes to appear in examination.

Legend: - PRA: Process Assessment, PDA: Product Assessment.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – II

Session-2022

Scheme of Studies:

S.No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Architecture	2016211 (016)	Building Design Fundamental	1	-	1	2
2	Architecture	2016212 (016)	Perspective and Sciography	1	-	1	2
3	Architecture	2016213 (016)	History of Architecture	1	-	1	2
4	Architecture	2016214 (016)	Principles of Architecture	2	-	1	3
5	Applied Science	2016215 (014)	Mathematics-II	2	-	1	3
6	Architecture	2016221 (016)	Building Design Fundamental (Lab)	-	4	-	2
7	Architecture	2016222 (016)	Perspective and Sciography (Lab)	-	4	-	2
8	Architecture	2016223 (016)	History of Architecture (Lab)	-	2	-	1
9	Architecture	2016224 (016)	Computer Aided Design-2D (Lab)	-	4	-	2
10	Humanities	2016225 (046)	Seminar & Technical Presentation (Personality Development & Leadership) Skills	-	2	-	1
11	-	-	Library	-	2	-	-
12	-	-	Co-curricular & Academic Activity Societies	-	2	-	-
Total				07	20	05	20

L- Lecture,

T- Tutorial,

P- Practical,

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e. Lecture and others.)

Practical (P)→ Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL).



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA) Semester – II

Scheme of Examination:

Session-2022

S. No.	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Architecture	2016211 (016)	Building Design Fundamental	70	20	30	-	-	120
2	Architecture	2016212 (016)	Perspective and Sciography	70	20	30	-	-	120
3	Architecture	2016213 (016)	History of Architecture	70	20	30	-	-	120
4	Architecture	2016214 (016)	Principles of Architecture	70	20	30	-	-	120
5	Applied Science	2016215 (014)	Mathematics-II	70	20	30	-	-	120
6	Architecture	2016221 (016)	Building Design Fundamental (Lab)	-	-	-	30	50	80
7	Architecture	2016222 (016)	Perspective and Sciography (Lab)	-	-	-	30	50	80
8	Architecture	2016223 (016)	History of Architecture (Lab)	-	-	-	30	50	80
9	Architecture	2016224 (016)	Computer Aided Design-2D (Lab)	-	-	-	50	50	100
10	Humanities	2016225 (046)	Seminar & Technical Presentation (Personality Development & Leadership) Skills	-	-	-	-	60	60
Total				350	100	150	140	260	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment

Note: - i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% weightage of total respectively.

ii. TA in Practical includes performance of PRA, PDA and Viva-voce with weightage of 50%, 40% and 10% weightage of total respectively.

iii. 85% attendance is essential in theory & Practical classes to appear in examination.

Legend: - PRA: Process Assessment, PDA: Product Assessment.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – III

Scheme of Studies:

Session-2022

S. No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Architecture	2016311 (016)	Architectural Design-Residential	2	-	1	3
2	Architecture	2016312 (016)	Building Construction-I	1	-	1	2
3	Civil Engineering	2016313 (020)	Environmental Engineering and Sustainable Development	2	-	1	0 ^{##} (Audit Course)
4	Architecture	2016314 (016)	Site Surveying and Measurements	2	-	1	3
5	Architecture	2016315 (014)	Building Material	3	-	1	4
6	Architecture	2016321 (016)	Internship Presentation (Arch)-I (Lab) [#]	-	-	-	2 ^{##}
7	Architecture	2016322 (016)	Architectural Design-Residential (Lab)	-	4	-	2
8	Architecture	2016323 (016)	Building Construction-I (Lab)	-	4	-	2
9	Architecture	2016324 (016)	Site Surveying and Measurements (Lab)	-	2	-	1
10	Architecture	2016325 (016)	Architecture Appreciation (Lab)	-	2	-	1
11	Humanities	-	Health, Hygiene and Yoga	-	2	-	-
12	-	-	Library	-	2	-	-
Total				10	16	05	20

L- Lecture,

T- Tutorial,

P- Practical,

[#] Internship Presentation (Arch)-I Lab (3-4 Weeks) after 2nd semester (Summer Internship). The evaluation will be done in 3rd semester.

^{##} As per MODEL CURRICULUM FOR DIPLOMA COURSES IN ENGINEERING & TECHNOLOGY 2019 of AICTE.

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e. Lecture and others).

Practical (P)→ Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL).



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – III

Scheme of Examination:

Session-2022

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Architecture	2016311 (016)	Architectural Design-Residential	70*	20	30	-	-	120
2	Architecture	2016312 (016)	Building Construction-I	70**	20	30	-	-	120
3	Civil Engineering	2016313 (020)	Environmental Engineering and Sustainable Development	70	20	30	-	-	120
4	Architecture	2016314 (016)	Site Surveying and Measurements	70	20	30	-	-	120
5	Architecture	2016315 (014)	Building Material	70	20	30	-	-	120
6	Architecture	2016321 (016)	Internship Presentation (Arch)-I (Lab)	-	-	-	30	50	80
7	Architecture	2016322 (016)	Architectural Design-Residential (Lab)	-	-	-	30	50	80
8	Architecture	2016323 (016)	Building Construction-I (Lab)	-	-	-	30	50	80
9	Architecture	2016324 (016)	Site Surveying and Measurements (Lab)	-	-	-	30	50	80
10	Architecture	2016325 (016)	Architecture Appreciation (Lab)	-	-	-	30	50	80
Total				350	100	150	150	250	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment

***Examination Hour – 6 Hour, **Examination Hour – 4 Hour**

Note: - i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% weightage of total respectively.

ii. TA in Practical includes performance of PRA, PDA and Viva-voce with weightage of 50%, 40% and 10% weightage of total respectively.

iii. 85% attendance is essential in theory & Practical classes to appear in examination.

Legend: - PRA: Process Assessment, PDA: Product Assessment.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – IV

Scheme of Studies:

Session-2022

S. No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Architecture	2016411(016)	Architectural Design-Commercial	1	-	1	2
2	Architecture	2016412(016)	Building Construction-II	1	-	1	2
3	Mechanical	2016413(016)	Entrepreneurship Development and Management	2	-	1	3
4	Architecture	2016414(016)	Working Drawing-I	1	-	1	2
5	Architecture	2016415(016)	Applied Mechanics & Structure	2	-	1	3
6	Architecture	2016421(016)	Computer Aided Design-3D (Lab)	-	4	-	2
7	Architecture	2016422(016)	Architectural Design-Commercial (Lab)	-	4	-	2
8	Architecture	2016423(016)	Building Construction-II (Lab)	-	3	-	1.5
9	Architecture	2016424(016)	Working Drawing-I (Lab)	-	3	-	1.5
10	Architecture	2016425(016)	Digital Graphics & Art (Lab)	-	2	-	1
11	-	-	Indian Constitution	2	-	-	-
12	-	-	Library	-	2	-	-
13	Humanities	-	Physical and Mental Fitness	-	2	-	-
Total				09	20	05	20

L- Lecture,

T- Tutorial,

P- Practical

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e. Lecture and others.)

Practical (P)→ Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL).



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – IV

Scheme of Examination:

Session-2022

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Architecture	2016411(016)	Architectural Design-Commercial	70*	20	30	-	-	120
2	Architecture	2016412(016)	Building Construction-II	70**	20	30	-	-	120
3	Mechanical	2016413(016)	Entrepreneurship Development and Management	70	20	30	-	-	120
4	Architecture	2016414(016)	Working Drawing-I	70**	20	30	-	-	120
5	Architecture	2016415(016)	Applied Mechanics & Structure	70	20	30	-	-	120
6	Architecture	2016421(016)	Computer Aided Design-3D (Lab)	-	-	-	30	50	80
7	Architecture	2016422(016)	Architectural Design-Commercial (Lab)	-	-	-	30	50	80
8	Architecture	2016423(016)	Building Construction-II (Lab)	-	-	-	30	50	80
9	Architecture	2016424(016)	Working Drawing-I (Lab)	-	-	-	30	50	80
10	Architecture	2016425(016)	Digital Graphics & Art (Lab)	-	-	-	30	50	80
Total				350	100	150	150	250	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment

*Examination Hour – 6 Hour, **Examination Hour – 4 Hour

Note: - i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% weightage of total respectively.

ii. TA in Practical includes performance of PRA, PDA and Viva-voce with weightage of 50%, 40% and 10% weightage of total respectively.

iii. 85% attendance is essential in theory & Practical classes to appear in examination.

Legend: - PRA: Process Assessment, PDA: Product Assessment.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – V

Scheme of Studies:

Session-2022

S.No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Architecture	2016511(016)	Architectural Design–Public	1	-	1	2
2	Architecture	2016512(016)	Building Construction–III	1	-	1	2
3	Architecture	2016513(016)	Building Services	2	-	1	3
4	Architecture	2016514(016)	Working Drawing–II	1	-	1	2
5	Architecture	Elective – I (Any One)		1	-	1	2
		2016581(016)	Site Planning				
		2016582(016)	Vernacular Architecture				
6	Architecture	2016521(016)	Internship Presentation (Arch.)–II (Lab) [#]	-	-	-	2 ^{##}
7	Architecture	2016522(016)	Architectural Design–Public (Lab)	-	4	-	2
8	Architecture	2016523(016)	Building Construction–III (Lab)	-	3	-	1.5
9	Architecture	2016524(016)	Working Drawing–II (Lab)	-	4	-	2
10	Architecture	Elective – I (Lab) (Any One)		-	3	-	1.5
		2016591(016)	Site Planning (Lab)				
		2016592(016)	Vernacular Architecture (Lab)				
11	Humanities	--	Library	-	2	-	-
12	Humanities	--	Essence of Indian Knowledge and Tradition	2	-	-	-
13	Architecture	--	Educational Tour	-	2	-	-
Total*				08	18	05	20

L- Lecture

T- Tutorial

P- Practical

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e. Lecture and others.)

Practical (P)→ Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL).

[#] Internship Presentation (Arch.)–II (3-4 Weeks) after IVth semester in summer vacation. The evaluation will be done in 5th sem.

^{##} As per MODEL CURRICULUM FOR DIPLOMA COURSES IN ENGINEERING & TECHNOLOGY 2019 of AICTE .

*Remaining five hours per week distribution

a. National Service Scheme.

b. Cultural activity, Sports & Games.

c. To complete the remaining course if any.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – V

Scheme of Examination:

Session-2022

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Architecture	2016511(016)	Architectural Design–Public	70*	20	30	-	-	120
2	Architecture	2016512(016)	Building Construction–III	70**	20	30	-	-	120
3	Architecture	2016513(016)	Building Services	70	20	30	-	-	120
4	Architecture	2016514(016)	Working Drawing–II	70**	20	30	-	-	120
5	Architecture	Elective – I (Any One)		70	20	30	-	-	120
		2016581(016)	Site Planning						
		2016582(016)	Vernacular Architecture						
6	Architecture	2016521(016)	Internship Presentation (Arch.)–II (Lab) [#]	-	-	-	30	50	80
7	Architecture	2016522(016)	Architectural Design–Public (Lab)	-	-	-	30	50	80
8	Architecture	2016523(016)	Building Construction–III (Lab)	-	-	-	30	50	80
9	Architecture	2016524(016)	Working Drawing–II (Lab)	-	-	-	30	50	80
10	Architecture	Elective – I (Lab) (Any One)		-	-	-	30	50	80
		2016591(016)	Site Planning (Lab)						
		2016592(016)	Vernacular Architecture (Lab)						
Total				350	100	150	150	250	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment

***Examination Hours: 6 hours,**

**** Examination Hours: 4 hours**

[#] Internship Presentation (Arch.)–II (3-4 Weeks) after IVth semester in summer vacation. The evaluation will be done in 5th sem.

- Note:** - i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% weightage of total respectively.
- ii. TA in Practical includes performance of PRA, PDA and Viva-voce with weightage of 50%, 40% and 10% weightage of total respectively.
- iii. 85% attendance is essential in theory & Practical classes to appear in examination.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – VI

Scheme of Studies:

Session-2022

S. No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Architecture	2016611(016)	Architectural Design–Project	1	-	1	2
2	Architecture	2016612(016)	Estimating and Costing (Arch.)	2	-	1	3
3	Architecture	2016613(016)	Specification of Work	2	-	1	3
4	Architecture	Elective – II (Any One)		1	-	1	2
		2016681(016)	Basic Interior Design				
		2016682(016)	Furniture Design				
5	Architecture	2016614(016)	Basic of Vaastu Shastra	1	-	1	2
6	Architecture	2016621(016)	Seminar on Architectural Design – Project (Lab)	-	2	-	1
7	Architecture	2016622(016)	Presentation and Model Making Techniques (Lab)	-	4	-	2
8	Architecture	2016623(016)	Architectural Design–Project (Lab)	-	4	-	2
9	Architecture	Elective – II (Lab) (Any One)		-	4	-	2
		2016691(016)	Basic Interior Design (Lab)				
		2016692(016)	Furniture Design (Lab)				
10	Architecture	2016624(016)	Basic of Vaastu Shastra (Lab)	-	2	-	1
11	Architecture	--	Indian Constitution	2	-	-	-
12	Humanities	--	Library	-	2	-	-
Total				09	18	05	20

L- Lecture,

T- Tutorial,

P- Practical,

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e. Lecture and others).

Practical (P)→ Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL).

*Remaining five hours per week distribution

a. National Service Scheme. b. Cultural activity, Sports & Games. c. To complete the remaining course if any.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Architecture (COA)

Semester – VI

Scheme of Examination:

Session-2022

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Architecture	2016611(016)	Architectural Design – Project	70*	20	30	-	-	120
2	Architecture	2016612(016)	Estimating and Costing (Arch.)	70	20	30	-	-	120
3	Architecture	2016613(016)	Specification of Work	70	20	30	-	-	120
4	Architecture	Elective – II (Any One)		70	20	30	-	-	120
		2016681(016)	Basic Interior Design						
		2016682(016)	Furniture Design						
5	Architecture	2016614(016)	Basic of Vaastu Shastra	70**	20	30	-	-	120
6	Architecture	2016621(016)	Seminar on Architectural Design – Project (Lab)	-	-	-	30	50	80
7	Architecture	2016622(016)	Presentation and Model Making Techniques (Lab)	-	-	-	30	50	80
8	Architecture	2016623(016)	Architectural Design– Project (Lab)	-	-	-	30	50	80
9	Architecture	Elective – II (Lab) (Any One)		-	-	-	30	50	80
		2016691(016)	Basic Interior Design (Lab)						
		2016692(016)	Furniture Design (Lab)						
10	Architecture	2016624(016)	Basic of Vaastu Shastra (Lab)	-	-	-	30	50	80
Total				350	100	150	150	250	1000

ESE: End of semester exam,

CT: Class Test,

TA: Teachers Assessment

*Examination Hours: 6 hours,

** Examination Hours: 4 hours

Note: - i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% weightage of total respectively.

ii. TA in Practical includes performance of PRA, PDA and Viva-voce with weightage of 50%, 40% and 10% weightage of total respectively.

iii. 85% attendance is essential in theory & Practical classes to appear in examination.

Legend: - PRA: Process Assessment, PDA: Product Assessment.