

# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY

Established under Act No. 25 of 2004

## ORDINANCE NO: 15

(Under Section 38, 2 and 3)

### Ordinance for B. Arch. 5 year Degree Course

1.0 The first degree in Architecture of five-year (ten semesters) course, hereinafter called as 5-year Degree Course, shall be designated as BACHELOR OF ARCHITECTURE (B. Arch.); or BACHELOR OF ARCHITECTURE (B. Arch.) in respective branch, wherever distinctively mentioned.

1.1 This degree of B. Arch. Shall include the branches of Architecture prevalent in the university and of affiliated colleges.

1.2 The studies and examinations of these B. Arch. Courses shall be on the basis of percentage and credit system.

## 2.0 ADMISSIONS

The minimum qualification for admission to the first year B. Arch. Shall be as per '**Guidelines On Admission To 1<sup>st</sup> Year Of Full Time 5-Year Degree Course In Architecture (B. Arch.) (COA/DOC/01/2001/NOV/09)**' framed by Council of Architecture and as stated below:

2.1 (Clause 2.0) No candidate, with less than 50% in aggregate, shall be admitted to the Architecture course unless he/she has passed an examination at the end of the new 10+2 scheme of Senior School Certificate Examination or Equivalent with Mathematics and English as subjects of examinations at the 10+2 level, subject to an **Aptitude Test**.

2.2 (Clause No. 5.0) Competent authority (i.e. an authority designated by government or by law) alone shall conduct the Aptitude test in Architecture, as per the guidelines of C.O.A.

2.3 The eligible candidate as per above clauses 2.1 and 2.2 should secure a place in the state rank of Chhattisgarh in architectural Aptitude test of AIEEE (determined by totaling the marks obtained in Mathematics and Architectural Aptitude test of AIEEE) to get admission in Govt. Engineering College, Raipur, and/or against seats available in other affiliated colleges according to the directives of the Government of Chhattisgarh (60% of the intake).

2.4 The eligible candidate as per above clauses 2.1 and 2.2 should secure a place in the all India rank of Chhattisgarh in architectural Aptitude test of AIEEE (Determined by totaling the marks obtained in Mathematics and Architectural Aptitude test of AIEEE) to get admission against seats available in other affiliated colleges according to the directives of the Government of Chhattisgarh. (25% of the intake)

2.5 The eligible candidate as per above clauses 2.1 and 2.2 should secure a place in any architectural Aptitude test, conducted in adherence of guidelines of C.O.A., to get admission against seats available under management quota in other affiliated colleges according to the directives of the Government of Chhattisgarh. (15% of the intake)

2.6 Non-Resident Indian (NRI) candidates as well nominees of Government of India shall also be eligible for admission to B. Arch. Course according to the directives of the Government of Chhattisgarh and Govt. of India, provided they satisfy the requirements of clauses 2.1 and 2.2 above.

2.7 In general admission to B. Arch course shall be governed by the rules by Directorate of Technical Education or any other competent authority of State Government of Chhattisgarh in adherence to the guidelines of C.O.A.

2.8 No lateral admission at any level, as well no process of admission other than prescribed in the clauses above would be allowed.

### 3.0 EXAMINATION

- 3.1 There will be one university examination at the end of each semester. These examinations will be designated as follows:
- 3.2 The semester examination will generally be held in Nov.-Dec. and April-May in each year.
- 3.3 At the end of each semester there will be a full examination consisting of Theory papers and Practical examination in form of Viva-Voce examination conducted by one internal (i.e. a teacher from the college/institute) and one external examiners (i.e. an examiner from the professional field or other colleges/institutes) jointly for a batch of 20 students from each class. This examination will be based on the assignments given during the semester and/or any short duration assignment.
- 3.4 A candidate admitted in the B. Arch. Course will be promoted to the higher class in accordance with the following sub-rules:
- 3.4.1 A candidate will not be admitted to Fifth, Sixth, Seventh, Eighth, Ninth, and Tenth semester examinations unless he/she has passed in First, Second, Third, Fourth, Fifth, And Sixth semester full examination respectively. For promotion to higher classes this sequence shall be adhered to strictly.
- 3.4.2 Notwithstanding anything mentioned elsewhere, a student will not be allowed to appear in three consecutive end semester examinations.

### 4.0 PASSING EXAMINATIONS:

#### 4.1 BASIS FOR MARKS:

- 4.1.1 The performance of a candidate in each semester shall be evaluated subjectwise, as mentioned in the courses of study and scheme of examinations tables.
- 4.1.2 The subjects are classified in three categories (denoted as 1, 2, and 3 in the scheme of examination table) and the mode of their evaluation and respective minimum passing marks will be as follows:

Cat. No.	Nature of Category	Theory Examinations	Practical/Viva-Voce Examinations
1	Theoretical Subjects	CT, ESE, TA	-----
2	Theoretical and Practical Subjects	CT, ESE, TA	ESE
3	Practical Subjects	TA	ESE

<b>Theory:</b>	CT (Class Tests, 2 per semester)	: NIL
	ESE (End Semester Examination)	:35%
	TA (Teachers assessment of Studio Assignments given during the semester)	: 60%
<b>Practical:</b>	ESE (End Semester Examination Conducted jointly by an Internal and an external Examiners)	: 50%
<b>Aggregate</b>	Total of All the examinations above	: 50%

4.1.3 A candidate who secures above marks in each of the subjects separately would be declared PASSED in the total examinations. If he/she fails in any of the subjects in any aspect of examination above, he/she would be declared FAILED in total examination.

4.1.4 If a candidate has passed a semester examination in full, he/she will not be permitted to reappear in the same examination for improvement of division/marks or for any other

4.1.5 A candidate failing in TA (Theory) i.e. studio assignments during the semester in any subject will have to re-appear in the TA (Theory) examination of that particular subject only by resubmitting the assignments with corrections, improvisations, modifications, and/or complete repetition of the work assigned as per the instructions of the teacher/examiner.

4.1.6 A candidate failing in securing requisite pass marks in aggregate will be allowed to reappear in Theory and/or practical ESE of any one or two subjects of his/her choice.

#### 4.2 INTEGRATION:

Award of final marks for B. Arch. Degree shall be based on the integration of aggregate marks secured in all the semester examinations with following weightages of percentage as well as grade.

i	I and II Semester	50% of total aggregate marks.
ii	III and IV Semester	100% of total aggregate marks.
iii	V and VI Semester	100% of total aggregate marks.
iv	VII and VIII Semester	100% of total aggregate marks.
v	IX and X Semester	100% of total aggregate marks.

4.2.1 The result of a candidate who has appeared in the X semester examination but has not passed examination of any of the previous semesters, will be withheld till he/she passes all the semester examinations in the course.

### 4.3 MERIT LIST

- 4.3.1 Merit list of top 10 candidates in order of merit in the University shall be declared at the end of each semester in each branch from amongst the candidates who have passed in first attempt.
- 4.3.2 Branchwise final merit list shall be declared by the university only after the main examination of the tenth and final semester for B. Arch. Degree, on the basis of the final integrated total marks of all the five years. Only those candidates, who have secured first division and have passed all the semester examinations in first attempt, will be eligible for the merit list.

### 4.4 BASIC FOR CREDIT:

- 4.4.1 One period of contact in lecture (L) and two periods of contact in Tutorial (T) or Practical (P) will be equal to one credit. Thus,  $Credit = \{L + (T+P)/2\}$
- 4.4.2 A candidate shall earn all the credits allotted to a semester only when he/she passes the semester fully.

## 5.0 DURATION OF THE COURSE

- 5.1 "The Architecture course shall be of minimum duration of 5 academic years or 10 semesters of approximately 16 working weeks each inclusive of six months/one semester of approximately 16 working weeks of Practical training after the first stage in a professional office." (In accordance with Clause no.2. of Minimum standards of Architectural Education Regulations 1983 of Council of Architecture and published in Gazette of India, Part III Section 4, 26<sup>th</sup> March 1983 and 27<sup>th</sup> August 1983)
- 5.2 A candidate may provisionally continue his/her studies in higher semester class after the examinations of the semester, he/she will not become eligible for any aspect of the examinations, unless he/she fulfils the requirements of clause no. 3.4.1 after declaration of the results.

## 6.0 ATTENDANCE

- 6.1 Candidates appearing, as regular students for any semester examination are required to attend 85% of all the lectures and practical classes for all the subjects.
- 6.2 A shortfall of attendance up to 10% and a further that of 5% may be condoned by the Principal of the college and Vice-Chancellor of the University respectively for the satisfactory reasons.
- 6.3 6.3 A candidate failing to secure the requisite attendance in a semester, he/she shall be DETAINED in the semester and will be required to take re-admission in the same semester whenever the semester classes commence.

## 7.0 ASSESSMENT AND GRADING

**7.1 Mode of assessment and evaluation:** Continuous evaluation system will be followed with three components as Class test (CT), Teachers Assessment (TA), and End Semester Examination (ESE). The TA will be based on the Studio/tutorial and Home assignments during the semester. There will be two or three class tests in each subject in a semester, the result of which will be shown to the students along with test answer books under intimation to the university. However the ESE will be conducted by the college/Institute through the university. Weightings of CT, TA and ESE will be as given in the scheme of examinations.

**7.2 Grading System:** Percentage as well as absolute grading system will be followed. In every subject, a candidate will be awarded a letter grade based on one's combined performance of all the components e.g. TA, CT and ESE. These grades will be described by letters indicating a qualitative assessment of the candidate's performance through a number equivalent called "Grade Point" (GP) as given below. A course is completed successfully, or a credit is earned when letter grade C or better is obtained in the course.

Letter Grade (LG):	A+	A	B+	B	C+	C	F
Grade Point (GP):	10	9	8	7	6	5	0

Grades will be awarded for every subject taking into consideration marks obtained by all the students in a particular subject. This will be done on the basis of absolute grading system of the type described below:

**7.2 Absolute Grading System:** Absolute grading as given below will be adopted:

Grades	THEORY	PRACTICAL
A+	$85 \leq \text{Marks} \leq 100\%$ ,	$90 \leq \text{Marks} \leq 100\%$ ,
A	$75 \leq \text{Marks} < 85\%$ ,	$82 \leq \text{Marks} < 90\%$ ,
B+	$65 \leq \text{Marks} < 75\%$ ,	$74 \leq \text{Marks} < 82\%$ ,
B	$55 \leq \text{Marks} < 65\%$ ,	$66 \leq \text{Marks} < 74\%$ ,
C+	$45 \leq \text{Marks} < 55\%$ ,	$58 \leq \text{Marks} < 66\%$ ,
C	$35 \leq \text{Marks} < 45\%$ ,	$50 \leq \text{Marks} < 58\%$ ,
F	$0 \leq \text{Marks} < 35\%$ ,	$0 \leq \text{Marks} < 50\%$ ,

Thus the letter grades A+, A, B+, B, C+, C and F and the corresponding grade points will be available for each subject evaluated by the examiner.

**7.3 Fail Grade:** Additionally further categorization of F will be as follows:

- FF** F grade if failing in any theory (ESE and/or TA)/Practical/both subjects hence required to re-appear in respective subject.
- FI** Incomplete grade if failing to appear in ESE due to illness or so but otherwise satisfactory performance, hence eligible to secure in that subject.

- FS**      **Failing in Sessional Assignment (TA-Theory) Hence required re-submitting the assignments in next examination.**  
(No detention, not required to repeat the semester)
- FX**      Failing due to Short of Attendance Hence must repeat the semester.
- WW**      Results withheld due to various reasons.
- FA**      Failing due to aggregate marks being less than 50% of total marks, so eligible to appear in examination of one or two subjects (theory and/or practical) of one's choice.

#### 7.4 SEMESTER PERFORMANCE INDEX (SPI)

Performance of a student in *i*th semester is expressed by SPI which is a weighted average of course grade points obtained by a student in the semester and is expressed by

$$SPI_i = \frac{[C_1 G_1 + C_2 G_2 + \dots] i}{[C_1 + C_2 + \dots] i} = \frac{[\sum CG] i}{[\sum C] i} = \frac{N_i}{D_i}$$

where C and G stand for Credit and Grade, respectively. SPIs will be calculated up to two places of decimal without rounding off. SPI will be calculated only when a student clears a semester without F in any subject, theory or practical.

#### 7.5 CUMULATIVE PERFORMANCE INDEX (CPI)

This is a weighted average of course grade points obtained by a student for all courses taken since his admission to the degree program with 50% weightage of I and II semester marks and 100% for remaining semesters. Thus, CPI in *i*th semester with “*i*” greater than 2 will be calculated as

$$CPI_i = \frac{0.5 (N_1 + N_2) + \sum_{i=3}^{i \geq 3} N_i}{0.5 (D_1 + D_2) + \sum_{i=3}^{i \geq 3} D_i}$$

If a student repeats a course or is declared fail in a subject, then only the grade points obtained in the latest attempts are counted towards CPI. CPI will be calculated in every semester with SPI, so that a student knows how his CPI is changing.

## 7.6 AWARD OF CLASS OR DIVISION:

7.6.1 The class or division awarded to a student to a student of B. Arch. Degree will decided on basis of the student's current CPI as per the following table:

* First Division with Honors	Total integrated marks equal to or more than 75%
* First Division	Total integrated marks equal to or more than 65%
* Second Division	Total integrated marks equal to or more than 50%

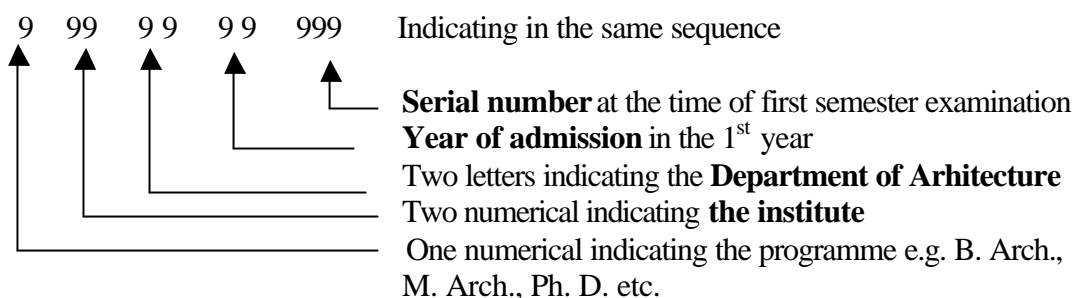
7.6.2 Division shall be awarded only after the tenth and final semester examination, based on integrated performance of the candidate for all the five years as per clause no. 4.2.

7.6.3 No candidate shall be declared to have passed the final B. Arch. Unless he has fully passed all the previous examinations of the candidates who have not passed any aspect of examination of any previous semester will be withheld. They however will be informed about the deficiency. A candidate shall be deemed to have passed the final B. Arch. examination in which he/she passes all the examinations of all the ten semesters.

7.7 **TRANSCRIPT:** The transcript issued to a student after completion of the B. Arch. course will contain consolidated record of all the subjects, grades obtained and the final CPI with Division or Class obtained.

8.0 **CARRY OVER:** A candidate shall be allowed to carry over all the subjects i.e. theory and practical of a semester in the higher semester as per clause no. 3.4.1 He/she shall be required to clear in the next examination only those subjects (Theory, TA-Theory/Practical) in which he was awarded FF, FI, FS and WW grade.

9.0 **Roll NO.:** Every student will allotted a unique roll no. in the following format till he completes the degree program.



## 10.0 RULES FOR CONDONATION OF DEFICIENCY IN MARKS.

With a view to moderate hard line cases in the examination, the following rules shall be observed:

- 10.1 Deficiency up to 5 marks be condoned to the best advantage of the candidate for passing the examination, provided the candidate fails in maximum of two theories/ one theory and one practical/two practicals.

This facility shall be available only to those candidates who clear that particular semester examination in full (i.e. in all theory, practicals and sessionals in first attempt) by availing of 5 Grace Marks.

- 10.2 While declaring result of the candidate, no marks shall be added to or subtracted from the aggregate for the deficiency condoned as above. However, he/she will pass the courses (subjects) cleared through clause 11.1 After condoning the deficiency, the candidate's result shall be declared in the division, for which the aggregate obtained by him/her entitles.

- 10.3 One grace mark will be awarded to the candidate who is failing/missing distinction/missing first division by one mark, on behalf of the Vice-chancellor in the DEGREE examination. This benefit will not, however, be available to a candidate getting advantage under clause 11.1.

## **11.0 REVOLUTION/RETOTALING OF MARKS.**

### **11.1 RETOTALING:**

11.1.1 Any candidate, who has appeared in an examination conducted by the University, may apply to the Controller of Examination for retotaling of the marks for any one or two theory subjects.

11.1.2 Such applications must be made on the prescribed forms along with the requisite fee within 15 days from the date of declaration of result to the respective Principals of the Institution in which the candidate is studying.

11.1.3 The work of retotaling i.e. re-totaling does not include re-examination of the answer books. It is done with a view to see whether there has been any mistake in totaling of the marks assigned to individual answers or in the form of omitting the marks assigned to any answer.

### **11.2 REVALUATION:**

11.2.1 The candidate may apply to the Controller of Examination of the University for revaluation of his/her answer scripts for any one or two theory subjects.

- 11.2.2 Such application must be made on the prescribed form along with the requisite fee within 15 days from the date of declaration of the result to the respective Principals of the Institution in which candidate is studying.
- 11.2.3 If, on revaluation a mistake in the result originally published is detected, necessary correction shall be notified by the University. In all other cases, the result shall be communicated to the candidate, as soon as possible through the respective institute.
- 11.3 No retotaling or revaluation shall be allowed in case of practicals, teacher's assessment and class tests by the University.

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