

**Deccan Education Society's**  
**FERGUSSON COLLEGE (AUTONOMOUS), PUNE**

*Faculty of  
Science*

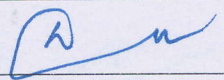

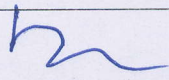

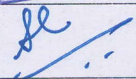
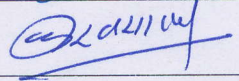

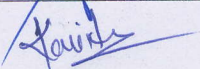
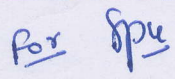
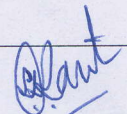
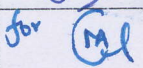
**MEETING**

Date: 15/01/2020  
Day: Wednesday  
Venue: IQAC  
Time: 11:30. a.m.

**Agenda:**

1. New Choice Based Credit System
2. Any other item with permission of Principal.

**Members Present**

Sr. No.	Name	Designation / Department	Signature
1.	Dr. Ravindrasing Pardeshi	Principal	
2.	Dr. Nitin Kulkarni	Vice Principal and Head, Department of Electronic Science	
3.	Smt. Swati Joglekar	Vice Principal, Faculty of Science	
4.	Shri. Prasad Shukla	Head, Department of Animation	
5.	Dr. Sonali Joshi	Head, Department of Biotechnology	
6.	Smt. Sunanda Kate	Head, Department of Botany	
7.	Shri. Swapnil Kamble	In-Charge, Department of B. Voc.	
8.	Shri. Shridhar Vhankate	Head, Department of Chemistry	
9.	Dr. Kavita Khobragade	Head, Department of Computer Science	
10.	Smt. Rupali Gaikwad	Head, Department of Environmental Science	
11.	Dr. Shashikant Raut	Head, Department of Geology	
12.	Dr. Vinaykumar Acharya	Head, Department of Mathematics	

Sr. No.	Name	Designation / Department	Signature
13.	Smt. Meghana Kulkarni	Head, Department of Microbiology	<i>for ssgw</i> <i>15/1/20</i>
14.	Dr. Raka Dabhade	Head, Department of Physics	<i>15-1-20</i>
15.	Shri. Subhash Shende	Head, Department of Statistics	<i>shende</i> <i>15/01/2020</i>
16.	Dr. Kishor Pendharkar	Head, Department of Zoology	<i>15/01/2020</i>
17.	Dr. Samir Terdalkar	Co-ordinator, IQAC and Secretary, Academic Council	<i>Samir</i>

18 Dr. Tadke V.B.

Chemistry

19 Dr. V.P. Labade

COE & Electronic-Sc

*Samir*



*Dr. Ravindrasing Pardeshi*  
Principal  
Fergusson College (Autonomous), Pune

# Fergusson College (Autonomous), Pune

## Structure of B.Sc. – Faculty of Science

Under CBCS pattern (2019-20) *effective from June 2020*

### Implementation of UG course structure for Science Faculty

1. For First year: Student has to select 4 different subjects among the subjects offered by the College/Institute.
2. For Second year : Student has to select 3 different subject among 4 subject chosen in first year.
3. For Third year : Student has to select only 1 subject among the 3 subject opted in second year
4. CGPA will be calculated on the basis of core 136 credits only
5. Each theory credit is equivalent to 15 clock hours of teaching and each practical credit is equivalent to 30 clock hours of teaching in a semester.
6. There is 15 weeks of teacher-student interaction during the semester.
7. The 15 week is divided into 12 weeks teaching and 3 weeks for continuous assessment including preparation time to students during the semester.
8. The workload will be calculated on the basis of 12 weeks teaching only.
9. Each theory Lecture time for FY, SY, TY is of 50 min. (3 Lectures per week for 2 credit course)
10. Each practical session time for FY/SY/TY is of 3 hour 20 minutes = 200 min (4 Lecture periods / Practical)
11. Exam pattern: End Semester Exam 70% (35 Marks) and Continuous Internal Assessment 30% ( 15 Marks )
12. For Internal examination minimum two examinations per paper of which one has to be ON-Line test of 20 marks (will converted to 10 marks).
13. Methods of assessment for internal exams for 5 marks: Seminars, Viva-voce, Projects, Surveys, Field visits, Tutorials, Assignment, Group Discussion

#### 1) UG programme Structure :

Each B.Sc. programme is of 3 years duration. The minimum total no. of credits requirement for each programme is 136. In the structure. The credits are distributed over 6 semesters. The open elective included, gives the student a wide choice of subjects from other programmes. The Credit structure for B.Sc. programme is given below in Table1

**Table 1**

Faculty of Science and Technology

Structure of Choice Based Credit System for Undergraduate Science Programme

Seme ster	Discipline Specific Core Courses(CC)		Ability Enhancement Compulsory Courses (AECC)		Discipline Specific Elective Courses(AECC)		Skill Enhancement Courses (SES)		Total Credit
	Course	Theory 1 + Theory 2 + Practical Credit	Course	Theory + Practical Credit	Course	Theory 1 + Theory 2 + Practical Credit	Course	Theory + Practical Credit	
I	CC - I	2 + 2 + 2 = 6							24
	CC - II	2 + 2 + 2 = 6							
	CC - III	2 + 2 + 2 = 6							
	CC - IV	2 + 2 + 2 = 6							
II	CC - V	2 + 2 + 2 = 6							24
	CC - VI	2 + 2 + 2 = 6							
	CC - VII	2 + 2 + 2 = 6							
	CC - VIII	2 + 2 + 2 = 6							
III	CC - IX	2 + 2 + 2 = 6	AECC - I (Environment Awareness)	2 + 0 = 2					22
	CC - X	2 + 2 + 2 = 6	AECC - II (Language communication)	2 + 0 = 2					
	CC - XI	2 + 2 + 2 = 6							
IV	CC - XII	2 + 2 + 2 = 6	AECC - I (Environment Awareness)	2 + 0 = 2					22
	CC - XIII	2 + 2 + 2 = 6	AECC - II (Language communication)	2 + 0 = 2					
	CC - XIV	2 + 2 + 2 = 6							
V					DSEC - I	2 + 2 + 2 = 6	SEC - I	2 + 0 = 2	22
					DSEC - II	2 + 2 + 2 = 6	SEC - II	2 + 0 = 2	
					DSEC - III	2 + 2 + 2 = 6			
VI					DSEC - IV	2 + 2 + 2 = 6	SEC - III	2 + 0 = 2	22
					DSEC - V	2 + 2 + 2 = 6	SEC - IV	2 + 0 = 2	
					DSEC - VI	2 + 2 + 2 = 6			
<b>Total Credits = 136</b>									

# Fergusson College (Autonomous), Pune

## Structure of S.Y.B.A. – Faculty of Arts and Humanities

Under CBCS pattern (2019-20) *effective from June 2020*

S.Y.B.A	New CBCS pattern (June 2020)	L	Old (Existing) pattern	L
Sem. III	Compulsory English (3)	4	Compulsory English (3)	4
	MIL 1 Compulsory (3) Marathi/ Hindi /Sanskrit/ French/ German	4	--	
	DSE 1 A (3)	4	Special paper -1 (3)	4
	DSE 2 A (3)	4	Special paper -2 (3)	4
	SEC 1 A (3)	4	General Paper G-2 (3)	4
	SEC 2 A (1) Value based/Skill based		--	
	CC 1 C (3)	4	Optional -1 (3)	4
	CC 2 C (3)	4	Optional -2 (3)	4
	Environment Science (2)	3	Environment Science (2)	3
Sem. IV	Compulsory English (3)	4	Compulsory English (3)	4
	MIL 2 Compulsory (3) Marathi/ Hindi /Sanskrit/ French/ German	4	--	
	DSE 1 B (3)	4	Special paper -1 (3)	4
	DSE 2 B (3)	4	Special paper -2 (3)	4
	SEC 1 B (3)	4	General Paper G-2 (3)	4
	SEC 2 B (1) Value based/Skill based / Field work of SEC -1B		--	
	CC 1 C (3)	3	Optional -1 (3)	4
	CC 2 C (3)	3	Optional -2 (3)	4
	Environment Science (2)	3	Environment Science (2)	3

# Fergusson College (Autonomous), Pune

## Faculty of Arts and Humanities

### Syllabus for S.Y. B.A. (Department of .....

Under CBCS Pattern (2019-20) effective from June 2020

### Equivalence Syllabus for Department of .....

SY BA	New CBCS Pattern	Old Existing Pattern
Sem III	DSE 1A (3 credits) Title: .....	Special Paper 1 Title: .....
	DSE 2A (3 credits) Title: .....	Special Paper 2 Title: .....
	SEC 1A (3 credits) Title: .....	General Paper 2 Title: .....
	SEC 2A (1 credits) (Value/Skill Based) Title: .....	----

*Note: SEC 1A is CC '1 or 2' (General paper for other department students)*

SY BA	New CBCS Pattern	Old Existing Pattern
Sem IV	DSE 1B (3 credits) Title: .....	Special Paper 1 Title: .....
	DSE 2B (3 credits) Title: .....	Special Paper 2 Title: .....
	SEC 1B (3 credits) Title: .....	General Paper 2 Title: .....
	SEC 2B (1 credits) (Value/Skill Based/ Field Work of SEC-1B) Title: .....	----

*Note: SEC 1B is CC-'1 or 2' (General paper for other department students)*

All departments are requested to

1. Submit the old and new pattern in the above format at earliest.
2. Conduct BoS and submit the syllabi for above 8 courses on or before 30<sup>th</sup> January 2020.