



# **PONDICHERY UNIVERSITY**

## **(A CENTRAL UNIVERSITY)**

### **CHOICE BASED CREDIT SYSTEM**

## **GUIDELINES FOR UG PROGRAMMES IN ARTS, SCIENCE AND COMMERCE**

**2017-18 Onwards**

**Approved by Academic Council  
(Vide Res. No. 2017.78.31, dt. 31.01.2017)**

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# CHOICE BASED CREDIT SYSTEM

## 1. PREAMBLE

The Choice Based Credit System (CBCS) is being introduced in affiliated colleges of Pondicherry University for select UG courses from the academic year 2017-2018 onwards in accordance with the directives of University Grants Commission (UGC). The system provides an opportunity to students to design curriculum to suit individual needs, mobility across related disciplines and institutions in both horizontal and vertical manner. This System enables a student to obtain a degree in a subject by earning required number of credits prescribed for that degree. Number of credits earned by the student reflects knowledge or skill acquired and performance in each course is reflected in grades. The grade points earned for each course reflect the student's performance in that course. The students should study prescribed courses like Discipline Specific Core Courses, Ability Enhancement Compulsory Courses, Public Administration, Environment Awareness etc. They are allowed to exercise choices in selection of courses that are Discipline Specific Elective Courses, Skill Enhancement Courses, General Electives, and Modern Indian Language etc., out of those offered by departments within college or any other college/institution affiliated to Pondicherry University (PU) or any other PU recognized institutions. While allowing students to exercise choices, Pondicherry University notifies regulations by taking into account the practicality. Overall, CBCS is meant to promote student centric education instead of system centric education that is in vogue at present.

The following regulations for effective implementation of CBCS at the Under-graduate (UG) level in Arts, Science, and Commerce are adopted as per guidelines prescribed by UGC.

## 2. DEFINITIONS OF KEYWORDS

**2.1 Programme:** An educational program leading to award of a degree/ diploma/ certificate.

**2.2 Programme Committee:** Each Program of Study shall have a Programme Committee to oversee implementation of the program.

**2.3.1 Course:** Usually a course referred to as 'subject' is a component of the Programme of Study. 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/ vocational training/viva/ seminars/term papers/assignments/ presentations/ self-study etc., or a combination of some of these.

**2.3.2 Core Course:** There shall be Core Courses in the first four semesters. These courses shall be compulsorily studied by a student.

**2.3.3 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 may be "Generic Elective" focusing on those courses which add generic proficiency to the students. An elective may be "Discipline Centric" or may be chosen from an unrelated discipline. It may be called an "Open Elective."

**2.3.4 Foundation Course:** The Foundation Courses may be of two kinds: Compulsory Foundation and Elective foundation. "Compulsory Foundation" courses are the courses based upon the content that leads to Knowledge enhancement. They are mandatory for all disciplines. Elective Foundation courses are value-based and are aimed at providing ethical and humanistic education.

**2.3.5 Repeat Course:** If a student gets (i) less than 40% in the internal assessment and fails in the course or (ii) fails to get the required attendance, the student shall repeat the course when offered.

**2.4 Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses (core, elective or minor or soft skill courses etc.). Under the CBCS, the requirement for awarding a degree / diploma / certificate is prescribed in terms of number of credits to be completed by the students.

**2.5 Credit:** It is 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.

**2.6 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.

**2.7 Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale.

**2.8 Credit Point:** It is the product of grade point and number of credits for a course.

**2.9 Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. SGPA is the 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.

**2.10 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.

**2.11 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.

**2.12 Academic Year:** Two consecutive (one odd + one even) semesters constitute one Academic year.

**2.13 Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.

### **3. SCOPE AND COVERAGE**

**3.1** The CBCS is applicable to all full-time UG Programmes in Arts, Science, and Commerce approved by the Academic Council.

**3.2** Teaching, learning and evaluation shall follow Semester pattern.

3.3 Students who have passed their Higher Secondary Examination under 10+2 system conducted by the Government of Tamil Nadu or any other equivalent system recognized by the Government of Puducherry based on the admission criteria laid down by Pondicherry University are eligible to apply to appropriate UG Programme of Study. The exact eligibility criteria for each UG Programme will be as prescribed in the regulations approved by the Academic Council of Pondicherry University on the recommendation of the BOS of the respective Departments from time to time.

3.4 Prescribed Undergraduate studies in Arts, Science, and Commerce shall be of six consecutive semesters (three years). The maximum duration allowed for each student to acquire prescribed number of credits in order to complete the Programme of Study shall be twelve consecutive semesters (six years).

3.5 The academic year consists of two consecutive (one odd and one even) semesters.

3.6 The medium of instruction for all the courses, excepting Arabic, Bengali, French, Hindi, Malayalam, Sanskrit, Tamil, and Telugu, shall be English.

#### 4. COURSE STRUCTURE

4.1 A course also referred to as 'subject' is a component of a given Programme of Study. All the courses need not have same weightage in terms of credits allotted to them. Every Programme of Study has Discipline Specific Core (DSC) Courses, Discipline Specific Elective (DSE) Courses, Ability Enhancement Compulsory Courses (AECC), Skill Enhancement Courses (SEC), and Generic Elective (GE) courses apart from Modern Indian Language (MIL) and English. A course may be designed to cover lectures/tutorials/laboratory work/ field work/ outreach activities/ project work/vocational training/viva/seminars/term papers/ assignments/ presentations/self-study or a combination of some of these.

<b>Course</b>	<b>Course Name</b>	<b>Number of credits</b>
MIL (2 or 4 Semesters )	Modern Indian Languages	6-12 Credits
English (2 or 4 Semesters )	English	6-12 Credits
DSC	Discipline Specific Core Course	48-60 Credits
DSE	Discipline Specific Elective Course	24-30 Credits
AECC (2 Semesters )	Ability Enhancement Compulsory Course	(2x2)=4 Credits
SEC (4 Semesters)	Skill Enhancement Course	(4x2)= 8 Credits
GE (2 Semesters )	Generic Elective Course	(2x3) =6 Credits

4.2 At least 60% (72 Credits) of the total minimum credit requirement must be earned by the student in DSC and DSE courses put together as defined by respective Boards of Studies (BOS) in order to obtain a degree in a specific discipline.

## **5. CREDITS**

5.1 Every course (core/elective/foundation) is assigned certain credits. A credit is equated with one period of teaching for theory or two periods for laboratory/practical course work per week in a Semester.

5.2 One teaching period shall be for 60 minutes duration.

5.3 One credit shall be assigned to one week of field training wherein the students spend the entire duration in the field and supervised by the faculty member(s).

5.4 Maximum two credits shall be assigned to one month of Internship undergone in Institutions / industry / company of high repute as approved by the Chairman of BOS.

5.5 Minimum number of credits to be earned by a student for the award of any UG Programme in Arts, Science, and Commerce disciplines is 120. Out of these, minimum 72credits are mandatory from Discipline Specific Core Courses (DSC) and Discipline Specific Elective Courses (DSE) put together for obtaining a degree in a particular discipline.

5.6 Minimum number of credit requirements as defined by respective BOS may go beyond 120 for certain Programmes of Study, but not less than 120 credits.

5.7 It is not mandatory that the total number of credits is evenly distributed among all the six semesters.

## **6. REGISTRATION**

6.1 Every student will be assigned a Faculty Advisor after his/her completion of admission procedure.

6.2 Based on the advice and consent of the Faculty Advisor the student shall register for a set of courses that he/she plans to take up in each semester from among those denoted by the Principal / HOD.

6.3 The student must take the consent of the course teacher offering course(s) for registration.

6.4 The student is permitted to register for courses not exceeding 30 credits per semester. However, registration for Repeat Courses is allowed in excess of this limit.

6.5 A student, in order to retain his/her status, should register for at least a minimum of 12 credits in a semester.

6.6 Students shall have to register for the courses within the first week of a semester.

6.7 The maximum number of students to be registered in each course shall depend upon the physical facilities available.

6.8 The information concerning the courses to be offered in every department in a semester with credits and pre-requisites, if any, along with the time-slot shall be made available by the respective Departments of the Institution.

6.9 In any department, a student shall not be denied registration for whom the courses are Discipline Specific Core Course (DSC) or Discipline Specific Elective (DSE).

6.10 The registration for all other courses shall be done in the spirit of accommodating as many students as possible in the interest of the students.

6.11 Dropping of courses may be allowed to enable students to opt for the courses of their choice within three weeks from the date of registration.

## **7. INTRODUCTION OF COURSES**

7.1 The BOS shall define course structure, semester wise list of courses and total number of credits for every Programme of Study including theory, practical, field-work, project-work, and viva-voce examination, etc.



7.2 BOS shall prepare detailed syllabus for all the courses with specific number of units, details of text books and reference books. The college shall publish the document in its web-site and made available to teachers and students.

7.3 Each course shall have a title and course code. The course code shall consist of four alphabets representing the discipline of study followed by three numerals. The first numeral '1' stands for level of the course (year of collegiate education, e.g., second year courses start with '2'. The second numeral stands for odd or even semester and the third numeral is for the serial number of the course.

7.4 The Course Structure and Syllabus for each UG programme shall be finalized and recommended by the Board of Studies (BOS) to be placed in the School Board, and then, in the Academic Council, for consideration and approval.

7.5 Any new course proposed by the college is to be first considered in the BOS and School Board and then the Academic Council.

7.6 The syllabi of each courses need to be revised at least once in three years, to keep in tune with recent developments in knowledge and innovations. Minor revisions in the already approved syllabus of a particular course may be approved by the Chairman of the Academic Council provided there is proper justification and recommendations by the Chairpersons of the BOS and School Board.

## **8. WORKLOAD OF TEACHERS**

8.1 Every faculty member shall be assigned workload as per the UGC norms.

8.2 In addition to regular handling of classes, teachers are required to participate in preparation of detailed syllabus, designing of the teaching plan, invigilation, paper setting, evaluation of answer scripts during continuous assessment and any other duties as and when assigned by the Principal or University authorities.

8.3 Teachers shall associate with organizing practical lab sessions, field visits, industrial tours, and guided project work etc., as per directives of the Principal/ Head of the institution.

## 9. PATTERN OF EXAMINATION

9.1 The End-Semester examination for each course in a Programme of Study shall be conducted by the Pondicherry University for a maximum of **75 marks** and Internal Continuous Assessment for **25 marks**.

9.2 Internal assessment for all theory courses shall be done on the basis of at least two Internal Assessment tests (15 marks), term papers/assignments/seminars/case demonstrations/ presentations/ write-ups/viva etc. (5 marks) and attendance (5 marks). The following weightage shall be given to attendance:

95% - 100% (5 marks)
90% - 94% (4 marks)
85% - 89% (3 marks)
80% - 84% (2 marks)
75% - 79% (1 mark)

9.3 Internal Assessment for practical courses involving Laboratory/Field work/Project work, appropriate distribution of marks for Practical Record/Project Report, Practical end-semester exam, Viva shall be decided by the BOS.

9.4 A schedule of Internal Assessment tests shall be prepared by each College commonly to all departments in the beginning of each semester. Internal Assessment marks shall be displayed a week before the commencement of end-semester examinations.

9.5 End-semester examination shall be conducted for all courses offered. The duration of the end-semester examination shall be 3 hours.

9.6 Every student has to pay examination fee per Credit basis as fixed by the University.

9.7 A schedule of end-semester examinations will be prepared and displayed by the University much in advance.

9.8 No student with less than 75% in any particular course shall be permitted to attend the end-semester examination and shall be given grade FA-failure due to lack of attendance. However, an overall condonation of 10% is permitted for valid reasons (NCC, NSS, Swachh Bharat) or medical reasons. A student who has been awarded FA shall repeat the course when offered. The Principal/Head

of the Department shall ensure that the candidate is informed about the lack of attendance before the commencement of end-semester examination and confirm that such candidates are not permitted to write the examination.

9.9 To pass a course the student must secure minimum of 40 out of 100 marks (40%) in the internal and the end-semester examination put together.

9.10 A student who has earned the required number of 120 credits by clearing all the required courses shall be declared as pass even if he/she could not clear optional courses which were taken in excess of the required number of courses.

9.11 Result Passing Board for each Programme of Study shall be constituted by the Pondicherry University from time to time.

9.12 Revaluation and re totaling of the answer scripts shall be allowed within the stipulated period of time as decided by the Controller of Examinations (COE) after paying the required amount of fee.

9.13 Malpractice, if any, committed by the students in the University exam will be dealt with as per XV (A) of the Academic Ordinances of Pondicherry University. Pondicherry University website may refer to for further information in this regard.

## **10. SUPPLEMENTARY EXAMINATION**

10.1 A failed student who meets the attendance requirement may be permitted to register for the next end-semester examination in the following semester itself.

10.2 Students who have failed due to insufficient attendance and /or less than 40% Internal Assessment marks should repeat the course as and when offered.

## **11. PROGRAMME COMMITTEE**

11.1 The Programme Committee (PC) of each department shall be chaired by the Principal / Head of the institution. The HOD all the faculty members offering DSC and DSE course and two students (one male and one female, where possible) from each class shall be Members of PC.

11.2 The PC shall meet at least once in a semester to discuss implementation of the program. The discussions and resolutions should be on adherence to timetable, proper syllabus coverage, introduction of new courses and all other issues concerning academic matters.

11.3 The minutes of the PCM must be communicated to the Chairman of BOS, Controller of Examinations and Dean, College Development Council of Pondicherry University.

## **12. BOARD OF STUDIES**

12.1 The University shall constitute BOS as per its statues and ordinances. The BOS shall meet once in a year or as per requirements.

12.2 Board of Studies prescribes syllabus, schemes of evaluation and monitors the implementation of CBCS guidelines for each programme.

12.3 BOS shall review and recommend infrastructure requirements for smooth conduct of teaching-learning activities in every discipline.

12.4 BOS provides an opportunity to introduce new courses, new methods of teaching, ICT implementation, etc.

12.5 Any other important item(s) pertinent to implementation of CBCS.

## **13. SCHOOL BOARD**

13.1 The Dean, who is Chairperson of the respective School Board, is the overall in-charge of implementing CBCS in the concerned Departments of the Institutions affiliated to Pondicherry.

13.2 The Dean, being the Chairman of the School Board shall suggest certain uniform academic practices across the institutions that come under its purview.

13.3 The Dean of the respective School shall periodically review the Academic activities of the concerned disciplines in the colleges/institutions that come under his/her purview and resolve any issues in the conduct of academic Programmes under CBCS regulations.

## 14. GRADING AND GRADE CARD

14.1 Letter grades shall be used to assess the performance of students in each course by converting final marks (out of 100) into grades. In case of fractions the marks shall be rounded off to next integer. The following shall be used to convert marks into awarding grades:

Range of Marks	Letter Grade	Grade Point
96-100	O	10
86-95	A+	09
76-85	A	08
66-75	B+	07
56-65	B	06
46-55	C	05
40-45	P	04
Below 40	F	00
Lack of attendance	FA	00

14.2 The SGPA shall also be calculated by taking all courses taken by the student in the semester and CGPA shall also be calculated by taking all the courses taken by the student in all the semesters (refer 16 and 17).

14.3 The University shall award “class” to students who acquired 120 credits (or as prescribed by BOS, see 5.6) according to the following:

CGPA	Class
9.00 – 10.00	First Class with Distinction (should not have failed in any course)
7.00 – 8.99	First Class
5.50 – 6.99	Second Class
4.00 – 5.49	Pass

14.4 The Grade card shall be issued to the students containing grades obtained by the student in the previous semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA).

The Grade card shall list the following:

- a. Title of the course taken by the student
- b. Number of credits allotted to the course
- c. The grades secured by the student in each course

- d. Total number of credits earned by the student in that semester
- e. SGPA of the student
- f. Total number of credits earned by the student till that semester
- g. CGPA of the student

## 15. FAIRNESS IN ASSESSMENT

To ensure fairness of examination and evaluation following shall be followed.

15.1 In case of at least 50% of core courses offered in different programmes across the disciplines, the assessment of the theoretical component towards the end of the semester should be undertaken by external examiners from outside the university conducting examination, who may be appointed by the Controller of Examinations. In such courses, the question papers will be set as well as assessed by external examiners.

15.2 In case of the assessment of core practical courses, the team of examiners should be constituted on 50 – 50 % basis. i.e., half of the examiners in the team should be invited from outside the University for conducting examination.

15.3 In case of the assessment of project reports / thesis / dissertation etc. the work should be undertaken by internal as well as external examiners.

## 16. COMPUTATION OF SGPA AND CGPA

Following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) shall be followed:

16.1 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 courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.,

$$\text{SGPA (Si)} = \Sigma (\text{Ci} \times \text{Gi}) / \Sigma \text{Ci}$$

where Ci is the number of credits of the i<sup>th</sup> course and Gi is the grade point scored by the student in the i<sup>th</sup> course.

16.2 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.

$$\text{CGPA} = \Sigma (\text{Ci} \times \text{Si}) / \Sigma \text{Ci}$$

where  $S_i$  is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in that semester.

16.3 The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

## 17. ILLUSTRATION OF COMPUTATION OF SGPA AND CGPA, CONVERSION OF CGPA INTO PERCENTAGE AND FORMAT FOR TRANSCRIPTS

### 17.1 Computation of SGPA and CGPA

#### 17.1.1 Illustration 1 for calculation of SGPA

The illustration is for a student who has taken six courses of given credits in a semester and performance is given in grade letter which carry certain grade point.

Course	Credit	Grade letter	Grade point	Credit Point Credit x Grade
Course 1	3	A	08	3x08 = 24
Course 2	4	B+	07	4x07 = 28
Course 3	3	B	06	3x06 = 18
Course 4	3	O	10	3x10 = 30
Course 5	3	C	05	3x05 = 15
Course 6	4	B	06	4x06 = 24
	20			139

$$\text{SGPA} = 139/20 = 6.95$$

#### 17.1.2 Illustration 2 for calculation of SGPA

A student registered for 6 (six) courses in a semester. At the end of the semester the student got A grade in a 4 credit course, A grade in 2 credit course B+ in a 3 credit course another B+ in a 3 credit course, B in a 3 credit course and F grade in a 3 credit course. Calculation of SGPA of this student is:

$$\text{SGPA} = (8 \times 4 + 8 \times 2 + 7 \times 3 + 7 \times 3 + 6 \times 3 + 0 \times 3) / (4 + 2 + 3 + 3 + 3 + 3) = (32 + 16 + 21 + 21 + 18 + 0) / 18 = 108 / 18 = 6.00 \text{ Out of } 10.00.$$

SGPA of the student is 6.00.

### 17.2 Illustration for calculation of CGPA (Example)

The illustration is for calculation of CGPA of a student who studied six semesters in a UG program.

Semester	Credits	SGPA
Semester 1	20	6.95
Semester 2	22	7.80
Semester 3	18	5.65
Semester 4	21	6.04
Semester 5	19	7.21
Semester 6	20	7.85
	Total = 120	

CGPA =

$(20 \times 6.95 + 22 \times 7.80 + 18 \times 5.65 + 21 \times 6.04 + 19 \times 7.21 + 20 \times 7.85)$ divided by 120	$= 139.00 + 171.60 + 101.70 + 126.84 + 136.99 + 157.00 = 833.13/120 = 6.94275$ Rounded off to 6.94
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CGPA = 6.94. The student has passed in the program and is placed in 2nd Class.

### 17.3 Conversion of CGPA into Percentage

The Conversion of CGPA into Percentage is in the following way:

$$\text{Percentage} = \text{CGPA} \times 10$$

For Example : CGPA = 6.73

$$\text{Percentage} = 6.73 \times 10 = 67.3 \%$$

**17.4 Transcript:** The University shall issue a transcript for each semester as given in 14.4 and a consolidated transcript indicating the performance in all semesters.



## **18. POWER TO MODIFY AND REMOVE DIFFICULTIES**

18.1 Notwithstanding anything 15.1 contained in the foregoing, the Chairman, Academic Council shall have the power to issue directions or orders to remove any difficulty.

18.2 Nothing in the foregoing limits the power of the Academic Council to amend, modify or repeal any or all of the above.

## **Suggested Common Course Code for MIL, English, AECC Courses**

MIL:

LBEN 111,121,231,241 (Bengali)

LHIN 111,121,231,241 (Hindi)

LMAL 111,121,231,241 (Malayalam)

LSAN 111,121,231,341 (Sanskrit)

LTAM 111,121,231,241 (Tamil)

LTEL 111,121,231,241 (Telugu)

ENGL 112,122,232,242 (English)

PADM 113 (Public Administration)

ENVS 123 (Environmental Science/Studies)

**TEMPLATE**  
**SCHEME FOR CHOICE BASED CREDIT SYSTEM IN**  
**B.A./B.Sc./B.Com/BBA PROGRAMME**  
**To be implemented from 2017-18 onwards**

COURSE	SUBJECT CODE	TITLE OF THE PAPER	CREDITS ALLOTTED	
			Lecture	Tutorial/Lab.
<b>SEMESTER-I 20 Credits</b>				
MIL – 1	LBEN/LHIN/LMAL/LSAN/ LTAM/LTEL 111	Bengali/Hindi/Malayalam/Sanskrit/Tamil/Telugu	03	
ENGLISH – 1	ENGL 112	ENGLISH – 1	03	
DSC – 1A	XXXX 111		04	02
DSC – 2A	XXXX 112		04	02
AECC – 1	PADM 113	Public Administration	02	
<b>SEMESTER-II 20 Credits</b>				
MIL – 2	LBEN/LHIN/LMAL/LSAN/ LTAM/LTEL 121	Bengali/Hindi/Malayalam/Sanskrit/Tamil/Telugu	03	
ENGLISH – 2	ENGL 122	ENGLISH – 2	03	
DSC – 1B	XXXX 121		04	02
DSC – 2B	XXXX 122		04	02
AECC – 2	ENVS 123	Environmental Studies	02	
<b>SEMESTER-III 20 Credits</b>				
MIL – 3	LBEN/LHIN/LMAL/LSAN/ LTAM/LTEL 231	Bengali/Hindi/Malayalam/Sanskrit/Tamil/Telugu	03	
ENGLISH – 3	ENGL 232	ENGLISH – III	03	
DSC – 1C	XXXX (231)		04	02
DSC – 2C	XXXX (232)		04	02
SEC – 1	XXXX(233)		02	
<b>SEMESTER-IV 20 Credits</b>				
MIL – 4	LBEN/LHIN/LMAL/LSAN/ LTAM/LTEL 241	Bengali/Hindi/Malayalam/Sanskrit/Tamil/Telugu	03	
ENGLISH – 4	ENGL 242	ENGLISH – IV	03	
DSC – 1D	XXXX (241)		04	02
DSC – 2D	XXXX (242)		04	02
SEC - 2	XXXX(243)		02	
<b>SEMESTER-V 20 Credits</b>				
SEC - 3	XXXX (351)		02	
*DSE – 1A *DSE – 2A *DSE – 3A	XXXX (352)		04	01
	XXXX (353)		04	01
	XXXX (354)		04	01
	XXXX (355)		04	01
	XXXX (356)		04	01
GE - 1	XXXX (357)		03	
<b>SEMESTER-VI 20 Credits</b>				
SEC - 4	XXXX (361)		02	
*DSE – 1B *DSE – 2B *DSE – 3B	XXXX (362)		04	01
	XXXX (363)		04	01
	XXXX (364)		04	01
	XXXX (365)		04	01
	XXXX (366)		04	01
GE - 2	XXXX (367)		03	

Total Number of Credits 120

**Total number of credits required for completion of 3 Year UG Programme is 120**

All DSC and DSE Courses must be assigned 4 or 5 credits each

All AEC Courses must be assigned 3 credits each

All MIL Courses must be assigned 3 credits each

All SE Courses must be assigned 3 credits each

All Generic Elective Courses must be assigned 3 credits each