

**MINUTES OF THE MEETING OF THE BOARD OF STUDIES IN GEOLOGY
HELD ON APRIL 15, 2023 AT 3:00p.m.**

Vide Chowgule College Notice F.133C/1936 dated 30 March 2023 a virtual meeting of this Board of Studies (BoS) was convened on April 15, 2023 at 03.00 p.m. Since the members present represented the quorum, the BoS began its proceedings.

Minutes are presented in the format.

Members present:

1. Dr. Meghana S Devli– Chairperson
2. Shri. Harish S Nadkarni – Member
3. Mrs. Swati S Ghadi – Member Secretary
4. Mr. Malcolm Afonso – Member
5. Mr. Sachit Kuttikar – Member
6. Dr. Hrishikesh Samant – Nominee of the Vice Chancellor of Goa University
7. Dr. Prakash Narashimha – Academic Council Nominee
8. Mr. Brahmanand Sawant – Postgraduate Meritorious Alumnus

Members absent with intimation:

1. Dr. Makarand Kale – Academic Council Nominee
2. Mr. Smitesh S Talawadkar – Representative from Corporate Sector

Proceedings:

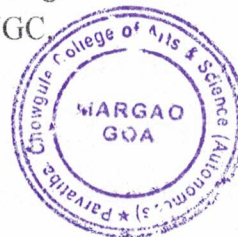
The members of the Board of Studies (BoS) were welcomed. The minutes of the previous meeting held on October 29, 2022 were read out by the Member Secretary and were approved. The Chairperson introduced and explained the agenda for the meeting and the Board transacted the following business:

Agenda:

1. To appraise the course structure as per the UGC guideline for UG Programmes under NEP 2020.
2. To approve the list of courses under the nomenclatures: Core (Major and Minor), Skill Enhancement Course (SEC), Value Added Course (VAC), Multi-Disciplinary Course (MDC), Ability Enhancement Course (AEC), Vocational Course (VOC), whichever is applicable.
3. To approve the syllabi of Semester I and II courses under the new structure.
4. Any other Business (A.O.B.)

AGENDA 1: To appraise the course structure as per the UGC guideline for UG Programmes under NEP 2020.

The Chairperson appraised the members on the approved four-year Undergraduate Honours and Honours with Research Programme structure of the college offering Major, Major-Minor and Double Majors with multiple entry and exit points, based on the guidelines of Curriculum and Credit Framework for Undergraduate Programme given by the UGC



AGENDA 2: To approve the list of courses under the nomenclatures: Core (Major and Minor), Skill Enhancement Course (SEC), Value Added Course (VAC), Multi-Disciplinary Course (MDC), Ability Enhancement Course (AEC), Vocational Course (VOC), whichever is applicable.

The following are the approved list of courses to be offered for a four-year Undergraduate Honours Programme in the subject of Geology. The list maybe subjective to change in the subsequent Board of Studies meetings.

Semester	Course Code	Course Title	Nomenclature	Credits
I	UG-GEL-101	Fundamentals of Geology	DSC	4
	UG-GEL-MDC1	Natural Hazard Management	MDC	3
	UG-GEL-MDC2	Historical Geology	MDC	3
	UG-GEL-SEC1	Exploratory Drilling and Drillhole Data Management	SEC	3
II	UG-GEL-102	Earth Dynamics and Tectonism	DSC	4
	UG-GEL-SEC2	Field Techniques for Geological Mapping	SEC	3
III	UG-GEL-201	Optical Mineralogy	DSC	4
	UG-GEL-202	Stratigraphy and Palaeontology	DSC	4
	UG-GEL-MDC3	Physical Geology	MDC	3
	UG-GEL-SEC3	Gemmology	SEC	3
IV	UG-GEL-203	Mineralogy	DSC	4
	UG-GEL-204	Ore Genesis	DSC	4
	UG-GEL-205	Geotectonics	DSC	4
	UG-GEL-206	Sedimentary Petrology	DSC	4
	UG-GEL-VOC1	Occupational Health and Safety	VOC	4
V	UG-GEL-301	Magma Evolution and Igneous Rock Formation	DSC	4
	UG-GEL-302	Metamorphic Petrology	DSC	4
	UG-GEL-303	Precambrian Stratigraphy of India	DSC	4
	UG-GEL-VOC2	Groundwater Exploration Techniques	VOC	4
VI	UG-GEL-304	Phanerozoic Stratigraphy of India	DSC	4
	UG-GEL-305	Rock Mechanics and Structures	DSC	4
	UG-GEL-306	Surveying and Field Geology	DSC	4
	UG-GEL-PRJ	Minor Project	PRJ	4
	UG-GEL-VOC3	Petroleum Exploration and Techniques	VOC	4
VII	UG-GEL-401	Geochemistry	DSC	4
	UG-GEL-402	Engineering Geology and Geotechnology	DSC	4
	UG-GEL-403	Rock Microstructures and Deformation	DSC	4
	UG-GEL-404	Geophysical Exploration and Mining Methods	DSC	4
VIII	UG-GEL-405	Remote Sensing and Digital Image Processing	DSC	4
	UG-GEL-406	Advanced Igneous Petrology	DSC	4
	UG-GEL-407	Geological Field Training	DSC	4
	UG-GEL-408	Ocean Sciences	DSC	4



AGENDA 3: To approve the syllabi of courses offered at Semester I and II under the new structure.

The syllabus for the Discipline Specific Courses, Multidisciplinary Courses and Skill Enhancement Courses was deliberated on.

AGENDA 4: Any other Business (A.O.B) with the permission of the Chair.

PART A: Resolutions (refer syllabus)

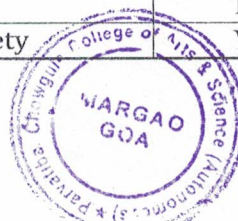
1. The BoS passed a resolution to approve the tentative list of courses to be offered under four-year Undergraduate Honours Programme in the subject of Geology.
2. Resolution was passed to approve the syllabi for Discipline Specific Courses, Multi-Disciplinary Courses and Skill Enhancement Courses to be offered at Semester I and II under the approved new Programme structure and passed a resolution to incorporate it for the batch of students to be enrolled at first year during the academic year 2023-24.

PART B: Important points/recommendations of Board of Studies in Geology that require consideration/approval of Academic Council:

1. To approve the list of courses under the nomenclatures: Core (Major and Minor), Skill Enhancement Course (SEC), Value Added Course (VAC), Multi-Disciplinary Course (MDC), Ability Enhancement Course (AEC), Vocational Course (VOC), whichever is applicable.

The following are the approved list of courses to be offered for a four-year Undergraduate Honours Programme in the subject of Geology. The list maybe subjective to change in the subsequent Board of Studies meetings.

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II	UG-GEL-102	Earth Dynamics and Tectonism	DSC	4
	UG-GEL-SEC2	Field Techniques for Geological Mapping	SEC	3
III	UG-GEL-201	Optical Mineralogy	DSC	4
	UG-GEL-202	Stratigraphy and Paleontology	DSC	4
	UG-GEL-MDC3	Physical Geology	MDC	3
	UG-GEL-SEC3	Gemmology	SEC	3
IV	UG-GEL-203	Mineralogy	DSC	4
	UG-GEL-204	Ore Genesis	DSC	4
	UG-GEL-205	Geotectonics	DSC	4
	UG-GEL-206	Sedimentary Petrology	DSC	4
	UG-GEL-VOC1	Occupational Health and Safety	VOC	4



V	UG-GEL-301	Magma Evolution and Igneous Rock Formation	DSC	4
	UG-GEL-302	Metamorphic Petrology	DSC	4
	UG-GEL-303	Precambrian Stratigraphy of India	DSC	4
	UG-GEL-VOC2	Groundwater Exploration Techniques	VOC	4
VI	UG-GEL-304	Phanerozoic Stratigraphy of India	DSC	4
	UG-GEL-305	Rock Mechanics and Structures	DSC	4
	UG-GEL-306	Surveying and Field Geology	DSC	4
	UG-GEL-PRJ	Minor Project	PRJ	4
	UG-GEL-VOC3	Petroleum Exploration and Techniques	VOC	4
VII	UG-GEL-401	Geochemistry	DSC	4
	UG-GEL-402	Engineering Geology and Geotechnology	DSC	4
	UG-GEL-403	Rock Microstructures and Deformation	DSC	4
	UG-GEL-404	Geophysical Exploration and Mining Methods	DSC	4
VIII	UG-GEL-405	Remote Sensing and Digital Image Processing	DSC	4
	UG-GEL-406	Advanced Igneous Petrology	DSC	4
	UG-GEL-407	Geological Field Training	DSC	4
	UG-GEL-408	Ocean Sciences	DSC	4

2. To approve the syllabi of Semester I and II courses under the new structure:

The syllabus for the Discipline Specific Cores, Multidisciplinary Courses and Skill Enhancement Courses was discussed, deliberated, and approved by the members of the board (refer Syllabus).

3. Flexibility to the Board of Studies in Geology in shuffling/modifying the core/elective courses between/of the semesters of the BSc programme.

The Chairperson thanked the members of the Board of Studies in Geology for their valuable contribution and active participation in the meeting.

The meeting ended with a vote of thanks to the Chair.

The foregoing minutes of the meeting were circulated by the Chairperson, Board of Studies in Geology after the conclusion of the BoS meeting.

The following members of the Board of Studies were present for the meeting:

1. Dr. Meghana S Devli– Chairperson
2. Shri. Harish S Nadkarni – Member
3. Mrs. Swati S Ghadi – Member Secretary
4. Mr. Malcolm Afonso – Member
5. Mr. Sachit Kuttikar – Member
6. Dr. Hrishikesh Samant – Nominee of the Vice Chancellor of Goa University
7. Dr. Prakash Narashimha – Academic Council Nominee
8. Mr. Brahmanand Sawant – Postgraduate Meritorious Alumnus



The meeting was conducted online via link: meet.google.com/yfh-ycos-jhp

Members absent with intimation:

1. Dr. Makarand Kale – Academic Council Nominee
2. Mr. Smitesh S Talawadekar – Representative from Corporate Sector



Mrs Swati S Ghadi
(Member Secretary)



Dr. Meghana S Devli
(Chairperson, Board of Studies, in Geology)

Date: 17 April 2023.

PART C: The remarks of the Dean of the Faculty:

- a. The minutes are in order.
- b. The minutes may be placed before the Academic Council with remark, if any.
- c. Important points of the minutes which need clear policy decision of the Academic Council to be recorded.

Date: 17 April 2023

Signature of the Dean,
Faculty of Science



Dr Meghana S Devli

PART D: The remarks of the Member Secretary of the Academic Council:

- a. The minutes are in order.
- b. The minutes may be placed before the Academic Council with remark, if any.
- c. Important points of the minutes which need clear policy decision of the Academic Council to be recorded.

Date:

Signature of the Member Secretary,
Academic Council



Mr. V. C. Kumaresh

