

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE – 638060

(Autonomous)

REGULATIONS 2025

CHOICE BASED CREDIT SYSTEM AND OUTCOME BASED EDUCATION

BACHELOR OF ARCHITECTURE – FULL TIME PROGRAMME

These regulations are applicable to all candidates admitted into B.Arch Degree programme from the academic year 2025-26 onwards.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In this Regulation, unless otherwise specified:

- i. “University” means ANNA UNIVERSITY, Chennai.
- ii. “College” means KONGU ENGINEERING COLLEGE.
- iii. “Programme” means Bachelor of Architecture (B.Arch) Degree programme.
- iv. “Branch” means Architecture.
- v. “Course” means a Theory / Theory cum Studio / Studio course that is normally studied in a semester like Introduction to Architecture, Geometrical Drawing etc.
- vi. “Credit” means a numerical value allocated to each course to describe the candidate’s workload required per week.
- vii. “Grade” means the letter grade assigned to each course based on the marks range specified.
- viii. “Grade point” means a numerical value (0 to 10) allocated based on the grade assigned to each course.
- ix. “Principal” means Chairman, Academic council of the college.
- x. “Controller of Examinations (COE)” means authorized person who is responsible for all examination related activities of the College.
- xi. “Head of the Department (HOD)” means Head of the Department concerned.

2. PROGRAMME AND BRANCH OF STUDY

The following programme and branch of study approved by Anna University, Chennai and Council of Architecture, New Delhi is offered by the College.

Programme	Branch
B.Arch	Architecture

3. ADMISSION PROCEDURE

3.1 Candidates seeking admission to the first semester of the ten semester B.Arch Degree Programme:

Should have passed the Higher Secondary Examinations of (10+2) Curriculum (Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects of study under Part-III with at least 50 per cent aggregate marks in Physics, Chemistry and Mathematics and also at least 50 per cent marks in aggregate of the 10+2 level examination or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

(OR)

Should have passed the 10+3 Diploma Examination recognized by the Central / State Government with Mathematics as compulsory subject with at least 50 per cent marks in aggregate.

3.2 Notwithstanding the qualifying examinations the candidate shall have passed, an aptitude test as specified by the Council of Architecture in the Minimum Standards of Architectural Education and Regulations.

3.3 Weightage of marks in the matter of admissions shall be 50 per cent marks for aptitude test and 50 per cent marks for the qualifying examination.

3.4 The above clauses are based on principal regulations of Council of Architecture (Minimum Standards of Architectural Education) Regulations, 2020. Any modifications in the same notified by the Council of Architecture will be in operation from time to time.

4. STRUCTURE OF PROGRAMME

4.1 The B.Arch Programme will have a curriculum with syllabi consisting of theory, theory cum studio and studio courses that shall be categorised as follows:

- (i) **Professional Core Courses (PCC):** Courses that should compulsorily be studied as a core requirement.
- (ii) **Building Sciences and Applied Engineering Courses (BSC and AEC):** Courses that supports the Professional Core should compulsorily be studied.
- (iii) **Professional Elective Courses (PEC):** Elective Courses that are very specific or specialised or advanced or supportive to the discipline or which provides an extended scope. Professional Elective courses are offered under verticals (specialisation groups).
- (iv) **Open Elective (OE) Courses**
- (v) **Professional Ability Enhancement Courses (PAEC):** which may be of two kinds -Professional Ability Enhancement Compulsory Courses (PAECC) and Skill Enhancement Courses (SEC)
- (vi) **Value Added Courses (VAC)** are offered to the students optionally to provide additional value to the programme, for enhancing the knowledge and skills of the student.
- (vii) **Off Campus Courses (OC)** are the courses that can be undergone by the student, offered by other institutions.
- (viii) **Audit Courses (AC)**
- (ix) **Mandatory Course (MC)** like Student Induction Program.

4.2

All students shall enroll, on admission, in any one of the personality and character development programmes NCC/NSS/NSO/YRC and undergo training / conduct activities for about 80 hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid. Alternately, activities of science, literature and arts also help for personality and character development. So, students shall conduct and participate actively in Science club/Literary Forum/Fine Arts activities for 80 hours and participate in at least ONE event.

National Cadet Corps (NCC) will have about 20 parades.

National Service Scheme (NSS) will have social service activities in and around the College / Institution.

National Sports Organization (NSO) will have sports, Games, Drills and Physical exercises.

Youth Red Cross (YRC) will have activities related to social services in and around College/Institution.

While the training activities will normally be during weekends, the camp will normally be during vacation period.

Science club shall organise activities of popularisation of science and scientific temper through astronomy, works of great scientists from India and abroad, observing National Science Day, etc.

Literary Club like 'Tamil Mandram' shall be formed which shall organise colourful literary events to propagate good humanist values, morals and ethics reflected in the literature.

Fine Arts Club like music, painting and documentary films with social themes shall be

encouraged.

Students who enroll and take active participation in anyone of the above activities for 80 hours and organise atleast one event/ programme will be given a certificate by the Head of the Institution and the copy of the same shall be forwarded to the Controller of Examinations for the purpose of record and scrutiny.

No fee shall be charged for all these activities.

4.3 Number of courses per semester

Each semester curriculum, except Practical Training and Thesis Semester, shall normally have a blend of 3- 4 theory courses, 1-2 Theory cum Studio Courses and 1-2 Studio Courses. The total number of courses per semester shall not exceed 7 and total credit per semester shall not exceed 36.

4.4 Credit Assignment

Each course is assigned certain number of credits based on the following:

Contact Periods per Week	Credits
1 Lecture Period	1
1 Tutorial Period	1
Practical/ Studio Period	1
40 Hours Industrial Training	1
4 Weeks duration of SWAYAM, - NPTEL	1

The minimum number of credits to complete the B.Arch programme is 273.

4.5 Study Visits/ Tours

4.5.1 Students shall undertake one rural visit as part of their Rural Habitat Design Studio in the IV semester.

4.5.2 Students shall undertake mandatory Educational Tour which is a credited course in the VIII Semester. The Educational Tour will be directed towards understanding specific place(s) of architectural and cultural significance as a totality.

4.5.3 Students shall also undertake other study visits for various courses as arranged during the course of the B. Arch Degree Programme.

4.6 Value Added Courses

These courses shall carry one credit each and shall be offered by the college with the prior approval from respective Board of Studies. A candidate can earn a maximum of six credits through these courses during the entire duration of the programme. A candidate can register for only one such course in each semester.

4.7 Off campus courses

Candidates may be permitted to earn credits for off campus courses, offered by NPTEL / SWAYAM / a University / Other Agencies, approved by respective Board of Studies and Academic council of the college. Students are also permitted to study courses of a

particular semester in a University / Institution abroad based on MoU. A learning agreement shall be evolved to map all the courses offered in the programme and the courses offered in University abroad. The credits earned by the students in the University abroad shall be transferred as per the learning agreement.

- 4.7.1** Students are permitted to optionally enroll and study the courses in physical / hybrid/ online modes offered by reputed Central / State funded Universities / Institutions in top 20 positions in the latest NIRF ranking and also conducting examination towards award of marks and grades. (NIRF Ranking of any of the last three years with respect to the year in which course is to be registered; NIRF ranking is based on respective stream for professional elective courses and based on any stream for open elective course).

Students are also permitted to enroll and undergo such courses in Online mode at Universities abroad in top 500 in QS ranking in the last three years. Students are also permitted to study courses of a particular semester in a University / Institution abroad based on MoU. A learning agreement shall be evolved to map all the courses offered in the programme and the courses offered in University abroad as per the procedure outlined by the Centre for Academic Courses.

- 4.7.2** The credits earned by the students in the University abroad shall be transferred as per the learning agreement.

In the case of 4.7.1, the students can enroll for the courses with the approval of Head of the Institution only if the course is offered directly by Institution/University and not with the edutech platforms.

The approval shall be obtained from BOS and Academic Council for Credit Transfer.

- 4.7.3** Students are also permitted to enroll and study the courses in physical/hybrid mode (not less than 50% in physical mode) that are offered by
- 4.7.3(i) National/State funded research institutions/ laboratories and
 - 4.7.3(ii)(a) reputed companies related to the programme, and
 - 4.7.3(ii)(b) reputed companies involved in transfer of knowledge provided the knowledge transferring company is a spinoff from an Architecture or allied /Planning/ Engineering /Technology practicing Industry and sharing the work experience of the respective industry.

The companies mentioned in **4.7.3** (ii) (a) and the company with which the knowledge transfer company associated in the case of **4.7.3** (ii) (b) should have average annual turnover of more than 200 crores over a period of 5 years. However, the academic content and delivery shall be in consonance with the University academic standards and norms.

The minimum qualification of the course instructor from the company as mentioned in 4.7.3 (ii) (a) shall be UG in the relevant degree of the course with 10 years of research / industrial experience and it shall be minimum of PG degree in the case of National/State laboratories and companies mentioned in 4.7.3 (ii) (b). Such courses shall be offered through MOU / MOA between KEC and such institutions/ organizations/ industries/companies. The design of the courses with regard to the syllabus content, duration of each course and number of credits offered for each course shall be discussed and recommended by approved by the academic council of the college as per the Regulations.

For the offer of each course under 4.7.3, a course coordinator shall be nominated from the Department who shall also attend such course and shall be the question paper setter (with the support of course instructor from research institution / laboratories / industry / company) for the end semester examination conducted by the University and shall be the evaluator.

The continuous assessments shall be conducted by the course coordinator with the help of course instructor from the research institutions/ laboratories/ industry/ company. The passing requirements are as per regulations.

4.8 Self-Study Courses

The Department may offer an elective course in the regular curriculum as a self-study course. However, mode of assessment for a self-study course will be the same as that used for other courses. The candidates shall study such courses on their own under the guidance of member of the faculty following due approval procedure. Self-study course is limited to one per semester.

4.9 Mandatory courses

The student shall study the mandatory courses prescribed in the curriculum and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.10 Medium of Instruction

The medium of instruction is English for all courses, examinations, thesis/ dissertation reports.

4.11

The elective courses in the final year may be exempted if a candidate earns the required credits vide clause 4.6, 4.7 and 4.8 by registering the required number of courses in advance. Maximum of two elective courses in a semester can be permitted to exempt in the final year of the respective programme.

4.12

A candidate can earn a maximum of 30 credits through all one credit courses, off campus courses and self-study courses during the entire duration of the programme.

5. DURATION OF THE PROGRAMME

5.1

A student is ordinarily expected to complete the B.Arch. Programme in 10 semesters (5academic years) but in any case, not more than 16 Semesters (8 years). However, in special circumstances, a student may be granted an extra 1 year by the University to complete the programme. This shall be given only once to the student and treated as zero year.

5.2

Each semester shall normally consist of 90 working days. The Head of the department shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.

5.3

The Head of the department may conduct additional classes for improvement, special coaching, conduct of model test etc., over and above the specified periods. But for the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 6) by the students, following method shall be used.

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per semester}}{\text{Total no. of actual periods in all the courses per semester}} \times 100$$

The End Semester Examination will normally follow immediately after the last working day of the semester as per the academic schedule prescribed from time to time.

5.4

The total period for completion of the programme reckoned from the commencement of the first semester to which the student was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study (vide clause 21) in order that he/ she may be eligible for the award of the degree (vide clause 18).

6 COURSE REGISTRATION

6.1

The department is responsible for registering the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester with the facility to drop non-pre-requisite courses to a maximum of 6 credits (vide Clause 6.2). Courses that are pre-requisites for moving to higher semester (vide Clause 16) cannot be dropped. The courses dropped in earlier semesters can be registered in the subsequent semesters when offered.

The registration details of the students shall be approved by the Head of the department

and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations.

The courses that a student registers in a particular semester may include

- i. Courses of the current semester.
- ii. Courses dropped in the lower semesters that are not pre-requisites to moving to higher semester.

The maximum number of credits registered in a semester is 36.

However, this does not include the number of Re-Appeal (RA) and Withdrawal (W) courses registered by the student for the appearance of Examination.

6.2 Flexibility to Drop courses

6.2.1 A student has to earn the total number of credits specified in the curriculum in order to be eligible to obtain the degree.

6.2.2 From the second to final semesters, a student has the option of dropping existing non-pre-requisite courses in a semester during registration. Courses that are pre-requisites to moving to higher semester (vide Clause 16) cannot be dropped. Total number of credits of such dropped courses shall not exceed 6 per semester. A student is permitted to drop the course(s) within 30 days of the commencement of the academic schedule.

6.2.3 A student shall register for Practical Training in the IX semester only and Thesis in the X semester only.

6.3 Choice of Professional Elective Course

The professional Elective Courses are listed in the Curriculum in Table format as verticals (Specialization groups). A student can choose all the Professional Elective Courses either from one of the verticals or a combination of courses from all verticals.

7 ATTENDANCE REQUIREMENTS FOR COMPLETION OF THE SEMESTER

7.1 A student who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester.

Ideally every student is expected to attend all classes of all the courses and secure 100% attendance. However, in order to give provision for certain unavoidable reasons such as medical / participation in sports, the student is expected to attend at least 80% of the classes. Therefore, he/she shall secure not less than 80% (after rounding off to the nearest integer) of overall attendance as calculated as per clause 5.3.

7.2. However, a student who secures overall attendance between 70% and 79% in the current semester due to medical reasons (prolonged hospitalisation / accident / specific illness) may be permitted to appear for the current semester examinations with the approval of the Principal on payment of a condonation fee as may be fixed by the authorities from time to time. The medical certificate needs to be submitted along with the leave application. A candidate can avail this provision only twice during the entire duration of the degree programme.

7.3 In addition to clause 7.1 or 7.2, a candidate shall secure not less than 60 % attendance in each course.

- 7.4 Students who secure less than 70% overall attendance and students who do not satisfy the clauses 7.1, 7.2 and 7.3 shall not be permitted to write the End Semester examination at the end of the semester and not permitted to move to the next semester. They are required to repeat the incomplete semester in the next academic year, as per the norms prescribed.

8. CLASS ADVISOR

There shall be a class advisor for each class. The class advisor will be one among the course-instructors of the class. He / She will be appointed by HoD of the department concerned. The class advisor is the ex-officio member and the Convener of the class committee. The responsibilities for the class advisor shall be:

- To act as the channel of communication between the HoD and the students of the respective class.
- To collect and maintain various statistical details of students.
- To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- To monitor the academic performance of the students including attendance and to inform the class committee.
- To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

9. CLASS COMMITTEE

- 9.1 Every class shall have a class committee consisting of teachers of the class concerned, student representatives and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching- learning process. The functions of the class committee include

- Solving problems experienced by students in the class room and in the laboratories.
- **Clarifying the regulations of the degree programme and the details of rules therein (particularly clause 5 and 7) which should be displayed on college Notice-Board.**
- Informing the student representatives about the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- Informing the student representatives about the details of Regulations regarding weightage used for each assessment. The breakup of marks for each exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.
- Analysing the performance of the students of the class after each assessment and finding the ways and means of solving problems, if any.
- Identifying the slow-learners, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such students.

- 9.2 The class committee for a class is normally constituted by the Head of the Department.

- 9.3 The class committee shall be constituted within the first week of each semester.

- 9.4 At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the

class committee, covering all the elective courses.

- 9.5 The chairperson of the class committee may invite the class advisor(s) and the Head of the Department to the class committee meeting.
- 9.6 The Head of the Institution may participate in any class committee meeting of the Institution.
- 9.7 The chairperson is required to prepare the minutes of every meeting, submit the same to Head of the Institution within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the Management by the Head of the Institution.
- 9.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. **The Class Committee Chairperson shall display the cumulative attendance particulars of each student on the Notice Board at the end of every such meeting to enable the students to know their attendance details to satisfy the clause 7 of the Regulations.** During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

10. COURSE COMMITTEE FOR COMMON COURSES

Each common course offered to more than one group, shall have a “Course Committee” comprising of all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the Course Coordinator shall be made by the Head of the Department. The Course Committee shall meet in order to discuss about details of assessments and also arrive at a common scheme of evaluation in case of test and shall ensure a uniform evaluation of the tests. Wherever feasible, the course committee may also prepare a common question paper for the Continuous assessment test(s).

11. SYSTEM OF ASSESSMENT

- 11.1** The B.Arch. programme consist of Theory Courses, Theory cum Studio courses, Studio courses, Comprehensive Test and Viva, Dissertation, Thesis, Industrial Training /Professional Skills Training and Internship/In-plant Training. Performance in each course of study shall be evaluated based on (i) Continuous Assessments (CA) throughout the semester and (ii) End Semester Examination (ESE) at the end of the semester except for the courses which are evaluated based on continuous assessment only. Each course shall be evaluated for a maximum of 100 marks as shown below:

Sl. No.	Category of Course	Continuous Assessment Marks	End Semester Examination Marks
1.	Theory courses	40	60
2.	Theory cum Studio courses (The distribution of marks shall be decided based on the credit weightage assigned to theory and Studio components.)	50	50
3.	Studio courses	60	40
4.	Educational Tour /Value Added Courses /Professional Skills Training / Comprehensive Test & Viva / Mandatory Course/ Yoga and Values for Holistic Development/ Heritage of Tamils (HT)/ Tamils and Technology (TT)	100	---
5.	Practical Training, Dissertation and Thesis	50	50
6.	One credit Course	The distribution of marks shall be decided based on the credit weightage assigned	
7.	All other Courses		

- 11.2** Examiners for setting end semester examination question papers for theory courses, theory cum Studio courses and Studio courses and evaluating end semester examination answer scripts, practical training, dissertation and thesis shall be appointed by the Controller of Examinations after obtaining approval from the Principal.
- 11.3** The total period of completion of the programme reckoned from the commencement of the semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5 irrespective of the period of break of study in order to qualify for the award of the degree.

12. PROCEDURE FOR AWARDING MARKS FOR CONTINUOUS ASSESSMENT

12.1 Continuous Assessment for Theory Courses (Including Elective Theory Courses)

For all theory courses out of 100 marks, the continuous assessment shall be 40 marks and the end semester examination shall be for 60 marks. However, the end semester examinations shall be conducted for 100 marks and the marks obtained shall be reduced to 60. The continuous assessment tests shall be conducted as per the schedule laid down in the academic schedule. The tests shall be conducted for a maximum of 50 marks each and converted to a maximum of 20 marks each. The total of the continuous assessment marks and the end semester examination marks shall be rounded off to the nearest integer.

12.1.1 The assessment pattern for awarding continuous assessment marks shall be as follows:

Sl. No.	Type	Max. Marks	Remarks
1.	Test - I	20	Average of two tests (20 marks)
2.	Test - II		
3.	Term work & Self learning: (Tutorial / Problem Solving / Simulation / Micro Project / Assignment / Seminar / Case Studies / Online courses / Industrial visit /Any other relevant to the course)	15	Type of assessment is to be chosen based on the nature of the course and to be approved by Principal
4.	Others: Paper Presentation in Conference / Comprehension / Activity based learning / Class notes	05	To be assessed by the Course Teacher based on any one type.
Total		40	Rounded off to the one decimal place

However, the assessment pattern for awarding the continuous assessment marks may be changed based on the nature of the course and it is to be approved by the Principal.

12.1.2 A reassessment test or term work covering the respective test or term work portions may be conducted for those candidates who were absent with valid reasons (Sports or any other reason approved by the Principal).

12.1.3 The end semester examination for theory courses shall be for a duration of three hours and shall be conducted between November and January during odd semesters and between April and June during even semesters of every year.

12.2 Continuous Assessment for Theory Cum Studio Courses (Including Elective Theory Cum Studio Courses)

For all theory cum studio courses out of 100 marks, the continuous assessment shall be 50 marks and the end semester examination shall be for 50 marks. However, the end semester examinations shall be conducted for 100 marks and the marks obtained shall be reduced to 50. The continuous assessment tests shall be conducted as per the schedule laid down in the academic schedule. The tests shall be conducted for a maximum of 50 marks each and converted to a maximum of 20 marks each. The total of the continuous assessment marks and the end semester examination marks shall be rounded off to the nearest integer.

12.2.1 The assessment pattern for awarding continuous assessment marks shall be as follows:

Sl. No .	Type	Max. Marks	Remarks
1.	Test – I	20	Average of two tests (20 marks)
2.	Test – II		
3.	Assignment: (Drawings (or) Seminars (or) Case Studies (or) Any other relevant to the course)	25	Type of assessment is to be chosen based on the nature of the course by the Course Teacher
4.	Others: Paper Presentation in Conference / Comprehension / Activity based learning / Class notes	05	To be assessed by the Course Teacher based on any one type.
Total		50	Rounded off to the one decimal place

12.3 Continuous Assessment for Studio Courses

For all studio courses out of 100 marks, the continuous assessment shall be 60 marks and the end semester examination shall be for 40 marks. However, the end semester viva-voce examinations shall be conducted for 100 marks and the marks obtained shall be reduced to 40. The design phases shall be conducted for a maximum of 50 marks each and converted to a maximum of 50 marks each. The continuous assessment shall be conducted as per the schedule laid down in the academic schedule.

12.3.1 The assessment pattern for awarding continuous assessment marks shall be as follows:

Sl. No.	Type		Max. Marks	Remarks
1.	Design Phases:		50	Average of two phases (50 marks)
	i)	Study Component		
	ii)	Design Development		
2.	Physical Model		05	To be assessed by the Course teacher.
3.	Others: Assignment / Paper Presentation in Conference / Seminar / Comprehension /Activity based learning / Class notes		05	To be assessed by the Course Teacher based on any one type.
Total			60	Rounded off to the one decimal place

12.4 Continuous Assessment for Practical Training

Every student shall in the IX Semester undergo Practical Training in the office of an architect or an organisation operating in an allied field of practice or research, duly approved by the institution, under mentorship of an architect having experience of at least 5 years. If any student is willing to get the training in a foreign country, he/she shall be permitted under the Registered Architect of that Country and monitored by the Head of the Department. Prior permission from the Head of the Institution is necessary for training in foreign countries.

Practical Training shall commence on the reopening day of the semester and conclude on the last working day of that semester as per the academic schedule of the institution.

Ideally every student is required to undertake the entire duration of Practical Training in the IX semester in a single architectural office. However, under unforeseen circumstances, if the student wishes to change his/ her place of Practical Training, the student shall be allowed to do so only once provided the student satisfies a minimum of 30 days Practical Training in one of the offices.

The Internal Assessment for the training period shall be based on the Monthly Progress Reports submitted by the students through the Training Office. These reports shall record the student's performance, attendance, and engagement during the training period. The Training Coordinator shall collect and compile the monthly reports and assess the overall performance of each student. The internal marks shall be awarded by the Training Coordinator based on the consolidated evaluation of these reports.

12.4.1 The assessment pattern for awarding the marks shall be as follows:

Continuous Assessment (Max. 50 marks)	End Semester Viva Voce Examination (Max. 50 Marks)	
Internal Faculty	External	Internal
50	40	10

12.5 Continuous Assessment for Dissertation

Dissertation will be supervised by Dissertation Supervisors. Topics for dissertation have to be chosen as outlined in the syllabus and submitted for approval on the date specified by the Head of the Department.

Three assessments shall be made by the Dissertation Supervisor during the semester by the Department. Each assessment shall incorporate continuous marking of the work and performance during the particular assessment period. The total marks obtained in the three assessments, shall be proportionately reduced for 50 marks and rounded to the nearest integer.

12.5.1 The assessment pattern for awarding the marks shall be as follows:

Continuous Assessment (Max. 50 Marks)						End Semester Viva Voce Examination (Max. 50 Marks)	
Review I (Max. 10 Marks)		Review II (Max. 20 Marks)		Review III (Max. 20 Marks)			
Review Panel	Supervisor	Review Panel	Supervisor	Review Panel	Supervisor	Internal	External
5	5	10	10	10	10	10	40

12.6 Continuous Assessment for Thesis

12.6.1 Every student has to submit Thesis proposals based on the syllabus for approval well before the commencement of the X Semester on a date specified by the Head of the Department.

12.6.2 The assessment pattern for awarding the marks shall be as follows:

Continuous Assessment (Max. 50 Marks)						End Semester Examination (Max. 50 Marks)	
Review I (Max. 10 Marks)		Review II (Max. 20 Marks)		Review III (Max. 20 Marks)			
Thesis Review Panel	Supervisor	Thesis Review Panel	Supervisor	Thesis Review Panel	Supervisor	Internal	External 1 & 2
5	5	10	10	10	10	10	40

12.6.3 Three reviews shall be made during the semester by the Department. Each review shall incorporate continuous marking of the work and performance during the particular assessment period. This consists of regular discussions with the Thesis Supervisor and periodic reviews before a Thesis Review Committee, with a minimum of three reviews. The Review Committee shall consist of the Thesis Coordinator, the Thesis Supervisor of the student and an External Member appointed by the Head of the Department. The marks obtained in the three reviews shall be reduced for 50 marks and finally rounded to the nearest integer. The end semester examination shall be conducted for a maximum of 100 marks and reduced to 50 marks. The appointment of examiners and the schedule shall be decided by the controller of examinations.

12.7 Assessment for Educational Tour

The Educational Tour shall be evaluated internally for 100 marks by a Committee based on a tour report submitted individually by every student after undertaking the Educational Tour. The Committee will consist of an internal faculty who accompanied the students on the Tour and an internal faculty nominated by the HOD. The report should convey an overall understanding of the place(s) through different modes as found appropriate- sketches, drawings, analysis, cognitive mapping, digital documentation, essays etc.,

Continuous Assessment (Max. 100 marks)	
Internal Faculty 1	Internal Faculty 2
50	50

12.8 Value Added Courses

For all one credit courses out of 100 marks, the continuous assessment shall be 50 marks and the model examination shall be for 50 marks. Minimum of two continuous assessments tests shall be conducted during the one credit course duration by the offering department concerned. Model examination shall be conducted at the end of the course.

12.9 Internal marks approved by the Head of the Institution shall be displayed by the respective HODs on the last working day of the semester.

12.10 Attendance Record

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each theory, theory cum studio or studio course, the assessment marks and the record of class work (topic covered), separately for each course. This should be submitted to the Head of the Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of assessment marks and attendance. The Head of the Department will put his/ her signature and date after due verification. At the end of the semester, the record should be verified by the Head of the Institution who will keep this document in safe custody (for five years).

12.11 Conduct of Academic Audit by every Institution

Every educational institution shall strive for a better performance of the students by conducting the continuous assessments as mentioned before.

In order to ensure the above, Academic Audit is to be done for every course taught during the semester. For the continuous assessments conducted for each course as per details provided in Clause 12, the academic records shall be maintained in the form of documentation of assignments, studies, drawings, etc., submitted by each student and assessment test question paper and answer script as required for each course. Further, the attendance of all students shall be maintained as a record.

Head of the Institution shall arrange to conduct the Academic Audit for every course in a semester by forming the respective committees with an external course expert as one of the members drawn from a Technical Institution of repute near the institute.

An inspection team appointed by the Principal may verify the records of Academic Audit report of the courses of both current and previous semesters, as and when required.

13 REQUIREMENTS FOR APPEARING FOR END SEMESTER EXAMINATIONS

- 13.1** A student shall normally be permitted to appear for the End semester Examinations for all the courses registered in the current semester (vide clause 6) if he/she has satisfied the semester completion requirements (as per Clause 7).
- 13.2** Further, examination registration is mandatory for all the courses in the current semester as well as for all arrear(s) course(s) for the End semester examinations failing which, the student will not be permitted to move to the higher semester.
- 13.3** A student who has already appeared for any course in a semester and passed the examination is not entitled to reappear in the same subject for improvement of grades.

14 END SEMESTER EXAMINATIONS

- 14.1** Examinations for Theory Courses (Including Elective Theory Courses) and for Theory cum Studio Courses (Including Elective Theory cum Studio Courses) will be of 3 hours duration.
- 14.2** Examinations for Studio Courses, Dissertation, Practical Training and Thesis will be through Viva Voce Examinations based on the portfolio / report submitted by the student comprising of study/ design drawings/ physical or virtual models/ research/ any other type of work done as applicable for the particular course.

The submission of portfolio/ report for Studio Courses and Dissertation shall be on or before the last working day of the semester.

The submission of portfolio/ report for Practical Training shall be within 7 calendar days from the last working day of the semester. If the date happens to be on a public holiday, the next working day may be considered for submission.

The Viva Voce Examinations will be conducted by the Examiners based on the project brief and methodology followed by the particular class within the scope of the syllabus

for the course.

14.3 For Studio Courses, the Viva Voce Examination for a batch of 40 will be conducted by a jury comprising of two External Examiners appointed by the COE with the weightage of marks given by each being 50%:50% of the marks for the examination.

14.4 For Practical Training, the Viva Voce Examination for a batch of 40 will be conducted by a jury comprising of an External Examiner appointed by the COE and the Practical Training Coordinator of the batch with the weightage for each being 80%:20% of the marks for the examination respectively.

14.5 For Dissertation, the Viva Voce Examination for a batch of 40 will be conducted by a jury comprising of an External Examiner appointed by the COE and the Internal examiner with the weightage for each being 80%:20% of the marks for the examination respectively.

14.6 For Thesis, the Viva Voce Examination for a batch of 40 will be conducted by a jury comprising of two External Examiners appointed by the COE, and an Internal Examiner with the weightage for each being 80%:20% of the marks for the examination respectively

14.7 Revaluation

A candidate shall apply for a photocopy of his / her semester examination answer script within a reasonable time from the declaration of results, on payment of a prescribed fee by submitting the proper application to the Controller of Examinations. The answer script shall be pursued and justified jointly by a faculty member who has handled the course and the course coordinator and recommended for revaluation. Based on the recommendation, the candidate can register for revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for revaluation and the results will be intimated to the candidate concerned. Revaluation is permitted only for Theory courses and Theory cum Studio courses where end semester examination is involved.

15. PASSING REQUIREMENTS

15.1 Theory Courses (Including Elective Theory Courses) and Theory cum Studio Courses (including Elective Theory cum Studio Courses)

15.1.1. A student who secures not less than 50% of total marks prescribed for the course [Continuous Assessment + End Semester Examinations] with a minimum of 45% of the marks prescribed for the End Semester Examination, shall be declared to have passed the course and acquired the relevant number of credits.

15.1.2 If the course, in which the student has failed is a professional elective/ open elective, the student can, in lieu of the course, also opt to register for any other professional elective/ open elective course, attend the classes, earn the continuous assessment marks, fulfil the attendance requirements as per Clause 6 and appear for the end semester examination. In this case, the previous registration stands cancelled and

henceforth the new professional elective/ open elective course is considered valid.

15.2 Studio courses, Dissertation & Thesis

15.2.1 A student who secures not less than 50% of total marks prescribed for the course [Continuous Assessment + End Semester Viva Voce Examinations] with a minimum of 50% of the marks prescribed for the End Semester Viva Voce Examination, shall be declared to have passed the course and acquired the relevant number of credits.

15.2.2 A student will fail to secure a pass in Studio Courses, Dissertation and Thesis if he/ she

- (i) has not submitted portfolio/ report within stipulated date.
- (ii) has submitted the portfolio/ report within stipulated date, appeared for the viva voce exam, but has failed to secure the passing marks as per Clause 15.2.1.
- (iii) has submitted the portfolio/ report within stipulated date, but was absent for the viva voce examination and has not obtained Withdrawal for the same (vide Clause 19).

15.2.3 A student who failed to secure a pass as per category 15.2.2 - ii, i.e., submitted portfolio/ report within stipulated date, appeared for exam, but did not obtain passing marks, can attend a Subsequent Viva Voce exam with improved portfolio/ report submitted within 30 days from the publication of the results.

A student who failed to secure a pass as per category 15.2.2 - iii, i.e., submitted portfolio/ report within stipulated date, but was absent for exam, can attend a Subsequent Viva Voce exam with the portfolio/ report that was already submitted. There is no option to submit improved portfolio/ report. Subsequent Viva Voce Exam is considered as reappearance with payment of exam fee.

15.2.4 A student who failed to secure a pass as per category 15.2.2- i, i.e., did not submit portfolio/ report within stipulated date, is not eligible for Subsequent Viva Voce examination. He/ she shall repeat the course, only along with the regular students when the course is offered next, fulfill attendance requirements, secure fresh internal assessment, submit the portfolio/ report and appear for the End Semester Viva-Voce examination. In case of Design Studio Courses, the student shall not be permitted to proceed to the higher semester as given in Clause 16.

15.2.5 If a student obtains Withdrawal from a Viva Voce examination (vide Clause 19), he/ she can attend a Substitute Viva Voce exam with the portfolio/ report that was already submitted. There is no option to submit improved portfolio/ report.

Substitute Viva Voce Exam is considered as a regular attempt and not a reappearance.

15.2.6 If a student eligible for improved portfolio/report does not make a submission within stipulated date, or if a student eligible for Subsequent or Substitute Viva-voce Examination is absent for the same, or if a student fails to secure passing marks after the completion of Subsequent or Substitute Viva-voce Examination, he/ she shall repeat the course, only along with the regular students when the course is offered next, fulfill attendance requirements, secure fresh internal assessment, submit the portfolio/report and appear for the End Semester Viva-Voce examination. In case of Design Studio

Courses, the student shall not be permitted to proceed to the higher semester as given in Clause 16.

15.3

Practical Training

15.3.1 A student who secures not less than 50% of total marks prescribed for the course [Continuous Assessment + End semester Viva Voce Examinations] with a minimum of 50% of the marks prescribed for the End Semester Viva Voce Examination, shall be declared to have passed the course and acquired the relevant number of credits.

15.3.2 A student will fail to secure a pass in Practical Training if he/ she

- (i) has not submitted portfolio/ report within the stipulated date.
- (ii) submitted the portfolio/ report within the stipulated date, attended the viva voce exam, but failed to secure the passing marks as per Clause 15.3.1.
- (iii) submitted the portfolio/ report within the stipulated date, but was absent for the viva voce exam and has not obtained Withdrawal for the same (vide Clause 19).

15.3.3 A student who failed to secure a pass as per category 15.3.2 - iii, i.e., submitted portfolio/ report within stipulated date, but was absent for exam, can attend a Subsequent Viva Voce exam with the portfolio/ report that was already submitted. There is no option to submit improved portfolio/ report.

Subsequent Viva Voce Exam is considered as reappearance with payment of exam fee.

15.3.4 A student who failed to secure a pass as per category 15.3.2- i, i.e., did not submit portfolio/ report within stipulated time or 15.3.2 – ii, i.e., submitted portfolio/ report within stipulated time, appeared for exam, but did not obtain passing marks, is not eligible for Subsequent Viva Voce examination. He/ she shall repeat the course, only along with the regular students when the course is offered next, fulfill attendance requirements, secure fresh internal assessment, submit the portfolio/ report and appear for the End Semester Viva-Voce examination. The student shall not be permitted to proceed to the higher semester as given in Clause 16.

15.3.5 If a student obtains Withdrawal from the Viva Voce examination (vide Clause 19), then he/ she can appear for a Substitute Viva Voce Exam with the portfolio/ report that was already submitted. There is no option to submit improved portfolio/ report. Substitute Viva Voce Exam is considered as a regular attempt and not a reappearance.

15.3.6 If a student eligible for Subsequent or Substitute Viva-voce Examination is absent for the same, or if a student fails to secure passing marks after the completion of Subsequent or Substitute Viva-voce Examination, he/ she shall repeat the course, only along with the regular students when the course is offered next, fulfill attendance requirements, secure fresh internal assessment, submit the portfolio/ report and appear for the End Semester Viva-Voce examination. The student shall not be permitted to proceed to the higher semester as given in Clause 16.

15.4 Educational Tour and Value-Added Courses

15.4.1 The passing requirement for the courses which are assessed only through purely internal assessments (Educational Tour and Value-Added Course) is 50% of the internal assessment marks only.

15.4.2 In case a student fails to secure a pass in the course Educational Tour, he/ she shall repeat the Educational Tour when offered next.

16. REQUIREMENTS FOR MOVING TO A HIGHER SEMESTER

16.1 A student of the B.Arch. shall move to the higher semester if he/ she satisfies the following conditions.

To move to:

- I. II semester, a pass is required in Foundational Design Studio in Semester I
- II. III semester, a pass is required in Basic Space Design Studio in Semester II
- III. IV semester, a pass is required in Advanced Space Design Studio in Semester III
- IV. V semester, a pass is required in Rural Habitat Design Studio in Semester IV
- V. VI semester, a pass is required in Urban Architecture Design Studio in Semester V
- VI. VII semester, a pass is required in Environmental Design Studio in Semester VI
- VII. VIII semester, a pass is required in Critical Design Studio in Semester VII
- VIII. IX semester, a pass is required in Urbanism and Architecture Design Studio in Semester VIII as applicable.

IX. X semester, a pass is required in Practical Training in Semester IX as applicable.

16.2 A student shall move to the next higher semester if he/ she has satisfied the semester completion requirements (vide Clause 7.0).

17. AWARD OF LETTER GRADES

For all the passed candidates, the relative grading principle is applied to assign the letter grades.

17.1

Marks / Examination Status	Letter Grade	Grade Point
Based on the relative grading	O (Outstanding)	10
	A+ (Excellent)	9
	A (Very Good)	8
	B+ (Good)	7
	B (Average)	6
	C (Satisfactory)	5
Less than 50	U (Reappearance)	0
Successfully Completed	SC	0
Withdrawal	W	-
Absent	AB	-
Shortage of Attendance in a course	SA	-

The Grade Point Average (GPA) is calculated using the formula:

$$\text{GPA} = \frac{\sum[(\text{course credits}) \times (\text{grade points})] \text{ for all courses in the specific semester}}{\sum(\text{course credits}) \text{ for all courses in the specific semester}}$$

The Cumulative Grade Point Average (CGPA) is calculated from first semester (third semester for lateral entry candidates) to final semester using the formula.

$$\text{CGPA} = \frac{\sum[(\text{course credits}) \times (\text{grade points})] \text{ for all courses in all the semesters so far}}{\sum(\text{course credits}) \text{ for all courses in all the semesters so far}}$$

The GPA and CGPA are computed only for the candidates with a pass in all the courses.

The GPA and CGPA indicate the academic performance of a candidate at the end of a semester and at the end of successive semesters respectively.

A grade sheet for each semester shall be issued containing Grade obtained in each course, GPA and CGPA. A duplicate copy, if required can be obtained on payment of a prescribed fee and satisfying other procedure requirements.

Withholding of Grades: The grades of a candidate may be withheld if he/she has not cleared his/her dues or if there is a disciplinary case pending against him/her or for any other reason.

17.2 The CGPA earned shall be converted into percentage of marks as follows:

$$\text{Percentage of Marks} = \text{CGPA} \times 10.$$

17.3 For all the theory courses, if the number of students who have passed the course is less than 30, then absolute grading shall be followed with the grade range as given below. For the Project Work / Internship, Studio courses, courses specified under clause 4.6 and the courses which are evaluated by continuous assessment methods without end semester examination, absolute grading procedure shall be followed as given below irrespective of the number of students who have passed the course.

Grade	O	A+	A	B+	B	C	U
Range of marks	91-100	81-90	71-80	61-70	56-60	50-55	<50

17.4 NPTEL COURSES

The marks obtained by a student in online course through NPTEL/ SWAYAM courses shall be converted to an equivalent grade. The corresponding range of marks for each grade shall be followed for these courses are tabulated as given below.

Grade	O	A+	A	B+	B	C	U
Range of marks	90-100	80-89	70-79	60-69	50-59	40-49	<40

17.5 Customized grading system shall be followed for all category of courses with the recommendation by the concerned Board of Studies and prior approval from Principal and Academic Council.

17.6 For the Co-curricular activities such as National Cadet Corps (NCC)/ National Service Scheme (NSS) / NSO / YRC / Science club / Literary Club/ Fine Arts Club a 'Completed' remark will appear in the Grade Sheet. Every student shall put in a minimum of 75% attendance in the training and attend the camp or events of the clubs compulsorily. The training and camp or club events shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement in the subsequent years.

Successful completion of any one of the above co-curricular activities is compulsory for the award of degree.

17.7 The grades O, A+, A, B+, B, C obtained for the one/ two credit course(s) (not part of the Curriculum) shall be figured in the Grade Sheet under the title '**Value Added Courses**'. For these courses, if the grades obtained are RA, SA, then it **shall not be figured in the Grade Sheet.**

17.8 For the students who complete the Mandatory Course satisfying attendance requirement, the title of the Mandatory Course will be mentioned in the Grade Sheet.

18. ELIGIBILITY FOR THE AWARD OF THE DEGREE

A candidate shall be declared to be eligible for the award of the B.Arch Degree provided the candidate has

- i. Successfully completed all the courses under the different categories, as specified in the regulations.
- ii. Successfully gained the required number of total credits as specified in the curriculum corresponding to the candidate's programme within the stipulated time (vide clause 5).
- iii. Successfully passed any additional courses prescribed by the respective Board of Studies whenever readmitted under regulations other than R-2025 (vide clause 21)
- iv. No disciplinary action pending against him / her.

19. CLASSIFICATION OF DEGREE AWARDED

19.1 First Class with Distinction

A candidate who qualifies for the award of the degree (vide clause 18) and who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction:

- i. Should have passed the examination in all the courses of all the ten semesters in the First Appearance within 12 consecutive semesters including the authorized break of study (vide clause 21) after the commencement of his / her study.
- ii. Withdrawal from examination (vide clause 20) shall not be considered as an appearance.
- iii. Should have secured a CGPA of not less than 8.50.

19.2 First Class

A candidate who qualifies for the award of the degree (vide clause 18) and who satisfies the following conditions shall be declared to have passed the examination in First class:

- i. Should have passed the examination in all the courses of all ten semesters within 6 years including authorized break of study (vide clause 21) after the commencement of his / her study.
- ii. Withdrawal from the examination (vide clause 20) shall not be considered as an appearance.
- iii. Should have secured a CGPA of not less than 6.50.

19.3 Second Class

All other students (not covered in clauses 19.1 and 19.2) who qualify for the award of the degree (vide Clause 18) shall be declared to have passed the examination in **Second Class**.

19.4 A student who is absent in end semester examination in a course after having registered for the same shall be considered to have appeared in that examination (except approved withdrawal from end semester examinations as per clause 20) for the purpose of classification.

20. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

20.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by Principal) be granted permission to withdraw from appearing for the end semester examination in any course or courses in **ANY ONE** of the end semester examinations during the entire duration of the degree programme. The application shall be sent to COE through the Head of the Institution with required documents.

20.2 Withdrawal application is valid only

- (i) If the student is otherwise eligible to write the examination, i.e, he/ she should have registered for the course, fulfilled the attendance requirements (vide clause 6) and earned continuous assessment marks. In case of withdrawal from a course with Viva Voce exams, the student is eligible for withdrawal only if she/ she has submitted portfolio/ report as per deadline.
- (ii) If it is made within TEN days after the date of the examination(s) in that course or courses and recommended by the Head of the Institution and approved by the Controller of Examinations.
Notwithstanding the requirement of mandatory 10 days' notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

20.3 In case of withdrawal from a course / courses, the course (s) will be figured both in Grade Sheet as well as in Result Sheet. However, withdrawal shall not be considered as an appearance for the eligibility of a student for First Class with Distinction.

20.4 If a student withdraws from writing the End Semester Examination(s) of Theory Courses (including Elective Theory Courses) / Theory cum Studio Courses (including Elective Theory cum Studio Courses), he/ she shall register for and write the examination(s) in the subsequent semester and this will be treated as regular attempt.

20.5 If a student withdraws from appearing for the End Semester Viva Voce Examination(s) of Studio Courses/ Practical Training/ Dissertation/ Thesis, he/ she shall appear for

Substitute Viva Voce examination(s) as per Clause 15 and this will be treated as regular attempt.

- 20.6** Withdrawal is permitted for the end semester examinations in the final semester, only if the period of study of the student concerned does not exceed the maximum period to be eligible for First class with Distinction as per Clause 19.1 and First Class as per Clause 19.2.

21. PROVISION FOR BREAK OF STUDY / TRANSFER FROM OTHER INSTITUTION

21.1 Provision for Break of Study

21.1.1 A candidate is normally permitted to avail the authorised break of study under valid reasons (such as accident or hospitalization due to prolonged ill health or any other valid reasons) and to rejoin the programme in a later semester. He/She shall apply in advance to the Principal, through the Head of the Department, stating the reasons therefore, in any case, not later than the last date for registering for that semester examination.

A candidate is permitted to avail the authorised break of study only once during the entire period of study for a maximum period of one year. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for the break of study.

21.1.2 The candidates permitted to rejoin the programme after break of study / prevention due to lack of attendance shall be governed by the rules and regulations in force at the time of rejoining.

21.1.3 The candidates rejoining in new Regulations shall apply to the Principal in the prescribed format through Head of the Department at the beginning of the readmitted semester itself for prescribing additional/equivalent courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.

21.1.4 The total period of completion of the programme reckoned from the commencement of the semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5 irrespective of the period of break of study in order to qualify for the award of the degree.

21.1.5 If any candidate is prevented for want of required attendance, the period of prevention shall not be considered as authorized break of study.

21.1.6 If a candidate has not reported to the college for a period of two consecutive semesters without any intimation, the name of the candidate shall be deleted permanently from the college enrollment. Such candidates are not entitled to seek readmission under any circumstances.

21.2 Transfer from Other Institutions

The candidate who has been transferred from other institutions can be allowed to join in any of the semester in all programmes. Such candidates shall apply to the Principal in the prescribed format through Head of the Department at the beginning of the admitted semester itself for prescribing additional/equivalent courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.

22. DISCIPLINE

- 22.1** Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the College. The Head of Institution shall constitute a disciplinary committee, to enquire into acts of indiscipline and notify the Head of the Institution about the disciplinary action recommended for approval.
- 22.2** If a student indulges in malpractice in any of the End semester / continuous examination he / she shall be liable for punitive action as prescribed by the college from time to time.

23. AMENDMENTS

Notwithstanding anything contained in this manual, the Kongu Engineering College through the Academic council of the College, reserves the right to modify/amend without notice, the Regulations, Curricula, Syllabi, Scheme of Examinations, procedures, requirements, and rules pertaining to its B.Arch programme.