



Chowgule Education Society's

**Parvatibai Chowgule College of Arts and Science  
Autonomous**

**Accredited by NAAC with Grade 'A+'  
Best Affiliated College-Goa University Silver Jubilee Year Award**

**ACTION TAKEN REPORT BASED FEEDBACK FROM STAKE  
HOLDERS OF THE  
ACADEMIC YEAR: 2022-2023**

## INDEXPAGE

<b>Sr.No</b>	<b>CONTENTS</b>	<b>PAGENOs</b>
<b>1</b>	<b>Action Taken Report at the B.O.S of respective departments</b>	<b>1-22</b>

## Feedback Recommendations of 2022-23

### 1. Employers:

- a. The employers feedback across programs presented the need to focus on written ,oral communication and practical hands-on skills.

2. **Alumni:** The feedback from alumni presented a scope for improving areas like Research Aptitude and Leadership Skills appear to be the weakest points based on this feedback and might need further introspection and improvement.

Students seem to be pushing for a holistic approach to education that blends technical skills, practical application, and soft skills. They value a balance of theory and hands-on experience, underscoring the importance of adaptability and a broadened perspective in today's world. The feedback suggests the institution might consider evaluating and possibly revamping its curriculum, pedagogy, and resources to address these areas.

### 3. Teachers:

If need be certain courses to be relooked to be replaced by newcourses to align with the needs of the stake holders based on the inputs received in the context of NEP 2020.

Ensure to float Short term certificate courses that are not offered but are in demand may be provided as short term courses/certificate courses

Obtaining Feedbacks. Revision of curriculum based on: Industrial/employment sector visit to check jobrequirements. Feedback from employers

### 4. Students:

- a. Course Content: There is need to provide students the rational of the course content and a course content that will be driven with an outcome related to building skills for their career.
- b. The feedback although favourable in all four parameters shows that there is scope for improvement in each of the parameter but more especially where Academic Support is concerned that saw a dip. There is a need for a serious introspection on the need to improve academic support to the students in the quest of making the curriculum more enhancing and enriching.

## **Actions Taken Report 2022-23**

In order to accommodate the feedback recommendations of the IQAC of the college took up the implementation of the NEP 2020. As the NEP 2020 addresses the recommendations from varied stake holders and based on which the IQAC recommended to change the course structure and introduce varied types of courses. Thus, the following points were suggested to be taken up for action in the B.O.S meetings of all the programs.

1. To apprise the New Course structure as per the new UGC guidelines based on NEP
2. To approve the list of Courses under the Nomenclatures, Discipline Core, Skilled Enhancement Course (SEC) , Value Added Course (VAC), Multidisciplinary Course (MDC).
3. To approve the syllabi of F.Y courses under the New UGC-NEP Course Structure
4. A.O.B

Academic year 2022-23

Department of Biochemistry

Action Taken Report as minuted from the BOS meeting 2022-23

1. To approve the list of courses under the nomenclatures: Core (Major & Minor), Skill enhancement course & Multiisciplinary course.
2. To approve syllabi of scmester I & II courscs under new course structure.

Academic year 2022-23

Department of Biotechnology

Action taken Report as minuted from the BOS meeting 2022-23

1. The list of courses under the following nomenclatures: Core (Major & Minor), Vocational courses (Voc), Skill enhancement course (SEC) and Multidisciplinary course (MDC).
2. The syllabi of the following semester I courses under new structure:
  - a. Major core course: Biomolecules (UG-BIO-101)
  - b. Minor core course: Cell biology (UG-BIO-102)
  - c. MDC: Food and Fermentation technology (UG-BIO-MDC1)
  - d. SEC: Mushroom cultivation (UG-BIO-SEC1)
3. The syllabi of the following semester II courses under new structure:
  - a. Major core course: Basic Microbiology (UG-BIO-103)
  - b. Minor core course: Fundamental Genetics (UG-BIO-104)
  - c. MDC: Basics of Biodiversity (UG-BIO-MDC2).
  - d. SEC: Elementary tools for visualisation of biological data (UG-BIO-SEC2)

Academic year 2022-23

Department of Botany

Action taken Report as minuted from the BOS meeting 2022-23

**1. New Course structure: The course structure was appraised per the new UGC guidelines based on NEP.**

**Resolution: Appraised Course structure was accepted.**

2. The list of Courses under the new Nomenclatures: Courses under the Nomenclatures, Discipline specific Core (Major and Minor), Skilled Enhancement Course (SEC), Value Added Course (VAC), Multidisciplinary Course (MDC) were approved.

Resolution: Courses under new nomenclatures were approved after discussion.

3. Approval for Courses of F.Y.B.Sc. Semester - I and II : The Core (Major and Minor) Skilled Enhancement Course (SEC) and Multidisciplinary Course (MDC), Courses taken up during F.Y.B.Sc. Semester - I and II, were discussed and approved under the New UGC-NEP Course Structure

Resolution: F.Y.B.Sc. Semester - I and II, Courses were discussed and approved with suggestions.

Academic year 2022-23

Department of Chemistry

Action taken Report as minuted from the BOS meeting 2022-23

1. To approve the List of Courses under the Nomenclatures: Core (Major and Minor), Multidisciplinary Courses and Skill Enhancement Courses.
2. To approve the Syllabi of Semester I and II Courses under new Course Structure.
3. The changes suggested by BoS for UG Syllabus.

Course Code: CHE.SEC-3; Course Title: Laboratory Techniques in Organic Chemistry (Theory and Practical's); Experiment Number 6: Reaction involving inert atmosphere/anhydrous condition: Grignard Reaction: Synthesis, reaction monitoring, purification, and characterization of Product OR Preparation of Fremy's Salt and oxidation of phenol to quinone and purification to be changed to Extractions involving solvent extraction.

4. To approve the List of Courses under the Nomenclatures: Core and Discipline Specific Electives, Research Specific Electives, Discipline Specific Dissertation/Internship.
5. To approve the Syllabi of PG of Semester I and II Courses under New Course Structure.



Academic year 2022-23

Department of Computer Science

Action taken Report as minuted from the BOS meeting 2022-23

1. Appraise the course structure as per the UGC guidelines for UG programmes based on NEP 2020 presented in Annexure A.
2. Approval of the list of courses under the nomenclatures: Core (Major & Minor), Skill enhancement course, Value added course, Multidisciplinary course presented in Annexure A.
3. Approval of syllabi of semester I & II courses under new course structure for BSc Computer Science in Annexure B.
4. Approval of syllabi of MSc IT under new course structure presented in Annexure C.
5. Approval of the revised syllabi of B.Voc. presented in Annexure D.

Academic year 2022-23

Department of Geology

Action taken Report as minuted from the BOS meeting 2022-23

1. To approve the list of courses under the nomenclatures: Core (Major and Minor), Skill enhancement Course (SEC), Multi-Disciplinary Course (MDC), Vocational Course (VOC).  
Approval for the following list of courses to be offered for a four-year Undergraduate Honours Programme in the subject of Geology. The list may be subjective to change in the subsequent Board of Studies meetings (Annexure A).
2. **To approve the syllabi of Semester I and II courses under the new structure.**  
The syllabus for the Discipline Specific Courses, Multidisciplinary Courses and Skill Enhancement Courses to be approved (Annexure B)

Academic year 2022-23

Department of Mathematics

Action taken Report as minuted from the BOS meeting 2022-23

1. The New Course structure was appraised.
2. The list of courses under the nomenclatures Core (Major and Minor), Skilled Enhancement Course (SEC), and Multidisciplinary Course (MDC) for the four-year BA/BSc Honors program were approved.
3. The semester I and II courses' syllabus under the new structure was approved.

Academic year 2022-23

Department of Physics

Action taken Report as minuted from the BOS meeting 2022-23

1. The list of courses under the nomenclatures Discipline Core (Major & Minor), Skill enhancement course, and Multidisciplinary course to be offered by the Department of Physics under NEP 2020 presented in Annexure
2. The syllabi of the Semester I and II courses to be offered under NEP 2020 presented in Annexure B.
3. The syllabus of the course Nuclear and Elementary Particle Physics and Introduction to
4. Material Science offered in Semester VI presented in Annexure B.
5. Revised course learning outcomes of Semester IV and Semester VI courses presented in Annexure B.

Academic year 2022-23

Department of Zoology

Action taken Report as minuted from the BOS meeting 2022-23

## **B.Sc. Zoology**

### 1. COURSE STRUCTURE:

Resolution After due deliberation the Course structure and List of course for BSc Zoology as per the Course structure of the college based on NEP 2020, was approved by all the members (Annexure A).

### 2. COURSE SYLLABI:

#### a. Major Discipline Specific Core Courses

UG-ZOO-101: Animal Diversity: Non-Chordates and Chordates - BoS members suggested including local species in the practical component of the “Animal Diversity: Non Chordates and Chordates.

UG-ZOO-103: Cell and Molecular Biology approved as presented.

Resolution: After incorporation of the suggestions received the proposed syllabi of UG-ZOO-101: Animal Diversity: Non-Chordates and Chordates and UG-ZOO-103: Cell and Molecular Biology was approved by the BoS members

#### b. Minor Core Courses

UG-ZOO-102- Introduction to Animal Diversity: Suggested to include local species in the practical component.

UG-ZOO-104- Techniques of Cell Study and Cell Chemistry approved as presented.

Resolution: After due deliberation, the proposed syllabus for the two minor core courses was approved by the BoS members.

#### c. Skill enhancement course

UG-ZOO-SEC1-Waste Management Techniques –Suggested to add visit to Sewage treatment plant/Waste disposal plant in the practical component.

UG-ZOO-SEC2-Bioentrepreneurship – suggested to add ISO to the theory component.

Resolution: After incorporation of the suggestions received the proposed syllabi of UG-ZOO-SEC 1: Waste Management Techniques and UG-ZOO-SEC 2: Bio-entrepreneurship were approved by the BOS members.

#### d. Value added course

UG-ZOO-VAC 1-Environment Protection Practices - suggested to add CRZ and EIA to unit 02; Permaculture and sustainable agricultural ecosystem to unit 3 and prevention of forest fires in Unit 5The syllabus was presented in detail by the Chairman to the BoS members.

Resolution: After incorporation of the suggestions received the proposed syllabus of UG ZOO-VAC 1-Environment Protection Practices was approved by the BOS members

e. Multidisciplinary Course

(UG.Z00-MDCI-Nutrition and Diet Plan • Adding 'testing of Honey' to the existing food quality tests in the practical component of the course Nutrition and Diet Plan. Adding, reference book 'Nutritive Value of Indian Food' by C Gopalan

UG-ZOO-MDC 2- Fish Preservation and processing techniques - approved as presented.

Resolution: After due deliberation, and incorporation of suggestions received the proposed syllabus for the skill enhancement courses was approved by the BoS members.

## **Post Graduate Diploma**

### **COURSE STRUCTURE (PGDCGMLT):**

PGDCGMLT-EI Course code of Internship to be written as PGDCGMLT.EI (A) and PGDCGMLT.EI (B) for Semester I and Semester II respectively,

Resolution: After incorporation of the suggestions received the course structure of PGDCGMLT based on NEP 2020 was approved by the members,

ACTION TAKEN REPORT 2022-2023

Academic year 2022-23

Department of Hindi

Action taken Report as minuted from the BOS meeting 2022-23

Academic year 2022-23

Department of Marathi

Action taken Report as minuted from the BOS meeting 2022-23

- सदर चचमध्य सर्प्रथम सदसययसमोर नर्चचत पयठयक्रम सरचनय प्रसतत करण्यात आली; त्ययरर् चर्चयरमथन करून सर्वसमतीन त्ययलय मयन्यतय देण्ययत आली. त्ययसयठी Annexure A पयहयर्े.
- नर्चचत पयठयक्रमयतील चर्चर्ध चर्षययची शीषकसची सदसययसमोर सयदर करून त्ययरर् चर्चयरमथन कलयनतर ही शीषवक खयलीलप्रमयणे चलचहण्ययचय चनणवय घेण्ययत आलय - कोअर कोसव  
(मजर अथर्य मयइनर), चसकल एनहयन्समट कोस, म्यर् एडड कोस, मल्टीचडसीप्लीनरी कोस, एचिचलटी एनहयन्समट कोस, ज सर्समतीन सर्ीकत करण्यात आले.
- िी. ए. प्रथम आचण चितीय सत्रयचय पयठयक्रम आभ्ययसक्रम मडळयच्यय समक्ष प्रसतत करण्यात आलय. त्ययर्ळी चर्चर्ध प्रकयरच चर्षय अध्यक्षययियर तकसगत रूपयत प्रसत कल गल. त्ययमधील कयही चर्षययमध्य उपचसथत सदसययियर मह्र्पण िदल सचचर्ण्ययत आले; ज िदल सर्समतीन सर्ीकयरण्ययत आले.



Academic year 2022-23

Department of Konkani

Action taken Report as minuted from the BOS meeting 2022-23

1. Approval of the list of courses under the Nomenclatures: Major Core, Minor course, Multidisciplinary Course, Ability Enhancement Course, Skill Enhancement Course, Value Added Course, Vocational Course.
2. Approval of the syllabi of the undergraduate courses for the following undergraduate courses as per NEP 2020 to be implemented from the academic year 2023 – 2024 onwards.

Sr. no	TITLE OF THE COURSE	NOMENCLATURE/TYPE OF COURSE
SEMESTER I		
1	कोंकणी साहाय्याची वळख- भाग 1	Major core
2	गज्यच लोकसंस्कृतायचो अभ्यास	Minor Course
3	कोंकणी भाशची मळावी वळख	Multi-Disciplinary Course
4	कोंकणी नाटकाचो खाशलो अभ्यास	Skill Enhancement Course
5	भलायका आनी पोशक आहाराचो अभ्यास	Value Added Course
SEMESTER II		
6	कोंकणी साहाय्याची वळख- भाग 2	Major Core
7	कोंकणी पथनायचो अभ्यास	Minor Course
8	सोशल मीडिया आनी डिजिटल टेक्नॉलोजीचो वापर	Multi-Disciplinary Course

9	कोंकणी वाचन लेखन कौशल्यां	Ability Enhancement Course
10	कोंकणी तियात्राचो खाशेलो अभ्यास	Skill Enhancement Course
11	सैमाचो सांबाळ- समाजीक जापसालदारकी	Value Added Course

Academic year 2022-23

Department of English

Action taken Report as minuted from the BOS meeting 2022-23

1. Appraised, deliberated and resolved to implement from AY2023-24, the New Course structure as per the new UGC guidelines based on NEP (for U.G. and P.G.)
2. Approved the list of U.G. Courses under the Nomenclatures, Discipline Core, Skill Enhancement Course (SEC), Ability Enhancement Course (AEC), Value Added Course (VAC), Multidisciplinary Course (MDC) as seen in Annexure A.
3. Approved the syllabi (Annexure B) of F.Y.B.A courses under the New UGC-NEP Course Structure.
4. Approved the syllabi (Annexure B) of First Year M.A. courses under the New UGC-NEP Course Structure.

Academic year 2022-23

Department of French

Action taken Report as minuted from the BOS meeting 2022-23

1. To approve the list of courses under the nomenclatures: Discipline Core, Vocational Education Course, Skilled Enhancement Course (SEC) , Multidisciplinary Course (MDC) (see Annexure A)
2. To approve syllabi of semester I & II courses under the new NEP structure. (see Annexure B)

Academic year 2022-23

Department of Economics

Action taken Report as minuted from the BOS meeting 2022-23

**1. Approval of the course syllabus for S.Y.B.A. & T.Y.B.A. under Autonomy (Annexure A)**

- i. Human Resource Management, a G.E.C. course for Semesters III and IV.
- ii. Introduction to Health Economics as an elective course for semester V.
- iii. Introduction to Data Science' as an elective course for semester VI.

**2. Approval of the list of Courses under the Nomenclatures, Discipline Core, Skilled Enhancement Course (S.E.C.), Value Added Course (V.A.C.), and Multidisciplinary Course (MDC) (Annexure B)**

The list of Nomenclatures approved as per the new U.G.C. guidelines based on N.E.P.: Discipline Core, Skill Enhancement Course, Value Added Course, and Multidisciplinary Course,

**3. Approval of the syllabi of Semester I and II courses under the New UGC-NEP Course Structure (Annexure C)**

- The syllabus of the courses approved for the Semester I and II:
- Discipline Core courses: Microeconomics-I for Semester I, Economics of Growth and Development for Semester II.
- MDC courses: Financial Investment for All and Natural Resource Economics for Semester I, Taxation for All for Semester II, and Transport Economics for Semester III
- VAC: Kautilya's Arthashastra and Financial Literacy for Semester I and Gandhian Economic Thought for Semester II
- SEC: Accounting for non-accountant for Semester I and Entrepreneurship and Project Management and Evaluation for Semester II.

Academic year 2022-23

Department of Geography

Action taken Report as minuted from the BOS meeting 2022-23

### **BA Geography**

1. To approve the syllabi for course GEG-VI.C8: Geography of Population Growth and course Introduction to Regional Planning (**Annexure A**).
2. To approve the list of courses for B.A. Geography under NEP 2020 (**Annexure B**).
3. To approve the courses to be offered for Semester I and Semester II for B.A. Geography (**Annexure B**).

### **MA Geography**

4. To approve the list of courses for 80 Credit of two year MA program in Geography.
5. To approve the syllabus of Semester MA Geography I and Semester II.

### **M.Sc. Geoinformatics**

6. To approve the list of core and additional elective courses for MSC Geoinformatics.
7. To approve the syllabi for M.Sc. Geoinformatics semester I, II, III, and IV.

### **PGDGIS**

8. To approve the list of courses of PGDGIS.
9. To approve syllabi for PGDGIS semester I and II.
10. Additional and Supplementary readings were added in the references and approved.
11. The BOS members suggested that internship opportunity should be to give to the aspiring students to provide industrial experience however it will be optional. The same was approved.

### **B.Sc. Geography**

12. The list of courses for B.Sc. Geography (Minor) under NEP 2020 was duly approved.
13. The courses to be offered for Semester I and Semester II for B.Sc. Geography was duly approved.

Academic year 2022-23

Department of History

Action taken Report as minuted from the BOS meeting 2022-23

1. Approval of the list of courses under the Nomenclatures: Core, Skill Enhancement Course, Value Added Course and Multidisciplinary Course.
2. Approval of the syllabi of the undergraduate courses for the following undergraduate courses as per NEP 2020 to be implemented from the academic year 2023 – 2024 onwards.

Sr. No	Courses	Nature of the Courses
<b>SEMESTER I</b>		
1.	Goa from Earliest Times to Liberation	DSC
2.	Culture and Heritage of Goa	MDC
3.	Understanding Goa: Liberation and Challenges	VAC
4.	India from 1947 to 1964	VAC
5.	Heritage Tourism in Goa	SEC
<b>SEMESTER II</b>		
6.	Goa Since Liberation	DSC
7.	Introduction to Constitution of India	MDC
8.	Socio-Religious Reform Movements in India	VAC
9.	Introduction to Museology	SEC



Academic year 2022-23

Department of Philosophy

Action taken Report as minuted from the BOS meeting 2022-23

1. Agenda Point No. 1

a. The BOS was made aware of the new course structure approved in the AC meeting of the college for the UG programmes with UGC guidelines under NEP 2020. They were also informed of the differences in the structures of single and double major programmes, honours programmes, and honours with research programmes. The various nomenclatures like MDC, AEC, SEC, and VAC were also elaborated upon. The BOS was also informed of the guidelines for instruction and the credit distribution for the various courses under the new course structure.

2. Agenda Point No. 2

a. The list of courses under the new nomenclatures and their respective new course codes were approved by the members unanimously (refer **Annexure A**).

3. Agenda Point No. 3

- a. For the VAC course, VALUE EDUCATION, it was decided to make Course Learning Outcome (CLO) No. 4 as CLO2, CLO2 as CLO3, and CLO3 as CLO4.
- b. For the course, Applied Philosophy (Yoga & Practice), after intense deliberation it was decided to use more reference sources for better understanding of the topics besides those already on the list.
- c. The approval of the syllabi for the courses to be taught in semesters I & II of the Academic Year 2023-24 under the NEP 2020 course structure, the BOS approved the syllabi of all the courses put forth before them (refer **Annexure B**).

Academic year 2022-23

Department of Psychology

Action taken Report as minuted from the BOS meeting 2022-23

### B.A Psychology

1. Changes in the syllabus of the following courses at the undergraduate program under the autonomous course structure. See Annexure A for details.
  - Psychopathology I - PSY-III.C-5 – Core
  - Psychopathology II - PSY.IV.C-6 – Core
2. The list of courses under the following nomenclatures: Core (Major), Skill Enhancement Courses, Value added Courses, Multidisciplinary courses. See Annexure B for details.
3. The syllabi of Semester I and II courses under the UGC-NEP course structure. See Annexure C for details.
4. a) The new course structure of the MA Psychology program as per the Goa University guidelines for PG programme based on NEP 2020. See Annexure D for details.  
b) The list of courses for the new MA Psychology programme under the following nomenclatures: Discipline Specific Core and Discipline Specific Elective. See Annexure D for details.



