

# **B. Arch. REGULATIONS**

**Operative for the students admitted in 2013 &  
onwards**



**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620 015**

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## B. Arch. Regulations

### B.1 QUALIFICATION FOR ADMISSION

1. Candidates for admission to the first year of the B.Arch. degree programme shall be required to have passed the Higher Secondary Examination (Academic stream) with subjects of study prescribed by council of Architecture or any Examination recognized as equivalent.
2. The selection is based on the rank obtained by the candidate based on his/her performance in Joint Entrance Examination (JEE) – Main & Class 12<sup>th</sup> or Equivalent Examination as per the list provided by the concerned board.
3. The age limit and other requirements are as per the criteria prescribed by the admitting authority.
4. The duration of the programme for the Degree of Bachelor of Architecture is five academic years, with two semesters in each year. The duration of each semester shall normally be 90 working days. However, a student may complete the programme at a slower pace by taking more time but not more than ten years.

### B.2 STRUCTURE OF THE PROGRAMME

(a) **The programme of instruction consists of:**

- i) General core courses comprising of English, Architectural Structures.
- ii) An Architecture Core Programme introducing the students to the various aspects of architecture, comprising Building Construction & Materials, Building Services etc. including Basic & Architectural design / Architectural design.
- iii) An Elective Programme enabling the student to take up a group of courses of interest to him/her.
- iv) A Professional Training Programme in the VII semester to expose the students to the practical aspects of Architectural Profession.
- v) Dissertation in the X semester
- vi) Educational Tours organized by the Department of Architecture
- vii) In addition, a student should satisfactorily complete the prescribed NCC/NSS/NSO Programme.

(b) **Each course is normally assigned a certain number of credits as follows:**

- i) 1 credit per lecture period per week
- ii) 1 credit per tutorial period per week
- iii) 2 credits per 2 or 3 periods of Studio Work / Laboratory Practice / Dissertation Session per week

(c) The curriculum for the programme of study consists of total credits of 214.

- (d) At least five Elective courses may be offered during V – IX semesters. For the entire programme, a candidate may be permitted to take a maximum of 2 electives from allied and other Department elective courses.

(e) **Professional Training**

The students should undergo professional training for a minimum period of 1 semester during the first semester of IV year in an Architectural firm / Organization, approved by the Department of Architecture.

(f) **NCC/ NSS/ NSO TRAINING**

NCC/ NSS/ NSO training is compulsory for all the Undergraduate students:

1. The activities include Practical / field activities / Extension lectures.
2. The activities shall be carried out outside class hours.
3. The student participation shall be for a minimum period of 45 hours per semester during the first year.
4. The activities shall be monitored by the respective faculty in charge and the First Semester Coordinator.
5. Grades shall be awarded on the basis of participation, attendance, performance and behaviour. Grades shall be entered in the mark statement as given below :

**VERY GOOD, GOOD, SATISFACTORY and UNSATISFACTORY**

1. If a candidate gets an unsatisfactory Grade, he/she has to repeat the above activity in the subsequent years, along with the first year students.
2. The Grades awarded by the Faculty in-charge shall be entered in the 2<sup>nd</sup> Semester Mark Statement.
3. A student who has not completed the NCC / NSO / NSS requirements in first four Semesters will not be permitted to continue the B.Arch. programme.

### **B.3 REGISTRATION AND ENROLMENT**

(a) Except for the first semester, registration for a semester will be done during a specified week before the end semester examination of the previous semester. Late registration / enrolment will be permitted with a fine of Rs.250/- up to two weeks from the last date specified for registration.

(b) A student will be eligible for enrolment only if he / she has cleared all the dues to the Institute, Hostel, Library and the NCC Unit up to the end of the previous semester, provided he is not debarred for enrolment by a disciplinary action of the Institute.

(c) The registration sheet contains the course number, course name, number of credits and category for each course taken in that semester. The student makes the choice of courses in consultation with his Faculty Adviser.

(d) The curriculum for any semester, except for the final semester will normally carry credits between 12 and 24. If a student finds his / her load heavy in any semester, or for any other valid reason, he / she may drop courses within three weeks of the commencement of the semester but before commencement of first cycle test with the written approval of his / her Faculty Adviser & Head of the department.

- (e) A student who desires to register for B.Arch. (Honours) should
- (i) consistently obtain a minimum GPA of 8.5 in the first four semesters
  - (ii) maintain the same minimum GPA in the subsequent semesters failing which the registration will get cancelled for B. Arch. (Honours) degree and will be eligible only for B. Arch. degree.
  - (iii) complete additional 3 theory courses (from the list of courses in advanced level meant only for Honours students approved by Board of Studies from V semester onwards) from the concerned department.

#### B.4 FACULTY ADVISER

To help the students in planning their courses of study and to render general advice regarding either the academic programme or any other activity, the Head of the Department concerned, will assign every year, a certain number of students from the first semester to a faculty member who will be called Faculty Adviser. The set of students thus assigned will continue to be under the guidance of this Faculty Adviser till they complete the programme.

#### B.5 ASSESSMENT PROCEDURE - TESTS AND EXAMINATIONS

- (a) The subjects taught in the B.Arch. course are divided into three categories.
- i. Lecture based subjects (subjects taught through lectures – theory subjects)
  - ii. Lecture cum studio based subjects (subjects taught through lectures and studio work)
  - iii. Studio based subjects (subjects taught through studio work)
- (b) In each theory course and in the theory portion of each theory and practical combined course, the assessment pattern will be as follows:

Sl.No	Assessment	Duration	Marks
1.	1 <sup>st</sup> Cycle test	1 hour	20
2.	2 <sup>nd</sup> Cycle test	1 hour	20
3.	Assignments	-	10
4.	End semester Examination	3 hours	50

Minimum of two assignments will be given in a semester. The submission schedule will be decided in the first class committee meeting.

- (c) In practical portion of each theory and practical combined course (Communicative English and Energy Efficient Buildings), the assessment pattern will be as follows:

Assessment	Marks
Continuous Assessment	75
End semester Examination	25

The assessment in laboratory course will be based on supervision of the student's work, their performance in viva-voce examinations and group discussions, the quality of their work as prescribed through laboratory manual and an end- semester test that contains an experiment and/or a written exam.

- (d) For the theory and practical combined courses the percentage weightage between theory and practice will be based on the relative credits allotted for the theory (Lecture + Tutorial) and practice of that course.

(e) **Assessment of Lecture cum Studio based subjects: Building Construction & Materials I to VI, Architectural Graphics – I to III and Computer Application in Architecture I&II.**

Assessment	Duration	Marks
<b>Continuous Assessment</b>		
I Cycle Test	1 Hr	10
II Cycle Test	1 Hr	10
Projects – plates, class works, assignments & field exercises		30
<b>End Semester Examination</b>	3 Hrs	50

(f) Normally both question paper setting and valuation of answer papers for all the examinations shall be carried out by the teacher who has handled the course. However, the Director will have the discretion to appoint any other teacher or external examiner for setting question papers and valuing the answer scripts.

(g) **Assessment of core studio subjects: Basic & Architectural Design – I & II, and Architectural Design – III to VIII:**

**(i) Continuous Assessment**

- 1). Marks awarded by the teacher at various stages of the projects in the class and in Mid-term and End-Semester evaluation – 50%
- 2). Marks awarded by external examiner in mid-term evaluation (10%) and End-Semester Evaluation (10%) -20%

**(ii) End Semester Exam**

End Semester Examination	Duration	Weightage
Basic & Architectural Design – I & II	6 hrs	30 %
Architectural Design – III & IV	12 hrs	30 %
Architectural Design – V to VIII	18 hrs	30 %

If a candidate fails to secure 50% marks in continuous assessment in the subjects Basic & Architectural Design – I & II and Architectural Design – III to VIII he/she shall not be allowed to appear for end semester examination of all courses and he/ she shall rejoin in the same semester when in session next.

If a candidate fails to secure a minimum of E grade in continuous assessment and end semester examination put together in the subjects Basic & Architectural Design – I & II and Architectural Design – III to VIII, he/she shall appear in the supplementary examination in subsequent semester. In such cases, the continuous assessment marks already secured by the candidate shall remain valid.

**(h) Assessment of Studio Based Subjects: Visual Arts-I & II, Applied Visual Arts, Model Making, Vernacular Architecture, Graphic Design, Advanced Computer Applications, Painting, Interior Design, Environmental Control and Design Workshop and Landscape Design.**

Evaluation shall be done only by continuous assessment and there is no end semester examination. Each student work is evaluated twice in a semester (Mid Term & End Semester) jointly by the subject teacher and external examiner. The percentage of marks awarded by the subject teacher is 70 % and the External Examiner is 30 %.

If a candidate fails to secure a minimum of E grade he/she shall register for the course when in session next and submit the plates/class works/assignments/field works as in the case of a regular candidate.

**(i) Assessment of Professional Training**

Each student on completion of Professional Training is required to submit a training report, training diary and drawings of the projects in which he / she is involved. A jury comprising of Head of the Department or his nominee and coordinator of practical training will examine the above said work submitted by each student and award grades. A candidate who gets F grade in Professional Training shall undergo Professional Training afresh after the completion of semester X and secure a minimum of E grade.

**(j) Assessment of Dissertation**

In the X Semester a committee consisting of dissertation guides, coordinator (appointed by the Head of the Department) and Head of the Department assess the progress of each students work on the topic approved by the department, through four reviews conducted at regular intervals. External Examiner will participate in the last two reviews. The marks awarded in these reviews serve as continuous assessment marks and carry a weight age of 50%.

At the end of the semester the final work of each student in the dissertation is assessed by a jury in a viva-voce examination. This viva-voce carries a weight age of 50 %. The jury shall comprise of respective dissertation Guide, Coordinator or Head of the Department and one or two external examiners decided by the dissertation committee.

If a candidate fails to secure 50% marks in continuous assessment in the dissertation he/she shall not be allowed to appear for the viva-voce examination and he/ she shall register for dissertation when in session next and attend the reviews of continuous assessment as in the case of a regular candidate.

If a candidate fails to secure a minimum of E grade in dissertation viva-voce examination, he/she shall rework/improve the Dissertation and resubmit the same in the supplementary examination. In such cases, the continuous assessment marks already secured by the candidate shall remain valid.

**(k) RETEST**

Students who have missed the first or second cycle test can register with the consent of faculty and HOD concerned for the Re-Test examination which shall be conducted soon after the completion of the second cycle test. The students who need to appear for the Re-Test

should register at the office of the Dean - Academic and the examination shall be conducted by the concerned member of the faculty before the regular semester examinations.

The Re-Test examination shall be conducted for 20 marks comprising the syllabus of both first and second cycle tests.

#### (I) SUPPLEMENTARY EXAMINATIONS

1. Students who have failed in the semester examinations with F grade & Z grade and those completed mandatory classes shall take supplementary examinations. Supplementary examinations shall be conducted along with the regular examinations or immediately after the completion of the regular examinations or at the end of each semester (during vacation).
2. Grading and passing minimum marks for supplementary examinations shall be done on par with the immediate regular examinations conducted previously.
3. Students who have got an F grade may also join/register for the regular classes if they wish to undergo a course before taking up the supplementary examination.
4. *Students who have more than six 'F' grades at the end of each academic year (odd and even semesters put together) should join the programme after satisfying the requirement (number of F Grades less than or equal to 6).*

#### B.6 EDUCATIONAL TOUR

(a) Educational tour to be arranged by the Department of Architecture without hampering the academic programme / schedule. Whenever educational tours are arranged, the students for whom such tour is arranged are required to undertake them without fail.

(b) Two tours of a maximum of one week duration may be organized or a single tour of duration not exceeding 15 days may be organized in an academic year. Each tour shall be strictly confined to a particular region which shall be decided by the Department of Architecture.

(c) Such tours are required to be arranged as part of the Architectural Design subjects. Project work pertaining to Vernacular Architecture, Architectural Conservation, Landscape Design, etc., also be carried out in such tour.

(d) The students who have undertaken a tour are required to submit a tour report, within a stipulated time period, to the Department of Architecture. This report will be considered as a part of the course work of the above said subject / subjects.



## **B.7 CLASS COMMITTEE**

### **(a) CONSTITUTION OF THE CLASS COMMITTEE**

#### **I to X semester class committees**

##### **Chairman**

One senior faculty of the department, preferably not associated with the teaching of the class, to be nominated by the Head of the Department.

##### **Members**

- i. Faculty of all the courses of study
- ii. Four student members from the class concerned to be nominated by the Head of the Department.

### **(b) FUNCTIONS OF THE CLASS COMMITTEE**

The class committee shall meet thrice during the semester. The first meeting will be held within two weeks from the date of commencement of the semester in which the nature of the cycle tests as well as broad assessment procedure for the different tests and practical courses will be discussed. The second and third meetings will be held two weeks after the first and second cycle tests respectively to meaningfully interact and express opinions and suggestions to improve the effectiveness of teaching - learning process and analyze the performance of the students in the cycle tests. The chairman of the class committee should send the minutes of the class committee meetings to the Dean (Academic) through the Head of the Department, immediately after the class committee meetings.

## **B.8 ELIGIBILITY FOR APPEARING IN SEMESTER EXAMINATION**

100% attendance in the class is desirable for a candidate to be eligible to appear for the end semester examination in a course of any semester, provided there is no adverse reports regarding his/her conduct by the Head of the Department.

B.8.1 The minimum attendance for appearing for the semester examination is 75% in each subject. Those students, whose attendance falls below 75% but above 50% in a subject, shall attend mandatory classes after the semester examinations of the current session. Only those students who have completed the mandatory classes will be eligible for condonation and be permitted to appear for supplementary examination. A certificate from the concerned faculty member regarding successful completion of mandatory classes by the student has to be sent to the Dean (Academic), for the student to become eligible for appearing for supplementary examination.

However the mandatory classes requirement can be relaxed for students for the following reasons.

- Undergoing internship in foreign countries with prior permission, if the internship is approved officially. However, the maximum period of such extension is limited to 10 working days.

- Participating in the Institute approved extra-curricular activities such as Sports, Games, Cultural meets, Seminar, Workshop, Conference with prior permission. The maximum period for such events is limited to 10 days.
- Prolonged illness and/or hospitalization and admitted to hospital with appropriate medical certificate with an endorsement from the institute medical officer to the HoD, on the date of rejoining classes after the illness.

B.8.2 Students who have less than 50% of attendance have to rejoin the programme after a year along with the next batch and undergo the courses for which the attendance was less than 50% earlier.

**Condonation of Attendance:** Every student is expected to put in 100% attendance. The minimum attendance requirement is 75%. For cases of casual absenteeism, no condonation of attendance is permissible. If a student has less than 75% attendance, he/she should be assigned 'U' grade in that subject along with 'P' as the attendance code. The percentage of attendance in a subject shall be computed as:

(a) For calculation of attendance in normal cases:

$$\text{Percentage of Attendance} = \frac{\text{Actual no. of classes attended}}{\text{Total no. of classes held till date of compilation of attendance}} \times 100$$

This should be 75% for the student to appear for semester examinations. Such cases will not come under the purview of condonation of attendance.

(b) For calculation of attendance in case of prolonged illness and/or hospitalization with medical certificate:

$$\text{Percentage of Attendance} = \frac{\text{Actual no. of classes attended}}{(\text{Total no. of classes held till date of compilation of attendance} - \text{No. of classes held during the days of prolonged illness and or hospitalization})} \times 100$$

This should be 75% for condonation.

**Under any case, a student should have more than 50% attendance calculated as per B.8.2.(a) above to be eligible for condonation and for appearing in semester examination.**

The percentage of attendance is calculated up to 3 days before the last working day in the respective semester, and the percentage will be indicated by a code number / letter as follows:

<b>Attendance Rounded to</b>	<b>Remarks</b>	<b>Code</b>
90 - 100 %	Very Good	VG
85 - 90 %	Good	G
84 - 75 %	Marginal	M
74 - 50 %	Poor	P
< 50%	Very Poor	VP

(iii) The students of IX and X semesters have the requirements for attending campus recruitment, projects, extra-curricular activities etc. In view of this, their attendance for the above will be considered as on-duty (OD).

2. A candidates shall be eligible to appear for the end semester examination in any course of the semester only if the candidate has obtained a minimum of 50 % marks in the continuous assessment of the courses Basic & Architectural Design I & II and Architectural Design III to VIII as stated in B.5 (g).

3. A candidate shall be eligible to appear for the end semester dissertation viva-voce only if the candidate has obtained a minimum of 50 % in the continuous assessment as stated in B.5 (j).

## **B.9 WITHDRAWAL FROM EXAMINATION**

A candidate may, for valid reasons and on the recommendation of the Associate Dean Academic/ Head of the Department and with the approval of the Dean (Academic) be permitted to withdraw from appearing for the entire Semester Examination, as one unit. Withdrawal application shall be valid only if it is made earlier than the commencement of the last examination pertaining to the semester. Such withdrawal shall be permitted only once during the entire programme and shall not be construed as an appearance for the eligibility of a candidate for the award of classification (Rule B.17). If a candidate falls sick in the middle of the Semester Examinations, he/she can withdraw from one or more subjects on production of valid medical certificate.

## **B.10 TEMPORARY BREAK OF STUDY FROM THE PROGRAMME**

A student may be permitted by the Dean (Academic) to withdraw from the programme for one year for reasons of ill-health or other valid reasons on the recommendation of Head of the Department. Such a candidate on rejoining will be governed by the rules under section B.13 (d) and (e).

## **B.11 PERFORMANCE ANALYSIS COMMITTEE**

The Performance Analysis Committee will consist of the same members as the class committee but including the Head of the Department and excluding the student members. An external member from an allied department shall be nominated by the Chairman (Senate) to the performance analysis committee. The meeting of the Performance Analysis Committee is to be held within seven days from the last day of the end semester examinations to analyze

the performance of the students in all courses of study and finalize the grade ranges for each course and forward the statement of grades to the Dean (Academic) immediately, through the Head of the Department. The PAC, by collective wisdom, should ensure that the clustering / grading / pass-fail decisions have been reasonably balanced.

The attendance registers of all the courses along with all the cycle test marks, assignment marks, end-semester marks, grades and grade-ranges entered in the register are also to be sent to the Dean (Academic) immediately through the Head of the Department.

The Dean (Academic) shall go through the statement of grades and the attendance register. In case of any problem that cannot be set right by the Dean (academic), the Chairman, Senate is authorized to take appropriate action in this regard. The finalized list shall then be conveyed to the Chairperson, PAC. It is proposed that the Chairperson, PAC will then arrange to display a copy of the statement of grades in the departmental notice board. It is expected that the results could be displayed within a day from the date of the finalization of the grades. Finalization of grades for supplementary examinations shall be made by the HOD and the teacher concerned. The results of which shall also be arranged to be displayed on the department notice board.

## B.12 GRADING

- a) The Institute follows relative grading with flexibility given to teachers to decide the mark ranges for grades. All assessment of a course will be done on the basis of marks.
- b) Teachers can adopt any one of the following methods to decide the clusters (range) of the total marks(cycle tests, assignment and semester examination put together for each student) scored for grading:
  - i. Gap theory
  - ii. Normalized curve
  - iii. z-score
- c) **The passing minimum should be  $\frac{\bar{X}}{2}$  or  $\frac{X_{\max}}{3}$ , whichever is less where  $\bar{X}$  is the mean of the class and  $X_{\max}$  is the maximum mark in the class.**
- d) For B.Arch. Studio/Laboratory courses and B.Arch. Project work, there is no limitation on the number of students falling in a particular grade (especially S and A). However, in general, the S grade is restricted to 15% of the total number of students registered for the course.
- e) The grading structure adopted by the teacher for the course handled by him/her, is subject to the scrutiny of the PAC and subsequently the Senate.
- f) Any issues related to Grading will be decided by the Dean (Academic), in consultation with the Chairman of the Senate.
  - i. The Performance Analysis Committee, which shall meet within seven days after the completion of all examinations, shall analyze the relative cumulative performance of

students in all examinations (continuous and end-semester) of a course and finalize the letter grade ranges for the course.

- ii. The letter grades and the corresponding grade points are as follows:

Letter	S	A	B	C	D	E	F	U	V	W	Z
Grade (GP)	10	9	8	7	6	5	0	-	-	-	-

Students scoring less than the passing minimum (as per B.12.c) marks shall be deemed to have failed and be given 'F' grade. The letter grade 'U' indicates prevention from appearing for Semester Examination due to shortage of attendance (50 - 74%), 'V' indicates prevention due to lack of attendance (< 50%), 'W' indicates the authorized withdrawal (Regulation B.9) and 'Z' grade shall be awarded if the student absents for the semester/supplementary examination. A student having U grade need not redo the course, but can appear in the supplementary examination in the following semester after attending mandatory classes. However, a student having V grade (i.e. with attendance of < 50 %) shall necessarily redo the course, when it is offered again. The U/V grade once awarded stays in the record of the student and is deleted when he/she completes the course later, indicating also the number of attempts made in that course. The CGPA will be accordingly revised deleting the 'U/V' in the earlier attempts in that course. The grade acquired by the student later will be indicated in the grade card of the appropriate semester. Students with Z grade shall appear for supplementary examination as and when conducted.

- iii. A student who earns a minimum of 5 grade points in a course is declared to have successfully completed the course.

### **B.13 MOVEMENT TO HIGHER SEMESTER**

(a) A candidate proceeding to the III Semester should satisfy the following condition: To move to the third semester a candidate should have earned a minimum of 12 credits in the first semester. Otherwise, the candidate has to join only in the first year. However, after satisfying this stipulated condition such candidates will be permitted to rejoin the Institute at the beginning of the Third Semester in a latter year along with the regular students.

*(b) Students who have more than six 'F' grades at the end of each academic year (odd and even semesters put together) should join the programme only after satisfying the requirement ( number of F Grades should be less than or equal to 6).*

(c) A candidate who gets less than 50% in the continuous assessment of the subjects BASIC & ARCHITECTURAL DESIGN I&II and ARCHITECTURAL DESIGN III to VIII cannot proceed to next higher semester and required to repeat the semester.

(d) A candidate who is permitted to discontinue may rejoin the course at the appropriate semester only along with the regular students at the time of normal commencement of that semester.

(e) A candidate who discontinues and rejoins shall be governed by the rules, regulations, courses of study and syllabus in force, at the time of his/her rejoining the course.

#### **B.14 REVALUATION OF ANSWER PAPERS**

Students can look at the valued answer scripts of the semester/supplementary examinations (not laboratory examinations) and can get it retalled /revalued by the faculty concerned and can change the grades, if necessary. The teacher may re-examine the case and forward a revised grade, to the Dean (Academic) through the Head of the Department and the Chairman, performance analysis committee, if such a necessity arises. However, if there is any genuine grievance in the valuation of an examination answer script(s), which is not settled by the Faculty in charge of the subject / Head of the Department, the following procedure may be adopted. The student can send a letter to the Dean (Academic) *without revealing his identity*, clearly mentioning the subject, date of examination, name of the teacher and the nature of the grievance. The Dean (Academic) after verifying the genuiness of the grievance can recommend to the Chairman of the Senate for appropriate remedial measures. The entire revaluation process has to be completed within four weeks from the date of publication of results or 2 weeks after reopening of the institution, whichever is later. Any request by the students after this period will not be considered.

#### **B.15 COURSE REPETITION**

A student earned 'V' grade in a core course has to repeat it compulsorily when the course is offered in a subsequent semester. A student securing F or W grade in an elective course, may change the elective course or repeat it if he so desires to get a successful grade. A course successfully completed cannot be repeated.

A student securing less than 50% in the continuous assessment of the subjects BASIC & ARCHITECTURAL DESIGN I&II and ARCHITECTURAL DESIGN III to VIII has to repeat all courses of the semester, when in session next.

If a candidate fails to secure a minimum of E grade in the subjects Visual Arts-I & II, Applied Visual Arts, Model Making, Vernacular Architecture, Graphic Design, Advanced Computer Applications, Painting, Interior Design, Environmental Control and Design Workshop and Landscape Design and Landscape Design, he/ she shall repeat it compulsorily when the course is offered in the subsequent semester.

#### **B.16 GRADE CARDS**

(a) After the results are declared, Grade Cards will be issued to each candidate which will contain the list of courses for that semester and the grades obtained by the candidate. The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the subjects of that semester. Similarly Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the subjects up to that semester.

(b) GPA is the ratio of the sum of the products of the number of credits of a course ( $C_i$ ) and the grade points scored in that course ( $GP_i$ ), taken for all the courses, to the sum of the number of credits of all the courses ( $n$ ) in the semester.

$$GPA = \frac{\sum_1^n C_i * GP_i}{\sum_1^n C_i}$$

where  $n$  is the number of courses in that semester.

(c) On successful completion of the programme, the CGPA will be calculated as follows:

$$CGPA = \frac{\sum_1^N C_i * GP_i}{\sum_1^N C_i}$$

where  $C_i$  is the credit and  $GP_i$  is the grade point obtained by the candidate and  $N$  is the total number of courses for the entire programme.

### B.17 CLASSIFICATION

After successful completion of the programme, degree will be awarded as per the following classifications based on the CGPA.

1. **A student who (i) secured consistently a minimum GPA of 8.5 in the first four semesters (ii) maintained the same minimum GPA in the subsequent semesters (iii) completed additional 3 theory courses (from the list of courses in advanced level meant only for Honours students approved by Board of Studies from V semester onwards) from the concerned department will be declared to have passed with B. Arch. (Honours) degree.**
2. Candidates who successfully complete the programme within ten consecutive semesters getting a CGPA of 8.5 and above, passing all the courses in the first appearance will be declared to have passed in first class with distinction. For this purpose, withdrawal from examination (vide regulation B.9) and authorized break of study (vide regulation B.10) will not be counted.
3. Candidates who get a CGPA of 6.5 and above, but below 8.5 and who complete the course within 11 semesters plus authorized break, (vide regulation B.10) will be declared to have passed in first class.
4. Candidates who get a CGPA of below 6.5 and who complete the course within the maximum prescribed period after joining the Institute will be declared to have passed in second class.

### B.18 CONSOLIDATED STATEMENT OF GRADES

A student should have appeared for the semester examination in any particular subject (mere appearance for the continuous assessment tests is not sufficient) to be eligible for the award of the grade in the subject. At the end of the programme, all successful candidates (vide

regulation B.17,B.19) will be furnished with a consolidated statement of grades which will contain the following particulars:

1. Grades in the subjects of all the semesters
2. CGPA
3. Classification (Honours / First class with Distinction / First class/Second class (vide regulation B.17)

### **B.19 ELIGIBILITY FOR THE DEGREE**

**A candidate shall be eligible for the award of the degree of the Bachelor of Architect (B.Arch) only if the candidate:**

1. Has undergone the prescribed programme of study by earning the minimum total number of credits specified in the curriculum of the relevant programme of study within a maximum duration of 10 years.
2. Has no dues to the Institution, Library, Hostels, etc.
3. Has no disciplinary action pending against him/her.

### **B.20 ATTENDANCE, DISCIPLINARY & GRIEVANCE COMMITTEE**

This Committee is constituted for the smooth functioning of the various autonomous Under-graduate Programmes of the Institute and it consists of the following members:

Dean (Academic)	Convener
Dean (Students)	Member
Respective Head of the Department / Associate Dean Academic	Member

This Committee will be looking into

1. The matters relating to condonation of attendance shortages of candidates.
2. All grievances and disciplinary problems of the students relating to malpractices in tests and end-semester examinations etc.

The Committee will meet as and when necessary and send the recommendations to the Senate for consideration / ratification / approval.

### **B. 21 RAGGING**

*Ragging is a Criminal and Non-bailable offence, punished by dismissal from the Institute, fine of Rs 10,000/- and imprisonment upto two years.*



## **B.22 DRESS CODE**

**Boys:** All the boy students should come with formal dress to the class rooms & computer labs, preferably full pant and shirt. *Wearing T-shirts and other informal dresses in the class rooms is strictly prohibited.*

**Girls :** All the girl students should come with formal dress to the class rooms & computer labs, in saree or churidhar with dupatta. *Wearing T-shirts and other informal dresses in the class rooms & labs are strictly prohibited.*

## **B.23 REVISION OF REGULATIONS AND CURRICULUM**

The Senate may from time to time revise, amend or alter the regulations, courses of study and syllabus as and when found necessary. Any other relevant rules needing urgent revisions can be framed and implemented by the Director/Chairman of the Senate and ratified in the subsequent Senate meeting. In case of difference of opinion regarding the interpretation of any of the regulations, the decision of the chairman of the Senate shall be final.

## **B.24 POWER TO MODIFY**

Notwithstanding all that has been stated above, the Senate has the right to modify any of the above rules and regulations from time to time.

**DEGREE OF BACHELOR OF ARCHITECTURE  
CREDIT SYSTEM**

**SEMESTER - I**

<b>SL.</b>					
<b>NO.</b>	<b>CODE</b>	<b>COURSE OF STUDY</b>	<b>L</b>	<b>T</b>	<b>P C</b>
1.	AR101	ARCHITECTURAL GRAPHICS – I	1	-	4 3
2.	AR103	WORLD ARCHITECTURE	3	-	- 3
3.	AR105	PRINCIPLES OF ARCHITECTURE – I	3	-	- 3
4.	AR107	COMMUNICATIVE ENGLISH	2	-	2 3
5.	AR109	BASIC & ARCHITECTURAL DESIGN - I *	-	-	8 4
6.	AR111	VISUAL ARTS - I	-	-	6 3
7.	AR113	ENVIRONMENTAL SCIENCE	3	-	- 3
8.		N.C.C., N.S.S., N.S.O.	-	-	- -
			12	-	20 22

**SEMESTER - II**

<b>SL.</b>					
<b>NO.</b>	<b>CODE</b>	<b>COURSE OF STUDY</b>	<b>L</b>	<b>T</b>	<b>P C</b>
1.	AR102	BUILDING CONSTRUCTION & MATERIALS - I	1	-	4 3
2.	AR104	MECHANICS OF SOLIDS	3	-	- 3
3.	AR106	HINDU & BUDDHIST ARCHITECTURE	3	-	- 3
4.	AR108	PRINCIPLES OF ARCHITECTURE – II	3	-	- 3
5.	AR110	ARCHITECTURAL GRAPHICS - II	1	-	4 3
6.	AR112	BASIC & ARCHITECTURAL DESIGN – II *	-	-	8 4
7.	AR114	VISUAL ARTS – II	-	-	6 3
8.		N.C.C., N.S.S., N.S.O.	-	-	- -
			11	-	22 22

**LEGEND** L - Lecture, T - Tutorial, P - Practical/Studio/Laboratory  
C - Credit

\* A Minimum of **E GRADE** is required in this subject for moving to the next higher semester

**SEMESTER - III**

SL. NO.	CODE	COURSE OF STUDY	L	T	P	C
1.	AR201	BUILDING CONSTRUCTION & MATERIALS - II	1	-	4	3
2.	AR203	STRUCTURAL ANALYSIS	3	-	-	3
3.	AR205	EUROPEAN ARCHITECTURE	3	-	-	3
4.	AR207	ARCHITECTURAL GRAPHICS – III	1	-	2	2
5.	AR209	SITE PLANNING	3	-	-	3
6.	AR211	ARCHITECTURAL DESIGN – III *	-	-	10	5
7.	AR213	APPLIED VISUAL ARTS	-	-	5	3
			11	-	21	22

**SEMESTER - IV**

SL. NO.	CODE	COURSE OF STUDY	L	T	P	C
1.	AR202	BUILDING CONSTRUCTION & MATERIALS - III	1	-	4	3
2.	AR204	CONCRETE TECHNOLOGY	3	-	-	3
3.	AR206	INDO - ISLAMIC ARCHITECTURE	3	-	-	3
4.	AR208	MODEL MAKING	-	-	3	2
5.	AR210	COMPUTER APPLICATIONS IN ARCHITECTURE – I	1	-	4	3
6.	AR212	CLIMATICALLY RESPONSIVE ARCHITECTURE	2	1	-	3
7.	AR214	ARCHITECTURAL DESIGN – IV *	-	-	10	5
			10	1	21	22

LEGEND L - Lecture, T - Tutorial, P - Practical/Studio/Laboratory  
C - Credit

\* A Minimum of **E GRADE** is required in this subject for moving to the next higher semester

**SEMESTER - V****SL.**

<b>NO.</b>	<b>CODE</b>	<b>COURSE OF STUDY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1.	AR301	BUILDING CONSTRUCTION & MATERIALS - IV	1	-	4	3
2.	AR303	DESIGN OF R.C.C. STRUCTURES	2	1	-	3
3.	AR305	CONTEMPORARY ARCHITECTURE - I	3	-	-	3
4.	AR307	WATER SUPPLY & DRAINAGE	3	-	-	3
5.	AR309	COMPUTER APPLICATIONS IN ARCHITECTURE - II	1	-	4	3
6.	AR311	ARCHITECTURAL DESIGN – V *	-	-	10	5
7.		ELECTIVE - I	-	-	4	2
			10	1	22	22

**SEMESTER - VI****SL.**

<b>NO.</b>	<b>CODE</b>	<b>COURSE OF STUDY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1.	AR302	BUILDING CONSTRUCTION & MATERIALS - V	1	-	4	3
2.	AR304	ADVANCED STRUCTURES	3	-	-	3
3.	AR306	CONTEMPORARY ARCHITECTURE - II	3	-	-	3
4.	AR308	ARTIFICIAL LIGHTING & ELECTRICAL SERVICES	3	-	-	3
5.	AR310	LANDSCAPE ARCHITECTURE	3	-	-	3
6.	AR312	ARCHITECTURAL DESIGN – VI *	-	-	10	5
7.		ELECTIVE – II	-	-	4	2
			13	-	18	22

**SEMESTER – VII**

1.	AR401	PROFESSIONAL TRAINING (ONE SEMESTER)	-	-	-	12
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**LEGEND** L - Lecture, T - Tutorial, P - Practical/Studio/Laboratory  
C - Credit

\* A Minimum of **E GRADE** is required in this subject for moving to the next higher semester

**SEMESTER – VIII**

SL. NO.	CODE	COURSE OF STUDY	L	T	P	C
1.	AR402	BUILDING CONSTRUCTION & MATERIALS - VI	2	-	2	3
2.	AR404	BUILDING STRUCTURAL SYSTEMS	2	-	-	2
3.	AR406	ARCHITECTURAL ACOUSTICS	3	-	-	3
4.	AR408	ESTIMATION & SPECIFICATION	1	-	2	2
5.	AR410	HUMAN SETTLEMENT SCIENCE - I	3	-	-	3
6.	AR412	AIR CONDITIONING & MECHANICAL SERVICES	3	-	-	3
7.	AR414	ARCHITECTURAL DESIGN – VII *	-	-	12	6
8.		ELECTIVE – III	-	-	4	2
			14	-	20	24

**SEMESTER - IX**

SL. NO.	CODE	COURSE OF STUDY	L	T	P	C
1.	AR501	PROFESSIONAL PRACTICE – I	3	-	-	3
2.	AR503	HUMAN SETTLEMENT SCIENCE – II	3	-	-	3
3.	AR505	ARCHITECTURAL DESIGN – VIII *	-	-	14	7
4.	AR507	ENVIRONMENT & BEHAVIOR	3	-	-	3
5.	AR509	URBAN DESIGN	3	-	-	3
6.		ELECTIVE - IV	2	-	2	3
7.		ELECTIVE - V	2	-	-	2
			16	-	16	24

**SEMESTER – X**

SL. NO.	CODE	COURSE OF STUDY	L	T	P	C
1.	AR502	PROFESSIONAL PRACTICE – II	3	-	-	3
2.	AR504	CONSTRUCTION MANAGEMENT	3	-	-	3
3.	AR506	DISSERTATION	-	-	32	16
			6	-	32	22

LEGEND L - Lecture, T - Tutorial, P - Practical/Studio/Laboratory, C – Credit

\* A Minimum of **E GRADE** is required in this subject for moving to the next higher semester

## LIST OF ELECTIVES

SL. No.	SEM.	ELECT.	CODE	ELECTIVES	L	T	P	C
1	V	I	AR351	VERNACULAR ARCHITECTURE	-	-	4	2
2			AR353	PAINTING	-	-	4	2
3	VI	II	AR352	ADVANCED COMPUTER APPLICATIONS	-	-	4	2
4			AR354	GRAPHIC DESIGN	-	-	4	2
5				ANY ONE ELECTIVE COURSE FROM OTHER DEPARTMENTS	3	-	-	3
6	VIII	III	AR452	INTERIOR DESIGN	-	-	4	2
7			AR454	ENVIRONMENTAL CONTROL & DESIGN WORKSHOP	-	-	4	2
8				ANY ONE ELECTIVE COURSE FROM OTHER DEPARTMENTS	3	-	-	3
9	IX	IV	AR551	ENERGY EFFICIENT BUILDINGS	2	-	2	3
10			AR553	HOUSING	3	-	-	3
11	IX	V	AR557	ARCHITECTURE CRITICISM	2	-	-	2
12			AR559	LANDSCAPE DESIGN	-	-	4	2

LEGEND L - Lecture, T - Tutorial, P - Practical/Studio/Laboratory  
C - Credit

**NOTE : THE MINIMUM PRESCRIBED CREDITS FOR THE AWARD OF B.ARCH. DEGREE IS 214.**