



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY

Courses of Study and Scheme of Examination of B. Arch. First Year
Common to all branches of Engineering except

FIRST SEMESTER

S.No	Board of Study	Subject Code	Subject	Periods Per Week			Scheme of Examination			Total Marks	Credit $\frac{L+T+P}{2}$
				L	T	P	Theory				
							ESE	CT	TA		
1	Architecture	316111(16)	Building Construction – I	3	0	0	80	20	75	175	3
2	Civil Engg.	316112(20)	Structure – I	3	2	0	80	20	20	120	4
3	Architecture	316113(16)	Graphics – I	3	0	0	80	20	75	175	3
4	Architecture	316114(16)	Building Materials – I	2	1	0	80	20	20	120	3
5	Humanities	300111(46)	Language (Professional Communication in English)	2	1	0	80	20	20	120	3
6	Architecture	316115(16)	Design-I	2	6	0	---	---	150	150	5
7	Architecture	316121(16)	Design-I (STUDIO)	0	0	2	50	---	---	50	1
8	Architecture	316122(16)	Building Construction – I (STUDIO)	0	0	4	25	---	---	25	2
9	Architecture	316123(16)	Graphics – I (STUDIO)	0	0	6	25	---	---	25	3
10	Architecture	316124(16)	Workshop	0	0	3	---	---	40	40	2
TOTAL				15	10	15	500	100	400	1000	29

L-Lecture, T-Tutorial, P-Practical, ESE – End Semester Exam, CT- Class Test, TA- Teacher's Assessment

Note: (i) The teaching in the 1st and 2nd semester will be divided in two groups consisting of various branches as shown below: P1-GROUP: Electronics & Communication, Information Technology, Electronics & Instrumentation, Electrical, Chemical, Electrical & Electronics; Q1-GROUP: Computer Science, Mechanical, Civil, Mining and Applied Electronics & Instrumentation, Metallurgy.

(ii) Applied Maths - I will be taught to both the groups.



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY

Courses of Study and Scheme of Examination of B. Arch. First Year
Common to all branches of Engineering except

SECOND SEMESTER

S.No	Board of Study	Subject Code	Subject	Periods Per Week			Scheme of Examination			Total Marks	Credit [L+[T+P]] 2
				L	T	P	Theory				
							ESE	CT	TA		
1	316211(16)	Arch.	Building Construction-II	3	-	-	80	20	75	175	3
2	316212(20)	Civil Engg.	Structure – II	3	2	-	80	20	20	120	4
3	316213(16)	Arch.	Graphics – II	3	-	-	80	20	75	175	3
4	316214(16)	Arch.	Building Materials – II	2	1	-	80	20	20	120	3
5	316215(16)	Arch.	History of Architecture I	2	2	-	80	20	20	120	3
6	316216(16)	Arch.	Design-II	2	6	-	-	-	150	150	5
7	316221(16)	Arch.	Design-II (STUDIO)	-	-	2	50	-	-	50	1
8	316222(16)	Arch.	Building Construction-II (STUDIO)	-	-	4	25	-	-	25	2
9	316223(16)	Arch.	Graphics – II (STUDIO)	-	-	5	25	-	-	25	3
10	316224(16)	Arch.	Computer Applications LAB	-	-	3	-	-	40	40	2
TOTAL				15	11	14	500	100	400	1000	29

L-Lecture, T-Tutorial, P-Practical, ESE – End Semester Exam, CT- Class Test, TA- Teacher's Assessment

Note: (i) The teaching in the 1st and 2nd semester will be divided in two groups consisting of various branches as shown below: P1-GROUP: Electronics & Communication, Information Technology, Electronics & Instrumentation, Electrical, Chemical, Electrical & Electronics; Q1-GROUP: Computer Science, Mechanical, Civil, Mining and Applied Electronics & Instrumentation, Metallurgy.

(ii) Applied Maths - I will be taught to both the groups.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Scheme of teaching and examination

B.E. III Semester Bachelor of Architecture (Five Year Degree Course)

S. No	Board of Study	Subject Code	Subject	Periods per week			Scheme of Exam			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory/ Pract.				
							ESE	CT	TA		
1	Architecture	316311 (16)	Building Construction -III	2	-	-	80	20	75	175	2
2	Civil Engg.	316312 (20)	Structure -III	3	2	-	80	20	20	120	4
3	Architecture	316313 (16)	Climatology	2	2	-	80	20	20	120	3
4	Architecture	316314 (16)	Building Materials-III	2	1	-	80	20	30	130	3
5	Architecture	316315 (16)	History of Architecture - II	2	2	-	80	20	30	130	3
6	Architecture	316316 (16)	Design - III	2	6	-	-	-	200	200	5
7	Architecture	316321 (16)	Design -III (Studio)	-	-	2	50	-	-	50	1
8	Architecture	316322 (16)	Building Construction - III (Studio)	-	-	3	25	-	-	25	2
9	Architecture	316323 (16)	Presentation Techniques	-	-	4	25	-	25	50	2
Total				13	13	09	500	100	400	1000	25

L-Lecture, T-Tutorial,
P-Practical, ESE- End sem. Exam, CT-Class Test,
TA- Teacher's Assessment,

Note: 1. ESE and TA (Both Theory and Practical) are required to be passed separately.

2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Scheme of teaching and examination

B.E. IV Semester Bachelor of Architecture (Five Year Degree Course)

S. No.	Board of Study	Subject Code	Subject	Periods per week			Scheme of Exam			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory/ Pract.				
							ESE	CT	TA		
1	Architecture	316411 (16)	Building Construction- IV	2	-	-	80	20	75	175	2
2	Civil Engg.	316412 (20)	Structure IV	3	2	-	80	20	25	125	4
3	Architecture	316413 (16)	Energy Efficient Architecture	2	2	-	80	20	25	125	3
4	Civil Engg.	316414 (20)	Site Survey	2	1	-	80	20	25	125	3
5	Architecture	316415 (16)	History of Architecture- III	2	2	-	80	20	25	125	3
6	Architecture	316416 (16)	Design – IV	3	5	-	-	-	200	200	6
7	Architecture	316421 (16)	Design- IV (Studio)	-	-	3	50	-	-	50	2
8	Architecture	316422 (16)	Building Construction – II (Studio)	-	-	3	25	-	-	25	2
9	Civil Engg.	316423 (20)	Site Survey (Field Practical)	-	-	3	25	-	-	25	2
9	Architecture	316424 (16)	Tour / BLDG. Appraisal	-	-	1	-	-	25	25	1
Total				14	12	10	500	100	400	1000	28

L-Lecture, T-Tutorial,
P-Practical, ESE- End sem. Exam, CT-Class Test ,
TA- Teacher's Assessment,

- Note:** 1. ESE and TA (Both Theory and Practical) are required to be passed separately.
2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

V SEMESTER B. Arch (Five Years Degree Course)

S. N.	Subject Code	Board Of Studies	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit [L+(T+P)/2]
				L	T	P	ESE	CT	TA		
01.	316511 (16)	Arch.	Building Construction -V	3	-	-	80	20	75	175	3
02.	316512 (20)	Civil Engg.	Structure- V	3	2	-	80	20	20	120	4
03.	316513 (16)	Arch.	Building Services –I (Water supply and Sanitation)	3	1	-	80	20	40	140	4
04.	316514 (16)	Arch.	Acoustics	2	1	-	80	20	20	120	3
05.	316515 (16)	Arch	Modern Architecture	2	1	-	80	20	20	120	3
06.	316516 (16)	Arch.	Design -V	2	6	-	---	---	150	150	5
07.	316521 (16)	Arch.	Design –V (Studio)	-	-	2	50	---	--	50	1
08.	316522 (16)	Arch,	Building Construction –V (Studio)	-	-	6	25	---	--	25	3
09.	316523 (16)	Arch.	Working Drawing –I (Studio)	-	-	6	25	---	75	100	3
TOTAL				15	11	14	500	100	400	1000	29

L- Lecture T- Tutorial P- Practical ESE- End Semester Exam TA- Teacher's Assessment

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

VI SEMESTER B. Arch (Five Years Degree Course)

S. N.	Subject Code	Board of Studies	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit [L+(T+P)/2]
				L	T	P	ESE	CT	TA		
01.	316611 (16)	Arch.	Building Construction-VI	3	0	0	80	20	75	175	3
02.	316612 (20)	Civil Engg.	Structure- VI	3	2	0	80	20	20	120	4
03.	316613 (24) +316613 (37)	Electrical Engg + Mech. Engg.	Building Services-II (Electrical and Mechanical)	4	0	0	80	20	40	140	4
04.	316614 (16)	Arch.	Landscape Architecture	1	1	0	80	20	20	120	2
05.	316615 (16)	Arch.	Interior Design	2	1	0	80	20	20	120	3
06.	316616 (16)	Arch.	Design –VI	2	6	0	---	---	150	150	5
07.	316621 (16)	Arch.	Design –VI (Studio)	0	0	2	50	---	---	50	1
08.	316622 (16)	Arch.	Building Construction-VI (Studio)	0	0	6	25	---	---	25	3
09.	316623 (16)	Arch.	Working Drawing-II (Studio)	0	0	7	25	---	75	100	4
TOTAL				15	10	14	500	100	500	1000	29

L-Lecture, **T**- Tutorials, **P**-Practical (i.e. Studio work),

ESE- End Semester Examination, (Minimum Passing Marks: Theory-35%, Practical-50%)

CT- Class Test

TA- Teachers' Assessment of the Sessional Assignments, (Minimum Pass Marks: Theory-60%, Practical- 50%)

Note: 1. ESE and TA (Both Theory and Practical) are required to be passed separately.

2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

VII SEMESTER B Arch (Five Years Degree Course)

S. N.	Subject Code	Board of Studies	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit [L+(T+P)/2]
				L	T	P	ESE	CT	TA		
01.	316711 (16)	Arch.	Building Construction -VII	3	0	0	80	20	75	175	3
02.	316712 (20)	Civil Engg.	Structure- VII	3	2	0	80	20	20	120	4
03.	316713 (16)	Arch.	Town Planning	3	1	0	80	20	40	140	4
04.	316714 (16)	Arch.	Professional Practice	2	1	0	80	20	20	120	3
05.	316715 (16)	Arch.	Estimation	2	1	0	80	20	20	120	3
06.	316716 (16)	Arch.	Design-VII	2	6	0	---	---	150	150	5
07.	316721 (16)	Arch.	Design-VII (Studio)	0	0	2	50	---	---	50	1
08.	316722 (16)	Arch.	Building Construction –VII (Studio)	0	0	6	25	---	---	25	3
09.	316723 (16)	Arch.	Architectural Documentation	0	0	6	25	---	75	100	3
TOTAL				15	11	14	500	100	400	1000	29

L- Lecture T- Tutorial P- Practical ESE- End Semester Exam TA- Teacher's Assessment

Note: 1. ESE and TA (Both Theory and Practical) are required to be passed separately.

2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

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SCHEME OF TEACHING AND EXAMINATION

VIII SEMESTER B Arch (Five Years Degree Course)

S. N.	Subject Code	Board of Studies	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit [L+(T+P)/2]
				L	T	P	ESE	CT	TA		
01.	316821 (16)	Arch.	Professional Training	0	0	42	500	---	500	1000	21
TOTAL				---	---	42	500	---	500	1000	21

L-Lecture, T- Tutorials, P-Practical (i.e. Studio work),

ESE- End Semester Examination, (Minimum Passing Marks: Theory-35%, Practical-50%)

CT- Class Test

TA- Teachers' Assessment of the Sessional Assignments, (Minimum Pass Marks: Theory-60%, Practical- 50%)

- Note:**
1. ESE and TA (Both Theory and Practical) are required to be passed separately.
 2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

IX SEMESTER B Arch (Five Years Degree Course)

NINTH SEMESTER

S. N.	Subject Code	Board of Studies	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit [L+(T+P)/2]
				L	T	P	ESE	CT	TA		
01.	316911 (16)	Arch.	Advanced Building Construction	3	0	0	80	20	75	175	3
02.	316912 (16)	Arch.	Building Economics and Sociology	3	2	0	80	20	30	130	4
03.	Refer Table - I		Elective-I	4	2	0	80	20	40	140	5
04.	Refer Table - II		Elective-II	3	1	0	80	20	30	130	4
05.	316913 (16)	Arch.	Design Project-IX	2	5	0	---	---	200	200	5
06.	316921 (16)	Arch.	Design Project –IX (Studio)	0	0	2	50	---	---	50	1
07.	316922 (16)	Arch.	Advanced Building Construction (Studio)	0	0	4	25	---	---	25	2
08.	316923 (16)	Arch.	Dissertation on Thesis (Studio)	0	0	5	100	---	---	100	3
09.	316924(16)	Arch	Elective-I (Studio)	0	0	4	50	---	---	50	2
TOTAL				15	10	15	545	80	375	1000	29

L-Lecture, T- Tutorials, P-Practical (i.e. Studio work),

ESE- End Semester Examination, (Minimum Passing Marks: Theory-35%, Practical-50%)

CT- Class Test

TA- Teachers' Assessment of the Sessional Assignments, (Minimum Pass Marks: Theory-60%, Practical- 50%)

Note: 1. ESE and TA (Both Theory and Practical) are required to be passed separately.

2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

Table - I			
Elective - I			
S.No.	Board of Study	Subject Code	Subject
1	Architecture	316931 (16)	Urban Design
2	Architecture	316932 (16)	Environmental Planning
3	Architecture	316933 (16)	Regional Planning
4	Architecture	316934 (16)	Housing

Table - II			
Elective - II			
S.No.	Board of Study	Subject Code	Subject
1	Architecture	316951 (16)	Intelligent Buildings
2	Architecture	316952 (16)	Industrialized Buildings
3	Architecture	316953 (16)	Low cost Buildings

Note : 3

These electives are related to post graduate courses and the students are offered the same with following conditions:

The department may run an elective or not depending upon the availability of expertise or for any other reason.

The students are required to opt for ANY ONE of them, but an elective will be run only when it is opted by minimum 10 students or 25% of the number of the students in the batch, whichever is less.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

X SEMESTER B Arch (Five Years Degree Course)

TENTH SEMESTER

S. N.	Subject Code	Board of Studies	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit [L+(T+P)/2]
				L	T	P	ESE	CT	TA		
01.	316011(16)	Arch.	Construction Management	4	0	0	80	20	25	125	4
02.	316012(16)	Arch.	Valuation	4	1	0	80	20	25	125	5
03.	Refer Table - III		Elective III	3	1	0	---	---	75	75	4
04.	316013 (16)	Arch.	Thesis Project	3	2	0	---	---	500	500	4
05	316021 (16)	Arch.	Thesis Project (Studio)	0	0	19	150	---	---	150	10
06.	316022(16)	Arch.	Elective III (Studio)	0	0	3	25	---	---	25	2
TOTAL				14	4	22	335	40	625	1000	29

L-Lecture, **T**- Tutorials, **P**-Practical (i.e. Studio work),

ESE- End Semester Examination, (Minimum Passing Marks: Theory -35%, Practical-50%)

CT- Class Test

TA- Teachers' Assessment of the Sessional Assignments, (Minimum Pass Marks: Theory -60%, Practical- 50%)

Note: 1. ESE and TA (Both Theory and Practical) are required to be passed separately.

2. For a the subjects having Practical (i.e. Studio work) will be divided in sections at the rate of maximum 15 students per teacher, though studio of all the sections will be held simultaneously in the same studio hall.

Table – III			
Elective - III			
S.NO.	Board of Study	Subject Code	Subject
1	Architecture	316071 (16)	Vastushastra
2	Architecture	316072 (16)	Eco. – Friendly Development
3	Architecture	316073 (16)	Architectural Conservation

Note : 3 These electives are related to contemporary trends in the field and the students are offered the same with following conditions:

The department may run an elective or not depending upon the availability of expertise or for any other reason.

The students are required to opt for ANY ONE of them, but an elective will be run only when it is opted by minimum 10 students or 25% of the number of the students in the batch, which ever is less.