



PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956

Approved by AICTE, New Delhi

POLICY FOR CHOICE BASED CREDIT SYSTEM (CBCS)

(This policy is in accordance with section 8(i) of the Regulations for Curriculum Design, Development, Deployment and Discernment)

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Policy for Choice Based Credit System (CBCS)

(Under Section 8(i) of the Presidency University Regulation on Curriculum Design, Development, Deployment and Discernment)

PREAMBLE / BACKGROUND

- i. The University Grants Commission (UGC) recognizes the need to allow flexibility in the education system so that students can choose inter-disciplinary, intra-disciplinary and skill-based courses, depending upon their interests and aims. Hence the UGC has framed guidelines for Choice Based Credit System (CBCS) - an internationally acknowledged system for adoption by the Universities.
- ii. The choice-based credit system will not only offer opportunities and avenues to students for learning core subjects but also exploring additional avenues of learning for holistic development of an individual. However, in order to bring about qualitative improvement in the National Higher Education System and introduce uniform grading system, Choice Based Credit System (CBCS) and Open electives are required to be introduced.
- iii. The implementation of CBCS has the following advantages:
 - i. Shift in focus from the teacher-centric to student-centric education.
 - ii. Student may earn as many credits as they can cope with within the credit range specified for a program (without repeating all courses in a given semester if they fail in one or more courses).
 - iii. Promote inter-disciplinary, intra-disciplinary and skill-oriented courses among students according to their learning needs, interests and aptitude. A student can take credits by combining unique combinations.
 - iv. Provide flexibility to students to study at different times and at different institutions to complete one course (ease of mobility to students). The NEP 2020 also stipulates the concept of Academic Bank of Credits (ABC) wherein students can bank their credits earned at one institution or through online MOOC Platforms. The Credits earned at one institution can be transferred to other institutions or other programs of study.
 - v. Facilitate benchmarking of courses with best international academic practices.
 - vi. Makes education broad-based and at par with global standards.

SHORT TITLE AND APPLICATION

- i. This policy shall be called the “Presidency University Policy for Choice Based Credit System”

- ii. This policy shall come into effect from the date of approval by the Academic Council of Presidency University and ratified by the Board of Management.

EXTENT AND APPLICABILITY

- i. This policy shall apply to the curriculum design and development of the academic programs and courses of the University, offered through its Faculty, Schools and Departments.
- ii. Broad UGC frameworks for CBCS shall be implemented for the programs offered by organizations other than Statutory Regulatory Authorities (SRA) viz UGC, AICTE, BCI, GoI, GoK, KSHEC, by modifying respective curricula accordingly.
- iii. To begin with, the schools governed by various Councils shall introduce Choice Based Disciplinary Electives and Specialization Electives by incorporating necessary provisions in the curriculum.

1. TYPES OF COURSES UNDER CHOICE BASED CREDIT SYSTEM

1.1. Choice Based Credits (CBC)

Choice Based Credit System (CBCS) allows students choice/flexibility in selecting courses of their interest from the prescribed courses, and the categories of such courses are as specified below:

- i. School Core Courses (SC)
- ii. Program Core Courses (PC)
- iii. Discipline Specific Core Courses (DSCC)
- iv. Discipline Specific Elective Courses (DSEC)
- v. Ability Enhancement (Credit) Courses (AEC)
- vi. Ability Enhancement Compulsory Courses AECC)
- vii. Skill Enhancement Courses (SEC) – comprising core, elective, minor or soft skill courses
- viii. Non-Taught Credit Courses [Summer Training/Dissertation/Term Paper/Seminar/ Minor Project/Project Based Learning/Entrepreneurship) (NTCC)
- ix. Credit Transfer Courses (CTC) (Courses credits banked in Academic Bank of Credits/earned at other Universities/Institutions or through MOOCs)

1.2. The Electives may either be choice based or open or both so as to provide wide flexibility to the students to develop desired competencies as well as to promote inter-disciplinary learning.

1.3. The course groupings/types, Definitions, and Abbreviations are as given in Table below:

S.No.	Course Type	Definition	Course Abbreviation
1	Foundation Courses	Foundation Courses are the basic courses that prepare the students for the more advanced/specialized courses of a program. These are mandatory courses. (Humanities, Social Science & Management Courses/ Basic Science Courses/ Engineering Sciences Courses, etc.)	FC
2	Discipline Specific Core Courses	Courses that are relevant to the chosen specialization/branch of a particular program and should successfully be completed to receive the Degree and which cannot be substituted by any other course. This constitutes major chunk of credits though minimum Credits are fixed for such courses to earn a degree. (Management, Engineering, Sciences, Humanities, Social Sciences, Medicine, etc.)	DSCC
3	Discipline Specific Elective Courses	Courses offered at Domain level to all students admitted to any program in the domain. These are chosen from specialization branch of any stream, subject to fulfillment of pre-requisites. (Choice based discipline Electives of the programs on offer)	DSEC
4	Specialization Elective Courses	Courses which are relevant to the chosen specialization/branch of a particular program and may be discipline centric. (Within a program to build specialization in a major or minor field)	SEC
5	Open Elective Courses	Courses offered by other departments/institutions and chosen as per interest of the students but are generally without lab component. Generally, a course which can be chosen from a Basket of courses (as per the guidelines on Value Added Courses) which may be very specific or specialized or advanced or supportive to the discipline of study or which provides an extended scope or which enables an exposure to some other discipline/domain or nurtures students proficiency/skill are called Open Elective Courses. These can be taken as Credit or Audit Courses. These include Audit Courses (AE), Skill Enhancement Courses (SEC), Value Added Courses (VAC), etc. Courses like Military Training, NCC, NSS also fall under this category. (Such as Ability Enhancement Courses (AEC), Skill Enhancement Courses (SEC), Value Added Courses (VAC). These can be taken as credit course (CS) or non-credit course (NCC)/Audit Courses AC)	OEC
6	Audit Courses	Courses outside the prescribed range of Credits for audit only to supplement knowledge/skills. Such courses are optional for students to appear/pass in CIE, ESE of these courses and/or seek their inclusion in the Grade cards or Transcripts issued (but, not for earning Credit)	AC

S.No.	Course Type	Definition	Course Abbreviation
7	Value Addition Courses	<p>The Value-Added Courses are meant to impart transferrable and life skills that add value and help students in getting placed, like communication and behavioral sciences which influence the attitude, behavior and demeanor of students and play an important role in shaping their professional career.</p> <p>Value added courses are generally optional courses of minimum 30 contact hours each and are offered outside the curriculum, irrespective of the discipline or major stream of study chosen by a student. For instance, a student at Bachelor's/Master's degree level can take up the following kinds of Value-Added Courses:</p> <p>Ability Enhancement Courses (AEC) Soft Skills Enhancement Courses (SSEC) Foreign Language Courses (FLC) Performing and Visual Arts Courses (PVAC) Life Management and Wellness Courses (LMWC) Technology Skill Enhancement Courses (TSEC) Art Appreciation Courses (AAC) Social Work Courses (SWC)</p>	VAC
8	Ability Enhancement Course	These are Courses to supplement the knowledge/skills/interests of the students. Such courses should be picked up from a basket of courses offered under the categories defined above in section 7.	AEC
9.	Non-Teaching Credit Courses	<p>Non-Teaching Credit Courses are as per the policy on NTCC for professional development of students as well as the capstone evaluative means for their degree requirements; It includes Summer Training, Dissertation, Term paper, Entrepreneurial Project, Seminar and/or Minor project. etc. and are conducted as per the University's NTCC policy.</p> <p>(Courses such as Summer Training, Dissertation, Term Paper, Seminar, Minor project, etc. which do not require formal teaching)</p>	NTCC
10	Credit Transfer Courses	<p>Courses that are assigned equivalent credits by the University based on the courses studied by a student prior to transfer/during exchange program/study abroad program or earned through MOOC, etc. are termed as Credit Transfer Courses.</p> <p>(Courses Credits earned at other Universities/Institutions or through MOOC, etc.)</p>	CTC

2. DEFINITIONS

2.1. **'Academic Council'** Means the Academic Council of the University.

2.2. **'Academic year'** This shall consist of two semesters (one odd and one even) and each semester will have 16 weeks for academic work with minimum effective 90 days. The odd semesters may be scheduled from June to November and even semester from December to May.

- 2.3. **'Board of Studies'** Means the Board of Studies of a Department/ School of the University.
- 2.4. **'Curriculum'** Curriculum means a prescribed course structure of an academic program of a Department/Institute/School, which in general terms is known as Curriculum/Courses of Study/Program. It prescribes courses to be studied in each semester. The curriculum includes the program structure, syllabi/course content of all courses and the scheme of evaluation. Except for the language curricula, for all other curricula of the University the medium of instruction, examination, seminar and project work should be in English.
- The Curriculum may be in unitized form with 4-6 Units, and the number of teaching-learning hours and weightage thereof shall be specified for each module.
- 2.5. **'Course'**, a component of a program of study shall be referred to as a course or paper or a subject of different weightages. Each course is identified by a unique Course Code, notified by the University. While designing syllabus, courses are defined with weightages, called credits. Each course shall have a syllabus specifying the Course Objectives (CO) and Learning Outcome (LO). A course may be designed to comprise lectures/ tutorials/ laboratory work/ field work/ project work/ vocational training/ studio or a combination of some of these components.
- 2.6. **'Course Title'** means the name of the course in a program structure with well-defined credit units and course code.
- 2.7. **'Course Code'** means each course in a program structure is assigned an alphanumeric code.
- 2.8. **'Class Contact Hour'** a contact class of instruction of one hour shall typically be considered as Class Contact Hour.
- 2.9. **'Credit'** defines the quantum of content/syllabus prescribed for a course/ program.
- i. It is a unit prescribed for a course and is determined by the number of hours of instruction required to be put in by a student per week. Thus, the course credit will be assigned based on the number of hours required per week towards lectures/ tutorials/lab work/field work/studio to complete the course in a single semester. The students will acquire credits by passing courses every semester.
 - ii. One credit of lecture/tutorial (L/T) shall mean 2 period of direct teaching/tutorial in a week with minimum of engagements in a semester of 15/16 weeks.
 - iii. One credit of practical (P) shall mean 2 periods of lab/practical work /studio in a week with minimum of 24 hours engagements in a semester.
 - iv. The model – 'Lecture oriented theory classes' and 'integration of tutorial and practical classes' for learner-centric and reinforced teaching, is phrased as 'L-T-P structure', latest CBCS we removed T – actually it is needed where:

- a) 'L' (Lecture classes) stands for conventional classroom contact sessions.
 - b) 'T' (Tutorial sessions) stands for reinforced learning through participatory discussion/self-study/desk work and such other novel methods that make a student absorb and assimilate more effectively the contents delivered in the lecture classes.
 - c) 'P' (Practice/ Practical sessions) stands for laboratory/field studies that equip students to acquire the much-required skill component.
- v. In some specific courses/papers, the University may fuse together T and P components or to drop either T or P component depending upon the nature and content of the course/paper. Whereas both the knowledge and talent for skills are picked up by the learner through T and/or P sessions, the L sessions highlight the contents to be learnt.
- vi. In a semester pattern, the task of teaching a paper/course shall ordinarily be completed in a span of 14 weeks. Wherever a paper/course is taught by administering all three L, T & P components, the possible distribution of learning hours/week in that paper could be as follows:
- (a) L: One Contact Class Hour/week amounting to 1 credit of learning/semester by a student in the paper.
 - (b) T: At least 1 Contact Class Hour of Tutorial/week amounting to 1 credit of learning per semester by a student in the paper.
 - (c) P: At least 2 Contact Class Hours of Practical/week amounting to 1 credit of learning per semester by a student in the paper.
- vii. This distribution of 2 credits for L (through 2 Lecture classes), one credit for T (through a session of 1 Contact Class Hour of tutorial) and 1 credit for P (through a session of 2 Contact Hours of practical) defines a value of $2+1+1 = 4$ credits for the paper/course. Conversely, if a paper/course in a particular semester is defined as a 4-credit course/paper, the student is said to have earned 4 credits in that semester by successfully completing the said paper within the duration of 16 weeks in that semester. Accordingly, a typical L-T-P structure for a 4-credit paper will be of 2:1:1 type with the split up for L, T and P sessions, resulting in a credit value of $2+1+1=4$ for that paper. Other credit representations are explained in table below:

Credit Representation

Lectures (hrs/wk/Sem)	Tutorials (hrs/wk/Sem)	Practical Work (hrs/wk/Sem)	Total Credits
3	0	0	3
2	2	0	4
2	0	2	3
2	2	2	5
0	0	6	3

- 2.10. **'Credit Hour'** is a unit of measure representing the equivalent of one Class Contact Hour of instruction per week over the entire semester of a minimum 16 weeks. The Credit Hour shall typically be of one hour of class contact but wherever necessary, the University may follow the norm set by UGC / AICTE & other relevant statutory councils or such other guidelines which are widely applied by national and international Accrediting Bodies for determining the amount and level of credit to be awarded for courses, regardless of format or mode of course delivery.
- 2.11. **'Credit Unit'** requires that an amount of work for each unit of credit course be institutionally established, represented in intended learning outcomes, and verified by evidence of student achievement.
- 2.12. **'Course Load'**: Every student has to register for a set of courses in each Semester and earn prescribed number of credits considering the permissible weekly contact hours (typically 30/Week) as prescribed by UGC for UG & PG Programs. Widely accepted figure of 30/Week excludes time a student engages in assignments, self-study outside the classroom and labs, Library, extracurricular activities and add-on courses, if any, for his/her overall development. An average Course Load of 25 Credits/Semester is generally acceptable for UG program. Value added courses may be suitably incorporated as the program demands. Some credits may also be assigned to mandatory courses in some Semesters.
- For the purpose of computation of workload, the mechanism adopted will be: (i) 1 Credit = 1 Theory period of one-hour duration, (ii) 1 Credit = 1 Tutorial period of one-hour duration, and (iii) 1 Credit = 1 Practical period of two-hour duration
- 2.13. **'Course Flexibility'** Course work of students shall be flexible to enable fast, average and slow learners among them to plan and pace the same in a Semester as may be necessary; and register for more/average/less credits within the limits from the prescribed value based on their learning



capacities, as observed from CA/IA, ESE results in Coursework in the previous Semesters. Fast learners shall be permitted to take up to 4 extra credits in a given semester.

- 2.14. **'Enrichment courses'**: These are courses not directly linked with one's discipline of study but contribute to sensitizing students to cross-cutting issues relevant to the current pressing concerns, nationally and internationally, such as gender, environment and sustainability, human values, professional ethics, development of creative and divergent competencies, etc. These may be credit or non-credit (Audit) courses.
- 2.15. **'Major and Minor Project Evaluation'** Right from the initial stage of defining the problem, the students will submit the progress reports periodically and also present their progress in the form of seminars in addition to the regular discussion with the guide. The components of evaluation will be as provided in the Policy on NTCC of the University.
- 2.16. **'Program'** means a fixed educational study leading to conferment of "Degree", unless the context has different meaning laid down for the specific purpose. A normal Undergraduate program shall be of six semester's duration or may be of eight or ten semester programs for professional courses as per respective statutory norms. Likewise, Master's program may be of two to four semesters or more as the academic requirements may demand. In general, certain quantum of work measured in terms of credits is laid down as the requirement for a degree program.
- 2.17. **'Program Structure'** means an academic program comprises of a number of courses or papers. A typical CBCS based program shall have the following category of courses:
- a) Foundation Courses
 - b) Discipline Specific Core Courses
 - c) Discipline Specific Elective Courses
 - d) Specialization Elective Courses
 - e) Open Electives Courses
 - f) Non-Teaching Credit Courses
- 2.18. **'Project Credit'**: A Project is a course requirement wherein final year students under the guidance of faculty will carry out some innovative work/research with application of knowledge gained while studying various courses of the program and undergoing laboratory experiments, field work, industry attachment etc. Through the project work, the students are required to exhibit their analytical skills and problem-solving capabilities.
- 2.19. **'Project Work'** is a special course where a student carries out the application of knowledge in solving/studying/ exploring a real life/difficult problem in a creative way. Depending upon the scope defined, time frame available and credit units attached, a project work can be called a Term

Paper or Project work (minor/major). However, in lieu of term paper or project work, a candidate may opt for professional electives provided by the Department/ Institute/School if it has such a provision.

2.20. **'Seminar Credit'**

Seminar is a course requirement wherein under the guidance of a faculty member a student is expected to do an in-depth study in a specialized area by way of literature survey, understanding different aspects of the problem and presenting the critical findings. While arranging a seminar the students are expected to learn investigation methodologies, study relevant research papers and examine critically all the findings. It is mandatory to give a seminar presentation before a panel constituted for the purpose. Specific credit value is attached to seminar presentation depending upon the nature of program and subject area.

2.21. **'Syllabus'** means the detailed description of topics for knowledge delivery of a course of a program of study prescribed by the University. A typical syllabus may typically consist of five units divided suitably in terms of lectures, tutorials, practical class hours; and includes course objectives, course outcomes, method of evaluation, text and reference books. The syllabus also provides space for the class teacher to include (i) objectives of the course/program, (ii) innovation, and (iii) latest developments in the field of the subject taught.

2.22. **'School'** means a school maintained by the University as its constituent unit. A school may have two or more Departments for imparting instruction.

2.23. **'Term Paper'** or minor project work may be a course requirement in some programs wherein the first unit may consist of identification of problem area and literature survey, the second unit may consist of study of specific literature in detail pertaining to the statement of the problem; the third unit may consist of developing a solution methodology or proposing a hypothesis to solve the problem, and the fourth unit may consist of experimental analysis, results, discussions, conclusions and recommendations.

2.24. **'University'** means the Presidency University (henceforth referred to as "PU" or the University), a statutory University established through an Act of the State Legislature of Karnataka with headquarter at Bengaluru.

3. MODEL FRAMEWORK AND MINIMUM CREDITS FOR PROGRAMS

In order to give optimum flexibility while maintaining the mandatory requirements of a degree program, minimum and maximum course credits that a student can earn shall be prescribed for each program. The number of credits will vary and depend upon the duration and level of a program. For example, more

number of credits will be prescribed for an honour's degree than a regular degree if the duration of program is same.

The framework for all Undergraduate and Postgraduate programs specifying the minimum and maximum credit range for each program is specified in Annexure-A (Tables 1 to 11).

4. DESIGN OF CBCS COURSE STRUCTURE

The format for CBCS based programs can be developed given in the credit structure in Annexure-A. The University may make suitable modifications or changes in accordance with UGC guidelines as stipulated from time to time

5. OPEN ELECTIVES

In keeping with the aim to promote multi-disciplinary learning, all the Schools/Institutes/Departments will make provision to incorporate open Electives in their curriculum. Further, a Core course offered in one discipline may be treated as an Elective course by another discipline and vice versa.

Whereas, the CBCS structure may not be strictly followed in Council-driven and other select programs, in such cases the choice of Open Electives may be made available to the students instead.

6. LIST OF OPEN ELECTIVE COURSES

- i. The Schools/Departments shall prepare their list of Open Electives to be offered in odd semester and even semester. Since every course is independent and self-contained, students will be permitted to register for a few courses from other departments to enable inter-disciplinary learning and mobility. The advantage will be that new courses can be introduced by the department at any time depending upon the requirements.
- ii. The implementation of open electives in a semester shall be decided by the Committee** which will initiate the process in the previous semester in advance of the next semester. The list of such open electives should be finalized and circulated to the students well before the commencement of a semester.

7. IMPLEMENTATION OF OPEN ELECTIVES

7.1 The Vice Chancellor shall constitute a broad based 'Open Electives Committee' (referred to as the Committee) centrally to finalize and decide the open electives to be implemented every semester.

7.2 The academic timetable shall have a slot for running open Electives.

- 7.3 The classes for the Open Electives may be held at the respective Schools which offers that Elective.
- 7.4 The course modules for the open Electives shall be prepared well in advance before floating such electives. Open electives shall be tailored to the required set credits and hours. For example, for a 2-credit course, it will be 2 hours of study in lecture/tutorial/studio mode.
- 7.5 The Schools/Department shall ensure that the number of open electives on offer and the strength of students anticipated for open electives is approximately equal. This is to ensure that the demand and supply are balanced across the University.
- 7.6 The students will be free to take Open Electives courses as available on MOOCs platforms such as Swayam, Unnat Bharat Abhiyaan, EDx, Coursera etc., subject to the following conditions:
- i. The course comprises of 24-30 hours of teaching which will be considered as equivalent to 2 credits. The credits would be awarded to the students subject to submission of course completion certificate from the specific awarding body.
 - ii. Student has obtained documented approval from respective HoD/Coordinator to undertake the course after evaluating the contents of the same.
 - iii. Student will also ensure that the particular course undertaken by him/her will commence and get completed within the duration of the term.
- 7.7 The Departments/Schools/Institutes shall incorporate open Electives in their respective curricula after taking approval of the Board of Studies and the Academic Council.
- 7.8 The list of open electives and those on MOOCs platforms shall be prepared and shared with the students well before the commencement of a semester.
- 7.9 Semester-wise schedule of open electives shall be incorporated in the Academic Calendar every year.
- 7.10 The Committee shall have the freedom to make any changes and modifications to enable smooth functioning and implementation of Open Electives.

8. AMENDMENTS

This policy will be reviewed periodically to rectify anomalies, (if any), and to incorporate feedback received from the stakeholders, impact analysis and deliberations of the focus group constituted by the Vice Chancellor.

ANNEXURE-A

The tables below list the credit ranges that a student need to complete in various program groups to complete the academic requirement for the award of a degree.

Table 1

Program Group: Languages and Social Sciences (To be revised from time to time)							
		B.A. (Hons.) - Languages	B.A. (Hons.) - Social Sciences	M.A. (Hons.) - Languages	M.A. (Hons.) - Social Sciences	Master of Social Work	Course Classification
	Minimum Credits to Graduate:	120	120	90	90	90	
	Pool						
1	Languages, Literature and Indology	72 to 84		54 to 72	-		DSCC
	Languages, Literature and Indology		18 to 24		-		FC
2	Arts & Social Sciences and Social Work		72 to 84	-	54 to 72	54 to 72	DSCC
	Arts & Social Sciences	18 to 24		-			FC
3	Discipline Electives / Minor Stream	12 to 18	12 to 18	18 to 24	18 to 24	18 to 24	DSE
4	University Wide Open Electives	6 to 12	6 to 12	6 to 12	6 to 12	6 to 12	OEC

Table 2

Program Group: Professional Undergraduate Courses						
		BPA Dance	BPA Music	Bachelor of Hotel Managemen t	Bachelo r of Social Work	Course Classificatio n
	Minimum Credits to Graduate:	120	120	150	120	
	Pool					
1	Languages, Literature and Indology	18 to 24	18 to 24	12 to 18	12 to 18	FC
2	Arts & Social Sciences	18 to 24	18 to 24	12 to 18		AEC
3	Basic & Applied Sciences incl. IT	-	-	12 to 18	12 to 18	AEC
4	Core Social Work				72 to 84	DSCC
5	Core Performing Arts / Film Production	54 to 72	54 to 72	-	-	DSCC
6	Core Hospitality	-	-	48 to 60	-	DSCC
7	Core Culinary	-	-	24 to 36	-	DSCC
8	Discipline Electives / Minor Stream	6 to 12	6 to 12	6 to 12	6 to 12	DSE
9	University Wide Open Electives	6 to 12	6 to 12	6 to 12	6 to 12	OEC

Table 3

Program Group: Undergraduate Program in Television and Journalism					
		Bachelor of Film & Television Production	BJMC	MJMC	Course Classification
	Minimum Credits to Graduate:	150	150	100	
	Pool				
1	Languages, Literature and Indology	12 to 18	12 to 18	-	FC
2	Arts & Social Sciences	12 to 18	12 to 18	-	AEC
3	Basic & Applied Sciences incl. IT	12 to 18	12 to 18	-	AEC
4	Core Mass Communication & Journalism	24 to 36	48 to 60	54 to 72	DSCC
5	Core Performing Arts / Film Production	48 to 60	24 to 36	-	DSCC
6	Discipline Electives / Minor Stream	6 to 12	6 to 12	18 to 24	DSE
7	University Wide Open Electives	6 to 12	6 to 12	6 to 12	OEC

Table 4

Program Group: Education and Physical Education Programs							
		B.E.E	B.Ed.	M.Ed.	B.P.E	M.P.E	Course Classification
	Minimum Credits to Graduate:	60	60	90	60	90	
	Pool						
1	Languages, Literature and Indology	6 to 12	6 to 12	-	6 to 12	-	FC
2	Arts & Social Sciences	6 to 12	6 to 12	-	6 to 12	-	AEC
3	Basic & Applied Sciences incl. IT	3 to 6	3 to 6	-	3 to 6	-	AEC
4	Core Education & Training	30 to 42	30 to 42	54 to 72	30 to 42	54 to 72	DSCC
5	Discipline Electives / Minor Stream	6 to 12	6 to 12	18 to 24	6 to 12	18 to 24	DSE
6	University Wide Open Electives	6 to 12	6 to 12	6 to 12	6 to 12	6 to 12	OEC

Table 5

Program Group: Management and Commerce							
		B.Com. (Hons.)	M.Com	BBA	BBA + MBA	MBA	Course Classification
	Minimum Credits to Graduate:	120	90	120	220	120	
	Pool						
1	Allied Business Subjects	18 to 24	18 to 24	18 to 24	24 to 36	18 to 24	FC
2	Applied Social Sciences	12 to 18	9 to 12	18 to 24	24 to 36	15 to 18	AEC
3	Core Business / Commerce Subjects	36 to 48	24 to 36	36 to 48	72 to 96	36 to 48	DSCC
4	Discipline Electives / Specializations / Major	15 to 18	12 to 15	15 to 18	24 to 36	15 to 18	DSE
5	University Wide Open Electives	9 to 12	6 to 12	9 to 12	12 to 18	6 to 12	OEC
6	Capstone / Dissertation / Major Projects	6 to 9	6 to 9	6 to 12	18 to 24	12 to 18	NTCC

Table 6

		B.Des.	M.Des.	Bachelor of Fine Arts	MFA (Painting / Applied Arts)	Course Classification
	Minimum Credits to Graduate:	180	100	150	90	
	Pool A - Design					
1	Basic Sciences (Math, Physics, Chemistry)	24 to 36	-			FC
2	Liberal Arts and Social Sciences (English, Eco., etc.)	18 to 30	6 to 12			AEC
3	Allied Design Subjects (Engg. Drawing, Mechanics, etc.)	18 to 30	-			FC
4	Core Design Subjects	70 to 90	54 to 72			DSCC
5	Discipline Electives / Minor Stream	12 to 15	12 to 15			DSE
6	University Wide Open Electives	6 to 12	6 to 12			OEC
7	Dissertation / Major Projects	16 to 18	18 to 24			NTCC
	Pool B - Visual Arts					
1	Languages, Literature and Indology			18 to 24	-	FC
2	Arts & Social Sciences			18 to 24	-	AEC
3	Basic & Applied Arts			9 to 12	-	FC
4	Core Design Concepts			15 to 18	9 to 12	DSCC
5	Core Visual Arts			48 to 60	36 to 48	DSCC
6	Discipline Electives / Minor Stream			6 to 12	12 to 18	DSE
7	University Wide Open Electives			6 to 12	12 to 18	OEC
8	Dissertation / Major Projects			16 to 18	16 to 18	NTCC

Table 7

Program Group: Engineering, Pharma, Planning & Architecture (Undergraduate)						
		B.Tech.	B.Pharm.	B.Plan.	B.Arch.	Course Classification
	Minimum Credits to Graduate:	180	180	180	240	
	Pool for Engineering & Technology					
1	Basic Sciences (Math, Physics, Chemistry)	24 to 36	24 to 36	24 to 36	24 to 36	FC
2	Liberal Arts and Social Sciences (English, Economics, etc.) - AEC	18 to 30	18 to 30	18 to 30	18 to 30	AEC
3	Allied Applied Sciences (Engg. Drawing, Mechanics, etc.) - SEC	18 to 30	18 to 30	18 to 30	18 to 30	AEC
4	Core Engineering / Pharma / Planning / Arch Courses	70 to 90	70 to 90	70 to 90	90 to 110	DSCC
5	Discipline Electives / Minor Stream	12 to 15	12 to 15	12 to 15	16 to 20	OEC
6	University Wide Open Electives	6 to 12	6 to 12	6 to 12	16 to 20	OEC
7	Dissertation / Major Projects	16 to 18	16 to 18	16 to 18	24 to 30	NTCC

Table 8

Program Group: Engineering, Pharma, Architecture (Post Graduate)						
		M.Arch	M.Pharm	M.Tech	B.Tech + M.Tech	Course Classification
	Minimum Credits to Graduate:	100	100	100	240	
	Pool for Engineering & Technology					
1	Basic Sciences (Math, Physics, Chemistry)	-	-	-	24 to 36	FC
2	Liberal Arts and Social Sciences (English, Economics, etc.)	6 to 12	6 to 12	6 to 12	18 to 30	AEC
3	Allied Business Sciences (Project Management, Cost Optimization, etc.)	6 to 9	6 to 9	6 to 9	18 to 30	AEC
4	Core Engineering / Pharma / Planning / Arch Courses	54 to 72	54 to 72	54 to 72	90 to 110	DSCC
5	Discipline Electives / Minor Stream	12 to 15	12 to 15	12 to 15	16 to 20	DSCC
6	University Wide Open Electives	6 to 12	6 to 12	6 to 12	12 to 18	OEC
7	Dissertation / Major Projects	18 to 24	18 to 24	18 to 24	24 to 30	NTCC

Table 9

Program Group: Engineering, Science, Computer Application						
		B.Tech + MBA	B.Sc (Hons.)	BCA	MCA	Course Classification
	Minimum Credits to Graduate:	240	120	120	150	
	Pool for Engineering & Technology					
1	Basic Sciences (Math, Physics, Chemistry)	24 to 36	15 to 18	15 to 18	-	FC
2	Liberal Arts and Social Sciences (English, Economics, etc.)	18 to 30	6 to 12	6 to 12	18 to 30	AEC
3	Allied Applied Sciences (Engg. Drawing, Mechanics, Computer Science etc.)	18 to 30	6 to 12	6 to 12	18 to 30	AEC
4	Core Engineering / Science/ Computer Application	90 to 110	54 to 72	54 to 72	70 to 90	DSCC
5	Core Business	36 to 48	-	-	-	DSCC
6	Discipline Electives in Engg, Science & Computer Application	16 to 20	12 to 15	12 to 15	12 to 15	DSE
7	Discipline Electives in Business/Minor Stream	16 to 20	-	-	-	DSE
8	University Wide Open Electives	12 to 18	6 to 12	6 to 12	12 to 18	OEC
7	Dissertation / Major Projects	24 to 30	6 to 12	6 to 12	18 to 24	NTCC

Table 10

Program Group: Integrated Science, Engineering, Computer Application programs						
		M.Sc	BCA + MCA	B.Sc. + M.Sc.	M.Sc + M.Tech	Course Classification
	Minimum Credits to Graduate:	90	300	200	200	
	Pool for Engineering & Technology					
1	Basic Sciences (Math, Physics, Chemistry)	-	15 to 24	24 to 36	-	FC
2	Liberal Arts and Social Sciences (English, Economics, etc.)	6 to 12	18 to 30	18 to 30	18 to 30	AEC
3	Allied Applied Sciences (Engg. Drawing, Mechanics, etc.)	-	12 to 21	-	48 to 72	AEC
4	Core Engineering / Science/Comp. Application	54 to 72	120 to 180	90 to 110	60 to 90	DSCC
5	Discipline Electives / Minor Stream	12 to 15	30 to 48	16 to 20	16 to 20	DSE
6	University Wide Open Electives	6 to 12	12 to 21	12 to 18	12 to 18	OEC
7	Dissertation / Major Projects	6 to 12	24 to 30	15 to 18	15 to 18	NTCC

Table 11

Program Group: Integrated Law Programs and PG programs						
		B.A. LL.B	B.Com. LL.B	B.Sc. LL.B.	LLM	Course Classification
	Minimum Credits to Graduate:	250	250	250	30	
	Pool A - BA					
1	Languages, Literature and Indology	72 to 84				FC
2	Arts & Social Sciences	18 to 24				DSCC
3	Discipline Electives / Minor Stream	12 to 18				DSE
4	University Wide Open Electives	6 to 12				OEC
	Pool B - B.Com.					
1	Allied Business Subjects		18 to 24			FC
2	Applied Social Sciences		12 to 18			AEC
3	Core Business / Commerce Subjects		36 to 48			DSCC
4	Discipline Electives / Specializations / Major		15 to 18			DSE
5	University Wide Open Electives		9 to 12			OEC
	Pool C - B.Sc.					
1	Basic Sciences (Math, Physics, Chemistry)			15 to 18		FC
2	Liberal Arts and Social Sciences (English, Economics, etc.)			6 to 12		AEC
3	Allied Applied Sciences			54 to 72		DSCC
4	Discipline Electives / Minor Stream			12 to 15		DSE
5	University Wide Open Electives			6 to 12		OEC
	Pool D - Law UG					
1	Compulsory Core Subjects	60 to 80	60 to 80	60 to 80		DSCC
2	Compulsory Clinical Subjects	15 to 18	15 to 18	15 to 18		AEC
3	Disciplinary Electives / Specialization	18 to 24	18 to 24	18 to 24		DSE
4	Multi-disciplinary Law electives (super specialization)	24 to 36	24 to 36	24 to 36		DSE
5	Dissertation / Major Projects	6 to 12	6 to 12	6 to 12		NTCC
	Pool E - Law PG					
1	Foundational Subjects				8 to 12	FC
2	Elective Subjects				12 to 15	DSE
3	Dissertation on a topic approved by the academic supervisor				6 to 9	NTCC