

# **SATHYABAMA UNIVERSITY**

(Established under section 3 of UGC Act, 1956)

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.



## **SYLLABUS**

**FACULTY OF BUILDING AND ENVIRONMENT**

**BACHELOR OF ARCHITECTURE**

**REGULATIONS 2015**

# SATHYABAMA UNIVERSITY

## REGULATIONS – 2015

### CHOICE BASED CREDIT SYSTEM

Effective from the academic year 2015-2016 and applicable to the students admitted to the Degree of Bachelor of Architecture (Ten Semesters).

#### 1. NOMENCLATURE

- **Programme** : Refers to the Bachelor of Architecture Stream that a student has chosen for study.
- **Course** : Refers to the courses (Subjects) that a student would have to undergo during the study in the University.
- **Batch** : Refers to the Starting and Completion year of a Programme of study. Eg. Batch of 2015 - 2020 refers to students belonging to a 5 year B.Arch Degree programme admitted in 2015 and completing in 2020.
- **Faculty** : Each Programme and Department of the University is grouped under various Faculties. Department of Architecture comes under Faculty of Building & Environment which offers Undergraduate and Postgraduate Programmes like B.Arch, M.Arch (Building Management), M.Arch (Sustainable Architecture).
- **Faculty Head** : Refers to the Head of a Group of Departments under which various UG and PG Programmes are offered.
- **HoD** : Refers to the Head of a Department (HoD) offering various UG and PG programmes. He / She will be the Head of all staff members and Students belonging to his/her Department.
- **COA** : Refers to Council of Architecture, the governing body for Architectural education in India.

#### 2. ELIGIBILITY FOR ADMISSION

2.1. Candidates for admission to the first semester of the ten semesters B. Arch degree programme shall be required to have passed

- (i) 10+2 scheme of Senior School Certificate Examination or equivalent with Mathematics as subjects of examination at the 10+2 level with a minimum aggregate of 50%  
(Or)
- (ii) 10+3 Diploma (any stream) recognised by Central/ State Governments with 50% aggregate marks.  
(Or)
- (iii) International Baccalaureate Diploma, after 10 years of schooling, with not less than 50% marks in aggregate and with Mathematics as compulsory subject of examination.

2.2 In addition, the candidate shall write an Aptitude test (NATA - NATIONAL APTITUDE TEST IN ARCHITECTURE) which shall test the aptitude of the candidate in free hand drawing, perception of colours, visualization of colours, visualization of forms, the effect of light and shade on forms and general knowledge.

## 2.2.1 National Aptitude Test in Architecture (NATA)

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 programme shall be subject to their passing an aptitude test in architecture. The admission to the first year B. Arch degree programme is on the basis of marks obtained in the National Aptitude Test in Architecture (NATA) administered by COA.

### 2.2.1.1 Test Content

The test is in two parts. A paper based drawing test for two hours and computer based online aesthetic sensitivity test for one hour.

The test measures aptitude of the candidate through two sections - a paper based section for drawing and computer based section for aesthetic sensitivity.

#### 2.2.1.1.1 Drawing Test

This is a two hour paper where candidate has to attempt two questions. The drawing aptitude is judged on the following aspects:

- Ability to sketch a given object proportionately and rendering the same in visually appealing manner.
- Visualizing and drawing the effects of light on the object and shadows cast on surroundings.
- Sense of perspective drawing.
- Combining and composing given three dimensional elements to form a building or structural form.
- Creating interesting two dimensional compositions using given shapes and forms.
- Creating visual harmony using colours in given composition.
- Understanding of scale and proportions.
- Drawing from memory through pencil sketch on themes from day to day experiences.

#### 2.2.1.1.2 Aesthetic Sensitivity Test

This is computer based test of one hour where candidate has to answer 40 multiple choice questions.

The aesthetic sensitivity test measures perception, imagination and observation, creativity and communication along with architectural awareness and comprises of

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

### 2.3 Weightage

The following shall be the weightage:

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

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

## 3. STRUCTURE OF THE PROGRAMME

3.1. The B.Arch degree programme will have a curriculum with syllabi consisting of theory courses, studio oriented courses and studio courses. The course structure comprises of the following:

- (i) Allied Core courses such as Mathematics, Mechanics of Structures and Building Structures are offered.
- (ii) Core theory courses such as Building materials, Vernacular Architecture, Art and Aesthetics, History of Architecture, Building Services, Materials and Construction, Site Planning and Analysis, Climatology, Climatic Design, Urban Communities, Theories of Thinking, Professional Practice and Ethics, Urban Design etc.
- (iii) Studio oriented courses such as Structures Studio and Construction Studios are offered.
- (iv) Studio courses such as Design Studio, Architectural Drawing, Art Studio Workshop, Computer Studio, Dissertation and Thesis.
- (v) Electives offered by the Department, Faculty and the University related to the programme of study.
- (vi) University Electives to be chosen from the group of courses offered, which can be chosen by any student under any programme.
- (vii) Compulsory rural study in the third semester and Educational Tour in the seventh semester after the Professional Training.
- (viii) Professional training in seventh semester for exposure to Architectural professional practice including office procedures.
- (ix) Dissertation and Pre Thesis during ninth semester and Thesis work in the tenth semester respectively.

3.2 Each course is normally assigned certain number of credits as follows:

- **Lecture Courses (Theory)** : 1 credit per lecture hour per week, 1 credit per tutorial hour per week
- **Studio Courses** : 2 credits for 3 hours of practicals per week
- **Studio Oriented Courses** : 1 credit for per practical hour per week
- **Professional Training** : 12 credits for Minimum of 18 weeks of Training with at least 90 working days of Training during seventh semester.

3.3. The medium of instruction, examinations and thesis report will be in English Language throughout the Programme.

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

#### 4. DURATION AND STAGES OF THE PROGRAMME

- (i) The B.Arch degree programme shall be of a minimum duration of 5 academic Years / 10 semesters inclusive of one semester of professional training.
- (ii) The 5 years B.Arch Degree programme is conducted in two stages.
  - a. The First stage of the programme shall be the first 3 academic years or 6 semesters of institutional academic studies.
  - b. The Second stage of the programme shall be of 2 academic years/ 4 semesters including one semester of professional training during seventh semester.
- (iii) A student is normally expected to complete the B.Arch. degree Programme in 10 semesters but in any case not more than 14 consecutive semesters from the time of commencement of the programme.
- (iv) Registration of the candidates under the Architects Act, 1972, which is a mandatory requirement for the practice of Architectural profession and teaching, is possible only after successful completion of both the stages.

#### 5. REQUIREMENTS FOR COMPLETION OF A SEMESTER

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

5.1 He/she secures not less than 90% of overall attendance in that semester.

5.2 Candidates who do not have the requisite attendance for the semester will not be permitted to write the semester Examinations.

#### 6. FACULTY HEAD

Each Faculty is headed by a Faculty Head which comprises of many Departments and Courses offered by them. The Faculty Head is responsible for all activities taking place inside the Faculty in coordination with all Department Heads and all staff members belonging to the faculty. The Faculty Head will be appointed by the University on rotational basis. The Faculty Head shall act as a linkage between the HoDs, faculty members and the students. The Faculty Head makes a review of all the academic activities of Staff, Students and Research on a regular time interval and takes steps to improve the morale of all staff and students.

#### 7. HEAD OF THE DEPARTMENT

Each Department offering various UG and PG programmes is headed by a Head (HoD). The HoD is responsible for allotting courses to each staff member uniformly in consultation with other HoD's and Faculty Heads. The HoD is responsible for streamlined teaching of courses to students, improvement and Assessment of Teaching Quality within the Department on a continuous basis, Assessment of staff members, transparent conduct of Continuous Assessment Examinations, Interacting with Parents, ensuring that all academic and non academic activities of staff and students are monitored and steps taken for their improvement.

#### 8. BATCH COORDINATOR

The Head of the Department shall appoint a Batch coordinator for each batch of students admitted in to a programme, throughout their period of study. The Batch coordinator shall act as a linkage between the HoD, faculty members and the students. The Batch coordinator gets information about the Syllabus coverage by the staff members, problems faced by the students academically and otherwise, attendance and progress of

the students from the respective Class Counselors. The Batch Coordinator also informs the students of the academic schedule including the dates of assessments and syllabus coverage for each assessment, weightage for each assessment, their Continuous assessment Marks and attendance % details before the commencement of End Semester examinations.

## 9. CLASS COUNSELOR

There shall be a class counselor for each class. The class counselor will be one among the teachers of the Department. He / She will be appointed by the HoD of the department concerned. The responsibilities for the class Counselor shall be:

- To act as the channel of communication between the HoD, Faculty Head, Batch Coordinator, Course Coordinator, staff and students of the respective class.
- To collect and maintain various statistical details of students.
- To help the Batch Coordinator in planning and conduct of the classes.
- To monitor the academic performance of the students including attendance and to inform the Batch Coordinator.
- To take care of the students' welfare activities like industrial visits, seminars, awards etc.

## 10. COURSE COORDINATOR FOR EACH COURSE

- Each theory course offered to more than one class or branch or group of branches, shall have a "Course coordinator" comprising all the teachers teaching the course, with one of the senior staff amongst them normally nominated as course coordinator, by the faculty head in consultation with the respective HoD's.
- The "Course Coordinator" shall meet the teachers handling the course, as often as possible and ensure a Common Teaching Methodology is followed for the course, Study materials are prepared by the staff members and communicated to the students periodically, involving students in course based projects and assignments, common question paper for continuous assessment tests, uniform evaluation of continuous assessments Answer sheets by arriving at a common scheme of evaluation.
- The Course coordinator is responsible for preparing the Performance of the students in the Continuous Assessments and End Semester exams and analyse them to find suitable methodologies for improvement in the performance. This analysis should be submitted to the HoD and Faculty Head for suitable action.

## 11. EXAMINATIONS

The end semester examinations shall normally be conducted between October and December during the odd semesters and between March and May in the even semesters. The weightage of marks for each theory, studio oriented courses and studio courses (including the thesis in the tenth Semester) shall be with the following breakup.

<b>(i) Theory Courses</b>	
Continuous Assessment	: 50 %
End Semester Examinations	: 50 %
<b>(ii) Studio Oriented Courses</b>	
Internal Continuous Assessment	: 50 %
University End Semester Viva	: 50 %

(iii) **Studio Courses**

Internal Continuous Assessment	: 50 %
External Continuous Assessment and University End Semester Viva	: 50 %

**12. CONTINUOUS ASSESSMENT EXAMS****a. Theory courses**

- There will be a Minimum of two Continuous Assessment Exams, for each Theory course. Each Assessment Exam will be conducted for a Maximum of 50 Marks. The total marks secured in the Two Assessment Exams out of 100, will be converted to 45 Marks. The % of attendance secured by the candidate in a course in a semester will carry a weightage of 5 Marks, which will be added to the Continuous Assessment Marks for each course.
- The Continuous assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts, till the candidate secures a pass.

Continuous Assessment I	Continuous Assessment II	Attendance	University End Semester Viva Voce Examination	Total marks
25	25	5	50	100
45				
50				

**b. Studio Oriented Courses**

- For Studio oriented courses like Construction Studio and Structures Studio, out of 50 marks of the internal component, continuous assessment of assignments, exercises, plates, seminars, workshops etc will be evaluated for 45 marks and 5 marks for the % of attendance secured by the candidate in the studio in a semester. The remaining 50 marks of the external component will be for the University Viva-Voce examination conducted at the end of the semester.

Continuous Assessment I	Continuous Assessment II	Attendance	University End Semester Viva Voce Examination	Total marks
Through assignments, Plates, seminar workshops etc		5	50	100
25	25			
45				
50				

**c. Studio Courses****(i) Design Studio I & II:**

For design studio I & II, 200 marks will be evaluated during the continuous assessment and 200 marks through University examinations which includes 50 marks for end semester examination and 150 marks for viva voce examination conducted at the end of the semester. The 200 marks of the internal component will be evaluated through continuous assessments I & II. Each assessment carries 100 marks with the following breakup:

Continuous Assessment I				Continuous Assessment II				University End Semester Examination	University End Semester Viva-Voce Examination	Total marks
Through assignments, exercises, Plates, seminar, workshops etc	Review by external experts	Assessment Examination I	Attendance	Through assignments, exercises, Plates, seminar workshops etc	Review by external experts	Assessment Examination II	Attendance	50	150	400
40	25	25	10	40	25	25	10			
100				100						

**(ii) Design Studio III, IV, V & VI:**

For design studio III to VI, 300 marks will be evaluated during the continuous assessment and 100 marks through viva voce examination conducted at the end of the semester. The 300 marks of the internal component includes 150 marks awarded by the concerned course faculty for the assignments, site visits, seminars, exercises drawings, models, plates etc in stages, 125 marks awarded by external experts appointed by HoD at two or three stages, and 25 marks for the % of attendance secured by the candidate in a semester.

Continuous Assessment during the semester			University End Semester Viva Voce Examination	Total marks
Through assignments, exercises, site visits, plates, drawing models etc	Review by external experts	Attendance		
150	125	25	100	400
300				

**(iii) Design Studio VII & VIII:**

For design studio VII & VIII, 450 marks will be evaluated during the continuous assessment and 150 marks through viva voce examination conducted at the end of the semester. The 450 marks of the internal component includes 250 marks awarded by the concerned course faculty for the assignments, site visits, seminars, exercises drawings, models, plates etc in stages, 175 marks awarded by external experts appointed by HoD at two or three stages, and 25 marks for the % of attendance secured by the candidate in a semester.

Continuous Assessment during the semester			University End Semester Viva Voce Examination	Total marks
Through assignments, exercises, site visits, plates, drawing models etc	Review by external experts	Attendance		
250	175	25	150	600
450				

**(iv) Computer Studio:**

Computer studio consists of 100 marks with 50 marks each for internal and external components. Out of 50 marks of the internal component, continuous assessment of assignments, exercises, plates, etc will be evaluated for 45 marks and 5 marks for the % of attendance secured by the candidate in the studio in a semester. The remaining 50 marks of the external component will be for the University viva voce examination conducted at the end of the semester.

Continuous Assessment I	Continuous Assessment II	Attendance	University End Semester Viva Voce Examination	Total marks
Through assignments, Plates, exercises etc				
25	25	5	50	100
45				
50				

**(v) Architectural Drawing / Art Studio Workshop**

For Studio courses like Architectural Drawing and Art Studio Workshop, 150 marks will be evaluated through continuous assessment and 50 marks through end semester viva voce examination conducted by the University. The 150 marks of the internal component includes 90 marks awarded by the concerned course faculty for the assignments, plates, drawings, models, workshops etc in stages, 50 marks awarded by external experts appointed by HoD at two or three stages, and 10 marks for the % of attendance secured by the candidate in the semester.

Continuous Assessment during the semester			University End Semester Viva Voce Examination	Total marks
Through assignments, exercises, site visits, plates, drawing models etc	Review by external experts	Attendance		
90	50	10	50	200
150				

**(vi) Professional Training**

Professional Training consists of 600 marks with 300 marks evaluated during the Professional Training and 300 marks through viva voce examination conducted by the University at the end of the semester. There will be a Minimum of three Continuous Assessments for Professional Training which will be carried out by the offices where the student undergoes Professional Training through three consecutive reports based on the performance, progress and attendance for 270 Marks and the remaining 30 marks will be awarded by the Professional Training coordinator on the basis of reports, documentation of the work of the students during Professional Training submitted prior to the University viva voce examination.

Continuous assessment during the semester				University End Semester Viva Voce Examination	Total marks
Monthly report I	Monthly report II	Monthly report III	Professional training coordinator		
90	90	90	30	300	600
300					

**(vii) Educational Tour**

Educational tour consists of 100 marks with 50 marks each for internal and external components. There will be a Minimum of two assessments namely Pre-tour and Post-tour for a total of 45 Marks awarded by the tour coordinator for the documentation that includes drawings, sketches, pictures and report, and 5 marks for the attendance in the Tour. The remaining 50 marks of the external component will be for the University viva voce examination conducted at the end of the semester.

Pre - Tour	Post - Tour	Attendance	University End Semester Viva Voce Examination	Total marks
25	25	5	50	100
45				
50				

**(viii) Dissertation and Pre-Thesis**

For Dissertation and Pre thesis, 100 marks will be awarded for the Continuous Assessment and 100 marks for the End Semester Viva Voce examination conducted by the University. 90 marks will be awarded by the Review committee constituted by the HoD through three Continuous Assessments reviews and 10 marks for the % of attendance secured by the candidate.

Continuous Assessment during the semester				University End Semester Viva Voce Examination	Total marks
Review I	Review II	Review III	Attendance	100	200
30	30	30	10		
100					

**(ix) Thesis**

Thesis consists of 800 marks with 550 marks as internal and 250 marks for the University viva voce examination. There will be a minimum of four continuous assessments for Thesis session which includes assessment through periodic reviews and a pre final viva voce examination. Out of 550 marks of the internal component, 250 marks will be awarded by the external experts, 125 marks will be awarded by the internal coordinator on the basis of the performance of the student presented to the review committee constituted by the Faculty head and HoD, 125 marks by the supervisor of the concerned student based on periodic interaction and continuous progress and 50 marks for the Pre final internal viva voce examination conducted by the internal thesis coordinator appointed by the Faculty head and HoD.

Continuous assessment during the semester				University End Semester Viva Voce Examination	Total marks
Supervisor markings based on continuous progress	Reviews by internal coordinator	Periodic reviews by external member	Pre final internal viva voce examination	250	800
125	125	250	50		
550					

**13. ELECTIVE COURSES**

Every student has the option of choosing four elective courses during the period of study. The student has to select atleast two electives offered by the respective department. The student also has the choice of selecting the other two electives from electives offered by Departments within the faculty in that semester and / or from the University electives which can be opted as elective by all undergraduate branches of the University.

**14. PROFESSIONAL TRAINING**

As per the norms laid by the Council of Architecture, India, a candidate has to undergo Professional Training for one semester in an approved architectural firm established not less than five years with a registered architect. A student is to undergo this Professional Training during the seventh semester. The evaluation of the performance of the students in Professional Training shall be as per the assessment procedure laid out in clause 12.c. (vi)

**15. RURAL STUDY / EDUCATIONAL TOUR**

The student has to participate in a rural study and an educational tour organized by the department during his/her study in the third and Seventh semester respectively. The evaluation of the performance of the students in Educational Tour shall be as per the assessment procedure laid out in clause 12.c (vii).

The rural study will be evaluated as a part of Design Studio III and the educational tour will be evaluated based on the pre and post tour reports submitted by the students. The evaluation will be done by examiners appointed by the University. A minimum of 50% marks has to be secured to pass in the same.

In case a student is not able to participate in Educational tour due to reasons of ill health or other valid reasons, he/she will participate in the Tour with the permission of Head of the Department in the subsequent year. In case a student has not participated in Educational tour he/she will not be permitted to submit the final year Thesis.

**16. GUIDELINES FOR CONDUCT OF DESIGN STUDIO**

- (i) For Design Studio I to VIII, the Faculty Head and HoD shall appoint a minimum of two faculty members as studio coordinators for each class and a batch coordinator who shall coordinate the Design Studio projects of the concerned semester.
- (ii) The batch coordinator shall prepare the course plan which includes number of projects to be handled and weightages for the same, duration of the same and stages of work for the entire semester in the beginning of the respective semester in coordination with the studio coordinators and in consultation with the Core Design Team.
- (iii) The Design studio works shall be carried out by the students under the direction and supervision of the studio coordinators of the concerned class.
- (iv) The performance of the students in Design Studio will be assessed periodically as per the course planned and approved in the beginning of the semester and the same shall be displayed in the notice board.
- (v) The performance of the students at two or three critical stages shall be evaluated by external experts appointed by the Faculty Head and HoD in the form of Continuous Assessment Reviews.
- (vi) A candidate, who fails to secure a minimum of 50% marks in the continuous assessment which includes the assessment by external experts shall not be allowed to appear for the University End Semester Viva-Voce examination and has to reregister for the respective Design Studio courses in the next academic session.
- (vii) A jury comprising of one internal examiner and one or two external examiners appointed by the University shall conduct the final Viva-Voce examination of the respective Design Studio. The studio coordinators of the concerned design studio will be present during the viva voce examination.
- (viii) A candidate shall be declared to have passed in the Design Studio if he/she secures not less than 50% in the Viva- Voce examination conducted by the University

- (ix) If he/she fails to secure a pass in the viva voce examination, he/she shall improve the design in the directions suggested by the Jury and resubmit the same in the subsequent semester. In such cases the continuous internal assessment marks already secured by the candidate shall remain valid. The resubmitted design shall be assessed by a jury comprising of external examiners through a Viva-Voce examination conducted by the University.

## 17. GUIDELINES FOR CONDUCT OF THESIS

- (i) The Thesis will be initiated in the beginning of the ninth semester as part of the Dissertation and Pre thesis study.
- (ii) The Thesis shall be prepared under the guidance of an internal supervisor / qualified professional.
- (iii) There will be four continuous assessments during the semester conducted by a review committee comprising of Senior Professor, Supervisor and External experts.
- (iv) In addition there will be a Pre final internal viva voce examination conducted by an internal team comprising of senior faculty members of the Department.
- (v) A candidate, who fails to secure a minimum of 50% marks in the continuous assessment shall not be allowed to appear for the University Viva-Voce examination and has to reappear for the same in the next academic thesis session, with the same or a different Thesis topic.
- (vi) A jury comprising of one internal examiner and two external examiners appointed by the University shall conduct the final Viva-Voce examination of the Thesis at the end of the Tenth semester. The supervisor of the candidate concerned shall be present during the viva voce examination.
- (vii) A candidate shall be declared to have passed in the Thesis if he/she secures not less than 50% in the Viva- Voce examination conducted by the University.
- (viii) If he/she fails to secure a pass in the Thesis he/she shall improve the Thesis on the same topic on the lines suggested by the Jury and resubmit the same in the subsequent semester. In such cases the continuous internal assessment marks already secured by the candidate shall remain valid. The resubmitted Thesis shall be assessed by a jury comprising of external examiners through a Viva-Voce examination conducted by the University.

## 18. PASSING REQUIREMENTS

- A candidate should secure not less than 50% of total marks prescribed for the courses, subject to securing a minimum of 30% marks out of Max. Mark in End Semester Examinations. Then he / she shall be declared to have passed in the Examination.
- If a candidate fails to secure a pass in a particular course, it is mandatory that he / she shall register and reappear for the examination in that course during the next semester when examination is conducted in that course. It is mandatory that he / she should continue to register and reappear for the examination till he / she secures a pass.

## 19. PROMOTION TO HIGHER SEMESTERS

The candidate shall be promoted to the next semester only if he/she fulfills the requirements as stipulated below.

Requirements for promotion to higher semester:

Promotion to higher Years	Semester	Requirements for promotion
<b>First stage of the programme</b>		
II Year	III	Should have secured a pass in Design Studio I and Design Studio II
III Year	V	Should have secured a pass in Design Studio III and Design Studio IV
<b>Second stage of the programme</b>		
IV Year	VII	Should have secured a pass in Design Studio V and Design Studio VI and all the courses offered in the first year.
	VIII	Should have secured a pass in Professional Training
V Year	IX	Should have secured a pass in Design Studio VII

## 20. AWARD OF GRADES

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 course as detailed below:

### RANGE OF MARKS FOR GRADES

Range of Marks	Grade	Grade Points (GP)
90-100	A++	10
80-89	A+	9
70-79	B++	8
60-69	B+	7
50-59	C	6
00-49 (Reappear)	RA	0
ABSENT	AAA	0
Withdrawal	W	0
Authorised Break of Study	ABS	0

### CUMULATIVE GRADE POINT AVERAGE CALCULATION

The CGPA calculation on a 10 Point scale is used to describe the overall performance of a student in all courses from first semester to the last semester. RA, AAA and W grades will be excluded for calculating GPA and CGPA.

$$CGPA = \frac{\sum_i C_i GP_i}{\sum_i C_i}$$

where  $C_i$  - Credits for the course

$GP_i$  - Grade Point for the course

$\sum_i$  - Sum of all courses successfully cleared during all the semesters

**Final Degree is awarded based on the following:**

- CGPA  $\geq$  9.0** - **First Class - Exemplary**
- CGPA  $\geq$  7.50 < 9.00** - **First Class with Distinction**
- CGPA  $\geq$  6.00 < 7.50** - **First Class**
- CGPA  $\geq$  5.00 < 6.00** - **Second Class**

Minimum requirements for award of Degree, a student should have obtained a minimum of 5.0 CGPA.

## 21. GRADE SHEET

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

- Name of the Candidate with Date of Birth and Photograph.
- The programme and degree in which the candidate has studied.
- The list of courses enrolled during the semester and the grade secured.
- The Grade Point Average (GPA) for the semester.

## 22. ELIGIBILITY FOR THE AWARD OF DEGREE

A student shall be declared to be eligible for the award of the B.Arch degree, provided the student has successfully completed all the requirements of the programme, and has passed all the prescribed examinations in all the 10 semesters within the maximum period specified in clause 4.

- i) Successfully gained the required number of total credits as specified in the curriculum within the stipulated time.
- ii) Successfully completed the programme requirements and has passed all the courses prescribed in all the semesters within a maximum period of 7 years reckoned from the commencement of the first semester to which the candidate was admitted.
- iii) Successfully completed any additional courses prescribed by the University.
- iv) No disciplinary action pending against the student.
- v) The award of Degree must have been approved by the Board of Management of the University.

## 23. CLASSIFICATION OF THE DEGREE AWARDED

1. A candidate who qualifies for the award of the Degree having passed the examination in all the courses of all the TEN semesters in his/her first appearance within a maximum of 10 consecutive semesters securing a overall CGPA of not less than 9.0 shall be declared to have passed the examination in **First Class - EXEMPLARY**. Authorized Break of Study vide clause 25, will be considered as an Appearance for Examinations, for award of First Class – Exemplary. Withdrawal from a course shall not be considered as an appearance for deciding the eligibility of a candidate for First Class – Exemplary.
2. A candidate who qualifies for the award of the Degree having passed the examination in all the courses of all the TEN semesters in his/her first appearance within a maximum of 10 consecutive semesters securing a overall CGPA of not less than 7.5 shall be declared to have passed the examination in **First Class with Distinction**. Authorized Break of Study vide Clause 25, will be considered as an Appearance for Examinations, for award of First Class with Distinction. Withdrawal shall not be considered as an appearance for deciding the eligibility of a candidate for First Class with Distinction.

3. A candidate who qualifies for the award of the Degree having passed the examination in all the courses of all the TEN semesters within a maximum period of 10 consecutive semesters after his/her commencement of study securing a overall CGPA of not less than 6.0, shall be declared to have passed the examination in **First Class**. Authorized break of study vide Clause 25 (if availed of) or prevention from writing End semester examination due to lack of attendance will not be considered as Appearance in Examinations. For award of First class, the extra number of semesters than can be provided (in addition to five years for Normal B.Arch will be equal to the number of semesters availed for Authorized Break of Study or Lack of Attendance. Withdrawal shall not be considered as an appearance for deciding the eligibility of a candidate for First Class.
4. All other candidates who qualify for the award of the Degree having passed the examination in all the courses of all the 10 semesters within a maximum period of 14 consecutive semesters after his/her commencement of study securing a overall CGPA of not less than 5.0, shall be declared to have passed the examination in **Second Class**.
5. A candidate who is absent in semester examination in a course/Thesis after having registered for the same, shall be considered to have appeared in that examination for the purpose of classification.
6. A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, immediately after the declaration of results, on payment of a prescribed fee along with prescribed application to the Controller of Examinations through the Head of Department. The Controller of Examination will arrange for the revaluation and the result will be intimated to the candidate concerned through the Head of the Department. Revaluation is not permitted for Studio courses and for Thesis.

#### 24. WITHDRAWAL FROM EXAMINATIONS

- A candidate may, for valid reasons, (medically unfit / unexpected family situations) be granted permission to withdraw from appearing for the examination in any course or courses in any one of the semester examination during the entire duration of the degree programme.
- Withdrawal application shall be valid only if the candidate is otherwise normally eligible (if he/she satisfies Attendance requirements and should not be involved in Disciplinary issues or Malpractice in Exams) to write the examination and if it is made within FIVE days before the commencement of the examination in that course or courses and also recommended by the Faculty Head through HoD.
- Notwithstanding the requirement of mandatory FIVE days notice, applications for withdrawal for special cases under extraordinary conditions will be considered based on the merit of the case.
- Withdrawal shall not be considered as an appearance for deciding the eligibility of a candidate for First Class – Exemplary, First Class with Distinction and First Class.
- Withdrawal is NOT permitted for arrears examinations of the previous semesters.

#### 25. AUTHORISED BREAK OF STUDY

- This shall be granted by the University Management, only once during the full duration of study, for valid reasons for a maximum of one year during the entire period of study of the degree programme.
- A candidate is normally not permitted to temporarily break the period of study. However, if a candidate would like to discontinue the programme temporarily in the middle of duration of study for valid reasons (such as accident or hospitalization due to prolonged ill health), he / she shall apply through the Faculty Head in advance (Not later than the Reopening day of that semester) through the Head of the Department stating the reasons. He /She should also mention clearly, the Joining date and Semester for Continuation of Studies after completion

of break of Study. In such cases, he/she will attend classes along with the Junior Batches. A student who availed break of study has to rejoin only in the same semester from where he left.

- The authorized break of study will not be counted towards the duration specified for passing all the courses for the purpose of classification only for First Class.
- The total period for completion of the programme shall not exceed more than 14 consecutive semesters from the time of commencement of the course irrespective of the period of break of study in order that he / she may be eligible for the award of the degree
- If any student is not allowed to appear for University Examinations for not satisfying Academic requirements and Disciplinary reasons, (Except due to Lack of Attendance), the period spent in that semester shall NOT be considered as permitted 'Break of Study' and is NOT applicable for Approved Break of Study.
- In extraordinary situations, a candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. Such extended break of study shall be counted for the purpose of classification of First Class Degree.
- If the candidate has not reported back to the department, even after the extended Break of Study, the name of the candidate shall be deleted permanently from the University enrollment. Such candidates are not entitled to seek readmission under any circumstances.

## 26. NON CREDIT COURSES

Every student has the opportunity to enroll in any of the following Non Credit Courses, during the programme. The student will have to register for the courses with the respective coordinator before the end of First Semester.

- National Cadet Corps (NCC)
- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- SPORTS CONTRIBUTION: The student is involved in any sport and represents the University in Tournaments.
- PROFESSIONAL CLUBS: Any student can also involve in any of the Professional Clubs available in the University and contribute towards that.

The above contribution should be completed by the end of Eighth Semester as per the requirements. The Contribution and the Performance of the candidate, will be Printed in the Final Semester Grade sheet and Consolidated Grade Sheet under the Category "NON CREDIT COURSES" indicated as SATISFACTORY or NOT SATISFACTORY.

## 27. OPPORTUNITY TO GAIN EXPOSURE OUTSIDE THE UNIVERSITY

- This is facilitated by the "Centre for Academic Partnerships" of Sathyabama University consisting of a team of experienced faculty members involved in forging Partnerships with Leading Universities, Educational Institutions, Industrial and Research establishments in India and Abroad.
- A student can be selected, to get Professional Exposure in his/her area of Expertise in any Reputed Research Organization or Educational Institution of repute or any Universities in India and abroad.
- This is possible only with the List of Research Organizations, Educational Institutions in India and abroad approved by Sathyabama University.
- A student should have got a minimum of 6 CGPA without any arrears at the time of applying and at the time of undergoing such courses outside, to avail this facility.

- The student can have the option of spending not more than three to Six months in the Final year or Pre-final year of his/her Degree. During this period, the student can do his/her Professional Training or Thesis or register for courses which will be approved by the Centre for Academic Partnerships (CAP), under the Guidance of a Supervisor who is employed in the Organization and Co-guided by a staff member from our University.
- Applications for the above should be submitted by the students to the Centre for Academic Partnerships (CAP), in the required format, with complete details of University, Courses and Equivalence Details and approved by the Faculty Head.
- The Centre will go through the applications and select the students based on their Academic Performance and enthusiasm to undergo such courses. This will be communicated to the Universities Concerned by the Centre.
- The performance of the student in the courses, registered in that Institute or University will be communicated officially to Centre for Academic Partnerships (CAP).
- The students who undergo training outside the University (either in India or Abroad) is expected to abide by all Rules and Regulations to be followed as per Indian and the respective Country Laws, and also should take care of Financial, Travel and Accommodation expenses.

## **28. DISCIPLINE**

Every student is required to observe disciplined and decorous behaviour both inside and outside the University and not to indulge in any activity which will tend to bring down the prestige of the University. If a student indulges in malpractice in any of the University Examinations in theory / studio courses or continuous assessment examinations, he/she shall be liable for punitive action as prescribed by the University from time to time.

## **29. REVISION OF REGULATIONS AND CURRICULUM**

The University may from time to time revise, amend or change the regulations, scheme of examinations and syllabi if found necessary.