



KARPAGAM UNIVERSITY
Karpagam Academy of Higher Education
(Established Under Section 3 of UGC Act 1956)

FACULTY OF ARCHITECTURE
DEGREE OF BACHELOR OF ARCHITECTURE
REGULAR PROGRAMME
REGULATIONS 2011

REGULATIONS
(2011)

Eachanari Post, Coimbatore – 641 021. INDIA
Phone : 0422-6453777, 6471113-5; Fax No : 0422 -2611043
Email : info@karpagamuniversity.ac.in
Web : www.karpagamuniv.com



KARPAGAM UNIVERSITY
(Established Under Section 3 of UGC Act 1956)
Eachanari post, COIMBATORE 641 021, INDIA

FACULTY OF ARCHITECTURE

DEGREE OF BACHELOR OF ARCHITECTURE

REGULAR PROGRAMME

REGULATIONS 2011

CREDIT SYSTEM

These regulations are effective from the academic year 2011-2012 and applicable to the candidates admitted to B. Arch during 2011-2012 and onwards.

1. ADMISSION

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

Should have compulsorily passed the National Aptitude Test in Architecture (NATA), and passed the Higher Secondary Examination of (10+2) Curriculum (Academic Stream) having secured minimum 50% in aggregate with Mathematics as one of the subjects as prescribed by the Council of Architecture, New Delhi.

(OR)

Should have compulsorily passed the National Aptitude Test in Architecture (NATA), and passed the Diploma (10+3) in any stream and having secured minimum 50% in aggregate as prescribed by the Council of Architecture, New Delhi.

1.2 Lateral Entry Admission

The candidates who possess the Diploma in Architecture / Engineering / Technology awarded by the State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for

admission only in the first semester of B.Arch. **No lateral entry admission** directly into the third semester is possible in this course.

1.3 Migration

The University may at its discretion permit B.Arch candidates from other institutions to migrate subject to the maximum number of students not exceeding the permitted maximum intake in a class.

2. PROGRAMMES OFFERED

2.1 A candidate may be offered a programme in the branch of study approved by the University and the Council of Architecture, New Delhi as given below.

List of Architecture Degree Programmes

1. B. Arch (Bachelor of Architecture) - 5 year duration

2.2 INTAKE

Total intake is 80 (i.e.40 in 2 batches) as approved by the Council of Architecture, New Delhi.

3. MODE OF STUDY

3.1 Full-Time:

In this mode of study, the candidates are required to attend regular classes (Monday to Friday) so as to satisfy University attendance and assessment requirements.

3.2 Part time mode of study is not permitted.

3.3 Conversion from one programme to another is not permitted.

4. STRUCTURE OF PROGRAMMES

4.1 Every Programme will have curricula with syllabi consisting of theory, studio and practical such as:

(i) General core courses comprising History and Theory of Architecture, Materials and Construction, Building Services.

- (ii) Core courses of Architectural Design, Graphics, Climatology, Urban Design, Interior and Landscape Design.
- (iii) Elective courses for specialization in related fields such as Planning, Construction Management, Conservation, Creative Management, and Architectural Journalism.
- (iv) Interdisciplinary courses such as Structures, Mathematics, Environmental Science, Urban Economics and Sociology, Survey and Levelling, Estimation and Costing, English etc.
- (iv) Workshop practice, computer applications, construction yard, practical training, seminar presentation, project work, educational tours, case studies etc.
- (v) NCC / NSS / NSO / YRC / NASA/ZONASA/CLUB activities for character development.

There shall be a certain minimum number of core courses and sufficient number of elective courses that can be opted by the student. The blend of different courses shall be so designed that the student, at the end of the programme, would have been trained not only in his / her relevant professional field but also would have developed as a socially conscious human being.

4.2 Each semester curriculum shall normally have a blend of lecture, studio and practical courses, not exceeding 8 in total per semester.

4.3 The prescribed credits required for the award of the degree shall be within the limits specified below.

PROGRAMME	PRESCRIBED CREDIT RANGE
B. Arch.	240 - 250

4.5 The medium of instruction for all Courses, Examinations, Seminars, Presentations and Project / Thesis / Dissertation reports is English.

5. DURATION OF THE PROGRAMME

- 5.1 A student is ordinarily expected to complete the B.Arch Programme in 10 semesters (five academic years) but in any case not more than 14 Semesters for all Candidates.
- 5.2 Each semester shall normally consist of minimum 90 working days excluding ESE days. The Dean shall ensure that every teacher imparts instruction as per the number of periods / hours specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.
- 5.3 The Dean may arrange 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 or writing the end semester examinations (as per clause 9) by the students 90 days conducted within the specified academic schedule alone shall be taken into account and the overall percentage of attendance shall be calculated accordingly.
- 5.4 The total period for completion of the programme reckoned from the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.

6. REQUIREMENTS FOR COMPLETION OF THE SEMESTER

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

- 6.1 Ideally every student is expected to attend all classes and secure 100% attendance. However, in order to allow for certain unavoidable reasons, the student is expected to attend at least 75% of the classes.
- 6.2 **However, a candidate who has secured attendance less than 75 % in the current semester due to any reason shall not be permitted to appear for the current semester examinations.**

But he/she will be permitted to appear for his/her arrear examinations, if any and he/she has to re do the current semester.

7. FACULTY ADVISOR

To help the students in planning their courses of study and for general advice on the academic programme, the Dean/Head of the Department will attach a certain number of students to a teacher of the Department who shall function as **Faculty Advisor** for those students throughout their period of study. Such Faculty Advisers shall advise the students and monitor the courses undergone by the students, check the attendance and progress of the students attached to him/her and counsel them periodically. If necessary, the faculty adviser may display the cumulative attendance particulars in the Department notice board and also discuss with or inform the Parents/Guardian about the progress of the students.

8. CLASS COMMITTEE

8.1. Every class shall have a class committee consisting of teachers of the class concerned, student representatives [two boys and two girls] and the concerned Dean/Head of the Department. 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 studios, class room and in the laboratories.
- Clarifying the regulations of the degree programme and the details of rules therein particularly clause 4 and 5 which should be displayed on department Notice-Board.
- Informing the student representatives the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / project work / seminar

etc.) the breakup of marks for each experiment / exercise /module of work, should be clearly discussed in the class committee meeting and informed to the students.

- Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
- Identifying the weak students, if any and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.

8.2 The class committee for a class under a particular branch is normally constituted by the Head of the Department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Dean.

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

8.4 At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee.

8.5 The Chairperson of the Class Committee may convene the meeting of the class committee.

8.6 The Dean may participate in any Class Committee of the institution.

8.7 The Chairperson is required to prepare the minutes of every meeting, submit the same to Dean 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 Registrar by the HOD through the Dean.

8.8 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. 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.

9.PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

9.1 Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture, studio or practical or project work class, the test 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 test marks and attendance. The Head of the Department shall sign with date after due verification. At the end of the semester, the record should be verified by the Dean who will keep this document in safe custody (for five years). Records of attendance and assessment of both current and previous semesters shall be submitted for Inspection to the team appointed by the University/any other approved body.

9.2 **Continuous Internal Assessment (CIA):** The performance of students in each subject will be continuously assessed by the respective teachers as per the guidelines given below:

9.2.1 THEORY COURSES:

S. No.	CATEGORY	MAXIMUM MARKS
1.	Assignments	10
2.	Attendance	5
3.	Seminar	5
3.	Test – I	10
4.	Test – II	10
Continuous Internal Assessment : TOTAL		40

9.2.2 PATTERN OF TEST QUESTION PAPER: (Theory courses)

INSTRUCTION	REMARKS
Maximum Marks	50 marks for all Tests
Duration	2 Hours
Part – A	Five mark Questions (5 x 4 = 20 Marks); Choice: 4 out of 6
Part- B	Ten mark Questions (10 x 3 = 30 Marks); Choice: 3 out of 5

9.2.3 PRACTICAL/STUDIO COURSES :

S. No	CATEGORY	MAXIMUM MARKS
1.	Assignments/Exercises	25
2.	Attendance	5
3.	Test – I or Internal Jury	5
4.	Test – II or Internal Jury	5
Continuous Internal Assessment: TOTAL		40*

* - proportionate increase for all categories will be based on the total marks allotted for Continuous Internal Assessment for the concerned course.

9.2.4 PATTERN OF TEST QUESTION PAPER: (Practical & Studio courses)

The test for practical and studio subjects shall be conducted as an examination and/or as an interim jury for 50 marks (duration: 6-8 hrs for design subjects; and 2-4 hrs for other subjects) comprising internal members of the department.

9.3 ATTENDANCE

Marks Distribution for Attendance

S. No.	Attendance %	Marks
1	80 % and above	5
2	Less than 80 %	0

10. REQUIREMENTS FOR APPEARING FOR UNIVERSITY EXAMINATION

A candidate shall normally be permitted to appear for the University Examination of any semester commencing from I semester if he/she has satisfied the semester completion requirements and has registered for examination in all courses of the semester. Registration is mandatory for Semester Examinations as well as Arrears Examinations failing which the candidate will not be permitted to move to the higher semester. A candidate already appeared for subjects or any subject in a semester and passed the examination is not entitled to reappear in the same subject or subjects of the semester for improvement of grades / marks.

11. UNIVERSITY EXAMINATIONS

End Semester Examination (ESE): End Semester Examination will be held at the end of each semester for each subject, which consists of 100 marks, later scaled down to 60 marks.

11.1 PATTERN OF ESE QUESTION PAPER: (Theory courses)

INSTRUCTION	REMARKS
Maximum Marks	100 marks for all Semester Examinations.
Duration	3 Hours
Part – A	Five mark Questions (10 x 5 = 40 Marks); Choice: 10 out of 15; i.e. 2 out of 3 from every unit.
Part- B	Twelve mark Questions (5 x 12 = 60 Marks); Choice: either or type (internal choice) with two questions from every unit.

11.2 PATTERN OF ESE QUESTION PAPER: (Practical & Studio courses)

The ESE for practical and studio subjects shall be conducted as an examination and/or as a final jury (viva-voce) for 100 marks (later scaled down to corresponding marks allotted) comprising external architect members from practice or teaching.

12. PASSING REQUIREMENTS

12.1 Passing minimum: There is no passing minimum for CIA. The passing minimum for End Semester Examination is 25 (i.e. out of 50 marks). The overall passing minimum for examination is 50 out of 100 marks (Sum of his/her score in internal and external examination).

12.2 If the candidate fails to secure a pass in a particular course as per clause 12.1, it is mandatory that candidate shall register and reappear for the examination in that course during the subsequent semester when examination is conducted in that course. Further the candidate should continue to register and reappear for the examination till a **pass** is secured in End Semester Examination of such arrear subjects.

The Continuous Internal Assessment marks obtained by the candidate in the first appearance shall be retained by the Office of the Controller of Examinations and considered valid for all subsequent attempts till the candidate secure a pass.

13. AWARD OF LETTER GRADES

13.1 All assessments of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the candidate in each subject as detailed below:

Letter grade	Marks Range	Grade Point	Description
O	90 - 100	10	OUTSTANDING
A	80-89	9	EXCELLENT
B	70-79	8	VERY GOOD
C	60-69	7	GOOD
D	50-59	6	AVERAGE
RA	<50		REAPPEARANCE

13.2 GRADE SHEET

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- i. The list of courses enrolled during the semester and the grade scored.
- ii. The Grade Point Average (**GPA**) for the semester and
- iii. The Cumulative Grade Point Average (**CGPA**) of all courses enrolled from first semester onwards.

GPA is the ratio of the sum of the products of the number of credits (**C**) of courses enrolled and the points corresponding to the grades (**GP**) scored in those courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester to the sum of the credits of all courses registered.

$$\text{GPA} = \frac{\text{Sum of [C * GP]}}{\text{Sum of C}}$$

CGPA will be calculated in a similar manner, considering all the courses enrolled from first semester. “**RA** grade will be excluded for calculating **GPA** and **CGPA**.”

13.3 Whenever students, having arrear subjects, appear for the end semester examination during which there are no regular batch of students writing the same subjects, then, the letter grades for the arrears subjects shall be awarded based on the range of marks.

13.4 REVALUATION

A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of the Department and Dean. **A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.** The Controller

of Examination will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Department and Dean. Revaluation is not permitted for Practical Courses, Seminars, Practical Training and for Project Work.

14. ELIGIBILITY FOR THE AWARD OF THE DEGREE

A student shall be declared to be eligible for the award of the Degree if he/she has

- Successfully gained the required number of total credits as specified in the Curriculum corresponding to his/her Programme within the stipulated time.
- No disciplinary action is pending against him/her.
- Successfully completed the thesis / practical training / study tours as prescribed in the curriculum.
- The award of the degree must be approved by the Board of Management.

15. CLASSIFICATION OF THE DEGREE AWARDED

15.1 A candidate who qualifies for the award of the Degree having passed the examination in all the courses in his/her first appearance within the specified minimum number of semesters securing a **CGPA of not less than 9.00** shall be declared to have passed the examination in **First Class with Distinction**. For this purpose the withdrawal from examination will not be construed as an appearance. Further, the authorized break of study will not be counted for the purpose of classification.

15.2 A candidate who qualifies for the award of the Degree having passed the examination in all the courses within the specified minimum number of semesters plus one year (two semesters), securing **CGPA of not less than 7.00** shall be declared to have passed the examination in **First Class**. For this purpose the withdrawal from examination will not be construed as an appearance. Further, the authorized break of study will not be counted for the purpose of classification.

15.3 All other candidates (not covered in clauses 15.1 and 15.2) who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

15.4 A candidate who is absent in semester examination in a course / project work after having enrolled for the same shall be considered to have appeared in that examination for the purpose of classification.

16. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

16.1 A candidate, may for valid reasons and on prior application, be granted permission to withdraw from appearing for the examination of any one course or consecutive examinations of more than one course in a semester examination.

16.2 Such withdrawal shall be permitted only once during the entire period of study of the degree programme.

16.3 Withdrawal application is valid only if it is made within 10 days prior to the commencement of the examination in that course or courses and recommended by the Head of the Department and Dean and approved by the Registrar.

16.3.1 Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

16.4 Withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction. This provision is not applicable to those who seek withdrawal during X semester.

16.5 Withdrawal from the End semester examination is **NOT** applicable to arrears subjects of previous semesters.

16.6 The candidate shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.

17. PROVISION FOR AUTHORISED BREAK OF STUDY

- 17.1 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme.** However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Registrar, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Department and Dean stating the reasons therefore and the probable date of rejoining the programme.
- 17.2 The candidate thus permitted to rejoin the Programme after the break shall be governed by the Curriculum and Regulations in force at the time of rejoining. Such candidates may have to do additional courses as per the Regulations in force at that period of time.
- 17.3 The authorized break of study (for a maximum of one year) will not be counted for the duration specified for passing all the courses for the purpose of classification. However, additional break of study granted will be counted for the purpose of classification.
- 17.4 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 4.1 irrespective of the period of break of study (vide clause 17.3) in order that he/she may be eligible for the award of the degree.
- 17.5 If any student is detained for want of requisite attendance, progress and good conduct, the period spent in that semester shall not be considered as permitted 'Break of Study' or 'Withdrawal'.

18. PRACTICAL TRAINING

- 18.1 As a part of the degree requirement, all candidates have to mandatorily undergo Practical Training in the 7th and 8th semesters under a registered Architect for a period of 12 months (with a minimum of 210 working days).
- 18.2 Continuous Internal Assessment (CIA – 500 marks) for Practical Training will be evaluated by the Architect (for 250 marks) under whom the candidate has been trained and by the Training Committee (for 250 marks) of the Faculty of Architecture.
- 18.3 End semester exam (ESE -500 marks) for Practical Training will be held as a Viva-Voce examined by a jury comprising external architect members (for 250 marks) and by the Training Committee (for 250 marks) of the Faculty of Architecture. Upon passing both the CIA and the ESE with the minimum required marks, the candidate shall also be certified by the Faculty of Architecture to have successfully completed the practical training.

19. THESIS

- 19.1 As a part of the degree requirement, all candidates have to submit a thesis in the 10th semester under a faculty guide and/or external guide. This thesis is to be submitted individually by each candidate and is intended to assess individual research, methodology and design skills as a culmination of the knowledge accumulated throughout the course. This thesis shall be submitted as drawings, reports, models, slides, presentations, walkthroughs etc
- 19.2 The topic selection, scope, criteria for evaluation, periodic reviews, external members, final jury and all other matters related to the Thesis shall be decided by the Thesis Committee of the Faculty of Architecture.
- 19.3 Continuous Internal Assessment (CIA- 500 marks) for Thesis shall be held as a Viva-Voce examined by a jury comprising external

members (for 250 marks) and by the Thesis Guide (for 250 marks) of the Faculty of Architecture.

19.4 End Semester Examination (ESE-500 marks) for Thesis shall be held as a Viva-Voce examined by a jury comprising external architect members (for 250 marks) and by the Thesis Committee (for 250 marks) of the Faculty of Architecture. Every Thesis Guide shall be an additional member (if not already a member) of the Thesis Committee for the purpose of evaluation of his/her Thesis student.

20. ELECTIVES

Electives shall be theory, practical or studio or self-study courses and shall also be opted from related subjects of other departments subject to satisfying their course requirements.

22. PERSONALITY AND CHARACTER DEVELOPMENT

All students shall enroll, on admission, in any one of the personality and character development programmes (the NCC / NSS / NSO / YRC / NASA / ZONASA / CLUB) and undergo training for about 80 hours and attend activities for a minimum of ten days. The training shall include classes on hygiene and health awareness and also training in first-aid.

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

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

NASA / ZONASA / CLUB will have activities related to the Architecture, Art and Design related extra curricular events including participation in the above competitions.

While the training activities will normally be during week ends, the camp will normally be during vacation period. Every student shall put in a minimum of 75% attendance in the training and attend the camp compulsorily. The training and camp shall be completed during the first year of the programme. However, for valid reasons, the Dean / Registrar may permit a student to complete this requirement in the second year.

22. DISCIPLINE

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 University. The erring student will be referred to the Disciplinary Committee constituted by the University, to enquire into acts of indiscipline and recommend the University about the disciplinary action to be taken. If a student indulges in malpractice in any of the University / Internal Examination he / she shall be liable for punitive action as prescribed by the university from time to time.

22. REVISION OF REGULATION AND CURRICULUM

The University may from time to time revise, amend or change the Regulations, Scheme of Examinations and syllabi if found necessary.