

B.Arch. Programme Regulations

THE REGULATION FOR B.ARCH 5 YEAR DEGREE PROGRAMME*

(CHOICE BASED CREDIT SYSTEM)

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(CHOICE BASED CREDIT SYSTEM)

1. INTRODUCTION

Jagan Nath University has a strong commitment to high quality teaching and research for comprehensive education to enhance the professional competence of the students having in depth knowledge and innovative approach. The University offers 5-Year Fulltime Bachelor of Architecture Course **approved by Council of Architecture, New Delhi** to the eligible students who are interested in pursuing degree in Architecture. The main objective of this programme is to groom the students for acquiring in depth and exhaustive theoretical and practical knowledge that enables them to hit the target in their fields of Architecture and thereby continue towards their objective of attaining excellence. The extensive programs provide enough flexibility in respect of lecture courses and practical training.

Recently, the University Grants Commission (UGC) has stressed on speedy and substantive academic and administrative reforms in higher education for promotion of quality and excellence. The Action Plan proposed by UGC through its guidelines delimits the need to consider and adopt Semester System, Choice Based Credit System (CBCS) and Flexibility in Curriculum Development and Examination Reforms in terms of adopting Continuous Evaluation Pattern by reducing the weightage on the semester-end examination so that students enjoy a de-stressed learning environment.

2. TITLE AND COMMENCEMENT

2.1. This Regulation shall be called ***THE REGULATION FOR B.ARCH 5 YEAR***

DEGREE PROGRAMME* (CHOICE BASED CREDIT SYSTEM)

2.2. This Regulation shall come into force with effect from the academic year 2015-2016.

3. DEFINITIONS

- i. **Programme:** means an educational programme leading to award of B.Arch 5 year Degree
- b. **Academic Year:** means Two consecutive (one odd + one even) semesters constitute one academic year.
- c. **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses [Core, Elective, Ability Enhancement Compulsory (AECC) & Skill Enhancement (SEC)]
- d. **Course:** Usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ viva/ seminars/ term papers/assignments/ presentations/self-study etc. or a combination of some of these.
- e. **Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree is prescribed in terms of number of credits to be completed by the students.

- f. **Credit Point:** It is the product of grade point and number of credits for a course.
- g. **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
- h. **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
- i. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale.
- j. **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
- b. **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
- c. **Semester:** Each semester will consist of 18 weeks of academic work equivalent to 90 actual teaching days and 3-4 weeks approximately of examination etc. The odd semester may be scheduled from July to December and even semester from January to June.
- d. **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.
- e. **External Examiner:** shall mean an examiner who is not is the employment of the University.
- f. **Student:** shall mean a person admitted to the Faculty/ Schools of the University for any of the academic programmes to which this policy is applicable.
- g. **University:** shall mean Jagan Nath University, Bahadurgarh.
- h. **Internal Evaluation:** Continuous Assessment Test conducted during the semester.
- i. **External Evaluation:** End-Term examination held at the end of each semester.
- j. **Rounding off Marks:** shall mean, that if part is one-half or more, its value shall be increased to one and if part is less than half then its value shall be ignored for getting letter grade and grade point.
- k. **Enrollment:** shall mean the student taking admission and registered for pursuing a course at Jagan Nath University
- l. **Migration:** shall mean the student of Jagan Nath University migrating to another University/Institute or the student of other University/Institute taking admission to Jagan Nath University.

4. TYPES of COURSES

Courses in a programme may be of four kinds: Core, Elective, Ability Enhancement & Skill Enhancement.

a) Core Course:-

There may be a Core Course in every semester. This is the course which is to be compulsorily studied by a student as a requirement of a programme in a said discipline of study.

b) Elective Course:-

Elective course is a course which can be chosen from a pool of papers. It may be Supportive to the discipline of study Providing an expanded scope. Enabling an exposure to some other discipline/domain

Nurturing student's proficiency/skill. An Elective Course may be 'Discipline Centric/Specific' & Generic Elective

(i) **Discipline Centric/Specific Elective(DSE):** Elective courses offered under the main discipline/subject of study is referred to as Discipline Centric/Specific.

(ii) **Generic/Open Elective(GE):** An elective course chosen from an unrelated discipline/subject is called Generic/Open Elective. These electives will be focusing on those courses which add generic proficiency of students.

c) Ability Enhancement Compulsory Courses (AECC):-

AECC courses are based upon the content that leads to knowledge enhancement, for example: English Communication, Environment Science/ Studies, etc.

d) Skill Enhancement Courses (SEC):-

SEC Courses provide value based and/or skill based knowledge and may content both Theory and Lab/Training/Field Work. The main purpose of these courses is to provide students life- skills in hands- on mode so as to increase their employability.

5. THE COURSE AND THE DURATION

- B.Arch. is 5-Year Fulltime Course leading to the degree of B.Arch
- The duration of the B.Arch 5 Year fulltime Course shall be five academic years consisting of ten semesters.
- Each Academic Year shall be divided into two Semesters, i.e. July to November / December and January to May / June

- Each Semester shall consist of minimum 18 weeks with 30 class-hours per week.
- The Courses and the syllabi shall be designed by the Faculty of Architecture and be approved by the Academic Council of the University from time to time.

6. ELIGIBILITY FOR ADMISSION

No candidate, with less than 50% marks in aggregate, shall be admitted to the architecture course unless he/she has passed an examination at the end of the new 10+2 scheme of Senior School Certificate Examination or equivalent with Mathematics as a subject of examinations at the 10+2 level.

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 and with Mathematics as compulsory subject of examination.

7. MINIMUM MARKS IN QUALIFYING EXAMINATION FOR ADMISSION

7.1 National Aptitude Test in Architecture

As per the Minimum Standards prescribed by Council of Architecture (CoA) under the Architects Act, 1972, admission of candidates to first year of 5-year B.Arch. degree course shall be subject to their passing an aptitude test in architecture. It is advisable to admit students in the 1st year of 5 year B.Arch. degree course on the basis of marks obtained in the National Aptitude Test in Architecture (NATA) administered by CoA .

The Aptitude Test in Architecture shall consist of 2 papers:

- (i) Test - I – Aesthetic Sensitivity - 100 marks - duration of test: One hour.
- (ii) Test - II – Drawing - 100 marks - duration of test: Two hours.

Test – I

Aesthetic Sensitivity is to evaluate candidate's perception, imagination and observation; creativity and communication; and Architectural awareness. The test shall comprise of :

- ✓ Visualising three dimensional objects from two dimensional drawings
- ✓ Visualising different sides of three dimensional object
- ✓ Identifying commonly used materials and objects based on their textural qualities
- ✓ Analytical Reasoning
- ✓ Mental Ability
- ✓ Imaginative comprehension and expression
- ✓ Architectural awareness

Test - II

The Drawing aptitude of the candidate shall be judged on the following aspects :

- (i) Ability to sketch a given object proportionately and rendering the same in visually appealing manner
- (ii) Visualising and drawing the effects of light on the object and shadows cast on the surroundings
- (iii) Sense of perspective drawing
- (iv) Combining and composing given three dimensional elements to form a building or structural form
- (v) Creating interesting two dimensional composition using given shapes or forms
- (vi) Creating visual harmony using colours in given composition
- (vii) Understanding of scale and sense of proportion

Drawing from memory through pencil sketch on themes from day to day experiences

Weightage

The following shall be the weightage :

Architectural Aptitude	–	50% (Maximum)
Qualifying Examination	–	50% (Maximum)

i.e. 10+2 OR 10+3 years Diploma

recognized by the Central / State governments OR IB Diploma and/ or other test.

Note: In order to pass an Aptitude Test in Architecture, a candidate must obtain a minimum of 40% marks.

7.2 JEE Mains (Paper-II) conducted by CBSE

8. ADMISSION PROCEDURE

- 8.1 Admission shall be made strictly on the guidelines as per the Council of Architecture New Delhi, and interview of the candidates.
- 8.2 The result of the admission test, in order of merit, shall be notified in the office notice board and/or website, if any. Any selected student who fails to pay his/her admission fee and other charges by the date fixed for such payment shall forfeit his/her claim for admission.
- 8.3 There shall be **no relaxation** of marks in minimum eligibility for admission.

PROHIBITION TO REGISTER IN OTHER COURSES

The candidates admitted to the Course, shall not be allowed to pursue any other course except certificate course in any Indian or Foreign language or computer application being conducted by this University on part-time basis in the evening or through Distance Learning with prior permission of the Dean / HoD, Faculty of Architecture otherwise his/her candidature for B.Arch5 year fulltime degree Course will be cancelled forthwith.

10. ATTENDANCE PROVISION FOR END TERM SEMESTER EXAMINATION

- 10.1 No student shall be allowed to appear in the end term semester examination in a paper if he/ she has not attended minimum of **75%** of the classes held in the paper concerned including tutorials, moot court exercises, practical trainings etc. conducted in respect of that paper.
- 10.2 If a student for any exceptional reason fails to attend **75%** of the classes held in any paper, the Dean / HoD of the department may allow him/ her to take the examination if he/she attended at least 65% of the classes held in the paper concerned and attended 75% of classes in all the papers taken together.

Provided that if the percentage of attendance is deficient on account of:-

- (i) Participation in Inter-University, University or Inter-Collegiate Sports tournaments/Youth Festivals /University Level Debates/ Cultural Activities, National and International Tournaments, with the previous sanction of the Dean/HoD of Faculty Architecture & Planning
- (ii) Voluntary donation of blood certified by a Government Doctor of Gazetted rank or University medical officer.
- (iii) Attendance and/or participation in International/National / State competitions
- (iv) Attendance at the extension lecture (s) organized by the Faculty Architecture & Planning

Credit may be given for the number of days on which lectures were delivered or sessional or sessional/practical work done during the period of attendance or participation aforesaid, provided that the total period of absence shall not exceed 15 days in a semester.

11. PROHIBITION AGAINST LATERAL ENTRY AND EXIT

There shall be no lateral entry or exit at any intermediary stage of B.Arch. degree course. However the migration is allowed as per University Rule / CoA.

12. STUDENT ENROLLMENT

All students admitted, shall be enrolled with the Jagannath University. For this purpose eligibility and enrollment forms are filled up at the time of admission. The admission of such students shall be confirmed only after their eligibility is decided by the University / CoA

The students admitted in the first year are also given an enrollment no.by the Council of Architecture,New Delhi.This enrollment no has to be shown to the CoA for registering with the CoA(under the Architects Act,1972) ,after completing the five year degree course.

13. EXAMINATION & EVALUATION

(A) Theory Papers

- (i) Internal Evaluation = Weightage is 30 % of Total Marks
- (ii) End Term Evaluation = Weightage is 70 % of Total Marks

For a subject of 100 marks, the distribution of Marks for Internal Evaluation is:

Mid-Term Test	Normalised Mid-Term Marks (A)	Assignments (B)	Semester Attendance(C)	Total (A+B+C)
50 Marks	To be normalized to 15 marks	5 Marks	10 Marks	30 Marks

(B) Sessional Papers:

- (i) Internal Evaluation = Weightage is 60% of Total Marks Minimum pass percentage shall be 45% for Sessional Papers.
- (ii) The breakup of this Weight age is 60% of Total Marks for a paper of 100 marks is as follows:

Mid-Term Test	Normalised Mid- Term Marks (A)	Assignments (B)	Semester Attendance(C)	Total (A+B+C)
100 Marks	To be normalized to 10 marks	40 Marks	10 Marks	60 Marks

(C) Mid-Term Test

- (i) The Mid-Term tests shall be conducted in the form of organized test of two hours for 50 Marks.
- (ii) The schedule of Mid-Term tests shall be notified to the students by the University.
- (iii) No remedial / retest of Mid-Term Tests would be conducted.
- (iv) Mid-Term test answer books shall be shown to the students and grievances, if any, will be handled by the subject teacher himself/ herself

(D) End-Term Examination

The End-Term Examinations shall be conducted at the end of each semester according to the schedule issued by the University. The dates for the practical examinations would be decided by the Deans and a copy to be sent to the Controller of Examinations. A copy of the Model Question Paper for End Term Examination shall be kept in the library for the reference of staff and students. The Dean/HoD will preserve the records of the sessional/practical work upto six months from the date of the declaration of the concerned semester examination.

(E) Attendance

Criteria for Awarding Semester Attendance Marks will be as prescribed by the University as follows:

a.	Attendance above 95%	: 10 Marks
b.	Attendance between 91% to 95%	: 9 Marks
c.	Attendance between 86% to 90%	: 8 Marks
d.	Attendance between 81% to 85%	: 7 Marks
e.	Attendance between 75% to 80%	: 6 Marks
f.	Attendance between 65% to 74%	: 5 Marks

14. CRITERION FOR PASSING

The following shall be the criterion for passing for **B.Arch.** students:

To pass in each Theory, Practical, and/or Sessional, a candidate is required to obtain minimum 45% marks in Internal Evaluation, End-Term examinations separately and 50% marks in aggregate.

A Student will earn the credits assigned for a subject if he/she passes in that subject.

A student obtaining less than passing marks as specified in the examination scheme, in each subject (min. 45% marks in internal and external separately), will be declared fail in that subject and will have to re-appear

in a End-Term examination of the course in subsequent semester(s) when the course is offered, subject to maximum permissible period of n+2 years / n+4 semesters to complete the course. The student has to repeat the paper as follows:

- i. If a student fails in Internal, he will to repeat the internal exam
- ii. If a student fails in End Term, he will to repeat in End Term exam
- iii. If a student fails in Aggregate (50%), he will to improve in the paper(s) of his choice in the End-Term Examinations of the relevant semester.

15. RE-APPEAR/IMPROVEMENT IN END TERM EXAM

- a) The re-appear/improvement in End Term Examinations for Odd semester will be held along with the Odd Semester regular End Term examinations and for Even Semester with End Term examinations along with Even Semester regular End Term examinations.
- c) A student who has to re-appear/improve in a End-Term examination shall be examined as per the syllabus, which is in force at the times he/she is taking the examination unless the paper has been completely changed or shifted from one semester to another. In case the syllabus has been changed more than 25% or a new paper has been introduced instead, then the student would be examined as per the course which he/she had studied. The Deans/HoDs would be required to submit the information regarding the papers in which the syllabus has been changed more than 25% or the paper has been shifted to another semester or that paper has been removed from the current scheme of examination.
- d) A candidate, who fails in a semester examination shall be exempted from re-appearing in the paper(s) / Sessional / practical work (Project report, Seminar/ Moot Court, etc.) in which he may have obtained min. pass marks (including the marks of Sessional /practical work). Such a candidate shall be allowed to appear, for passing in the remaining paper(s), only at the next respective semester examinations.
- e) The previous internal marks already obtained by the student shall be taken into account without any modification.

16. SEMESTER PROMOTION

- (a) A candidate who has appeared and failed or having been eligible but did not appear in the end term semester examination shall be promoted to the next higher semester.
- (b) Students are required to successfully complete the entire course within seven years from admission to the course.

17. CRITERION FOR AWARDING GRADING SYSTEM

14.1 CRITERION for Awarding SGPA and CGPA: The criterion for awarding the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) for the entire professional programme shall be as follows:

- a) To pass in each Theory, Practical, and/or Sessional, a candidate is required to obtain minimum 45% marks in Internal Evaluation, End-Term examinations separately and 50% marks in aggregate.
- c) A student obtaining less than pass marks as specified above, in each subject (sum of internal and End-Term examinations) he will be declared fail in that subject and will have to re-appear in a End-Term examination of the course in subsequent odd / even semester end term examination, subject to maximum permissible period of n+2 years / n+4 semesters to complete the course.
- d) The University has adopted Absolute Grading System for converting marks into grades. The formula of 10-point grading system for conversion of marks obtained into Letter Grades and converting Letter Grades to Grade Point is given below:

Table 1: Marks, Letter Grades and Grade Points

Marks	Letter Grade	Grade Points
91-100	O (Outstanding)	10
81-90	A+(Excellent)	9
71-80	A(Very Good)	8
61-70	B+(Good)	7
51-60	B(Above Average)	6
46-50	C(Average)	5
40-45	P (Pass)*	4
0-39	F(Fail)	0
-	AB (Absent)	0

*** To pass in each Theory, Practical, and/or Sessional, a candidate is required to obtain minimum 45% marks in Internal Evaluation, End-Term examinations separately and 50% marks in aggregate**

- d) *While converting the marks into Letter Grade, the rounding off marks must be considered.*
- e) A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.
- f) For non credit courses "Satisfactory" or Unsatisfactory" shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.

14.2 Computation of SGPA and CGPA

The university has adopted UGC recommended procedure for computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

- a) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the papers/ courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\text{SGPA (Si)} = \frac{\sum (C_i \times G_i)}{\sum C_i}$$

Where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course. The university shall issue Semester Grade Card to the student.

- b) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \frac{\sum (C_i \times S_i)}{\sum C_i}$$

Where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

- c) *The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.*

Illustration of Computation of SGPA and CGPA and Format for Transcripts

- a) Computation of SGPA and CGPA

Illustration for SGPA

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit x Grade)
Course/Paper 1	3	A	8	3x8=24
Course/Paper 2	4	B+	7	4x7=28
Course/Paper 3	3	B	6	3x6=18
Course/Paper 4	3	O	10	3x10=30
Course/Paper 5	3	C	5	3x5=15
Course/Paper 6	4	B	6	4x6=24
	20			139

Thus, SGPA= 139/20= 6.95

b) Illustration for CGPA

Semester-1	Semester-2	Semester-3	Semester-4	Semester-5	Semester-6
Credit: 20	Credit: 22	Credit: 25	Credit: 26	Credit: 26	Credit: 25
SGPA:6.9	SGPA:7.8	SGPA:5.6	SGPA:6.0	SGPA:6.3	SGPA:8.0

Thus, CGPA= $20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0$

----- = 6.73 144

18. CRITERION FOR CREDIT

- (a) In case a student secures minimum passing marks (45% separately in Internal, Exaternal and 50% in aggregate, he / she will earn the assigned credit of that particular paper.
- (b) A student is eligible for the award of degree, if he / she earn minimum credits required for that particular programme. However he / she have to appear in all the papers.
- (c) **Maximum & Minimum Credits**

The total number of the credits of the B.Arch5 Year Fulltime Degree Program is 266

Each student shall be required to appear for examination in all courses. However, for the award of the degree a student should secure 266 credits.

There is no relaxation in credit in order to obtain a degree.

19. AWARD OF DEGREES

A student shall be awarded degree: He/She has registered himself/herself, undergone the course of studies, completed the project reports / dissertation specify in the curriculum of his/her programme within the stipulated time and scored the requisite credits prescribed for award of the degree.

20. WITHDRAWAL OF DEGREE

A degree awarded by the University may be withdrawn if it is found at the later stage that the candidate has submitted any forged document or ineligible at the time of admission to the course.

21. SCHOLARSHIPS, AWARDS AND MEDALS

Students excelling in academics, co-curricular and extracurricular activities are felicitated through various awards and scholarships instituted by the University.

A candidate with highest CGPA would be declared Topper. In case of tie of CGPA, the student senior in age will be the topper. Gold, Silver and Bronze medal will be awarded on the basis of securing first three highest CGPA in the course concerned.

22. JURISDICTION

All disputes are subject to the jurisdiction at Jhajjar.

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Note: Approved by AC vide Resolution No. 1.9 dated 07-09-2015 & BOM vide Resolution No.1.7 dated 14-09-2015.
