



# 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	-	-
<b>Total</b>				<b>08</b>	<b>24</b>	<b>02</b>	<b>20</b>

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
<b>Total</b>				<b>350</b>	<b>100</b>	<b>150</b>	<b>120</b>	<b>280</b>	<b>1000</b>

**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	-	-
<b>Total</b>				<b>07</b>	<b>20</b>	<b>05</b>	<b>20</b>

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
<b>Total</b>				<b>350</b>	<b>100</b>	<b>150</b>	<b>140</b>	<b>260</b>	<b>1000</b>

**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 <sup>#</sup> (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) <sup>#</sup>	-	-	-	2 <sup>##</sup>
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	-	-
<b>Total</b>				<b>10</b>	<b>16</b>	<b>05</b>	<b>20</b>

L- Lecture,

T- Tutorial,

P- Practical,

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

<sup>##</sup> 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
<b>Total</b>				<b>350</b>	<b>100</b>	<b>150</b>	<b>150</b>	<b>250</b>	<b>1000</b>

**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.

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# 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	-	-
<b>Total</b>				<b>09</b>	<b>20</b>	<b>05</b>	<b>20</b>

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).

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# Chhattisgarh Swami Vivekanand Technical University, Bhilai

## Diploma in Architecture (COA) Semester – IV

Session-2022

### Scheme of Examination:

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
<b>Total</b>				<b>350</b>	<b>100</b>	<b>150</b>	<b>150</b>	<b>250</b>	<b>1000</b>

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.

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