



Shri Guru Ram Rai University

DEHRADUN-208001 INDIA

[Estd. by Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act no. 03 of 2017 & recognized by UGC u/s (2f) of UGC Act 1956]

4th Meeting of the Board of Studies (BoS) as per NEP

School of Basic & Applied Sciences

Department of Geology

To be held on 3rd July 2023 at 11 AM in the SBAS Campus, Patel Nagar, SGRR University, Dehradun.

Agenda

Item No.	Item	Annexure No.
4.1	To confirm the minutes of Third Board of Studies in Geology held on 9th January 2022.	4.1
4.2	To report the actions taken on the decisions taken in the 2 nd Meeting of the BOS held on 29th June 2021.	4.2
4.3	Implementation of NEP-2020 from the Academic Session 2023-24 & Inclusion and finalization of Program outcomes (POs), Program specific outcomes (PSOs), Course outcomes (COs) of B.Sc. (Geology as per NEP 2020 and CBCS).	4.3
4.4	Re-distribution of courses for all semesters in B.Sc. (Geology as per NEP guidelines) as per NEP for the Academic Session 2023-24.	4.4
4.5	Allotment and description of course code and credits to different courses in the UG programme for all semesters.	4.5
4.6	Medium of instruction, question paper pattern, medium of examination, and duration of examination, allotment of marks in internal and external exams.	4.6
4.7	Evaluation pattern and distribution of marks.	4.7
4.8	Redistribution of credits of UG and PG (M.Sc. Geology), Course of all semester	4.8
4.9	Eligibility criteria of PG (M.Sc. Geology) Course	4.9
4.10	Modification of pre- Ph.D .course work	4.10
4.11	Any other item with the permission of the Chair	4.11


(Dr. Arun Kumar)

CHAIRPERSON BoS



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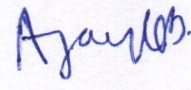
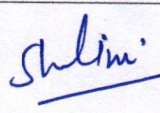

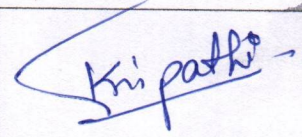
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To be held on 3rd July 2023 at 11 AM in the SBAS Campus, Patel Nagar, SGRR University, Dehradun.

ATTENDANCE SHEET

The following members were present:

S.N	Members	Signature
1	Prof. (Dr.) Arun Kumar (Chairperson)	
2	Prof. (Dr.) A.K. Biyani (External Expert)-1	
3	Mrs. Shalini Kumari (Member)	
3	Mr. Sanjay Singh Negi (Member)	
4	Dr. Kavita Tripathi (Convenor)	



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MINUTES OF MEETING

A meeting of all the members of the Board of Studies in Geology was held on 3rd July 2023 from 11 AM onwards at School of Basic & Applied Sciences, Shri Guru Ram Rai University, Patel Nagar, Dehradun. The following members were present:

1. Prof. (Dr.) Arun Kumar, Dean, School of Basic & Applied Sciences, Shri Guru Ram Rai University, Dehradun (Chairperson)
2. Prof. (Dr.) A.K. Biyani (Retd.), Department of Geology, DBS(PG) College, Dehradun (External Expert) *Ajay*
3. Dr Kavita Tripathi, Department of Geology, School of Basic & Applied Sciences, Shri Guru Ram Rai University, Dehradun (Convenor) *Krispathi*
4. Mrs. Shalini Kumari, Department of Geology, School of Basic & Applied Sciences, Shri Guru Ram Rai University, Dehradun (Member) *shlini*
5. Mr. Sanjay Singh Negi, Department of Geology, School of Basic & Applied Sciences, Shri Guru Ram Rai University, Dehradun (Member) *S*

PROCEEDINGS AND RESOLUTIONS:

The members of the BOS discussed the agenda item wise and resolutions were made accordingly

Agenda No. 4.1: To confirm the minutes of third Board of Studies in Geology held on 9th January 2022.

Resolution: The board confirmed and approved the Second Board of Studies meeting held on 9th January 2022.

Agenda No.4.2: To report the actions taken on the decisions taken in the 2nd Meeting of the BOS held on 29th June 2021.

Resolution: The board confirmed and approved the actions taken on the decisions in the last Board of Studies meeting held on 29th June 2021.

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Agenda No. 4.3: Implementation of NEP-2020 from the Academic Session 2023-24 & Inclusion and finalization of Program outcomes (POs), Program specific outcomes (PSOs), Course outcomes (COs) of B.Sc. (Geology as per NEP 2020)

Resolution: It was recommended by the members of the board that from the academic session 2022-23 implementing NEP in the UG course and course outcomes should be included in the curriculum. The Program outcomes (POs), Program specific outcomes (PSOs), Course outcomes (COs) for B.Sc. Geology were discussed in detail with the honorable members and all the members resolved to approve the same from the honorable external expert.

Agenda No. 4.4: To consider distribution of courses for all semesters in bachelor of science or Bachelor of Science (Hons) with research (as per NEP guidelines) for the Academic Session 2023-24

Resolution: The distribution of courses for all semesters in the UG program as per NEP 2020 was discussed in detail with the honorable members and it was resolved to approve and implement the same for the academic session 2023-24 with the recommendation to revise the course contents in future.

Agenda No. 4.5: Allotment and description of course code and credits to different courses in the UG Programme for all semesters.

Resolution: The course codes in the UG programme were allotted as per Uttarakhand State Govt. Guidelines and University norms and all the members resolved to approve the same. The credit system in the UG was approved as per UGC norms/NEP guidelines. The theory lectures were of 3 credits each and lab course was of 1 credit for UG course programme.

Agenda No. 4.6: Modifications in the pre-PhD Syllabus for the academic session 2023-24.

Resolution: In the syllabus of the pre-PhD course Modification

Agenda No. 4.7: Medium of instruction, question paper pattern, medium of examination, and duration of examination, allotment of marks in internal and external exams.

Resolution:

- ❖ The members were of the view and recommended that the medium of instruction would be English medium/Hindi medium for UG Course program as per SGRR University norms.
- ❖ It was resolved by all the members that the duration of the End term examination would be as per the guidelines issued by the Board of Examination SGRR University from time to time including the duration of Lab Course examinations.
- ❖ Each paper would be of 100 marks. The distribution of mid-term and end term examination marks will be as per guidelines issued by the Board of Examination SGRR University from time to time.

Ajay B.S. *S. Shrivastava* *Kripasthi*



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Agenda No. 4.8: Redistribution of PG (M.Sc. Geology) course of all semester.

Resolution: All the members of BoS were of the view that the re-distribution of credits (Theory -03, Lab -04) for PG course in all semester.

Agenda No. 4.9: Eligibility Criteria of PG (M.Sc. Geology) Course.

Resolution: All the members of Bos were of view that the eligibility criteria of PG shall be undergraduate degree in any branch of science or engineering with Geology as one of subject, after the completion of 10+2 scheme with minimum qualifying marks 45%.

Agenda No. 4.10: Evaluation pattern and distribution of marks

Resolutions: All the members of BOS were of the view that the evaluation pattern and distribution of marks should be at par with other subjects and should follow university norms to bring uniformity.

Agenda No. 4.11: Modification of pre-PhD course work syllabus in Geology.

Resolution: All the member of BoS were of the view that inclusion of modification of pre-PhD course syllabus in Geology.

The meeting ended with the vote of thanks.

Prof. (Dr.) A.K. Biyani
(External Expert)

Prof. (Dr.) Arun Kumar
(Chairperson)

Mrs. Shalini Kumari
(Member)

Mr. Sanjay Singh Negi
(Member)

Dr Kavita Tripathi
(Convenor)

Basic Structure of UG Multidisciplinary Program (with Three Core Disciplines) –

Type of Course

Discipline Specific Core (DSC)

Discipline Specific Elective (DSE)

General Elective (GE)

Ability Enhancement Courses (AEC)

Skill Enhancement Course (SEC)

Internship/Apprenticeship / Project/ Community Outreach (IAPC)

Value Addition course (VAC)

Sem	Core - Discipline Specific Core (DSC)	Elective - Discipli ne Specific Elective (DSE)	Elective - Generic Elective (GE)	Ability Enhancement Course (AEC)	Skill Enhancem ent Course (SEC)	(Internsh ip /Apprenti ceship / Project/ Communi ty Outreach) (IAPC)	Value Addition Course (VAC)	Total credit s
	Course/credit distribution (Credits 4)	Course/ credit distribu tion (Credits 4)	Course/ credit distribu tion	Course/ credit distribution (Credits 2)	Course/cre dit distributio n (Credits 2)	course/ credit distributi on (Credits 2)	Course/ credit distributi on (Credits 2)	22
1	DSC A (Botany/Physi cs) 1- (4) DSC B (Zoology/Mat hs) 1- (4) DSC C (Geology)1- (4) (3T+1L) *Either PMG or ZBG combination is allowed		Choose one from a pool of courses GE – 1 (4)	AEC – 1 (2)	Choose one from a pool of courses SEC – 1 (2)		Choose one from a pool of courses VAC – 1 (2)	22

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2	DSC A (Botany/Physics) 2- (4) DSC B (Zoology/Maths) 2- (4) DSC C (Geology)2- (4) (3T+1L) *Either PMG or ZBG combination is allowed		Choose one from a pool of courses GE - 2 (4)	AEC - 2 (2)	Choose one from a pool of courses SEC - 2 (2)	Choose one from a pool of courses VAC - 2 (2)	22
<i>Students on exit shall be awarded Undergraduate Certificate (in the field of Multidisciplinary study) after securing requisite 44 credits in semester I & II</i>							Total= 44
3	DSC A(Botany/Physics) 3- (4) DSC B (Zoology/Maths) 3- (4) DSC C (Geology) 3- (4) (3T+1L) *Either PMG or ZBG combination is allowed	Choose one from a pool of courses, DSE A/B/C (4) OR GE - 3 (4) (4 T/or 3T+1L/or 2T+2L) OR MOOC	AEC - 3 (2)	Choose one from SEC 3 - (2) OR Internship/ Apprenticeship / Project/ Community Outreach (IAPC) - (2)	Choose one from a pool of courses VAC - 3 (2)	22	
4	DSC A(Botany/Physics) 4- (4) DSC B (Zoology/Maths) 4- (4) DSC C (Geology)4- (4) (3T+1L) *Either ZBG or PMG combination is allowed	Choose one from a pool of courses, DSE A/B/C (4) credits) OR GE - 4 (4) (4 T/or 3T+1L/or 2T+2L) OR MOOC	AEC - 4 (2)	Choose one from SEC 4 - (2) OR Internship/ Apprenticeship / Project/ Community Outreach (IAPC) - (2)	Choose one from a pool of courses VAC - 4 (2)	22	
<i>Students on exit shall be awarded Undergraduate Diploma (in the field of Multidisciplinary study/Discipline) after securing requisite 88 credits in semester III & IV</i>							Total= 88

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5	DSC A (Botany/Physics) 5- (4) DSC B (Zoology/Maths) 5- (4) DSC C (Geology)5- (4) (3T+1L) *Either PMG or ZBG combination is allowed	Choose one from a pool of courses, DSE A/B/C (4) credits) (3T+1L/or 2T+2L) OR MOOC	Choose one from a pool of courses GE – 5 (OR MOOC 4)	Internship/Apprenticeship / Project/ Community Outreach (IAPC) – (2)	22
6	DSC A (Botany/Physics) 6- (4) DSC B (Zoology/Maths) 6- (4) DSC C (Geology)6- (4) (3T+1L) *Either PMG or ZBG combination is allowed	Choose one from a pool of courses, DSE A/B/C (4) credits) (3T+1L/or 2T+2L) OR MOOC	Choose one from a pool of courses GE – 6 (4) OR MOOC	Choose one from SEC 5 – (2) OR Internship/Apprenticeship / Project/ Community Outreach (IAPC) – (2)	22
Students on exit shall be awarded Bachelor of Science (in the field of Multidisciplinary study/Discipline) after securing the requisite 132 credits on completion of semester VI					Total= 132
7	DSC A/B/C 7 - (4) (3T+1L)	Choose 3 DSE (3x4) courses OR Choose 2 DSE – (2x4) and one GE (4) course OR Choose 1 DSE (4) and 2 GE (2x4) courses (Total= 12)		Dissertation on Major/Minor (4+2) OR Academic Project/ Entrepreneurship (4+2)	22
8	DSC A/B/C 8 - (4) (3T+1L)	Choose 3 DSE (3x4) courses OR Choose 2 DSE – (2x4) and one GE (4) course OR Choose 1 DSE (4) and 2 GE (2x4) courses (Total= 12)		Dissertation on Major/Minor (4+2) OR Academic Project/ Entrepreneurship (4+2)	22

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<i>Students on exit shall be awarded Bachelor of Science (in the field of Multidisciplinary study/Discipline) (Honours with Research or Honours with Academic project/Entrepreneurship) after securing requisite 176 credits on completion of semester VIII</i>	Total = 176
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Course Introduction:

The modified curriculum of Bachelor of Science OR Bachelor of Science (Hons) with Research offers one year certificate, two-year diploma, three-year degree and four year Degree in (Hons) with Research after securing required credits as per the Curriculum and credit framework for Undergraduate program guidelines by NEP2020 and UGC.

Eligibility Criteria for Admission: The candidate must have passed 10+2 with relevant field as a compulsory subject from a recognized board or its equivalent with minimum 45% marks.

No. of Seats in B.Sc. (PMG/ZBG)- 20

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