

Parvatibai Chowgule College of Arts and Science

Autonomous

Course Structure for B.A. and B.Sc.

Parvatibai Chowgule College of Arts and Science offers a range of undergraduate and postgraduate degrees as well as postgraduate diploma programmes. Having been affiliated to Goa University, the College has been conferred with Academic Autonomy by the University Grants Commission, the Goa Government and the Goa University during the academic year 2014-15. The College will function as an autonomous institution from the academic year 2015-16, enrolling its first batch of students under new curriculum.

Students who were admitted to undergraduate programmes of First Year, Second Year and Third Year under Goa University's semester system during the academic year 2014-15 shall continue to be under the same affiliating system.

The new course structure being offered by the Autonomous College provides students an opportunity to study under the Choice Based Credit System (CBCS). Thus, students will be able to select subjects of their choice, based on their individual aptitudes and career goals. The CBCS also provides a 'cafeteria' type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, while adopting an interdisciplinary approach to learning.

With respect to gradation, a uniform grading system will be implemented, given its significant benefits over the conventional marks system. Numerous educational institutions of repute in this nation and abroad have also opted for grading, given its merits. The grading system at Chowgule College will facilitate student mobility across institutions within and across countries, while also enabling potential employers to assess the performance of students. The college has formulated guidelines based on the UGC recommendations to produce uniformity in the grading system and in the computation of the cumulative grade point average (CGPA) based on the performance of students in the examinations.

Another progressive change being implemented is the credit based semester system. It provides flexibility in designing curriculum and assigning credits based on the course

content and hours of teaching. The semester system thus accelerates the teaching-learning process and enables vertical and horizontal mobility in learning.

Though autonomous status is conferred by UGC, the College continues to be affiliated to Goa University and degrees will be awarded by Goa University indicating the name of the College.

The following Undergraduate Degree Programmes shall be conducted:

- (a) Bachelor of Arts (B.A.)
- (b) Bachelor of Science (B.Sc.)

Courses in a B.A./B.Sc. programme shall be of three kinds: **Core, Elective** and **Foundation**.

(A) Core Course:

There shall be a Core Course(s) in every semester. This is the course which is to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in a said discipline of study.

(B) Elective Course:

Elective course is a course which can be chosen from a pool of papers. It may:

- i. Support the discipline of study
- ii. Provide an expanded scope
- iii. Enable an exposure to some other discipline/domain
- iv. Nurture student's proficiency/skill.

(C) Foundation Course:

"Foundation Course(s)" are based on content that leads to knowledge enhancement. They are mandatory for all disciplines.

Structure of Undergraduate Programme in Arts (B.A.)

The structure of three year degree programme in B.A. is given below.

The B.A. programme is offered in thirteen different subjects- English, French, Hindi, Konkani, Marathi, Portuguese, Economics, Geography, History, Mathematics, Philosophy, Psychology and Sociology.

The B.A. programme is structured into four components:

Component A: This consists of 21 courses, with 4 credits per course. A student has to complete 84 credits under this component as per the choice of subject/s. They can choose any one of three options:

Option I: Single Major

Students choosing a Single Major option will complete:

- 8 Core Courses of 32 credits,
- 12 Elective courses of 48 credits,
- A project course of 4 credits.

Option II: Major-Minor

Students choosing a Major - Minor option will complete:

- 8 Core courses of 32 credits in the major subject,
- 6 Elective courses of 24 credits in the major subject,
- 6 Core courses of 24 credits in the minor subject,
- A project course of 4 credits in the major subject.

Option III: Double Major

Students choosing a double major option will complete:

- 8 Core Courses of 32 credits in the first major subject,
- 8 Core Courses of 32 credits in second major subject,
- 2 Elective Courses of 8 credits in the first major subject,
- 2 Elective Courses of 8 credits in the second major subject,
- A project course of 4 credits in either of the major subjects.

Component B: This consists of 9 courses, with each course having 4 credits each. A student has to complete 36 credits under this component. This component has courses in: Language (two courses), Academic Writing, Research Writing, Statistics, Cyber Security, Environmental Studies and any two Interdisciplinary courses.

Component C: This consists of 3 extra-curricular activities each of 2 credits. A student has to complete 6 credits under this component. The activities are: NCC or NSS, Performing Arts or Music and Sports. These activities are mandatory for students.

Component D: This consists of internship of 4 credits. The duration of internship is a minimum of four weeks. Students can choose to do their internship during any of the first four semester breaks of their studentship.

Structure of Undergraduate Programme in Science (B.Sc.)

The structure of three year degree programme in B.Sc. is given below.

The B.Sc. programme is offered in nine different subjects: Biotechnology, Botany, Chemistry, Computer Science, Geography, Geology, Mathematics, Physics and Zoology.

The B.Sc. programme is structured into four components:

Component A: This consists of 21 courses, with 4 credits per course. A student has to complete 84 credits under this component as per the choice of subject/s. They can choose any one of three options:

Option I: Single Major

Students choosing a Single Major option will complete:

- 8 Core Courses of 32 credits,
- 12 Elective courses of 48 credits,
- A project course of 4 credits.

Option II: Major-Minor

Students choosing a Major - Minor option will complete:

- 8 Core courses of 32 credits in the major subject,
- 6 Elective courses of 24 credits in the major subject,
- 6 Core courses of 24 credits in the minor subject,
- A project course of 4 credits in the major subject.

Option III: Double Major

Students choosing a double major option will complete:

- 8 Core Courses of 32 credits in the first major subject,
- 8 Core Courses of 32 credits in second major subject,
- 2 Elective Courses of 8 credits in the first major subject,
- 2 Elective Courses of 8 credits in the second major subject,
- A project course of 4 credits in either of the major subjects.

Component B: This consists of 9 courses, with each course carrying 4 credits. Thus, a student has to complete 36 credits under this component. This component has courses in: Language (two courses), Academic Writing, Research Writing, Statistics, Cyber Security, Environmental Studies and any two Interdisciplinary courses.

Component C: This consists of 3 extra-curricular activities, each activity carrying 2 credits. Thus, a student has to complete 6 credits under this component. The activities are: NCC or NSS, Performing Art or Music and Sports. These activities are mandatory for students.

Component D: This consists of internship of 4 credits. The duration of internship is a minimum of four weeks. Students can choose to do their internship during any of the first four semester breaks of their studentship.

Under the CBCS the undergraduate degree programme is of three years duration and consists of six semesters. A student needs to offer a minimum of 130 credits to complete the programme. The B.A. programme is offered in thirteen different subjects and the B.Sc. programme is offered in nine different subjects.

The final grades of the student will be determined by the credits earned under Components A and B only. However, the students will have to complete all credits under all components for the award of the degree.

Course Structure for Autonomous Programmes of B.A. and B. Sc.

STRUCTURE		CREDITS	CORE COURSES	Major + Project	Minor	Elective
Component A (84Credits) Core Courses	CHOICE 1	32+4	8 Core Courses (Major) + Project Paper	8 + 1		
	Single Major	48	12 Elective Courses (Major)		--	12
	CHOICE 2 Major and Minor	32+4	8 Core courses (Major) + Project Paper	8 + 1		
		24	6 Core Course (Minor)		6	
		24	6 Elective Course (Major)			6
	CHOICE 3 Double Major	32+4	8 Core Courses (Major 1) + Project Paper	8 + 1	--	
		32	8 Core Courses (Major 2)	8	--	
		16	2+2 Elective Courses (Major 1 / Major 2)			4
STRUCTURE		CREDITS	FOUNDATION COURSES	Compulsory	Elective	
Component B (36 Credits) Foundation Courses	Foundation Courses	4 + 4	A. Language (Option Offered)	2		
		4 + 4	B. (1) Academic Writing (2) Cyber Security	2		
		2 + 2	C. Environmental Studies	2		
		4 + 4	D. (1) (a) <u>Statistical Methods</u> (For Economics, Geography, Psychology, Botany, Biotechnology, Chemistry, Computer Science, Geology, Mathematics, Physics and Zoology) (b) <u>Elements of Basic Statistics</u> (For English, French, Hindi, Konkani, Marathi, History, Philosophy and Sociology) (2) Research Writing	2		
		4 + 4	E. Interdisciplinary Courses		2	
Component C (6 Credits)	Extra-curricular	2	Music or Arts		1	
		2	Sports		1	
		2	NCC or NSS		1	
Component D (4 Credits)	Internship	4	Internship (Minimum One Month)	1		
Abbreviations: CC - Core Course EC -Elective Course CP - Core Project CM - Core Minor FC - Foundation Course GE - General Electives I - Internship						

Distribution of Courses (Single Major) - ARTS						
Semesters	I	II	III	IV	V	VI
Courses	2CC	2CC	CC	CC	CC	CC
	FC - A	FC - A	3EC	3EC	3EC	3EC
	FC - B (2)	FC - B (1)	FC - C	FC - C	FC - E	FC - E
	FC - D (1) (a) / FC - D (1) (b)		FC - D (2)		PROJ	PROJ
	5	4	5.5	4.5	5.5	5.5

Distribution of Courses (Major - Minor) - ARTS						
Semesters	I	II	III	IV	V	VI
Courses	2CC	2CC	CC	CC	CC	CC
	FC - A	FC - A	EC	EC	2EC	2EC
	FC - B (2)	FC - B (1)	FC - C	FC - C	FC - E	FC - E
	CCm	CCm	CCm	CCm	CCm	CCm
	FC - D (1) (a) / FC - D (1) (b)		FC - D (2)		PROJ	PROJ
Total	6	5	4.5	3.5	5.5	5.5

Distribution of Courses (Double Majors) - ARTS						
Semesters	I	II	III	IV	V	VI
Courses	2CC - 1	2CC - 1	CC - 1	CC - 1	CC - 1	CC - 1
			EC	EC	EC	EC
	FC - A	FC - A	2FC - B (2)	FC - B (1),	FC - C	FC - C
	2CC - 2	2CC - 2	CC - 2	CC - 2	CC - 2	CC - 2
	FC - D (1) (a) / FC - D (1) (b)		2FC - D (2)		FC - E	FC - E
					PROJ	PROJ
Total	6	5	5	4	5	5

Distribution of Courses (Single Major) - SCIENCE						
Semesters	I	II	III	IV	V	VI
Courses	2CC	2CC	CC	CC	CC	CC
	FC - A	FC - A	3EC	3EC	3EC	3EC
	FC - B (1)	FC - B (2)	FC - C	FC - C	FC - E	FC - E
		FC - D (1) (a)		FC - D (2)	PROJ	PROJ
	4	5	4.5	4.5	5.5	5.5

Distribution of Courses (Major - Minor) - SCIENCE						
Semesters	I	II	III	IV	V	VI
Courses	2CC	2CC	CC	CC	CC	CC
	FC - A	FC - A	EC	EC	2EC	2EC
	FC - B (1)	FC - B (2)	FC - C	FC - C	FC - E	FC - E
	CCm	CCm	CCm	CCm	CCm	CCm
		FC - D (1) (a)		FC - D (2)	PROJ	PROJ
Total	5	6	4.5	4.5	5.5	5.5

Distribution of Courses (Double Majors) - SCIENCE						
Semesters	I	II	III	IV	V	VI
Courses	2CC - 1	2CC - 1	CC - 1	CC - 1	CC - 1	CC - 1
			EC	EC	EC	EC
	FC - A	FC - A	FC - B (1)	FC - B (2)	FC - C	FC - C
	2CC - 2	2CC - 2	CC - 2	CC - 2	CC - 2	CC - 2
		FC - D (1) (a)		FC - D (2)	FC - E	FC - E
					PROJ	PROJ
Total	5	6	4	5	5	5