

Central University of South Bihar

Department of Geology

Minutes of the Board of Studies (BoS) meeting held on 05/03/2025

The Board of Studies meeting of the Department of Geology was held on 5th March, 2025. Following members were present in the BoS Meeting:

1.	Prof. Prafull Kumar Singh Department of Geology, CUSB, Gaya	Chairperson
2.	Prof. T. N. Singh Director, IIT, Patna	External Member
3.	Prof. Dhruv Sen Singh Head, Department of Geology University of Lucknow	External Member
4.	Prof. Durg Vijai Singh Department of Biotechnology, CUSB, Gaya	Cognate Member
5.	Dr. Prashant Associate Professor Department of Environmental Science, CUSB, Gaya	Cognate Member
6.	Dr. K. Milankumar Sharma Department of Geology, CUSB, Gaya	Member
7.	Dr. Vikal Kumar Singh Department of Geology, CUSB, Gaya	Member
8.	Dr. Longjam Kabita Chanu Department of Geology, CUSB, Gaya	Member
9.	Dr. Priti Rai Department of Geology, CUSB, Gaya	Member
10.	Dr. Dharendra Kumar Department of Geology, CUSB, Gaya	Member

At the outset Chairman welcomed all the members of the board. The agenda of the meeting and the actions taken are as follows:

Agenda 1: Approval of course structure and syllabus of Five Year Integrated UG-PG Program in Geology for AY 2025-2026 as per university guideline.

Resolution:

The course structure and syllabus of the five year Integrated UP-PG Program was reviewed by the BoS members as per the guideline and notice no. CUSB/Acad/1-1/2023/AE7419 dated 27.12.2023 'Ordinance Governing Five-Year Integrated UP-PG Programme'.

The BoS committee recommended to start the Five Year Integrated UG-PG Program in Geology with the option of Certificate/Diploma/Degree courses having multiple Entry and Exit options. The program structure / syllabus approved by the BoS members regarding its content and suitability and further approval from the Academic Council. (Annuxure-1).

[Handwritten signatures and names of the members present in the meeting:]
Prof. Prafull Kumar Singh, Prof. T. N. Singh, Prof. Dhruv Sen Singh, Prof. Durg Vijai Singh, Dr. Prashant, Dr. K. Milankumar Sharma, Dr. Vikal Kumar Singh, Dr. Longjam Kabita Chanu, Dr. Priti Rai, Dr. Dharendra Kumar.

- The minor and multidisciplinary courses available on the SWAYAM Portal will be reviewed and student can choose any course from the list approved by the Departmental Committee (DC).
- The evaluation of 6-month dissertation work will be on 30/70 (30% Internal and 70% External evaluation).
- Geological Museum is one of the essential requirements of the Geology programs, committee suggested for the development of Geological Museum in the department.

Agenda 2: Approval of Fee Structure for Five Year Integrated UG-PG Program in Geology

Resolution:

- The BoS Committee review the proposed fee structure and approved as given below.

1 st Year (2025-26)		2 nd Year (2026-27)		3 rd Year (2027-28)		4 th Year (2028-29)		5 th Year (2029-30)	
Sem. 1	Sem. 2	Sem. 3	Sem. 4	Sem. 5	Sem. 6	Sem. 7	Sem. 8	Sem. 9	Sem. 10
10,550	10,550	10,550	10,550	10,550	15,550	10550	10550	10550	10550

- In Semester -6, program have external Field Geology and Field Training (GEL72MJ02504) and for this activity Rs. 5000/- extra fee included. The BoS member recommended that the local field visit may be proposed by the faculty as per the requirement semester wise and the expanses for local visit shall be supported by the university.

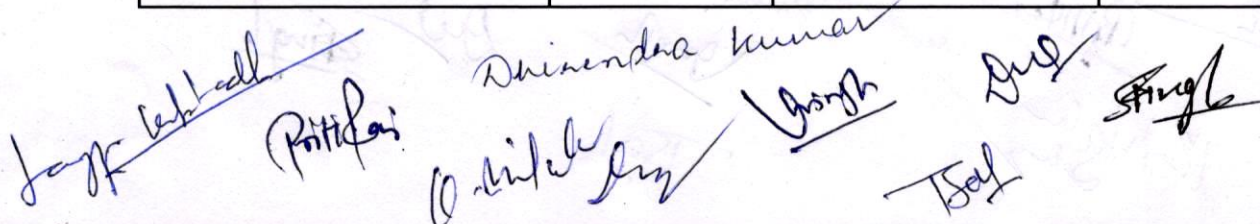
Agenda 3: Approval of minor change in the Course code of running M.Sc. and Ph.D. program (Geology) as per NEP 2020.

Resolution:

- Department of Geology revised the course codes of the M.Sc. Geology program of previous year (2024-26). Therefore, new course code assigned to some courses and same approved by the BoS committee and revised program structure given below.
- The course code of Ph.D. Program (Geology) is also updated as per the requirement and revised codes are approved by the members.

Course Name and Codes of M.Sc. Geology Program

SEMESTER I			
Nature of Course	Course Code	Name of Course	Credit (L+T+P)
Discipline Based Core Course	GEL81DC00104	Applied Geomorphology	3+0+1
Discipline Based Core Course	GEL81DC03604	Mineralogy and Mineral Optics	3+0+1
Discipline Based Core Course	GEL81DC03704	Structural Geology and	3+0+1



		Geotectonics	
Discipline Based Core Course	GEL81DC03804	Igneous and Metamorphic Petrology	3+0+1
Open Elective Interdisciplinary Course	GEL81OE03904	Geo-informatics	3+1+0
Open Elective Interdisciplinary Course	GEL81OE00604	Oceanography	3+1+0
Open Elective Interdisciplinary Course	GEL81SW05204	SWAYAM approved Course	3+1+0
Mandatory Elective Non-Credit Course	GEL81ME00700	Gemology	0

SEMESTER II			
Nature of Course	Course Code	Name of Course	Credit (L+T+P)
Discipline Based Core Course	GEL82DC04004	Marine Geology and Micropaleontology	3+0+1
Discipline Based Core Course	GEL82DC04104	Stratigraphy and Paleontology	3+0+1
Discipline Based Core Course (Skill Based)	GEL82DC01004	Research Methodology	3+1+0
Discipline Based Core Course	GEL82DC04204	Advance Geospatial Technology and Its Applications in Geology	2+1+1
Discipline Based Course Elective	GEL82DE04304	Geohazards and Disaster Risk Reduction	3+1+0
Discipline Based Course Elective	GEL82DE04404	Geophysics and Mineral Exploration	3+1+0
Discipline Based Course Elective	GEL82DE04504	Environmental and Engineering Geology	3+1+0
Mandatory Elective Non-Credit Course	GEL82ME01700	Sustainable Development Goals (SDGs) and role of Geology	0

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SEMESTER III			
Nature of Course	Course Code	Name of Course	Credit (L+T+P)
Discipline Based Core Course	GEL91DC02004	Sedimentology	3+0+1
Discipline Based Core Course	GEL91DC04602	Geological Field	0+0+2
Discipline Based Core Course	GEL91DC02104	Hydrogeology	3+0+1
Discipline Based Core Course	GEL91DC04704	Ore and Mining Geology	3+1+0
Discipline Based Core Elective	GEL91DE04802	Geochemistry and Isotope Geology	2+0+0
Discipline Based Core Elective	GEL91DE04902	Cryosphere and Climate change	2+0+0
Discipline Based Core Elective	GEL91SW05002	SWAYAM approved Course	2+0+0
Open Elective Interdisciplinary Course	GEL91OE02604	Natural Hazard and Disaster Management	3+1+0
Mandatory Elective Non-Credit Course	GEL91ME02700	Geoheritages and Geoparks	0

SEMESTER IV			
Nature of Course	Course Code	Name of Course	Credit (L+T+P)
Discipline Based Core Course	GEL92DC05120	Dissertation	20

Course code changes in current running Ph.D. Geology program

Semester – I		
Course Code	Course Name	Credits
GEL101C0102	Research and Publications Ethics	02
GEL101C0203	Fundamentals of Research Methodology	03
GEL101C0303	Tools and Techniques of Research in Geological Sciences	03
Semester – II		
Course Code	Course Name	Credits
GEL102C0404	Preparation and Presentation of Research Proposal	04

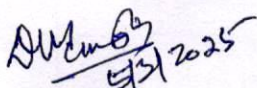
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Agenda 4: Approval of SWAYAM courses for UG and PG semesters

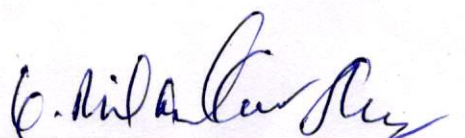
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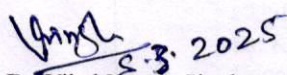
- The committee reviewed the SWAYAM courses for UG and PG students, However DC will finalize the course on the availability basis and to be offer in the different semester. (Annuxure-2)

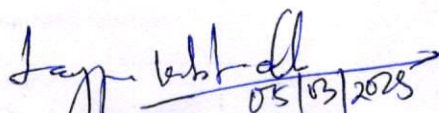
The meeting ended with vote of thanks by the Chairperson



Prof. Durg Vijai Singh
(Cognate Member)

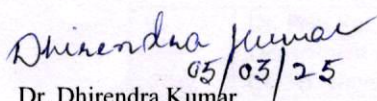

Dr. Prashant
(Cognate Member)

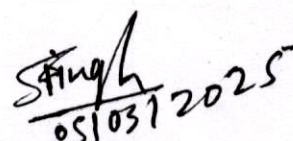

Dr. K. Milankumar Sharma
(Member)


Dr. Vikal Kumar Singh
(Member)


Dr. Longjam Kabita Chanu
(Member)


Dr. Priti Rai
(Member)


Dr. Dharendra Kumar
(Member)


Prof. Prafull Kumar Singh
(Head & Chairperson)

Joined Online

Prof. Dhruv Sen Singh
(External Member)

Joined Online

Prof. T.N. Singh
(External Member)