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First Meeting of the Curriculum Development Committee: M.Sc. Geology


Minutes of the first Meeting of the Curriculum Development Committee (CDC) of M.Sc. Geology Programme (2020-21) held on 26th November 2019 at 10.30 am at Central University of Tamil Nadu, Thiruvarur.

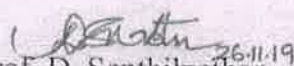
The following Members attended the CDC Meeting:

1	Prof. J. P. Shrivastava	Subject Expert-
2	Prof. D. Senthilnathan	Subject Expert-Member
3	Prof. B. Gurugnanam	Subject Expert-Member
4	Prof. Sulochana Shekhar	Dean, SES – Chairperson and Convenor

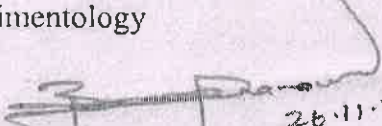
At the outset, the Convenor of the CDC welcomed the External Members and outlined the objectives of the CDC Meeting.

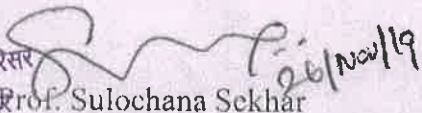
1. The CDC Members discussed in detail the course-contents of various universities and finalized the outline of the Course Structure and the detailed syllabi for the new programme M.Sc. Geology (72 credits), with core courses and elective courses to be taught in M.Sc. Geology programme based on Choice Based Credit System (Attached along with this Minutes). The Members of the Committee unanimously approved the syllabus frame prepared for submitting it to the Academic Council.
2. The Committee recommended to establish the following laboratories
 - (1) Microscopy lab
 - (2) Geo chemistry lab
 - (3) Computer lab (Geo computational)
 - (4) Palaeontology and Sedimentology and Earth Sciences Museum
3. The members of the committee recommended that out of 4 Assistant Professor Posts. Two posts be reserved for 1) Minerology/petrology/ Geochemistry 2) Structural Geology/ Palaeontology/Stratigraphy/Sedimentology


Prof. J.P. Shrivastava
(Member)


Prof. D. Senthilnathan
(Member)


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Tamil Nadu / தமிழ்நாடு


Prof. B. Gurugnanam
(Member)


Prof. Sulochana Sekhar
(Convenor)



Department of Geology, School of Earth Sciences
Syllabus Frame: M.Sc. Geology (02-year program)

Sem ester	Courses		Credits				Assessment	
	Code	Title	L	T	P	Total	CIA	ESE
First Year								
I	GLYCC01	Physical Geology & Geomorphology				3	40	60
I	GLYCC02	Structural Geology and tectonics				3	40	60
I	GLYCC03	Minerology, Optical Minerology and Crystallography				4	40	60
I	GLYCC04	Geochemistry				3	40	60
I	GLYCP01	Structural Geology				2	60	40
I	GLYCP02	Crystallography & Minerology Geochemistry				3	60	40
I	GE	Generic Elective +						
			Total			18	600	
II	GLYCC05	Stratigraphy				3	40	60
II	GLYCC06	Igneous and metamorphic Petrology				4	40	60
II	GLYCC07	Sedimentology				3	40	60
II	GLYCC08	Palaeontology				4		
II	GLYCP03	Igneous and metamorphic petrology				2	60	40
II	GLYCP04	Sedimentology & Palaeontology				2	60	40
II	GE	Generic Elective+						
			Total			18	600	
Second Year								
III	GLYCC09	Economic Geology				4	40	60
III	GLYCC10	Hydrogeology and Engineering geology				4	40	60
III	GLYCC11	Computer Geology and Geostatistics				4	40	60
III	GLYCP05	Economic Geology				2	40	60
III	GLYCP06	Hydrogeology				2	40	60
III	GLYCP07	Geological Field Study				2	40	60
			Total			18	600	
IV	GLYCC12	Exploration Geology				3	200	
IV	GLYCC13	Remote Sensing and GIS				4	100	
IV	GLYCP08	Remote Sensing and GIS				2	100	
IV	GLYCC14	Dissertation				6	200	
IV	DSE	1. Oceanography & Marine Geology 2. Mining geology 3. Fuel Geology 4. Environmental Geology 5. MOOC/ SWAYAM /NPTL Course				3	100	
			Total			18	700	
			Grand Total			72 +	2500 +	
CC: Core Course			CP: Core Practical					
DSE: Discipline Specific Elective			GE: Generic Elective					
MOOC: Massive Open Online Course			+ Students will opt from other departments					

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26.11.19

26.11.19

26.11.19



HOD Geography, CUTN <hodgeo@cutn.ac.in>

Minutes of the Meeting - CDC Meeting -M.Sc. Geology held on 26-11-2019 reg.

HOD Geography, CUTN <hodgeo@cutn.ac.in>

Wed, Nov 27, 2019 at 12:37 PM

To: jpshrivastava.du@gmail.com, senthil.esc@pondiuni.edu.in, gurugis4u@gmail.com

Cc: "Dr. Sulochana Shekhar, Professor, Dept. of Geography" <sulochana@cutn.ac.in>, "Academics Office, CUTN" <academics@cutn.ac.in>

Dear Sir

At the outset, let me thank all of you for attending the CDC meeting.

Please find herewith the Minutes of the Curriculum Development Committee Meeting held on 26th November 2019 for your reference.

Kindly send me the syllabus content for all the courses, so as to submit the same to Academic Council.

Thank you, Once again.

Regards,

प्रमुख, भू-विज्ञान विद्यापीठ|Dean, School of Earth Sciences

अध्यक्ष, भूगोल विभाग | Head, Department of Geography

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Minutes of the Minutes - CDC_26-11-2019.pdf
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M.Sc Geology Syllabus- approval

HOD Geography, CUTN <hodgeo@cutn.ac.in>

Wed, Dec 11, 2019 at 11:15 AM

To: Jp Shrivastava <jpshrivastava.du@gmail.com>, senthil.esc@pondiuni.edu.in, gurugis4u@gmail.com

Dear Sir(s)

Greetings.

At the outset, let me thank each one of you for your support in framing the syllabus for M.Sc Geology at CUTN.

As discussed, Prof. Gurugnanam compiled the syllabus with the valuable inputs from Prof. Shrivastava and the draft syllabus is now ready for your valuable comments and suggestions.

Please find herewith the draft syllabus for your kind perusal.

After your approval, the same will be submitted to the Academic Council.

Thanking you all once again.

Regards,

Prof. Sulochana Shekhar

प्रमुख, भू-विज्ञान विद्यापीठ|Dean, School of Earth Sciences

अध्यक्ष, भूगोल विभाग | Head, Department of Geography

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M.Sc Geology Syllabus- approval

Gurugnanam Balasubramanian <gurugis4u@gmail.com>
To: "HOD Geography, CUTN" <hodgeo@cutn.ac.in>

Fri, Dec 13, 2019 at 3:23 PM

Respected Madam

Thank you for inviting me in the preparation of syllabi. The syllabi content is correct and Hereby, I have given my approval. The syllabus submitted by you in the mail is approved for further action.

Yours sincerely

[Quoted text hidden]

[Quoted text hidden]

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Dr.B.Gurugnanam
Professor & Director
Centre for Applied Geology
Dean, School of Computer Science and Technologies
Gandhigram Rural Institute - Deemed University
Gandhigram, Dindigul - 624 302
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E-mail - gurugis4u@gmail.com


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HOD Geography, CUTN <hodgeo@cutn.ac.in>

M.Sc Geology Syllabus- approval

Jp Shrivastava <jpshrivastava.du@gmail.com>
To: "HOD Geography, CUTN" <hodgeo@cutn.ac.in>

Mon, Dec 16, 2019 at 2:33 PM

Dear Dr. Sulochana Shekhar,
Greetings from Delhi.

I have offered a few comments and (see marked with red fonts). Please go through my comments /corrections. Also, I am attaching annotated copy of the syllabus for your critical reading.
best wishes

On Wed, Dec 11, 2019 at 11:20 AM HOD Geography, CUTN <hodgeo@cutn.ac.in> wrote:

[Quoted text hidden]

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Professor J. P. Shrivastava
Department of Geology
University of Delhi
Delhi-110007

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MINUTES OF THE BOS MEETING OF THE DEPARTMENT OF GEOLOGY HELD ON 21/11/2020, CUTN; No. Geol/BOS/01

The 1st Board of Studies meeting of the Dept. of Geology, CUTN was held by online mode on 21/12/2020 from 15:00 hr onwards.

Persons Present:

Sl. No.	Name of the Person	Institute	Department of the person	Designation of the person	Position of the person in the meeting
1	Dr. Guru Balamurugan	Central University of Tamil Nadu	Geology	Associate Professor & Head	Chairperson & Convenor
2	Prof. S. Anbazhagan	Periyar University, Salem	Geology	Professor & Dean	External member
3	Dr. R. Sakthivel	Bharathidasan University	Geology	Associate Professor	External member
4	Prof. Sulochana Shekhar	Central University of Tamil Nadu	Geography	Professor & Dean	Internal member
5	Prof. Sigamani Paneer	Central University of Tamil Nadu	Social Work	Professor & Head	External member
6	Dr. R. Jayangonda Perumal	Central University of Tamil Nadu	Geology	Associate Professor	Internal member
7	Dr. Anjali Vijayan	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
8	Dr. Bankim C. Mahanta	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
9	Dr. Priyanka Singh Rao	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member

At the onset, the chairperson & convenor welcomed the members to the 1st meeting of BOS and placed the agenda for the deliberations of the members. The following deliberations were made as per the agenda:

1. Approval of M.Sc. in Geology curriculum

The HoD, Geology informed the members that the department teams have been working on the revision of the curriculum framed by the Dr. D. Senthilnathan, Pondicherry University; Dr. B. Gurugnanam, the Gandhigram Rural Institute and Prof. Srivastava, Delhi University.

The external members recommended to modify the mission and vision of the department, modify the overall programme objective, incorporate the objectives of all the course, bring the uniformity in syllabus style, similarity in the scheme of the courses by either removing the titles or incorporating the titles in all units of the courses, uniformity in the credit distribution in all the courses, modification of credits as per the contents, reframing the



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title of some course, and uniformity in the references in the entire syllabus. The changes should not affect the ongoing semester but will be applicable from the onwards. The details are given below:

GLYCC01: Remove the titles from the units, if titles are used then content and title should match, title of unit-3 is not representing the content, equal distribution of content in every unit, modification and formatting the references, and removal of the irrelevant books.

GLYCC02: Include the basics concepts of deformation. Internal member put forward the representation to include thrust tectonics, incorporation of all essential books in the reference (e.g. Billing).

GLYCC03: External members suggested to make the title "Mineralogy" but internal member/s emphasized on crystallography as well to justify the content. Thus, modification of the course title from 'Crystallography, Mineral Optics and Mineralogy' to 'Crystallography and Mineralogy' is decided. Rectification of typing mistake, removal of titles, uniformity of the units as per other courses. External member suggested for 5 units emphasizing 3 units on mineralogy and 2 units on crystallography.

Sem-I is already running so it was recommended to finalize the syllabus of the Sem-I on priority and another BOS meeting for the other Semesters.

Elaborate the eligibility criteria as the B.Sc. degree in Geology/ Applied Geology/ Engineering Geology/ Marine Geology/ Earth Science/Geo-Exploration/Mineral Exploration, etc. Also the Integrated M.Sc. (Geology) candidates are eligible.

2. Approval of A Generic Elective Course - Earth System Sciences

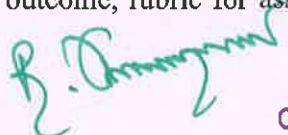
Members were suggested that the Generic elective course should have more details on landforms; geomorphic features incorporation of earth's structure and its position in the universe. Also, BOS Members were suggested that to remove the optical mineralogy topics in Unit-III since this course is for Non-Geology students. Modification in references is required, where in incorporation of basic books and removal of advanced books are suggested.

Call off the meeting at 17:00 hr.

Action taken:

The committee agreed to incorporate the change in the syllabus and curriculum without affecting the ongoing semester for Academic year 2020-21.

The formulation of the syllabus at the time of the BOS meeting shared the syllabus content however, later on Feb 2021 a information received from CUTN, we have prepare it OBE based curriculum system. In this connection we have prepared the new OBE curriculum for M.Sc Geology. The modified syllabus includes Course Outcome for all courses both for theory and practical's, uniformity in the syllabus pattern for all courses, course credit distribution as per the units, common evaluation scheme for all the courses, common mapping course outcome, rubric for assignment and seminars. The syllabus units are based





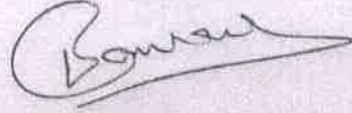
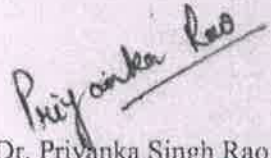
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on the credits of a particular course for example 3 credits theory course having 3 units similarly 4 credits course having 4 units.


Relevant books are added in references as per the BOS members suggestions.

Syllabus has uniform formatting and structure.

Members attended the meeting:

1.  Dr. G. Balamurugan
2. Prof. S. Anbazhagan
3. Dr. R. Sakthivel
4. Prof. Sulochana Shekhar
5. Prof. Sigamani Paneer
6. Dr. R. Jayangonda Perumal
7.  Dr. Anjali Vijayan
8.  Dr. Bankim Mahanta
9.  Dr. Priyanka Singh Rao


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Head of the Department
Dr. Guru Balamurugan
Associate Professor and Head
Department of Geology
School of Earth Sciences
Central University of Tamil Nadu
Neelakudi, Thiruvavur-610 005.

From: "anbu02" <anbu02@gmail.com> 19 November, 2021 12:33
To: "Dept. of Geology CUTN HOD" <hodgeology@cutn.ac.in>

Dear Dr Guru Balamurugan
Thank you for sending BOS minutes. I hereby approve the minutes for further necessary action.

with best regards

S. Anbazhagan

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From: "Dept. of Geology CUTN HOD" <hodgeology@cutn.ac.in> 18 November, 2021 23:17
To: "anbu02" <anbu02@gmail.com> "drsvel" <drsvel@gmail.com> "Prof. Sulochana Shekhar, Dept. of Geography" <sulochana@cutn.ac.in> "P" <sigamanip@cutn.ac.in>
"Dr. R. Jayan Gonda Perumal, Associate Professor, Dept. of Geology" <jayanperumal@cutn.ac.in>

BOS_Minutes_Dec2020.pdf (1.1 MB) Download | Briefcase | Remove

Dear Professors and Colleagues,
Greetings of the day!

Please find the attachment of the minutes BOS (Board of Studies) of the Department Geology, SoES, GUTN. Sorry for the delay to sharing the minutes with external members and subject experts and apologies for the same.
I am kindly requesting you to please approve the minutes of the BOS meeting through email or your digital signature.

I am expecting your response as soon as possible.

Thanks with regards,
Balamurugan Guru
HoD-Geology
Department of Geology,
School of Earth Sciences,
Central University of Tamil Nadu,
Thiruvavur, Tamil Nadu


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Minutes of the Second Board of Studies (BoS) Meeting in Department of Geology, School of Earth Sciences, Central University of Tamil Nadu

The Second Board of Studies meeting of the Department of Geology started at 11.00 am on 17.02.2022 through virtual platform Google Meet and the following members were present for the meeting.

Members Present:

Sl. No.	Name of the Person	Institute	Department of the person	Designation of the person	Position of the person in the meeting
1	Dr. Guru Balamurugan	Central University of Tamil Nadu	Geology	Associate Professor & Head	Chairperson & Convenor
2	Prof. S. Anbazhagan	Periyar University, Salem	Geology	Professor & Dean	External member
3	Prof. R. Sakthivel	Bharathidasan University	Geology	Professor & Head	External member
4	Prof. Sulochana Shekhar	Central University of Tamil Nadu	Geography	Professor & Dean	Member (within the School)
5	Prof. Sigamani Paner	Central University of Tamil Nadu	Social Work	Professor & Head	Member (Outside the School)
6	Dr. Anjali Vijayan	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
7	Dr. Bankim C. Mahanta	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
8	Dr. Priyanka Singh Rao	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member

B. Anandaraman

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The Chairperson welcomed the members to the Board of Studies Meeting and briefed the following agenda points of the meeting for discussion.

Agenda 1: M.Sc. Geology Curriculum Review

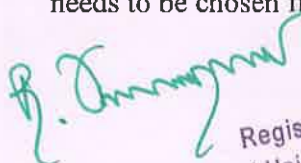
The Chairperson have been shared the OBE formatted M.Sc. Geology curriculum with the BoS Members in prior to the meeting. The members have reviewed and suggested the following recommendations and modifications.

1. Include some important reference text books in Structural Geology & Tectonics, Remote Sensing & GIS, Hydrogeology & Sustainable Development, and Environmental Geology courses.
2. Split the References into Textbooks and Reference books.
3. Arrange the References in the alphabetical order (wherever it is applicable).
4. For smooth conducting of classes, restructure the Course content of Mineralogy & Crystallography course.
5. Give options to take more MOOC/SWAYAM/NPTEL courses if possible, as per the new National Educational Policy.
6. External members suggested to utilize the research and lab facilities available in the nearby universities through MoU, in case of inadequate in-house facilities for smooth conduct of practical classes.
7. External members emphasized to enhance the Practical and research facilities on an urgent basis for successful running of practical classes as per the curriculum.
8. External members recommended to make flexibility in field visit frequency and timing for better field exposure.
9. BoS Member (CUTN) opined to formulate Field Manual and Research Manual for the effective conduct of Field visits and Dissertation.
10. Keep the uniformity by giving weightage to number of questions in Question paper and course credits.

Agenda 2: Approval of newly prepared Ph.D Curriculum

The chairperson presented the new Ph.D. Curriculum prepared in the OBE Format which was already approved by Department Research Committee. The course content was approved by the BoS Members. The proceedings of the discussions are as follows:

1. Mention the provision of completing course work within two semesters in the Syllabus.
2. External member advised to specify and include the details of number of courses needs to be chosen from the offered Specific Research Courses.


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Agenda 3: Approval of Generic Elective Courses offered for Students outside the Department

The members of the Board of Studies have thoroughly reviewed the Generic Elective Curriculum and made the following remarks:

1. The external members recommended to incorporate more basic level textbooks in the reference section.
2. Include reference books for Geomorphology (Unit II) in the Earth System Science Course.
3. Restructure the Advances in Earth System Science course content by interchanging the position of Unit I and Unit II.

The meeting ended on a note of thanks by the Chairperson.

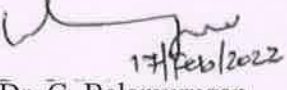

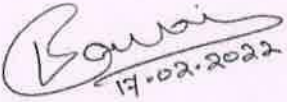


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Actions Taken Report

1. The internal committee members have been incorporated the recommended textbooks in the reference section.
2. The reference section has been split into textbooks and reference books for entire courses in the M.Sc. Curriculum.
3. The reference books have been arranged alphabetically for all the courses.
4. Restructuring of course content has been made for Mineralogy & Crystallography and Advances in Earth System Science Courses.
5. Field manual and Research manual preparation are under process. It will be circulated soon with the BoS Members and students.

Members attended the meeting:

1. 
17/02/2022
Dr. G. Balamurugan
2. Prof. S. Anbazhagan
3. Prof. R. Sakthivel
4. Prof. Sulochana Shekhar
5. Prof. Sigamani Paneer
6. 
14-02-2022
Dr. Anjali Vijayan
7. 
17-02-2022
Dr. Bankim Chandra Mahanta
8. Dr. Priyanka Singh Rao


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Tamil Nadu / तमिलनाडु

Head of the Department



bankim.mahanta@cutn.ac.in

Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

From : Dr. Priyanka Singh Rao, Assistant Professor, Dept. of Geology Fri, 18 Feb, 2022 14:54
<priyanka.singhrao@cutn.ac.in>

Subject : Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

To : Dept. of Geology CUTN HOD <hodgeology@cutn.ac.in>

Cc : anbu02 <anbu02@gmail.com>, School of Earth Sciences Dean, CUTN <deanses@cutn.ac.in>, Dr. Anjali Vijayan, Asst. Professor, Dept. of Geology <anjali vijayan@cutn.ac.in>, Dr. Bankim Chandra Mahanta, Asst. Professor, Dept. of Geology <bankim.mahanta@cutn.ac.in>, Dr. Guru Balamurugan, Associate Professor, Dept. of Geology <gurubala@cutn.ac.in>, drsvel@gmail.com

Good afternoon Sir,

I do hereby approve the minutes of the 2nd BOS meeting held on the 17th of February 2022.
Kindly consider this mail as an approval

Thanks & Regards

Priyanka

डॉ. प्रियंका सिंह राव | Dr. Priyanka Singh Rao (PSR)

सहायक आचार्य | Assistant Professor

(भूतपूर्व भूवैज्ञानिक | Former Geologist, Geological Survey of India)

भूविज्ञान विभाग | Department of Geology

तमिलनाडु केन्द्रीय विश्वविद्यालय | Central University of Tamil Nadu

तिरुवारूर | Thiruvavur-610 005 (तमिलनाडु | Tamil Nadu)

वैकल्पिक आईडी | Alternative Id: raopriyankasingh@gmail.com

गूगल स्कॉलर | Google Scholar: <https://scholar.google.com/citations?user=FqAM6LUAAAAJ>

From: "Dr.R.Sakthivel" <drsvel@gmail.com>

To: "Dept. of Geology CUTN HOD" <hodgeology@cutn.ac.in>

Cc: "anbu02" <anbu02@gmail.com>, "School of Earth Sciences Dean, CUTN" <deanses@cutn.ac.in>, "Dr. Anjali Vijayan, Asst. Professor, Dept. of Geology" <anjali vijayan@cutn.ac.in>, "Dr. Bankim Chandra Mahanta, Asst. Professor, Dept. of Geology" <bankim.mahanta@cutn.ac.in>, "Dr. Priyanka Singh Rao, Assistant Professor, Dept. of Geology" <priyanka.singhrao@cutn.ac.in>, "Dr. Guru Balamurugan, Associate Professor, Dept. of Geology" <gurubala@cutn.ac.in>

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Tamil Nadu / तमिलनाडु



bankim.mahanta@cutn.ac.in

Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

From : Prof. Sigamani. P, Dept. of Social Work
<sigamanip@cutn.ac.in>

Fri, 18 Feb, 2022 14:24

Subject : Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

To : Dept. of Geology CUTN HOD <hodgeology@cutn.ac.in>

Cc : anbu02 <anbu02@gmail.com>, drsvel <drsvel@gmail.com>, Prof. Sulochana Shekhar, Dept. of Geography <sulochana@cutn.ac.in>, Dr. Anjali Vijayan, Asst. Professor, Dept. of Geology <anjali vijayan@cutn.ac.in>, Dr. Bankim Chandra Mahanta, Asst. Professor, Dept. of Geology <bankim.mahanta@cutn.ac.in>, priyanka singhrao <priyanka.singhrao@cutn.ac.in>, gurubala <gurubala@cutn.ac.in>

Dear sir!

Greetings of the day, thank you for your mail and the MoM.

Pl accept my approval.

Thanking you

Warm regards,

Sigamani P.

From: "Dept. of Geology CUTN HOD" <hodgeology@cutn.ac.in>

To: "anbu02" <anbu02@gmail.com>, "drsvel" <drsvel@gmail.com>, "Prof. Sulochana Shekhar, Dept. of Geography" <sulochana@cutn.ac.in>, "P" <sigamanip@cutn.ac.in>

Cc: "Dr. Anjali Vijayan, Asst. Professor, Dept. of Geology" <anjali vijayan@cutn.ac.in>, "Dr. Bankim Chandra Mahanta, Asst. Professor, Dept. of Geology" <bankim.mahanta@cutn.ac.in>, "priyanka singhrao" <priyanka.singhrao@cutn.ac.in>, "gurubala" <gurubala@cutn.ac.in>

Sent: Friday, February 18, 2022 2:04:55 PM

Subject: Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

Dear Professors and Colleagues,
Greetings of the Day.

Please find the updated (Changes in Designation) minutes of the 2nd BOS meeting held on 17th of February 2022. I am requesting kindly send us the approval as soon as possible then only we can able to submit it at the upcoming AC meeting of CUTN.


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1/3



bankim.mahanta@cutn.ac.in

Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

From : Dr.R.Sakthivel <drsvel@gmail.com>

Fri, 18 Feb, 2022 14:44

Subject : Re: Approval: BOS minutes and modified syllabus (M.Sc. Geology, Ph.D. and Generic Elective)

To : HOD, Dept. of Geology CUTN <hodgeology@cutn.ac.in>

Cc : anbu02 <anbu02@gmail.com>, School of Earth Sciences Dean, CUTN <deanses@cutn.ac.in>, Dr. Anjali Vijayan, Asst. Professor, Dept. of Geology <anjali vijayan@cutn.ac.in>, Dr.Bankim Chandra Mahanta, Asst. Professor, Dept. of Geology <bankim.mahanta@cutn.ac.in>, Dr. Priyanka Singh Rao, Assistant Professor, Dept. of Geology <priyanka.singhrao@cutn.ac.in>, Dr.Guru Balamurugan, Associate Professor, Dept. of Geology <gurubala@cutn.ac.in>

Dear Sir,
Happy Greetings.

I do hereby approve the minutes of the 2nd BOS meeting held on 17th of February 2022.
Thanks & Regards
Sakthivel R

On Fri, Feb 18, 2022, 2:39 PM HOD, Dept. of Geology CUTN <hodgeology@cutn.ac.in> wrote:

Respected Sir,
Greetings!

Please find the updated minutes of the BOS meetings and request you to kindly approve the same. Kindly do the needful.

Thanks with regards,
Balamurugan Guru


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Tamil Nadu / तमिलनाडु

From: "P" <sigamanip@cutn.ac.in>

To: "Dept. of Geology CUTN HOD" <hodgeology@cutn.ac.in>

Cc: "anbu02" <anbu02@gmail.com>, "drsvel" <drsvel@gmail.com>, "Prof. Sulochana Shekhar, Dept. of Geography" <sulochana@cutn.ac.in>, "Dr. Anjali Vijayan, Asst. Professor, Dept. of Geology" <anjali vijayan@cutn.ac.in>, "Dr.Bankim Chandra Mahanta, Asst. Professor, Dept. of Geology" <bankim.mahanta@cutn.ac.in>, "Dr. Priyanka Singh Rao, Assistant Professor, Dept. of Geology" <priyanka.singhrao@cutn.ac.in>, "Dr.Guru Balamurugan, Associate Professor, Dept. of Geology" <gurubala@cutn.ac.in>



hodgeology@cutn.ac.in

Approval: BOS minutes

From : Anbazhagan S <anbu02@periyaruniversity.ac.in>
Subject : Approval: BOS minutes
To : hodgeology@cutn.ac.in

Fri, Feb 18, 2022 03:31 PM

1 attachment

Dear All,

Greetings! I approve the BOS minutes held on 17.02.22.

With regards

S. Anbazhagan

Prof. Dr. S. Anbazhagan

Director, Centre for Geoinformatics and Planetary Studies
Professor of Geology
Periyar University, Salem 636011
mobile: 09443045889


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(संसदद्वारा पारित अधिनियम 2009 के अंतर्गत स्थापित)

CENTRAL UNIVERSITY OF TAMIL NADU

(Established by an Act of Parliament, 2009)

नीलकुडी परिसर / Neelakudi Campus, कंगलान्चेरी / Kandalancherry

तिरुवारूर / Thiruvavur - 610 005


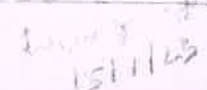
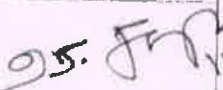
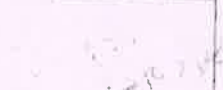
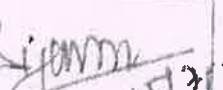

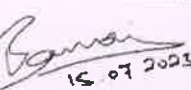
CUTN/GEOL/BOS/03

Attendance

Third Board of Studies (BoS) Meeting in the Department of Geology, School of Earth Sciences, Central University of Tamil Nadu

The Third Board of Studies meeting of the Department of Geology started at 10.00 am on 15.07.2023 through HYBRID mode (in person and Google Meet) and the following members were present for the meeting

Members Present:

Sl. No.	Name of the Person	Institute/ University	Designation of the person	Signature with Date
1	Dr. Guru Balamurugan	Central University of Tamil Nadu	Associate Professor & Head	
2	Prof. S. Anbazhagan	Periyar University, Salem	Professor & Director	
3	Prof. R. Sakthivel	Bharathidasan University	Professor & Head	
4	Prof. Sulochana Shekhar	Central University of Tamil Nadu	Professor & Dean	
5	Prof. Sigamani Parthasarathy	Central University of Tamil Nadu	Professor & Head	
6	Dr. Anjali Vijayan	Central University of Tamil Nadu	Assistant Professor	
7	Dr. Bankim C. Mahanta	Central University of Tamil Nadu	Assistant Professor	
8	Dr. Priyanka Singh Rao	Central University of Tamil Nadu	Assistant Professor	
9	Dr. Sai Prasad	ONGC	Senior Manager	Absent-


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Tamil Nadu / तमिलनाडु

Minutes of the Second Board of Studies (BoS) Meeting in Department of Geology, School of Earth Sciences, Central University of Tamil Nadu

The Third Board of Studies meeting of the Department of Geology started at 10:00 am on 15/07/2023 through HYBRID Mode (Person and Google Meet) and the following members were present for the meeting

Members Present:

Sl. No.	Name of the Person	Institute	Department of the person	Designation of the person	Position of the person in the meeting
1	Dr. Gura Balamurugan	Central University of Tamil Nadu	Geology	Associate Professor & Head	Chairperson & Convenor
2	Prof. S. Anbazhagan	Periyar University, Salem	Geology	Professor & Director	External member
3	Prof. R. Sakthivel	Bharathidasan University	Geology	Professor & Head	External member
4	Prof. Suloचना Shekhar	Central University of Tamil Nadu	Geography	Professor & Dean	Member (within the School)
5	Prof. Sigamani Palani	Central University of Tamil Nadu	Social Work	Professor & Head	Member (Outside the School)
6	Dr. Anjali Vignyan	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
7	Dr. Bankim C Mahanta	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
8	Dr. Priyanka Singh Rao	Central University of Tamil Nadu	Geology	Assistant Professor	Internal member
9	Dr. Sat Prasad	ONGC	ONGC	Senior Manager	External member
					-Absent-

[Handwritten Signature]

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[Handwritten Signature]
15/07/2023

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15/07/2023

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15/07/2023

The Chairperson welcomed the members to the Board of Studies Meeting and briefed the following agenda points of the meeting for discussion.

Agenda 1: Approval of programme name changes from M. Sc. Geology to M.Sc Applied Geology

Members were agreed and approved the changes.

Agenda 2: Approval of M.Sc. in Applied Geology curriculum

The chairperson presented the NEP2020 based curriculum prepared in the OBE format. Members suggestion and modification were incorporated and updated in the syllabus (please see the syllabus attachment).

3. Approval of PhD candidates' admission - M.Tech/M. Sc. in Remote Sensing/Geoinformatics/GIS/Geospatial Technology with Geological Subject

The BOS members were agreed to include the M.Tech/M.Sc in Remote Sensing/Geoinformatics/GIS/Geospatial Technology discipline candidates for PhD admission process.

4. Approval of PhD Curriculum (Change made as per the NEP2020)

The chairperson presented the new Ph.D. Curriculum prepared in the OBE Format and as per NEP2020 which was already approved by Department Research Committee. The course content was approved by the BoS Members(please see the syllabus attachment).

5. Additional Agenda: Ratification of course for Open Elective Course: Earth, Ocean, and Climate Sciences.

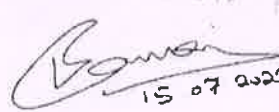
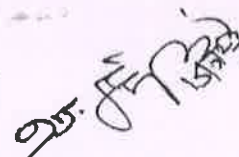
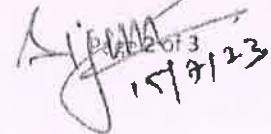
The chairperson presented the new Open Elective Course titled "Earth, Ocean, and Climate Science" for other department students of Central University of Tamil Nadu and BOS members approved for the ratification and this same course added in the NEP based curriculum.

The meeting ended on a note of thanks by the Chairperson and meeting ended at 5.30PM

Actions Taken Report

1. Agenda 1. point: M.Sc. programme name changed from M.Sc. Geology to M.Sc. Applied Geology and as per the approval of BOS members.
2. Agenda 2: The reference section updated for entire courses in the M.Sc. curriculum, course position been changed and accordingly changed the course code for Dissertation, Field study and Research methodology in the 4th semester (Please see the attachment). New module introduced in the Geostatistics and Computer Application in Geosciences. In Semester four, the order of the Courses and course codes changed as Research Methodology, Field Study and Dissertation. Specific module introduced in Mineralogy and Crystallography. In third Semester,


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Fuel Geology course shifted from Elective to Core Course. Engineering Geology shifted from core to elective course. Accordingly, changes made as Hydrogeology and Fuel Geology in third semester. Recent text books/reference books incorporated in entire courses.

3. **Agenda 3:** To be advertised this detail in the upcoming academic year for PhD admission.
4. **Agenda 4:** The reference section updated for entire courses in the PhD curriculum.
5. **Additional Agenda:** The course (Earth, Ocean, and Climate Science) approved for the ratification and this same course added in the NEP based curriculum as one of the open elective courses.

Members attended the meeting:

1. Dr. Guru Balamurugan

2. Prof. S. Anbazhagan

3. Prof. R. Sakthivel

4. Prof. Sulochana Shekhar

5. Prof. S. Gamalinder

6. Dr. Anjali Vijayan

7. Dr. Bankim Chandra Mahanta

8. Dr. Priyanka Singh Rao

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Head of the Department