

B.S. ABDUR RAHMAN UNIVERSITY

B.S. Abdur Rahman Institute of Science and Technology

(Deemed to be University under sec 3 of the UGC Act, 1956)

REGULATIONS -2010 FOR B.Arch DEGREE PROGRAMME

1.0 PRELIMINARY DEFINITIONS & NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- i) **“Programme”** means **B.Arch** Degree Programme
- ii) **“Course”** means a theory or practical subject that is normally studied in a semester, like History, Theory of Architecture, Architectural Graphics, Architectural Design, etc.,
- iii) **“University”** means B.S.Abdur Rahman University.
- iv) **‘Dean (Academic Courses)’** means Dean (Academic Courses) of B.S.Abdur Rahman University..
- v) **‘Dean (Students)’** means Dean(Students) of B.S.Abdur Rahman University
- vi) **“Controller of Exams”** means the Controller of Examination of B.S.Abdur Rahman University, who is responsible for conduct of examinations and declaration of results.

2.0 ADMISSION

2.1 a) Candidates for admission to the first year of the 5-year B.Arch. degree programme shall be required to have passed the Higher Secondary Examination (Academic stream) with Mathematics as subjects of examination.

Or

10+3 Diploma (any stream) recognized by Central /State Governments with 50 % aggregate marks

Or

International Baccalaureate Diploma, after 10 years of schooling, with not less than 50% marks in aggregate Mathematics as compulsory subject of examination.

2.1 b) The selection will be based on the ranking obtained by the candidate secured in the qualifying examination and the National Aptitude Test in Architecture (NATA) score weightage will be as follows.

Architectural Aptitude(NATA) - 50%

Qualifying Examination - 50%

In order to pass the Architectural Aptitude Test, a candidate must obtain a minimum of 40% marks

2.1 c) The eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the University from time to time.

3.0 STRUCTURE OF THE PROGRAMME:

3.1 The B. Arch Programme will have a curriculum with syllabi consisting of courses such as:

- i) Theory courses comprising of Theory, Structural Design, History of Architecture, etc.
- ii) Theory cum studio Courses comprising of Architectural Drawing, Materials and Building Technology, etc.
- iii) Studio Courses comprising of Basic Design and Architectural Design.
- iv) Elective courses for specialization in related fields.
- v) A Practical Training in the VII and VIII Semesters for exposure in the Architectural Profession
- vi) An Architectural Thesis work in the X Semester
- vii) NCC/NSS/NSO activities for character development
- viii) Two compulsory Educational Tours/ field visits/ site visits, etc.

3.2 Each course is normally assigned certain number of credits with 1 credit per lecture period per week, 1 credit per tutorial period per week, 1 credit for 2 studio periods per week. Practical training in the VII Semester shall carry 10 credits and in VIII Semester 10 credits.

3.3 Each semester curriculum shall normally have a blend of theory courses, theory cum studio courses and elective courses not exceeding 7 and studio courses not exceeding 2.

3.4 For the award of the degree, a student has to earn a minimum of 212 credits as specified in the curriculum.

3.5 The medium of instruction is English for all courses, design studios, seminar presentations and project/thesis/dissertation reports.

4.0 DURATION OF THE PROGRAMME

A student is ordinarily expected to complete the B.Arch. Programme in 10 semesters but in any case not more than 16 Semesters. Each semester shall normally consist of 90 working days or 450 working hours .

5.0 FACULTY ADVISER

To help the students in planning their courses of study and for general counseling on the academic programme, the Head of the Department of the student will attach a certain number of students to a teacher of the Department who shall function as Faculty Adviser for the students throughout their period of study. Such Faculty Adviser shall advise the students and approve the courses to be taken by the students during registration and enrolment every semester.

6.0 CLASS COMMITTEE

6.1 The composition of the class committee from 1st to 10th semester, will be as follows:

- i) One senior faculty member preferably not teaching to the concerned class, appointed as Chairman by the Dean or Head of the Department
- ii) Teachers of individual courses
- iii) Two students, (preferably one male and one female) of the class per group of 30 students or part thereof, to be nominated by the Head of the Department, in consultation with the faculty advisers.
- iv) All faculty advisers of the class
- v) Teacher-in-charge of the UG programme
- vi) Dean or Head of the Department

6.2 The class committee shall meet at least thrice during the semester. The first meeting will be held within two weeks from the date of class commencement, in which the nature of assessments, like test, assignment, assignment based test etc., will be decided for the first, second and third assessments. The second meeting will be held within a week after the date of first assessment report, to review the students' performance and for follow up action. The third meeting will be held within a week after the second assessment report, to review the students' performance and for follow up action.

6.3 During these three meetings the student members representing the entire class, shall meaningfully interact and express opinions and suggestions of the class students to improve the effectiveness of the teaching-learning process.

6.4 The class committee, excluding the student members and the invited members, shall meet within 10 days from the last day of the end-semester examination to analyse the performance of the students in all the components of assessments and decide the grades secured by students in each course. The grades in a common course shall be decided by the concerned course committee and shall be presented to the class committee(s) by the concerned course coordinator.

7.0 REGISTRATION AND ENROLMENT

7.1 Except for the first semester, every student shall register for the ensuing semester during a specified week before the end semester examination of the current semester. Every student shall submit a completed Registration form indicating the list of courses intended to be credited during the ensuing semester. Late registration with the approval of Dean (AC) along with a late fee will be permitted up to the last working day of the current semester.

7.2 From the second semester onwards, all students shall pay the prescribed fees for the semester on a specific day at the beginning of the semester confirming the registered courses. Late enrolment, with the approval of Head of the Institution along with a late fee, will be permitted up to two weeks from the date of commencement of classes. If a student does not enroll, his/her name will be removed from rolls.

7.3 The students of first semester shall register and enroll at the time of admission by paying the prescribed fees.

7.4 A student should have registered for all preceding semesters before registering for a particular semester.

8.1 CHANGE OF A COURSE

A student can change a course within a period of 15 days from the commencement of the course, with the approval of the Dean(AC), on the recommendation of the Head of the Department or Dean as the case may be.

8.2 WITHDRAWAL FROM A COURSE

A student can withdraw from a course at any time before the second assessment for genuine reasons, with the approval of the Dean (AC) , on the recommendation of the Head of the Department of Architecture or Dean as the case may be.

9.0 TEMPORARY BREAK OF STUDY FROM THE PROGRAMME

A student can take a one time temporary break of study covering the current semester and/or next semester period with the approval of the Head of the Institution at any time before the start of third assessment of current semester, within the maximum period of 16 semesters as the case may be. If any students is debarred or suspended for want of attendance or due to any act of indiscipline it will not be considered as break of study.

10.0 CREDIT LIMIT FOR ENROLMENT & MOVEMENT TO HIGHER SEMESTER

10.1 A student can enroll for a maximum of 30 credits during a semester period including arrears courses.

10.2 The following minimum credits should be earned by a student to become eligible to register for the higher semester courses.

To register courses of	Minimum credits to be earned
2 nd Semester	6 credits of Architectural Design I
3 rd Semester	10 in 1 st Semester Courses & 6 credits of Architectural Design II
4 th Semester	12 in 2 nd Semester courses & 7 credits of Architectural Design III
5 th Semester	12 in 3 rd Semester courses & 7 credits of Architectural Design IV
6 th Semester	12 in 4 th Semester courses & 8 credits of Architectural Design V
7 th Semester	12 in 5 th Semester courses & 8 credits of Architectural Design VI

8 th Semester	12 in 6 th Semester courses & 10 credits of Practical Training
9 th Semester	12 in 7 th Semester courses & 20 credits of Practical Training
10 th Semester	12 in 8 th Semester courses & 9 credits of Practical Training VII

Those who do not satisfy the above minimum credit requirements, may register and enroll for arrear courses only.

10.3 A student who has not satisfied the NCC/NSS/NSO/YRC requirements (vide clause 19) will not be eligible to register for the fifth semester courses, even though he / she may satisfy all other requirements.

11.0 SUMMER TERM COURSES

11.1 A student can register for a maximum of two courses during summer term, if such courses are offered by the concerned department during the summer term.

11.2 The Head of the department or Dean, in consultation with the department consultative committee and with the approval of Head of the Institution may arrange for the conduct of a few courses during summer term, depending on the availability of teachers during summer and subject to a minimum of ten students registering for such courses.

11.3 However, in the case of students who have completed tenth semester ,but having arrears in the earlier semesters in a maximum of two courses, summer courses may be offered, even if less than ten students are registering for the course.

11.4 The number of contact hours and the assessment procedure for any course during summer term will be the same as those during regular semesters except that there is no provision either for withdrawal from a summer term course or for substitute examination.

12.0 ASSESSMENT PROCEDURE AND PERCENTAGE WEIGHTAGE OF MARKS

12.1 Every theory course shall have a total of four assessments during a semester as given below:

Assessment No.	Course coverage in weeks	Duration	Weightage of marks
Assessment 1	1 to 4	2 hours	50/3
Assessment 2	5 to 8	2 hours	50/3
Assessment 3	9 to 12	2 hours	50/3
End-Sem. Exam	1 to 18 (full course)	3 hours	50

12.2 The pattern of questions, for at least one of the tests, shall be the same as stipulated for the end-semester examination. Of the three assessments, one of them will be a written test .The remaining could be in the form of assignments ,quiz etc.The nature of such assessment scheme shall be announced in advance. However, for the first semester, all assessments will be in the form of tests.

12.3 For theory cum studio courses three assessments including end semester examinations shall be conducted by the Department. Two assessments can be in the form of assignments, drawing plates, models, etc.The weightage for each of the two assessments will be 50/2.The

third assessment will be in line with the end semester examination and shall be valued for a maximum of 50.

12.4 For studio Courses comprising of Basic Design and Architectural Design Continuous assessment for studio courses comprising of Basic Design and Architectural Design shall be done jointly by the course faculty and visiting faculty for a weightage of 70% of the total marks. 20% of the continuous assessment marks would be reserved for a compulsory time problem(s).

12.5 Practical Training:

12.5.1 Every candidate shall undergo practical training in the VII and VIII semesters in architectural offices under registered architects with a minimum of 5 years professional experience with the approval of the HOD or Dean as the case may be. In the case of offices in other countries the Architect should be registered under the concerned local registration body.

12.5.2 Every candidate is required to undertake the entire duration of Practical Training in one Architectural Office. However under unforeseen circumstances if the candidate wishes to change his/ her place of Practical Training he / she shall be allowed to do so only once provided the candidate satisfies a minimum of 30 days Practical training in any one of the offices.

12.5.3 Continuous assessment for practical training shall be done for a weightage of 50% of the total marks out of which 80% of the marks will be assigned by the practicing architect who will issue 4 monthly reports and 20% will be awarded by the Coordinator, Practical training for the submitted port folio of works.

12.6 Architectural Thesis:

12.6.1 Every candidate shall submit at the end of the X semester a thesis on a subject approved by the Thesis Review Committee. The Thesis Review Committee shall comprise of the Head of the Department / Thesis Coordinator and Supervisor of the thesis, two internal members and a minimum of two external members appointed by the HOD at the beginning of the semester.

12.6.2 Continuous internal assessment for thesis shall be done by the Review Committee for a weightage of 70% of the total marks.

12.7 Site Visit: Every student shall undergo at least one site / field visit for every course offered. Every teacher shall take the students for at least one site/ field visit in a semester.

12.8 Educational Tour Every student shall undergo at least two educational tours during the course of the B. Arch degree programme

13.0 END SEMESTER EXAMINATIONS

13.1 End-Semester Examination shall ordinarily follow immediately after the last working day of the semester

13.2 For Studio courses comprising of Basic Design and Architectural Design, Viva-Voce Examinations for all Design Projects shall be conducted at the end of the Semester by two external examiners appointed by the HOD and approved by the Dean Academic for a weightage of 30% of the total marks. 20% of the Viva Voce Examination Marks shall be reserved for the compulsory time problem.

13.3 For Practical training a viva-voce examination shall be conducted at the end of the VII Semester by an external examiner appointed by the HOD approved by the Dean Academic for a weightage of 50% of the total marks.

13.4 For Architectural Thesis, a Viva Voce Examination shall be conducted by a jury appointed by the HOD and approved by the Dean Academic, consisting of two external examiners outside the review committee for a weightage of 30% of the total marks. The HOD/Thesis Coordinator and Supervisor shall be present for the Viva Voce Examination.

14.0 SUBSTITUTE EXAMINATIONS

14.1 A student who has missed, for genuine reasons, a maximum of two of the four assessments of a course may be permitted to write a substitute examination. However, permission to take up a substitute examination will be given under exceptional circumstances, such as accident or admission to a hospital due to illness.

14.2 A student who misses any assessment in a course shall apply in a prescribed form to the Dean(AC) through the Head of the department within a week from the date of missed assessment. However the substitute examination will be conducted within two weeks after the last day of the end-semester examination, with the approval of the Dean(AC).

15.0 PASSING AND DECLARATION OF RESULTS AND GRADE SHEET

15.1 All assessments of a course will be made on absolute marks basis. However, the Class Committee without the student members and the invited members, shall meet within 10 days after the end-semester examinations and analyse the performance of students in all assessments of a course and award letter grade. The letter grades and the corresponding grade points are as follows:

Letter grade	Grade points
S	10
A	9
B	8
C	7
D	6
E	5
U	0
I	--
W	--

“W” denotes withdrawal from the course

“I” denotes inadequate attendance in the course and hence prevention from writing end-semester examination.

“U” denotes unsuccessful performance in the course.

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15.2 A student who earns a minimum of five grade points in a course is declared to have successfully completed the course. Such a course cannot be repeated by the student

15.3 The results, after awarding of grades, shall be signed by the Chairman of the Class Committee and Head of the Department and declared by the Controller of Examinations.

15.4 Within two weeks from the commencement of classes for the next semester, student can apply for revaluation of his / her end semester examination answer paper in a course, on payment of a prescribed fee, through proper application to Dean(AC), who shall constitute a

reevaluation committee consisting of Chairman of the Class Committee as convener, the teacher of the course and a senior member of faculty knowledgeable in that course. The committee shall meet within a week to revalue the answer paper and submit its report to the Controller of Examinations for consideration and decision

15.5 After results are declared, grade sheets shall be issued to each student, which will contain the following details. The list of courses enrolled during the semester including summer term courses, if any, and the grade scored, the Grade Point Average (GPA) for the semester and 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 of courses registered and the points corresponding to the grades scored in those courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester, including summer courses, if any.

If C_i , is the number of credits assigned by for i^{th} course and GP_i is the Grade Point obtained in the i^{th} course

$$GPA = \frac{\sum_i (C_i)(GP_i)}{\sum_i C_i}$$

The Cumulative Grade Point Average CGPA shall be calculated in a similar manner, considering all the courses enrolled from first semester.

“I” and “W” grades will be excluded for calculating GPA.

“U”, “I” and “W” grades will be excluded for calculating CGPA.

15.6 After successful completion of the programme, the Degree will be awarded with the following classifications based on CGPA.

Classification	CGPA
First Class with Distinction	8.50 and above and passing all examinations in the first appearance and completing the programme within the normal ten semesters.
First Class	6.50 and above and completing the programme within a maximum of 10 semesters.
Second Class	All others

16.0 ATTENDANCE REQUIREMENT AND COURSE REPETITION

16.1 A student is normally expected to earn 100% attendance in the contact periods of every course, subject to a maximum relaxation of 25% for genuine reasons like on medical grounds, representing the University in approved events etc., to become eligible to appear for the end-semester examination in that course, failing which the student shall be awarded “I” grade in that course. If so the candidate should re-register for the course when it is offered next.

16.2 A student should repeat a core course wherein “U” or “I” or “W” grade was awarded. If the student is awarded “U”, or “I”, or “W” grade in an elective course either the same elective course may be repeated or a new elective course may be taken.

17.0 PERSONALITY AND CHARACTER DEVELOPMENT

17.1 All students shall enroll, on admission, in any one of the personality and character development programmes, NCC/NSS/NSO/YRC and undergo practical training for about 80 hours and attend a camp of about ten days.

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

National Service Scheme (NSS) will be social service activities in and around Chennai.

National Sports Organisation (NSO) will have sports, games, drills and physical exercises.

Youth Red Cross (YRC) will be social service activities in and around Chennai.

17.2 While the training activities will normally be during weekends, the camp will normally be during vacation period. Every student shall put in a minimum of 75% attendance in the practical training and attend the camp compulsorily. Normally this is to be completed during the first year. For valid reasons, the Dean(AC) may permit a student to complete this requirement in the second year. However, before enrolling for fifth semester, a student should have completed the training and produced a certificate from the appropriate authority of NCC/NSS/NSO/YRC for having satisfactorily completed the prescribed training and camp.

18.0 DISCIPLINE

18.1 Every student is required to observe disciplined and decorous behaviour both inside and outside the campus and not to indulge in any activity which will tend to bring down the prestige of the institution.

18.2 Any act of indiscipline of a student, reported to the Dean (Students), will be referred to a Discipline and Welfare Committee, nominated by the Vice-Chancellor, for taking appropriate action.

19.0 ELIGIBILITY FOR THE AWARD OF DEGREE

19.1 A student shall be declared to be eligible for the award of the B.Arch. degree provided the student has:

- i) successfully completed all the required courses specified in the programme curriculum and earned the number of credits prescribed for the specialization, within a maximum period of 16 semester from the date of admission, including break of study.
- ii) completed the NCC/NSS/NSO/YRC requirements.
- iii) no dues to the Institution, Library, Hostels, NCC, NSS, NSO, YRC and
- iv) no disciplinary action pending against him/her.

19.2 The award of the degree must have been approved by the University.

20.0 POWER TO MODIFY

Notwithstanding all that has been stated above, the Academic Council has the right to modify the above regulations from time to time.