



UNIVERSITY OF JAMMU

Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

No. F.Acd./II/19/2486-2496

Dated: 26-6-2019.

Subject: -- Minutes of the Meeting of Board of Studies in Geology in the Faculty of Science.

Sir/Madam,

Please find enclosed the copy of the minutes of the meeting of the Board of Studies in Geology in the faculty of Sciences held on 27.05.2019 duly approved by the Vice-Chancellor for your information and further necessary action.

The Minutes of the Board of Studies in Geology is available on the University website: www.jammuuniversity.in

Thanking you,

Yours faithfully,


Assistant Registrar (Academic)

Encl: - As above

Copy to:-

1. Sr. P.A.to the Dean Academic Affairs.
2. Sr.P.A.to the Controller of Examination along with minutes of the meeting.
3. Assistant Registrar (Confidential)

Minutes of the meeting of Board of Studies in Geology held on 27.05.2019 at 11.00 a.m. in the Department of Geology, University of Jammu, Jammu.

PRESENT

1. Prof. Pankaj Kumar Srivastava (Convener)
Department of Geology
2. Prof. Avtar Singh Jasrotia
Department of Geology
3. Prof. S.K.Pandita
Department of Geology
4. Dr. Varun Parmar
Department of Geology
5. Dr. Arjun Singh Rathore
Govt., Degree College, Rajouri

1. **Item No. 1** To confirm the minutes of the meeting of the Board of Studies in **Geology** which was held on 13.09.2018, already circulated.

Resolved that the minutes of the meeting of the Board of Studies Geology held on **13.09.2018** be confirmed.

2. **Item No.2** To review the syllabi and Courses of Studies in the Subject of **Geology** for semester I, II and III under the **Choice Based Credit System** at the Undergraduate level for the examination to be held in the year mention below:-

B.Sc. (Geology)

Semester I	Dec. 2019, 2020 and 2021
Semester II	May 2020, 2021 and 2022
Semester III	Dec. 2020, 2021 and 2022

Resolved that the syllabi and Courses of Studies in the Subject of **Geology** for semester I, II and III under the **Choice Based Credit System** at the Undergraduate level be recommended for approval from the competent authorities for the examination to be held in the year mention below as per Annexure I :-

B.Sc. (Geology)

Semester I	Dec. 2019, 2020 and 2021
Semester II	May 2020, 2021 and 2022
Semester III	Dec. 2020, 2021 and 2022

3. **Item No.3** To indicate the %age of change in the syllabi and courses of study mention in item No.2 on each Papers/Course No.

Resolved that the %age of change in the syllabi and courses of study mention in item No.2 on each Papers/Course No. is approved as given in Annexure II.

4. **Item No. 4** To prepare a panel of paper setters/examiners to be sent to the Controller of Examinations, University of Jammu, Jammu.

Resolved that the members were requested by the Convener, BOS to prepare a panel of paper setters/examiners so that a consolidated list be sent to Controller of Examinations for further necessary action.

5. **Item No. 5** To consider the proposal submitted by Director, Disaster Management Centre to start a Certificate course in Disaster Management under Skill Development

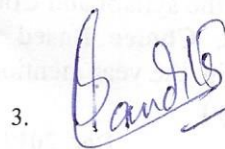
Resolved that the proposal be placed in the next meeting of the BOS in Geology.

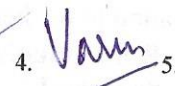
The meeting terminated with the vote of thanks to the Chair.

*if required
Special meeti
will be convened
accordingly
am*

1. 

2. 

3. 

4. 

5. 



UNIVERSITY OF JAMMU, JAMMU
(NAAC ACCREDITED 'A+' GRADE UNIVERSITY)

No. F.Acd/II/18/10598-10606
Dated 17-10-18

Subject:-- Minutes of the Meeting of Board of Studies in Geology in the Faculty of Science

Sir/Madam,

The minutes of the meeting of the Board of Studies in Geology in the Faculty of Science held on 16.07.2018 and 13.09.2018 duly approved by the Vice-Chancellor for your information and further necessary action.

The Minutes of the Board of Studies in *Geology* is available on the University website: www.jammuuniversity.in

Thanking you,

Yours faithfully,


Assistant Registrar (Academic)



Copy to: -

1. Sr. P.A.to the Dean Academic Affairs.
2. Sr.P.A.to the Controller of Examination along with minutes of the meeting.
3. Assistant Registrar (Confidential)
4. Incharge, University Website for necessary action please

Minutes of the meeting of Board of Studies in Geology held on 16.07.2018 at 11.00 a.m. in the Department of Geology, University of Jammu, Jammu.

PRESENT

1. Prof. Pankaj Kumar Srivastava (**Convener**)
Department of Geology
2. Prof. Avtar Singh Jasrotia
Department of Geology
3. Prof. S.K.Pandita
Department of Geology
4. Dr. Varun Parmar
Department of Geology
5. Dr. Arjun Singh Rathore
Govt. Degree College, Rajouri
6. Mr. Vimal
Govt., Degree College for Boys, Kathua

ITEM No. 1. To confirm the minutes of the meeting of the Board of Studies in Geology which was held on 19/3/2018 and 09/04/2018, already circulated.

RESOLVED that the minutes of the meeting of the BOS Geology held on 19/03/18 and 09/04/18 be confirmed.

ITEM No.2. To Finalize the syllabi and courses of Studies in the Subject of Applied Geology of Master Degree Programme from I to IV semesters under the Choice Based Credit System for the examinations to be held in the year mentioned below: -

M.Sc. Applied Geology

Semester I	Dec.2018, 2019 and 2020
Semester II	May 2019, 2020 and 2021
Semester III	Dec. 2019, 2020 and 2021
Semester IV	May 2020, 2021 and 2022

RESOLVED that the courses of studies and syllabus for M.Sc. in Applied Geology under Choice Based Credit System at Master Degree Programme from I to IV Semesters as reviewed and approved for the following years as per the annexure -I.

M.Sc. Applied Geology

Semester I	December 2018, 2019 and 2020
Semester II	May 2019, 2020 and 2021
Semester III	December 2019, 2020 and 2021
Semester IV	May 2020, 2021 and 2022

Further the Convener BoS is authorised to send the detailed syllabus of different semesters for approval of the competent authority.

ITEM No.3. To Finalize the syllabi and courses of Studies in the Subject of **Geology(HSD)** of Master Degree Programme from I to IV semester under the **(Non-CBCS Scheme)** at the Kishtwar Camøpus for the examinations to be held in the year mentioned below: -

M.Sc.Geology (HSD)


Semester I	Dec.2018, 2019 and 2020
Semester II	May 2019, 2020 and 2021
Semester III	Dec. 2019, 2020 and 2021
Semester IV	May 2020, 2021 and 2022

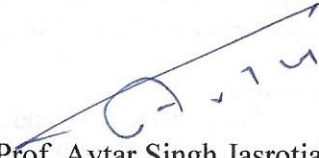
RESOLVED that the existing syllabus be continued for the next academic year 2018-19 only i.e. for the examinations to be held in December 2018 (Semester I); May 2019 (Semester –II); December 2019 (Semester III) and May 2020 (Semester IV). Further it was also resolved that for the academic year 2019-20 onwards the Convener BOS in Geology be authorised to constitute a subcommittee to review into the complete course structure, syllabus and modalities for M.Sc. Geology (HSD), keeping in view the poor response for the course.


ITEM NO.4. To prepare a panel of paper setters/examiners to be sent to the Controller of Examinations, University of Jammu, Jammu.

RESOLVED that the Convener, BOS be authorized to prepare a panel of paper setters/examiners.


The meeting terminated with the vote of thanks to the Chair.

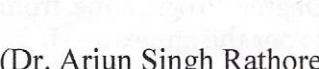
1. 
(Prof. Pankaj K. Srivastava)

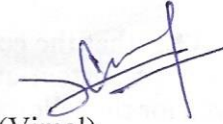
2. 
(Prof. Avtar Singh Jasrotia)

3. 
(Prof. S.K. Pandita)

Please consider my comments on the structure of the courses.

4. 
(Dr. Varun Parmar)

5. 
(Dr. Arjun Singh Rathore)

6. 
(Vimal)

Minutes of the meeting of Board of Studies in Geology held on 13.07.2018 at 3.00 a.m. in the Department of Geology, University of Jammu, Jammu.

PRESENT

1. Prof. P. K. Srivastava (Convener)
2. Prof R. K Ganjoo
3. Prof. Avtar Singh Jasrotia
4. Prof. S.K.Pandita
5. Dr.Varun Parmar

ITEM No. 1. To discuss the courses of studies for M.Sc. (Applied Geology) under CBCS system as per the observation of the Hon'able Vice Chancellor.

The members were informed about the comments of one member endorsed by another member on the minutes of the meeting of BoS held on 16.07.2018. Prof S. K. Pandita was of the view that more electives be offered to the students in Semester III and IV, however, keeping in view the available infrastructure all other members were of the view that this may not be possible during this period. After Thread bare discussions on the courses of studies, it was resolved with majority that the courses of studies and syllabus for M.Sc. in Applied Geology under Choice Based Credit System at Master Degree Programme from I to IV Semesters as reviewed and approved for the following years as per the annexure -I.

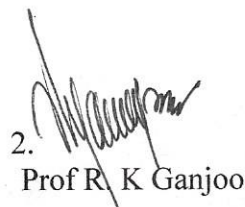
M.Sc. Applied Geology

Semester I	December 2018, 2019 and 2020
Semester II	May 2019, 2020 and 2021
Semester III	December 2019, 2020 and 2021
Semester IV	May 2020, 2021 and 2022

Further the Convener BoS is authorised to send the detailed syllabus of different semesters for approval of the competent authority.


The meeting terminated with the vote of thanks to the Chair.

1. 
(Prof. P K Srivastava)

2. 
Prof R. K Ganjoo

3. 
(Prof. A S Jasrotia)

4. 
(Prof. S.K.Pandita)

5. 
(Dr. Varun Parmar)

As already stated in writing on the minutes of meeting of BOS in Geology dtd. 16.7.18 that metamorphic geology is one of the fundamental courses and can not be kept as an elective. In the meeting I also raised objection on keeping Env. geology & fundamentals of Remote Sensing & GIS as core courses which should be rather elective courses. Besides, two relevant and important courses (Coal geology and Petroleum Geology) in Sem-III have been clubbed together and (D.T.O)

students can opt only for one course out of these
thereby restricting their choice. Also in Sem-IV course
NOS 412 & 417 and 415 & 416 have been clubbed together.
Restriction of the choice in elective courses is against
the spirit of the scheme. Hence undersigned
does not agree with the minutes of the meeting.

D. S. S.

**COURSE STRUCTURE FOR M.Sc. (Applied Geology) UNDER CBCS
for the Sessions 2018-19, 2019-20 and 2020-2021**

Semester	Proposed *Course No	Course Title	Credit	Type of Course	Total Credit	Remarks
SEMESTER - I						
	PSAGTC111	Clastic Sedimentology	2	CORE	24	
	PSAGTC112	Fundamentals of Remote Sensing & GIS	2	CORE		
	PSAGTC113	Geomorphology	2	CORE		
	PSAGTC114	Mineralogy	4	CORE		
	PSAGTC115	Stratigraphy	4	CORE		
	PSAGTC116	Structural Geology	2	CORE		
	PSAGLC117	Practical (111,112 &116)	4	CORE		
	PSAGLC118	Practical (114,115 & local weekend field report)	4	CORE		
SEMESTER - II						
	PSAGTC211	Environmental Geology	2	CORE	24	
	PSAGTC212	Geohydrology	4	CORE		
	PSAGTC213	Geotectonics	2	CORE		
	PSAGTC214	Igneous Petrology	2	CORE		
	PSAGTC215	Invertebrate Palaeontology	2	CORE		
	PSAGTC216	Non-Clastic Sedimentology	2	CORE		
	PSAGTC217	Ore Geology	2	CORE		
	PSAGLC218	Practical (212,213,214 & Two weeks geological field)	4	CORE		
	PSAGLC219	Practical (215,216, 217 & two weeks geological field's report)	4	CORE		
SEMESTER - III						
	PSAGTE311	Applied Hydrology	2	ELECTIVE	24	Student will have to select one elective out of 312 and 316
	PSAGTE312	Coal Geology	2	ELECTIVE		
	PSAGTE313	Geochemistry	2	ELECTIVE		
	PSAGTE314	Metamorphic Petrology	2	ELECTIVE		
	PSAGTE315	Oceanography	2	ELECTIVE		
	PSAGTE316	Petroleum Geology	2	ELECTIVE		
	PSAGTE317	Vertebrate Palaeontology	2	ELECTIVE		
	PSAGTO318	Fundamentals of Geology	4	OPEN CHOICE		For students from other departments
	PSAGLC319	Practical (311, 312/316, 313 & Two weeks geological field)	4	CORE		
	PSAGLC310	Practical (314,317 and two weeks geological field's report)	4	CORE		
SEMESTER - IV						
	PSAGTE411	Application of Remote Sensing in Geology	2	ELECTIVE	24	Student has to choose two elective papers selecting at least one paper each out of 412 & 417 and 415 & 416
	PSAGTE412	Cryosphere & Climate Change Science	2	ELECTIVE		
	PSAGTE413	Engineering Geology	2	ELECTIVE		
	PSAGTE414	Geo-exploration	4	ELECTIVE		

See *Annexure* *Annexure*

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PSAGTE415	Micropalaeontology and Palaeobotany	2	ELECTIVE	
PSAGTE416	Gemology	2	ELECTIVE	
PSAGTE417	Sedimentary Basin Analysis	2	ELECTIVE	
PSAGTO418	Geohazards and Disaster Management	4	OPEN CHOICE	For students from other departments
PSAGLC419	Practical – 1 (411,413 and weekly seminar)	4	CORE	
PSAGLC420	Practical – 2 (414, 415/416)	4	CORE	

Evaluation Scheme

The students shall be continuously evaluated during the conduct of each course on the basis of their performance as follows:

Examination (theory)	Syllabus to be covered in the examination	Time allotted for the examination	% Weightage (Marks)
Minor Test I (after 30 days)	Up to 25 %	1 hour (2 credits)	10 (for 2 credits)
Minor Test II (after 60 days)	Up to 50 %	1½ hour (4 credits)	20 (for 4 credits)
Major Test (after 90 days)	Up to 100 %	2½ hour (2 credits) 3 hour (4 credits)	30 (for 2 credits) 60 (4 credit course)

Guidelines for setting of question papers

For TWO Credit Courses	For FOUR Credit Courses
<p>Minor test -1 (25% weightage for unit 1), Time - 01 hour Question 1: 5 multiple choice type question (5 marks) to be set from Unit 1 Question 2: Two short answer types questions (5 marks) to be set from Unit 1</p> <p>Minor test 2 (Up to 50% syllabus) Time: 01 hour (80% weightage for unit 2 and 20% for Unit 1), Question 1: 5 multiple choice type question (5 marks) Question 2: 2 short answer types questions (5 marks)</p>	<p>Minor test 1 (25% weightage for first 5 sub-units (1.1 - 2.1), Time : 01 hour Question 1: 10 multiple choice type question (10 marks) to set from first 5 sub-units(1.1 - 2.1) Question 2: Two short answer types questions (10 marks) from first 5 sub-units (1.1 - 2.1)</p> <p>Minor test 2 (Up to 50% syllabus) Time : 01 hour 80% weightage for second 5 sub-units (2.2 - 3.2) and 20% weightage for first 5 sub-units i.e. 1.1 -2.1). Question 1: 10 multiple choice type question (10 marks) to be set from second 5 sub-units(2.2 - 3.2) Question 2: Two short answer types questions (10 marks) from second 5 sub-units (2.2-3.2)</p>
<p>Major Test (80% weightage for units 3 & 4 and 20% weightage for units 1 & 2), Time allowed : 2 ½ hours Question 1: 10 multiple choice type question (10 marks) to set equally from Units 3 & 4 Question 2: 4 short answer questions (a-d, 10 marks) to be set from Units 1 & 2 (6 marks) and from Units 3 & 4 (4 marks) Question 3: One long answer type question (Essay type) with internal choice (10 marks) to be set from Units 3 & 4 only</p>	<p>Major Test (80% weightage for last 10 sub-units (3.3 - 5.4), and 20% weightage for the first 10 sub-units (1.1 to 3.2). Time allowed 03 hours Question 1: 10 multiple choice type question (15 marks) to be set from the first 10 sub-units (3 marks) and from the last 10 subunits (12 marks) Question 2: 5 short answer questions (15 marks) to be set from first 10 sub-units (09 marks) and from the last 10 sub-units (06 marks) Questions 3 & 4: two long answer type questions (Essay type) with internal choice (15 marks each) to be set from the last 10 sub-units only.</p>

Sudhan
(P.K. Srivastava)

A. S. Jaiswal
(A. S. Jaiswal)

CRK Group
(CRK Group)

Vijay
(Vijay Parmar)