

REGULATIONS: 2015
(R2015)
UNDER GRADUATE PROGRAMMES - B. ARCH.

Degree of Bachelor of Architecture (Ten Semesters)
(Applicable to batches admitted from July 2015 onwards)
CHOICE BASED CREDIT SYSTEM

PREAMBLE

It has become necessary to adopt ‘Outcome Based Education (OBE)’ Process to ensure that the required outcomes (knowledge, skills and attitude / behavior) are acquired by the learners of a programme. With the OBE process in mind, our educational system for the Faculty of Engineering and Technology has been framed to provide the needful scope for the learners through the Choice Based Credit System (CBCS) that will pave the path to strengthen their knowledge, skills and attitude / behavior. The CBCS offers flexibility to learners which include large number of electives, flexible pace for earning credits and audit courses.

THE OBJECTIVES OF CHOICE BASED CREDIT SYSTEM (CBCS) :

- To offer the right blend of Core, General, Engineering Sciences & Technical Arts and Basic Science courses to facilitate the learners to acquire the needful outcomes.
- To facilitate students to earn extra credits.
- To elevate the level of knowledge, skills and attitude/behavior on par with the students across the globe.
- To offer programmes in an academic environment with purpose, the needful foundations, breadth (exposure for optimal learning) and professionalism.

The curriculum and syllabi for B.Tech programmes confirm to outcome based teaching-learning process based on the Programme Educational Objectives. In general the following Program Outcomes have been identified and the curriculum have been structured in such a way that each of the courses meets these outcomes. The Programme Educational Objectives and Programme Outcomes are well defined and aligned with the Vision and Mission of each of the Department and the University.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURES

In these Regulations, unless the context otherwise requires:

- i. **“Programme”** means B. Arch Degree Programme
- ii. **“Course”** means a theory, theory cum studio or studio subject that is normally studied in a semester, like History of Architecture, Building Construction, Architectural Design, etc.
- iii. **“University”** means Bharath University, Chennai.

- iv. **Dean (BU)** refers to the Dean of Institution, Bharath University
- v. **Dean/Director** refers to Dean/ Director of School of Architecture, Bharath University
- vi. **‘HOD’** refers to the Head of department, School of architecture, Bharath University
- vii. **“Controller of Exams”** means the Controller of Examination of Bharath University, who is responsible for conduct of examinations and declaration of results.

2. ADMISSION

- 2.1
 - a) Candidates for admission to the first year of 5-year B.Arch. degree Programme shall be required to have passed a qualifying examination viz the Higher Secondary Examination (Academic stream) with Mathematics as subject of examination or 10 +3 Diploma (any stream) recognized by the Central / State Government 50% marks in aggregate Mathematics as compulsory subject of examination
 - 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%
 - c) The eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the BOM of the University from time to time

3. STRUCTURE OF THE PROGRAMMES

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

- i. Theory courses such as Mathematics, Mechanics of Structures, Building Materials, History of Architecture, etc.
- ii. Theory cum Studio Courses comprising of Architectural Drawing, Material and Building construction, Computer studio, etc.
- iii. Studio courses comprising of Basic Design and Architectural Design.
- iv. Elective courses for specialization in related fields.
- v. Architectural Thesis in the VIII Semester.
- vi. An internship programme in the IX & X semesters for exposure in the Architectural Profession & a dissertation on a chosen topic.

vii.NCC/NSS/NSO/YRC/YOGA activities for character development

viii.A compulsory Educational Tour for a minimum period of 14 days and field visits/site visits every semester.

Each course is normally assigned certain number of credits with 1 credit per lecture period per week, 1 credit for 1 tutorial period per week, 1 credit for studio periods per week and 1 credit for 2 practical periods per week. Internship programme in IX & X semester B.Arch shall carry 12 and 10 credits respectively and dissertation 3 credits.

Each semester curriculum shall normally have a blend of theory courses, theory cum studio courses, studio courses and elective courses not exceeding 7 of which the studio courses shall not exceed 3.

For the award of the degree, a student has to earn 214 credits as specified in the curriculum.

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

4. 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.

Each Period shall be a minimum of 50 minutes.

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

5. REQUIREMENTS FOR COMPLETION OF A SEMESTER

A candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester and shall be permitted to take the end semester examination of that semester.

- 5.1 Ideally every student is expected to attend all classes and earn 100% attendance. However in order to allow for certain unavoidable reasons student is expected to attend at least 75% of classes. Therefore he/she shall secure not less than 75% of overall attendance in that semester taking into account the total number of periods in all courses including improvement courses, if any put together the candidate as against the total number of periods in all courses offered in that semester.

- 5.2 Under extraordinary circumstances such as Prolonged illness/participation in sports/Personal or he/she may be permitted to appear for the end semester examination with a minimum of 65% overall attendance in all the enrolled subjects. Candidates shall approach the Dean/Director (Academic Course) for such permission through the HOD.

6. **FACULTY ADVISER**

To help the students in planning their courses of study and for general advice on the academic programme, the Head of the Department will attach a certain number of students to a teacher of the Department who shall function as Faculty Adviser for those students and monitor the courses taken 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 also discuss with or inform the parents about the progress / performance of the students concerned.

7.0 **CLASS COMMITTEE**

- 7.1 The composition of the class committee from 1st to 10th semester, will be as follow:
- 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 40 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. Dean or Head of the Department
- 7.2 The class committee shall meet atleast 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 assessment. 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.
- 7.3 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 effectiveness of the teaching-learning process.
- 7.4 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 presented to the class committee(s) by the concerned course coordinator.

8. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

8.1 Every teacher is required to maintain an '**ATTENDANCE AND ASSESSMENT RECORD**' which consists of attendance marked for each Theory, Theory cum Studio or Studio, the test marks and the record of class work (topic covered), separately for each course. This should be submitted to the HOD periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks after due verification. At the end of the semester, the record should be verified by Dean/Director who will keep this document in safe custody (for five years).

8.2 Theory courses and Elective courses

The maximum marks for Internal Assessment shall be 20 (15 marks for evaluations/tests and 5 marks for attendance) in case of theory courses. The internal assessments will be carried out through three evaluation of 100 marks each conducted by the Department/Institution. At least two of the evaluations should be in the form of tests in the lines of the End Semester Examination. The marks obtained in the best two out of the three assessments put together out of 200, shall be reduced to 15 marks and rounded off to the nearest integer. The remaining 5 marks shall be distributed for attendance as prescribed in Clause 8.3.1

8.3 Theory cum Studio courses

The maximum marks for Internal Assessment shall be 40 (35 marks for assessments and 5 marks for attendance) in case of theory cum studio courses. The evaluation will be carried out for 35 marks through continuous internal assessment of the performance of the candidate throughout the semester. SA minimum of six evaluation should be made out of which at least two should be in the form of a test. The weightage for the evaluations shall be recommended by the Class Committee and announced by the Dean/Director. The marks obtained in all the six assessments put together shall be reduced to 35 marks and rounded off to the nearest integer. The remaining 5 marks shall be distributed for attendance prescribed in Clause 8.3.1.

8.3.1 The remaining 5 marks for attendance shall be awarded as given below for the theory and theory cum studio based courses:

- 76% to 80% of attendance - 1 mark
- 81% to 85% of attendance – 2 marks
- 86% to 90% of attendance – 3 marks
- 91% to 95% of attendance – 4 marks
- 96% to 100% of attendance – 5 marks

8.4 **Studio courses comprising of Basic Design and Architectural Design**

The evaluation will be carried out for a weightage of 65% of the total marks through continuous internal assessment based on the class records of the candidate and for a weightage of 20% of total marks through the viva-voce examination at the end of the semester, based on the portfolio of class records of the candidate.

End Semester design examination will be conducted from semesters II to VI and will carry a weightage of 15%.

8.5 **Internship Programme**

- 8.5.1 Every candidate shall undergo Internship Programme in IX and X semester. In the IX semester of the B.Arch program the candidate shall undergo internship programme in architectural offices in India only under registered architects with a minimum for 5 years professional experience with the approval of the HOD. However in the semester the candidate is permitted to undergo internship programmes in architectural offices in other countries where the principal architect is registered under the concerned local registration body as approved by the Council of Architecture
- 8.5.2 Every candidate is required to undertake the entire duration of Internship Programme whether in the IX and or X semester in one Architectural Office. However under unforeseen circumstances if the candidate wishes to change his /her place of Internship Programme he /She shall be allowed to do so only once in the each semester of the provided the candidate satisfies a minimum of 30 days Internship Programme in any one of the offices.
- 8.5.3 Continuous assessment for internship Training in each semester 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 in who will issue three assessments in each semester as per the academic schedule of the University and 20% will be awarded by the Coordinator, internship programme for the submitted portfolio of works at the end of the Semester.
- 8.5.4 Viva Voce Examination for the portfolio of work done under Internship programme shall be evaluated by one external examiner appointed by the University for a weightage of 50% of the total marks
- 8.5.5 Internship Training shall commence on the reopening day of the respective semester and conclude on the last working day of that semester as per the academic schedule of the University.

8.6 **Dissertation**

- 8.6.1 Every candidate shall submit at the end of the B.Arch X semester a Dissertation on a subject approved by the HOD. The Dissertation will be coordinated by a Coordinator, Dissertation who will be appointed by the HOD.
- 8.6.2 Continuous assessment for Dissertation shall be done for a weightage of 50% of the total marks by the supervisor who will give three assessments as per the semester
- 8.6.3 Dissertation will be evaluated through a Viva voce examination at the end of X semester by one external examiner appointed by the University who shall each award 50% of the marks allocated for Viva Voce Examination.

8.7 **Thesis:**

Every candidate shall submit at the end of the VII Semester a thesis on a topic approved by the Committee constituted by the Head of the department which shall comprise of the Head of the department/Thesis Coordinator, supervisor of thesis, one internal member, and two external architects. The thesis shall be evaluated for a weightage of 70% of the total marks by the review committee through continuous internal assessment with a minimum of 5 reviews with equal weightage for each review and for a weightage of 30% of total marks through a viva voce examination at the end of the semester. The viva-voce will be conducted by a panel of two external examiners appointed by the University who shall each award 50% of the marks allocated for viva voce examination. The head of department/Thesis Coordinator and the supervisor of the thesis shall be present for the viva voce examination.

9 **END SEMESTER EXAMINATIONS AND VIVA VOCE EXAMINATIONS**

- 9.1 A candidate shall normally be permitted to appear for the University examination of the current semester if he/she has satisfied the semester completion requirements (vide Clause 8) and has registered for examination in all courses of that semester. Registration is mandatory for current semester examinations as well as arrears examinations
- 9.2 For each theory and elective course for end semester examination shall be conducted for 100 marks
The weightage of marks is as indicated below:
Internal assessment: 20%
End Semester Examination: 80%
- 9.3 The maximum marks for the theory cum studio based courses for end semester examination shall be conducted for 100 marks. The weightage of marks is as indicated below:
Internal assessment: 40%
End semester examination : 60%

- 9.4 For studio courses comprising of Basic Design & Architectural Design Viva –Voce examination shall be conducted as outlined in 8.4. The weightage of marks is as indicated below:
 Continuous internal assessment:65%
 Viva voce examination:20%
 End semester examination :15%
- 9.5 For the X semester thesis, Viva- Voce examination shall be conducted as outlined in clause 8.6.. The weightage of marks is as indicated below:
 Continous internal assessment :70%
 Viva voce Examination 30%
- 9.6 For Internship Programme, Viva –voce examination shall be conducted as outlined in clause 8.5. For Dissertation, the Viva-voce examination shall be conducted as outlined in Clause 8.6. However, the weightage of marks for both courses are as indicated below:
 Continuous assessment reports: 50%
 Viva voce examination: 50%
- 9.7 If a student indulges in malpractice during tests/examination, the student shall be liable for punitive action as prescribed by the University from time to time

10. METHODS FOR REDRESSAL OF GRIEVANCES IN EVALUATION

10.1. Students who are not satisfied with the grades awarded can seek redressal by the methods given in Table below:

S. No	Redressal Sought	Methodology
I	Request for photocopy of the answer script	To apply to COE within 5 days of declaration of result along with the payment of the prescribed fee.
Ii	Request for revaluation of answer script	
Iii	Request for revaluation along with the photocopy of answer script.	
Iv	Request for revaluation after obtaining photocopy of the answer script	To apply to COE within 5 days of obtaining the photocopy along with the payment of the prescribed fee.

Vi	Review of Answer scripts	To apply to COE within 5 days of publication of revaluation results.
----	--------------------------	--

These are applicable only for theory courses in regular and arrear end semester examinations.

- 10.2. A student can make an appeal to the COE for the review of answer scripts in case he/she not satisfied with result after revaluation. A student who is not satisfied with the revaluation results and desirous of review of answer scripts can apply to COE within 5 days of publication of revaluation of results by paying prescribed fee.

11. MALPRACTICE

If a student indulges in malpractice in any internal test/model examination/end semester examination, he/she shall be liable for punitive action as prescribed.

12. PASSING REQUIREMENTS

- 12.1. For theory courses, elective courses and dissertation, a candidate shall be declared to have passed the examination, if he/she secures a 45% of the total marks in the University examination with a minimum of 50% of the total marks in the internal assessment and University examination put together.
- 12.2 For theory cum studio based courses, a candidate shall be declared to have passed the examination, if she/he secures 45% of the total marks in the university examination with a minimum aggregate of 50% of the total marks in internal assessment and University examination put together.
- 12.3 If a candidate fails in theory /elective course/theory cum studio courses/ or dissertation he/she shall reappear in the University examinations of the subsequent semesters as supplementary candidate unless specified otherwise.
- 12.4 The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass as per clause 10. However, from the 3rd attempt onwards if a candidate fails to obtain pass marks (Internal Assessment + End Semester Examination) as per clause 10 then the passing requirement shall be as follows:
- 12.5 The candidate should secure 50% and above the maximum marks prescribed for the course in the University examinations alone.
- 12.6a) For studio courses, a candidate shall be declared to have passed the examination if he/she secures 50% of the total marks in the continuous internal assessment and viva voce examination put together and a minimum of 50% in the continuous internal assessment. In addition he/she should obtain minimum of 45% marks in the viva – voce examination of the portfolio of class records.

- b) If a candidate fails he/she shall take an arrear and present the portfolio during the subsequent semester.

Sl.No	Examination	Minimum Passing Requirement
a.	Continuous Internal Assessment	50%
b.	Viva-voce Examination	45%
c.	Total of (a) +(b)	50%

- 12.7a) For Internship Programme, a candidate shall be declared to have passed if he/she secures a minimum of 45% in the viva-voce examination with a minimum aggregate of 50% of the total marks in the internal assessment and the viva-voce examination put together

Sl.No	Examination	Minimum Passing Requirement
a.	Continuous Internal Assessment	50%
b.	Viva-voce Examination	45%
c.	Total of (a) +(b)	50%

- b) If a candidate fails, he/she shall repeat the Internship Programme

- 12.8 a) For Thesis, a candidate shall be declared to have passed if he/she secures a minimum of 50% of the total marks in the continuous internal assessment and viva voce examination put together with a minimum of 50% marks in the continuous internal assessment by the review committee and a minimum of 45% marks in the viva –voce examination.

Sl.No	Examination	Minimum Passing Requirement
a.	Continuous Internal Assessment	50%
b.	Viva-voce Examination	45%
c.	Total of (a) +(b)	50%

- b) If a candidate fails to secure a minimum of 50% marks in the continuous internal assessment he/she shall not be allowed to submit the thesis, he/she shall rejoin the VII semester when in session next secure the minimum marks and submit the thesis as in the case of regular candidates.
- c) If a candidate fails secure a minimum of 45% in the viva voce examination and/or 50% marks in the viva-voce examination and internal assessment put together, he/she shall improve, resubmit the thesis on the same topic and appear for viva-voce examination in the next semester as an arrear subject. In such cases, the continuous internal assessment marks by the review committee already secured by the candidate shall remain valid.
- d) If a candidate fails to secure a minimum of 45% marks in the viva-voce examination and wishes to change the topic, he/she shall rejoin the VII semester when in session next and go through the procedure as in the case of regular candidates.

13. REQUIREMENTS FOR APPEARING FOR END SEMESTER AND VIVA VOCE EXAMINATION

13.1 A candidate shall normally be permitted to appear for the end semester examination of the current semester if he / she has satisfied the semester completion requirements (vide Clause 5) and has registered for examination in all courses of that semester.

13.2 A candidate shall be permitted to appear for the Viva voce examinations of the current semester if he /she has satisfied all requirements vide clauses 10.2.1,10.3.1 and 10.4.1

14. REQUIREMENTS FOR MOVING TO A HIGHER SEMESTER

A candidate shall move to the next higher semester if he/she has satisfied the semester completion requirements (vide Clause 5)

15. AWARD OF LETTER GRADES

15.1 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 points, will be awarded as per the range of total marks (out of 100) obtained by the candidate, as detailed below:

Range of total marks	Letter grade	Grade points
91 to 100	S	10
81 to 90	A	9
71 to 80	B	8
61 to 70	C	7
57 to 60	D	6
50 to 56	E	5
0 to 49	U	0
Incomplete	I	0
Withdrawal	W	0

“U” denotes reappearance is required for the examination in the course (This grade will figure both in Marks Sheet as well as I Result Sheet

“W” denotes withdrawal from the course. The Grade “I” denotes inadequate attendance (as per clause 5 and clause 10.2,10.3 & 10.4) and hence prevention from writing the end semester examination and Viva voce examination

The Grade “I” and “W” will figure only in the Grade Sheets

The Grade Point Average (GPA) and the Cumulative Grade Point average (CGPA) 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, to the sum of the number of credits of all the courses in the semester.

CGPA will be calculated in a similar manner, considering all the courses enrolled from first semester, “U”, “I” and “W” grades will be excluded for calculating GPA and CGPA
13.3 In case a candidate does not fulfill the requirements for completion of the semester (vide clauses 5.0) the candidate will be awarded the Grade “I” in all courses registered that semester.

16 ELIGIBILITY FOR THE AWARD OF DEGREE

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

i) Successfully completed the course requirements and earned 214 credits as specified in the curriculum having passed all the prescribed examinations in all the 10 semesters within a maximum period of 8 years (16 semesters) reckoned from the commencement of the first semester to which the candidate was admitted.

ii) Completed the NCC / NSS / NSO / YRC / YOGA requirements

iii) Completed **one** educational tour.

iv) No disciplinary action pending against him/ her

16. CLASSIFICATION OF THE DEGREE AWARDED

16.1. 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 ten consecutive semesters securing a **CGPA** of not less than **8.50** shall be declared to have passed the examination in **First Class with Distinction**. Further, the authorized break of study (vide clause 15 (iii)) will not be counted for the purpose of classification. For this purpose, the withdrawal from examination (Clause 16.2(d)) will not be construed as an appearance.

16.2 A candidate who qualifies for the award of the Degree having passed the examination in all the courses in all the ten semesters within a maximum period of twelve consecutive semesters reckoned from the commencement of study in the first semester securing a **CGPA** of not less than 6.50 shall be declared to have passed the examination in **First Class**. Further the authorized break of study (vide clause 17 (iii)) will not be counted for the purpose of classification.

16.3 All other candidates (not covered in clauses 16.1 and 16.2) who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

17. PROVISION FOR WITHDRAWAL FROM EXAMINATION

- 17.1 A candidate may, for valid reasons, (medically unfit / unexpected family situations) be granted permission to withdraw from appearing from any course or courses in any one of the semester examinations during the entire duration of the degree programme. Also only one application for withdrawal is permitted for that semester examination in which withdrawal is sought.
- 17.2 Withdrawal application shall be valid only if the candidate is otherwise eligible to write the examination (Clause 5) and if it is made within prior to the examination in the course or courses and also recommended by the Head of the Department and the Principal of the college.
- Withdrawal application is to be made within TEN days prior to the commencement of the examination.
 - Withdrawal is NOT permitted for arrears examinations of the previous semesters.
 - 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.
 - Withdrawal shall not be construed as an appearance for deciding the eligibility of a candidate for First Class with Distinction.

18. TEMPORARY BREAK OF STUDY FROM A PROGRAMME

- A candidate is not normally permitted to avail temporary break of study. However if a candidate intends to temporarily discontinue the programmes in the middle for valid reasons (such as accident or hospitalization due to prolonged ill health) and to rejoin the programmes in a later semester he/she shall apply to the Registrar of the University in advance, in any case, not later than the last date for registering for the semester examinations of the semester in question, through the Head of the Department and Dean/Director stating the reasons therefore.
- The Candidate permitted to rejoin the programme after the break shall be governed by the rules and regulations in force at the time of rejoining.
- The authorized break of study shall not be counted towards the duration specified for passing all the courses for the purpose of classification.
- 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 irrespective of the period of break of study in order that he / she may be eligible for the award of the degree (vide clause 13).
- 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'. And clause 15(iii) is not applicable for this case.

19. **SITE / FIELD VISIT**

Every student shall undergo at least one site / field visit for every course offered. Every student is required to undergo such site or field visit for every course offered, starting from the first semester of the programmes

20. **MIGRATION/TRANSFER OF CANDIDATES**

20.1 Migration/Transfer of candidates from another University approved by UGC shall be granted. All Migrations/Transfers are subject to the approval of the Vice Chancellor

21. **EDUCATIONAL TOUR**

Every student shall undergo **one** educational tour, rural visit and other study visits arranged during the course of the B. Arch degree programme.

22. **FAST TRACK PROGRAMME**

Fast track programme is introduced as an option for the bright students enabling them to complete course in a short duration.

23. **DISCIPLINE**

Every student is required to observe disciplined and decorous behaviour as specified by the University, and any deviation will attract an enquiry by University committee which will in turn make recommendation for disciplinary action.

24. **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.