

PARUL UNIVERSITY

R/Notification - 1476/2024-25

Office of the Registrar
January 23, 2025

NOTIFICATION

Sub: - Revision in the Syllabus and Course Structures of M.Sc. in Geology in Faculty of Applied Sciences from AY 2024-25 onwards

**Ref: (i) Proposal submitted by Dean, Faculty of Applied Sciences and Principal, PIAS
(ii) Approval of the Provost**

PREAMBLE:

Dean, Faculty of Applied Sciences proposed revision in the Syllabus and Course Structures of M.Sc. in Geology in Faculty of Applied Sciences from AY 2024-25 onwards to the Provost for his consideration and approval. The Provost has approved the proposal. Hence, the order.

ORDER:

Particulars of the revision carried out in the syllabus and course structure of M.Sc. in Geology in Faculty of Applied Sciences from AY 2024-25 onwards are enclosed in the Annexure.

Dean, Faculty of Applied Sciences shall arrange to upload revised Syllabus and Course Structures of M.Sc. in Geology in Faculty of Applied Sciences from AY 2024-25 on MIS.

This is subject to the approval of the Academic Council and the Governing Body.

By Order


Registrar

To,

Dean, Faculty of Applied Sciences and Principal, PIAS

Copy to,

- The Controller of Examinations
- Director (IQAC)
- PUMIS Coordinator

Submitted to,

- The President
- The Provost

ANNEXURE

M.Sc. in Geology					
Semester-I					
S. No.	Subject Code	Name of the Subjects	Credits	Name of Subject	Remarks
1	11211101	Mineralogy and Crystallography	3	Mineralogy & Crystallography (11211132)	Credit Change 4 to 3 and Subject Code Change
2	11211102	Earth Surface Processes	3	Earth Surface Processes	No Change
3	11211103	Igneous Petrology	3	Igneous Petrology	No Change
4	11211104	Metamorphic Petrology	3	Metamorphic Petrology	No Change
5	11211105	Sedimentary Petrology and Sedimentology	3	Sedimentology (11211133)	Credit Change 4 to 3
6	11211251	Environmental Geology	3	Environmental Geology (11211110)	Replaced from Sem 4 and 40% Syllabus changed
7	11211106	Lab 1 (Mineralogy and Crystallography)	2	Lab 1 (Mineralogy and Crystallography)	No Change
8	11211107	Lab 2 (Igneous Petrology)	2	Lab 2 (Igneous Petrology)	No Change
9	11211108	Lab 3 (Metamorphic Petrology)	2	Lab 3 (Metamorphic Petrology)	No Change
10	11211109	Lab 4 (Sedimentary Petrology and Sedimentology)	2	Lab 4 (Sedimentary Petrology and Sedimentology)	No Change
		Total	26		

Semester-II					
S.No.	Subject Code	Name of the Subjects	Credits	Name of Subject	Remarks
1	11211150	Structural Geology and Tectonics	3	Structural Geology and Tectonics	No Change
2	11211152	Stratigraphy	3	Stratigraphy	No Change
3	11211153	Paleontology	3	Paleontology	No Change
4	11211154	Remote Sensing and GIS	3	Remote Sensing and GIS	No Change
5	11211155	Marine Geology	3	Marine Geology	40% Syllabus Changed
6	11211253	Engineering Geology	3	Engineering Geology (11211160)	Replaced from Sem 4 and Subject Code Changed
7	11211156	Geological Field Work	4	Field Geology (11211148)	Credit change 2 to 4 and Subject Code Change
8	11211157	Lab 1 Structural Geology and Tectonics	2	Lab 1 Structural Geology and Tectonics	No Change
9	11211158	Lab 2 (Palaeontology)	2	Lab 2 (Palaeontology)	No Change
10	11211159	Lab 3 (Remote Sensing and GIS)	2	Lab 3 (Remote Sensing and GIS)	No Change
		Total	28		
Semester-III					
S.No.	Subject Code	Name of the Subjects	Credits	Name of Subject	Remarks
1	11211201	Economic Geology	3	Ore Geology (11211210)	Subject Name and Subject Code Changed
2	11211202	Mining Geology and Mineral Economics	4	Mining Geology and Mineral Economics	No Change

3	11211203	Geochemistry	4	Geochemistry	No Change
4	11211204	Exploration Geology	4	Exploration Geology	No Change
5	11211205	Hydrogeology	4	Hydrogeology	No Change
6	11211206	Petroleum and Coal Geology	3	Petroleum and Coal Geology	40% Syllabus Changed
7	11211252	Quaternary Geology	3	Instrumentation Techniques in Geology (11211208)	Introduced new Subject
8	11211207	Hydrogeology (Lab 1)	2	Hydrogeology (Lab 1)	No Change
9	(11211209)	Petroleum and Coal Geology (Lab 2)	2	Petroleum and Coal Geology (Lab 2)	Introduced new Subject
		Total	29		
Semester-IV					
S.No.	Subject Code	Name of the Subjects	Credits	Name of Subject	Remarks
1	11211254	Dissertation	17	Dissertation	No Change
2	11211255	Comprehensive Viva-Voice	2	Comprehensive Viva-Voice	No Change
		Total	19		