Minutes of the 16th Meeting of the Academic Council of Parvatibai Chowgule College of Arts and Science, (Autonomous), Margao - Goa held in the College on 25th June, 2022.

Following the Chowgule College notice F.133(B)/325 dated 14th June 2022, convening an online meeting of the Academic Council of Parvatibai Chowgule College of Arts and Science (Autonomous) on 25th June 2022 at 10.00 a.m., the Meeting of the said Academic Council was held on the said day, date, and time. Since the members present represented the quorum, the Academic Council began its proceedings as per the agenda.

Members Present:

1.	Dr. Shaila Ghanti, Offg. Principal	- Chairman

Heads/ Incharge of Departments in the College

2.	Dr. Aduja Naik	- Biochemistry
3.	Dr. Starlaine Mascarenhas	- Biotechnology
4.	Mrs. Amisha Shirodker	- Botany
5.	Dr. G. K. Naik	- Chemistry
6.	Dr. Sameena Falleiro	- Computer Science
7.	Dr. Meghana Devli	- Geology
8.	Mr. Anand P. Masur	- Mathematics
9.	Mrs. Malati S. Desai	- Physics
10.	Dr. Nandini Vaz Fernandes	- Zoology
11.	Dr. Debasish Majumdar	- Economics
12.	Prof. Nandkumar N. Sawant	- Geography
13.	Mrs. Sarita S. Naik Tari	- History
14.	Ms. Saroj Usgaonkar	- Philosophy
15.	Dr. Sobita Kirtani	- Psychology
16.	Dr. Sachin Moraes	- Sociology
17.	Mr. Andrew Barreto	- English
18.	Mrs. Carol Baretto Miranda	- French
19.	Ms. Alka Gawas	- Hindi
20.	Dr. Gunaji Desai	- Konkani
21.	Ms. Trupti Fal Desai	- Marathi
22.	Dr. Devashish Bagchi	- Physical Education
23.	Mrs. Poonam Joshi	- Librarian
24.	Mr. Kumaresh V. C.	- Teacher Representative
25.	Dr. Manjita Porob	- Teacher Representative
26.	Dr. Bhanumati Pilli	- Teacher Representative
27.	Mr. Aresh Naik	- Teacher Representative
28.	Mr. D. Prabakaran	- Special Invitee
29.	Mr. Rishikesh Mishra	- Special Invitee
30.	Mr. Lawrie Colaco	- Special Invitee

Nominees on the Academic Council

31.	Prof. Vimal Rarh	- Governing Body Nominee
32.	Dr. Gyan Mudra	- Governing Body Nominee
33.	Dr. Qudsiya Contractor	- Governing Body Nominee
34.	Prof. Ganesha Somayaji	- Goa University Nominee
35.	Prof. Savita Kerkar	- Goa University Nominee

36. Dr. Ananya Das   - Member Secretary and Vice-Principal

Leave of Absence

The following Academic Council members were absent with intimation:

1. Mr. Clinton Vaz   - Governing Body Nominee

The following Academic Council members were absent without intimation:

1. Mr. Shishir Gupta   - Governing Body Nominee
2. Prof. M. S. Dayanand   - Goa University Nominee

Agenda for the Meeting

1. To approve the minutes of the meeting of the Academic Council held on 25th January 2022.

2. To approve the amendment in Ordinance AO-3 i.e. Course Structure of BA and BSc programmes.

3. To approve the proposed Syllabi of various courses of the Undergraduate and Postgraduate Degree Programmes, as recommended by the respective Board of Studies.

4. To approve the proposed addendum to Postgraduate Degree Ordinance AO-5A.5 and Postgraduate Diploma Ordinance AO-9.5.

5. Any Other Business (A.O.B.)

Chairman's Welcome

The Chairman welcomed all the members of the Academic Council and introduced the newly appointed members:

Experts from outside the College nominated by the Governing Body

- Mr. Clinton Vaz
  Chief Executive Officer, V-Recycle/ Repurpose Global,
  Margao-Goa

- Prof. Vimal Rarh
  Department of Chemistry
  Khalsa College,Delhi

- Dr. Gyan Mudra
  Chairperson, Department of Gender Studies,
  Tata Institute of Social Sciences, Hyderabad

- Dr. Qudsiya Contractor
  Faculty Associate,Humanities and Social Sciences,
  IIT, Goa

- Mr. Shishir Gupta
  Chief Executive Officer, StartupLanes,Panaji, Goa

Nominees of Goa University
- Prof. M. S. Dayanand,
  Dean, Goa Business School
- Prof. Ganesha Somayaji
  Dean, D. D. Kosambi School of Social Sciences and Behavioural Studies
- Prof. Savita Kerkar,
  Dean, School of Biological Sciences & Biotechnology,

Four teachers of the College representing different categories of teaching staff
- Mr. Kumaresh V. C.
  Associate Professor,
  Department of Computer Science
- Dr. Manjita Porob
  Associate Professor, Department of Chemistry
- Dr. Bhanumati Pilli
  Assistant Professor, Department of Geography
- Mr. Aresh Naik
  Assistant Professor, Department of Psychology

Subsequently the agenda for the meeting was taken up.

1. **To approve the minutes of the Academic Council meeting held on 25th January 2022.**

   The Member Secretary read out the minutes of the previous Academic Council meeting held on 25th January, 2022 and the following clarifications with respect to resolution passed in Agenda No. 3 of the previous meeting was placed.

   a) Resolution to keep the **Amended B.Voc. Ordinance AO-6** in abeyance for the academic year 2021-22, and to be implemented from the next academic year 2022-2023 onwards for the new batches.
   Dr. Sameena Falleiro, Chairperson, Board of Studies, Computer Science informed the house that the syllabi of skilled component courses has been procured from NASSCOM as per the National Occupational Standards for job roles of Junior Software Development and Web Developer, which will be adopted and implemented from the academic year 2022-2023.

   The house unanimously approved the minutes.

2. **To approve the amendment in Ordinance AO-3 i.e. Course Structure of BA and BSc programmes.**

   Dr. Meghana Devli, Dean of Science, presented the revised course structure to be introduced at the undergraduate level (B.A. and B.Sc.) phase-wise from the academic year 2022-2023. The revised course structure is presented in Annexure A and pertains to Autonomy Ordinance AO-3 (AO-3.1.1, AO-3.1.2, AO-3.2, AO-3.3)

   Resolution : Approved the amendment to Autonomy Ordinance AO-3 (AO-3.1.1, AO-3.1.2, AO-3.2, AO-3.3)

Suggestions :

1. Professional tools to be integrated in the courses of Academic Writing and Research Writing rather than only the theoretical part.
2. 'Core Compulsory' and 'Core Electives' to be renamed as 'Core Course' and 'Elective Course'.

3. **To approve the proposed Syllabi of various courses of the Undergraduate and Postgraduate Degree Programmes, as recommended by the respective Board of Studies.**
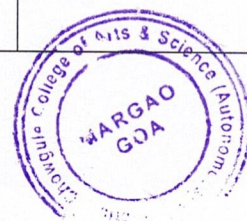
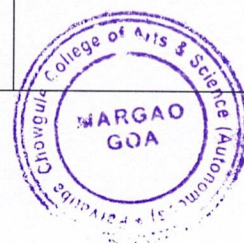| S.N	Subject	Level	(New/ Revised syllabi etc)	Resolution of the Academic Council	Suggestions made by Academic Council/ Clarifications
1	Biochemistry	UG	--Revision in Course Structure --Introduction of new Generic Elective Course i) Contemporary Nutrition	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure B	Include group activities
2	Biotechnology	UG	--Minor revision in practical syllabus for course of Animal Cell Culture --Introduction of 4 New Generic Elective courses i) Mushroom Cultivation ii) Composting Technology iii) Biostatistics iv) Entrepreneurship --Internship programme with startup 'Mushroom Connect'	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure C	-------
3	Botany	UG	--Revision in syllabi of odd semesters --Introduction of new Skill Enhancement Course i)Bioresource Management	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure D	-------
4	Chemistry	UG	--Revision in syllabi	Approved the syllabi as shown in Annexure E1	Look at the greener approaches towards the experiments.
		PG	--Revision in syllabi	Approved the syllabi as shown in Annexure E2	

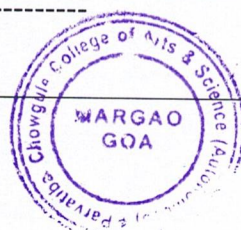| 5	Computer Science	UG	-- Revision in Course Structure --Revision in syllabi of Semester V and VI --Introduction of 3 new Skill Enhancement Courses i) Graphic Design ii) Python Programming (with practicals) iii)Web Development with Flask --Introduction of 4 new Generic Elective Courses i)Introduction to Programming ii)Multimedia iii)E-learning (with practicals) iv)Introduction to Programming (with practicals)	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure F1	Introduce Hands on sessions on any Learning Management System (like Moodle)
		B.Voc. (Software Dev.)	--Revision in syllabi as per NASSCOM guidelines. -- Constituting a separate BOS for B.Voc. (Software Development)	Approved the syllabi as shown in Annexure F2	Provide hands-on training and vacation internship for the B.Voc. students so that they can work with the local industry. A separate BOS cannot be formed as B.Voc. is an integral part of the Department of Computer Science. However the department can invite the experts listed, as special invitees, whenever BOS meetings are conducted.
		M.Sc. I.T.	Revision in syllabus	Approved the syllabi as shown in Annexure F3	----------
		PGD CA	--Revision in course structure --Revision in syllabus	Approved the syllabi as shown in Annexure F4	----------

6	Geology	UG	--Introduction of two Generic Elective Courses- i)Environmental Geology ii)Earth Dynamics and Landforms --Introduction of Skill Enhancement Course- i)Gemmology	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure G	---------
7	Mathematics	UG	--Revision in Course Structure and syllabi. --Introduction of New Elective courses- i)Operations Research I ii)Operations Research	Approved the syllabi as shown in Annexure H	List out the activities offered, in the syllabus
8	Physics	UG	--Revision in Syllabus --Introduction of 3 new Generic Elective Courses- i)Elementary Physics ii)Physics for Life Sciences iii)Introduction to Astronomy --Introduction of 2 new Skill Enhancement Courses- i)Basics of Visualization and Scientific word processing ii)Instrumentation	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure I	Correction from 'General' Elective Course to 'Generic' Elective Course
9	Zoology	UG	--Revision in syllabi --Introduction of new Elective Course for Semester VI i)Reproductive Biology and Technologies	Approved the syllabi as shown in Annexure J	---------
		PG	--Revision in syllabi of Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques	Approved the syllabi as shown in Annexure K	
10	Economics		--Revision in syllabus of Introduction to Industrial Economics	Approved the syllabus and the constituted Academic Audit Panel as shown in Annexure L	Changing of Existing Course Codes is not allowed.

11	Geography	UG (BA)	--Revision in syllabi	Approved the syllabi as shown in Annexure M1	----------
		UG (BSc)	--Introduction of new Courses i)Basics of GIS (GEC) ii)Applied GIS (GEC) iii)Remote Sensing in Environment (SEC) iv)Remote Sensing Application in Environment Management (SEC) v)Basic Concepts in Geography (CC) vi)Coastal Fluvial Geography (CC) vii)Remote Sensing and Photogrammetry (CC) viii)GIS and Application(CC) ix)Geography of Soil Studies (CC) x)Disaster Management (CC)	Approved the syllabi as shown in Annexure M1	
		PG (M.Sc. Geoinformatics)	Revision in syllabi	Approved the syllabi as shown in Annexure M2	
12	History		--Revision in syllabi and Learning Outcomes-based Curriculum Framework (LOCF)	Approved the syllabi and the constituted Academic Audit Panel and -Learning Outcomes-based Curriculum Framework (LOCF) as shown in Annexure N1 and N2 respectively.	------------
13	Philosophy	UG	--Approval of Philosophy and Films as Skill Enhancement Course and Value Education as Generic Elective Course	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure O	------------

14	Psychology	UG	--Revision in syllabi of Semester V and VI --Introduction of a Certificate Course for Third year students of social science • Research Methodology	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure P	Since the college is offering Research Writing Course, care to be taken that the syllabus of certificate course does not overlap with that of Research Writing course.
15	Sociology	UG	-- Introduction of Optional Foundation Course • Fostering Social Responsibility and Community Engagement in Higher Education of India	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure Q	---------
16	English	UG	--Revision in Syllabus of Foundation Course -Academic Writing (changed from 4 Credits to 2 Credits according to the change in Course Structure)	Approved the Syllabus and the constituted Academic Audit Panel as shown in Annexure R	Assign the relevant code for the course.
17	French	UG	No revision	The minutes of BOS were apprised as shown in Annexure S	---------
18	Hindi	UG	--Revision in Syllabi	Approved the syllabi and the constituted Academic Audit Panel as shown in Annexure T1	---------
		PG	--Revision in Course Learning Outcomes	Approved the Course Learning Outcomes as shown in Annexure T2	
19	Konkani	UG	-- No revision in syllabus	The minutes of BOS and the approved panel of Academic Audit are apprised as shown in Annexure U	---------
20	Marathi	UG	--Revision in Syllabi and Course Learning Outcomes	Approved the syllabi and course learning	---------

				outcomes and the constituted Academic Audit Panel as shown in Annexure V	
21	Hospitality and Tourism	Diploma	--Revision in Syllabus of Diploma in Aviation Hospitality and Customer Service	Approved the syllabi as shown in Annexure W	-------

4. To approve the proposed addendum to Postgraduate Degree Ordinance AO-5A.5 and Postgraduate Diploma Ordinance AO-9.5.

New Addition in Postgraduate Degree Ordinance AO-5A.5: The College will conduct a **Special Examination** to provide an opportunity to any student who has completed the fourth semester but has failed to get at least the minimum P grade for passing, in any of the courses of Semester IV for which they have kept term during Semester IV. To improve the grade in that course, this special examination will be conducted after the declaration of results of the regular examinations held at the end of the fourth semester.

New Addition in Postgraduate Diploma Ordinance AO-9.5: The College will conduct a Special Examination to provide an opportunity to any student who has completed the second semester but has failed to get at least the minimum P grade for passing, in any of the courses of Semester II for which they have kept term during Semester II. To improve the grade in that course, this special examination will be conducted after the declaration of results of the regular examinations held at the end of the second semester.

Resolution : Approved. To be implemented for the students registered from the academic year 2022-23.

Suggestions : The course teacher will submit the list of eligible students to the examination cell, depending on the criteria specified in Annexure X.

5. **Any Other Business (A.O.B.)**

   Nil

The meeting ended at 2.15 p.m. with a vote of thanks by the Member Secretary.

Ananya Das

Dr. Ananya Das
Member Secretary
Academic Council

Shaila Ghanti

Dr. Shaila Ghanti
Chairman
Academic Council

Date: 27th June, 2022