

Central University of Himachal Pradesh
Department of Environmental Sciences

Minutes



FIFTEENTH BOARD OF STUDIES MEETING
TO BE HELD ON 09th May, 2024

Venue: Seminar Room, Shahpur Campus,
CENTRAL UNIVERSITY OF HIMACHAL PRADESH,
Shahpur, District Kangra (HP)

हिमाचल प्रदेश केंद्रीय विश्वविद्यालय

Central University of Himachal Pradesh

(Established under Central Universities Act 2009)
Dharamshala, Distt. Kangra, Himachal Pradesh- 176215
(Shahpur Campus, Shahpur, Kangra, Himachal Pradesh, India - 176206)

File No. EES/1-5 (Vol.II)/CUHP/20

Dated:

MINUTES

The 15th meeting of the **Board of Studies (BOS)** of the **Department of Environmental Sciences** was held on 09th May, 2024 at 11.00 AM onwards. The following members/invitees attended the meeting:

1	Prof. Ambrish Kumar Mahajan , Professor & Head, Department of Environmental Sciences, Dean, School of Earth and Environmental Sciences	CONVENER & CHAIRMAN
2	Prof. Satish Bhardwaj , Professor and Head, Department of Environmental Sciences, College of Forestry, Dr. Y.S. Parmar, University of Horticulture and Forestry Nauni-Solan	SUBJECT EXPERT
3	Prof. Raj Kumar Rampal , Professor, Department of Environmental Sciences, Jammu University, Jammu	SUBJECT EXPERT
4	Prof. Deepak Pant , Professor, Department of Environmental Sciences, Central University of Himachal Pradesh	MEMBER
5	Dr. Pradeep Kumar , Professor, Department of Plant Science Central University of Himachal Pradesh	MEMBER (VC-NOMINEE)
6	Dr. Pradeep Chuksey , Professor, Department of Animal Science, Central University of Himachal Pradesh	MEMBER (VC NOMINEE)
7	Dr. Dilbag Singh , Assistant Professor, Department of Environmental Sciences, Central University of Himachal Pradesh.	SPECIAL INVITEE
8	Dr. Chinmaya Maharan , Assistant Professor, Department of Environmental Sciences, Central University of Himachal Pradesh.	SPECIAL INVITEE

Prof. Ambrish Kumar Mahajan, Dean and Head, School of Earth and Environmental Sciences (Convener & Chairman of the BOS) welcomed all the members and thanked them for being available and for attending the meeting.

THEREAFTER, THE AGENDA ITEMS WERE TAKEN UP AS UNDER:

Handwritten signatures and dates in blue ink:

- Signature: *(Signature)*, Date: 9/5/2024
- Signature: *(Signature)*, Date: 9/5
- Signature: *(Signature)*, Date: 9/5/24
- Signature: *(Signature)*, Date: 9/5/24



हिमाचल प्रदेश केंद्रीय विश्वविद्यालय
Central University of Himachal Pradesh
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PO Box no. 21, Dharamshala, Distt. Kangra, Himachal Pradesh- 176215

Department of Environmental Sciences
(Academic Block, Shahpur)

Agenda for the 15th Meeting of Board of Studies

Agenda for the 15th Board of Studies meeting of the Department of Environmental Sciences, School of Earth & Environmental Sciences, Central University of Himachal Pradesh to be held on May 09th, 2024 at Shahpur Campus, Shahpur is as under:-

- Welcome to all the members of BOS by the Chairman.

ITEM NO: ENV-BOS-15/24-01: Confirmation of the Minutes of the 14th Meeting of the Board of Studies held on 29th November, 2023. (Annexure-I)

Decision: Minutes approved

ITEM NO: ENV-BOS-15/24-02: Confirmation of the Minutes of the 2nd RDC Meeting held on 20th March, 2024. (Annexure-II)

Decision: item approved

ITEM NO: ENV-BOS-15/24-03: To place before the BoS for its approval, the revised syllabus of various courses, following the feed-backs received from different stake-holders, i.e ENV-524, ENV 525 (Annexure-III)

Decision: Revision in course code ENV 524, ENV 525 and ENV 425 approved

ITEM NO: ENV-BOS-15/24-04:- Permission for Extension of Ph.D. Duration of one year of following students.

1. Shanta Kumar (CUHP17RDENV11)
2. Shikha Rawal (CUHP17RDENV12)

Decision:- Committee Discuss the extension of the Ph.D. duration of one year for the following students and have allowed for one year extension subject to permission from Hon'ble Vice Chancellor as per ordinance

ITEM NO: ENV-BOS-15/24-05: To consider the request of RD Scholar Ms Komal Kundal (Roll No. CUHP20 RDENV04) regarding modifying the topic and objectives already approved in the synopsis.

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Decision: The topic of the research scholar and objectives have been approved as per the recommendations of the DRC members as under:-

Komal Kundal Topic and objectives have been revised as under

NAME	OLD Topic	NEW Topic
Komal Kundal	Site Characterization using geophysical approach for upper 30 m soil column of Kathua city of the J&K UT India	Site Characterization of Kathua city of the Jammu & Kashmir India using geophysical approaches
	Old Objectives	New Approved Objectives
1	Preparation Seismic Tectonic Map of the region.	Preparation of Seismic-tectonic Map of the region.
2	Ambient noise measurement of study region for estimating fundamental frequency of soil column and thickness of soil.	Ambient noise measurement of study region.
3	To obtain the shear wave velocity by joint-fit inversion modeling of HVSr and dispersion curve derived from MSOR.	Multiple Simulation with one Receiver(MSoR) to derive shear wave velocity.
4	To determine the shear wave velocity using Multichannel analysis of surface waves and to compare the results obtained by ambient noise measurements.	Joint-fit inversion modelling of HVSr curves using MSOR dispersion curves.
5	Preparation of seismic characterization maps of Kathua city.	Develop empirical relationship to derive frequency thickness relationship.
6	-----	Preparation of site characterization maps.

ITEM NO: ENV-BOS-15/24-06: Presentation by research scholars showing their research progress

The following student presented their research

1. Sunidhi (CUHP20RDENV09)
2. Priyanka Chaudhary (CUHP20RDENV06)
3. Ritika Sharma (CUHP20RDENV08)

Decision: The committee listened to the presentation of all the students and given following suggestions:

Since the existing Supervisor lien period is over from the university, as per the ordinances, we need to reallocate the supervisor as per the university norms. The matter is properly conveyed to the students in the meeting, and the same will be conveyed to the existing supervisor.

Students (Ms. Sunidhi and Ms. Priyanka Choudhary) have been given more suggestions for modifying the topic with consent from an existing supervisor.

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Komal Kundal
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(Signature)
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9-5-24

Ritika Sharma's research topic is recommended and changed topic and modified the topic as under:-

NAME	OLD TOPIC	NEW TOPIC
RITIKA SHARMA	Meat Organic Framework based Composite for Electrochemical Sensing of Toxic Metals Ions	Fabrication of Carbon-Based Nanomaterials for the Electrochemical Sensing of Heavy Metals in Waste Water
	Old Objectives	New approved Objectives
	<ol style="list-style-type: none"> 1. Synthesis of MOF based composites 2. Characterization of MOF based composites 3. To work on the electrochemical performance of MOF based composites for electrochemical sensing of toxic metal ions. 	<ol style="list-style-type: none"> 1. Fabrication of Carbon-Based Nanomaterials 2. Characterization of as-synthesized Nanomaterials 3. Performance of these materials in the Electrochemical detection of Heavy Metals in Waste Water


Any other item with the permission of the Chair.

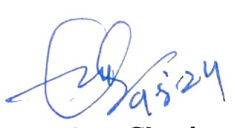


Dr. Chinmaya Maharana
(Special Invitee)

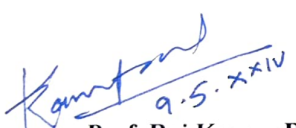


Dr. Dilbag Singh
(Special Invitee)


Prof. Deepak Pant
(Member)


Prof. Pradeep Chouksey
VC Nominee

Prof. Pradeep Kumar
VC Nominee


Prof. Raj Kumar Rampal
External Expert


Prof. Satish Bhardwaj
External Expert


Prof. Ambrish Kumar Mahajan
Head and Dean (Chairman)