

BoS approved and ratified the Minutes of the meeting Board of Studies of Dept. of Geology (held on 28 Aug 2024). The details are hereunder and minutes are attached at DGL Annexure 1, 2 & 3.

**Action taken report of Dept. of Geology:**

DGL/BOS/2024/01	M.Sc. Geology programme
<b>Context</b>	<p>Two years M.Sc. Geology programme is currently running under the Department of Geology, in the School of Natural Resource Management (SNRM) since the year 2023, with a total intake of 14 students.</p> <p>Eligibility Criteria for M.Sc Geology Programme: Candidate must have passed Geology at B.Sc. (Hons./Major) level with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD from recognized Indian or foreign University.</p> <p>Details of student list has been attached in DGL annexure-1.</p>
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that student intake can only be increased from next session after developing adequate lab facility and faculty strength.
<b>Resolution by BoS</b>	<b>Approved</b>

*[Signature]*

R. Patel  
28/8/24

Prabhat  
Mishra  
28/8/2024

Jagan Kishore  
28.08.24

Advised  
28/8/2024

*[Signature]*  
28/8/24

*[Signature]*  
28/8/24

*[Signature]*

<b>DGL/BOS/2024/02</b>	<b>Approval of 2 Years M.Sc. Geology Syllabus</b>
<b>Context</b>	Two year M.Sc with total 98-credit with uniform distribution in M.Sc 1 <sup>st</sup> Sem, 2 <sup>nd</sup> Sem & 3 <sup>rd</sup> Sem 25-credits each, and in 4 <sup>th</sup> Sem 23-credits are uniformly distributed. The M.Sc. Geology syllabus has been attached in DGL annexure-2.
<b>BoS (DGL) recommendation</b>	BoS members discussed and praised the present syllabus and referred it as balanced M.Sc. Geology syllabus at par with university standard like IITs/NITS. Some suggestions include <ul style="list-style-type: none"> <li>i. There shall be addition of reference books in Mineral Exploration and Geophysical Investigation paper.</li> <li>ii. Coastal and Glacial geomorphology should be added in Physical Geology and Applied Geomorphology Lab paper.</li> </ul>
<b>Resolution by BoS</b>	<b>Approved</b>

<b>DGL/BOS/2024/03</b>	<b>Requirement of Assistant Professor</b>
<b>Context</b>	Currently, there is one permanent faculty and two temporary faculties in the department: <ul style="list-style-type: none"> <li>i. Dr. Prashant Modi (Permanent)</li> <li>ii. Dr. Sagar Kumar Swain (Temporary)</li> <li>iii. Dr. Roshni Patel (Temporary)</li> </ul> Posts for two Associate Professor, one Professor and one Professor in Practice have been already advertised.
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that as the Department has only one permanent Assistant Professor (01) at present and the Department has practical/lab/field intensive course, with in mineral rich state of Jharkhand, there is urgent requirement of minimum 04 permanent faculty at level of Assistant Professors from different domain of Geology syllabus as per UGC Guidelines.
<b>Resolution by BoS</b>	<b>Approved</b>

R. Patel  
28/8/24

Prashant  
Modi  
20/10/2024

Swain  
28/08/24

Sedra  
28/08/24

Das

Chung  
28/08/24

DGL/BOS/2024/04	Technical Manpower requirement
<b>Context</b>	As lab has costly microscope and other equipments proposed for future, there is technical manpower requirement for the smooth running of the department. At least one Lab Assistant and one Clerk are required for smooth running of the department in its initial phase.
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that there is urgent requirement of two Technical Assistants with scientific knowledge for Geology department to handle various instruments as lab instruments are very costly.
<b>Resolution by BoS</b>	<b>Approved</b>

DGL/BOS/2024/05	Lab information and procurement of specimen samples
<b>Context</b>	There is a well-established lab with 15 Microscopes in the Department. One new lab infrastructure is developed in the Manatu Campus.
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that there is requirement of handheld XRF is highly essential for mineral composition. Further, multi-electrode resistivity meter is required for ground water investigation. These instruments will cover major practical classes.
<b>Resolution by BoS</b>	<b>Approved</b>

R. Patel  
28/8/24

Prashant  
Mishra  
20/08/2024

Shweta  
28.08.24

Shweta

Shweta

Shweta  
28/8/24

<b>DGL/BOS/2024/06</b>	<b>Establishment of Geological Museum</b>
<b>Context</b>	There is a requirement for the Geology Department to establish a Geological Museum to display geological specimens, and provide an information resource for students.
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that establishment of Geological Museum is highly required for Geology Department. This should be at par with IIT-Kharagpur & IIT-ISM Dhanbad. Adequate space and fund may be allocated for the geological museum.
<b>Resolution by BoS</b>	<b>Approved</b>

<b>DGL/BOS/2024/07</b>	<b>To consider Dr. Prashant Modi as eligible for Ph.D. supervision &amp; approval of PhD syllabus for forthcoming session.</b>
<b>Context</b>	As Dr. Prashant Modi is the only permanent faculty in the Department, he is eligible for Ph.D. supervision as per UGC guidelines.
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and approved Dr. Prashant Modi is eligible for Ph.D. supervision and all members approved the Ph.D. syllabus.
<b>Resolution by BoS</b>	<b>Approved</b>

by

R. Patel  
28/8/24

Prashant  
Modi  
28/8/2024

Jhansi  
28.08.24

D. Singh  
S. Singh  
A. Singh  
A. Singh

<b>DGL/BOS/2024/08</b>	<b>Field visit for M.Sc Geology students</b>
<b>Context</b>	A Field visit was conducted for 1 <sup>st</sup> semester students in association with GSI, Kuju every year. This year, Field visits will be planned for both 1 <sup>st</sup> semester and 3 <sup>rd</sup> semester students.
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that minimum 15 days of field visit is required for M.Sc. Geology students for both 1 <sup>st</sup> semester and 3 <sup>rd</sup> semester students. Further, 15 days of field visit can be splitted according to requirement as per concerned subject along with transportation facilities.
<b>Resolution by BoS</b>	<b>Approved</b>

<b>DGL/BOS/2024/9</b>	<b>Miscellaneous</b>
<b>Context</b>	<p><b>a. Financial Grant:</b> Financial grants through Research projects and MOU with prestigious organizations will add glory to the department.</p> <p><b>b. Collaboration:</b> Collaboration with bigger organization such as GSI, CCL, and AMD will be highly helpful.</p> <p><b>c. Development of additional Lab facilities:</b></p> <p><b>d. Requirement of Desktop, Printer etc for Geology department</b></p> <p><b>d. Requirement of smart classroom for the smooth function of theory &amp; Practical classes</b></p>
<b>BoS (DGL) recommendation</b>	BoS members discussed the above agenda and suggested that there is requirement of Desktop, Printer etc, smart classroom for the smooth function of theory & Practical classes for Geology department. Students can encourage to do summer/winter internship at IIT Kharagpur & IIT-ISM Dhanbad.
<b>Resolution by BoS</b>	<b>Noted</b>

R. Patel  
26/8/24

Prashant  
Mishra  
28/8/2024

Jhansi  
28.08.24

D. Singh  
Shivendra

*P. N. S. Roy*

(Prof. P.N.S. Roy)  
External Member

*M. K. Mukherjee*

(Prof. M.K. Mukherjee)  
External Member

*Binita Parthiyal*

(Dr Binita Parthiyal)  
External Member

*R. K. Dey*

(Prof. R. K. Dey)  
Internal Member

*D. Singh*

(Dr Dharmendra Singh)  
Internal Member

*Anurag Linda*  
28/08/2024

(Dr Anurag Linda)  
Internal Member

*C. S. Dwivedi*

(Dr C. S. Dwivedi)  
Internal Member

*Prasant Modi*  
28/08/2024

(Dr Prasant Modi)  
Internal Member

*Roshni Patel*  
28/08/2024

(Dr Roshni Patel)  
Invited member

*Sagar Kumar Swain*  
28.08.24

(Dr Sagar Kumar Swain)  
Invited member

*A. C. Pandey*  
28/8/2024

(Prof. A. C. Pandey)  
Dean & Head, Geology  
Convenor & Chairman, BoS

**HEAD**

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