



**Central University of Himachal Pradesh**

(ESTABLISHED UNDER CENTRAL UNIVERSITIES ACT 2009)

Dharamshala, Himachal Pradesh-176215



# **NAAC Criterion-I**

## **Key Indicator – 1.4.2**

### **ACTION TAKEN REPORT**

#### **1.4.2 Evidences**



**Department of Environmental Sciences**

**Central University of Himachal Pradesh, Dharamshala,**

**Kangra**



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/517

Dated: 15.02.2016

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 15<sup>th</sup> February 2016. The meeting aimed at revising/adding new content to the courses to be offered in the **Monsoon Semester 2016**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

#### MONSOON SEMESTER 2016

#### M.Sc. Environmental Sciences I Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 437	Earthquake awareness	2	Prof. A.K. Mahajan

#### M.Sc. Environmental Sciences III Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 523	Toxic and Hazardous Waste Management	4	Dr. Deepak Pant
2.	ENV 550	Microbial Ecology	2	Dr. Mushtaq Ahmed
3.	ENV 578	Introduction to Glaciology	2	Dr. Anurag Linda

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Deepak Pant	Associate Professor	
3.	Dr. Ankit Tandon	Assistant Professor	
4.	Dr. Subhankar Chatterjee	Assistant Professor	
5.	Dr. Anurag Linda	Assistant Professor	

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अधिष्ठाता, पृथ्वी विज्ञान एवं पर्यावरण विज्ञान स्कूल  
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हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
अस्थायी शैक्षणिक खण्ड/Temporary Academic Block  
शाहपुर, कांगड़ा (हि.प्र.)/Shahpur, Kangra (H.P.)-176206



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/822

Dated: 01/12/2016

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 1<sup>st</sup> December 2016. The meeting aimed at revising/adding new content to the courses to be offered in the Spring Semester 2017. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

**SPRING SEMESTER 2017**

#### M.Sc. Environmental Sciences II Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 408	Biodiversity and wildlife Management	2	Dr. Subhankar Chatterjee
2.	ENV 422	Basics of Natural Resource Conservation	2	Dr. Dilbag Singh
3.	ENV 428	Himalayan Geology	2	Prof. A. K. Mahajan
4.	ENV 441	Water resource Conservation in Hilly Region	2	Dr. Anurag Linda
5.	ENV 503	Environmental Legislation National and International	2	Dr. Dilbag Singh
6.	ENV 559	Environmental Geophysics	2	Prof. A. K. Mahajan

#### M.Sc. Environmental Sciences IV Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 521	Geo Engineering	2	Prof. A. K. Mahajan

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Deepak Pant	Associate Professor	
3.	Dr. Ankit Tandon	Assistant Professor	
4.	Dr. Subhankar Chatterjee	Assistant Professor	
5.	Dr. Anurag Linda	Professor	
6.	Dr. Dilbag Singh	Assistant Professor	

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## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/284A

Dated: 03/07/2017

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 3<sup>rd</sup> July 2017. The meeting aimed at revising/adding new content to the courses to be offered in the **Monsoon Semester 2017**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

#### MONSOON SEMESTER 2017

#### M.Sc. Environmental Sciences I Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 439	Principles of Biodiversity and Wildlife Conservation	2	Dr. Subhankar Chatterjee

#### M.Sc. Environmental Sciences III Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 411	Waste Management	2	Prof. Deepak Pant
2.	ENV 524	Environmental Impact Assessment	2	Dr. Dilbag Singh
3.	ENV 528	Nanotechniques and Environment	2	Dr. Dilbag Singh
4.	ENV 531	Toxicology lab	2	Prof. Deepak Pant
5.	ENV 559	Environmental Geophysics	2	Prof. A.K. Mahajan

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Prof. Deepak Pant	Professor	
3.	Dr. Ankit Tandon	Assistant Professor	
4.	Dr. Subhankar Chatterjee	Assistant Professor	
5.	Dr. Anurag Linda	Assistant Professor	
6.	Dr. Dilbag Singh	Assistant Professor	

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शाहपुर, कांगड़ा जिला/ Shahpur, Kangra District



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/478A

Dated: 04/12/2017

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 4<sup>th</sup> December 2017. The meeting aimed at revising/adding new content to the courses to be offered in the **Spring Semester 2018**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

### SPRING SEMESTER 2018

#### M.Sc. Environmental Sciences II Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 508	Environmental Ethics	2	Dr. Subhankar Chatterjee
2.	ENV 528	Nanotechniques and Environment	2	Dr. Dilbag Singh

#### M.Sc. Environmental Sciences IV Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 580	Recent trends in Glaciology	2	Dr. Anurag Linda

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Prof. Deepak Pant	Professor	
3.	Dr. Ankit Tandon	Assistant Professor	On study leave
4.	Dr. Subhankar Chatterjee	Assistant Professor	
5.	Dr. Anurag Linda	Assistant Professor	
6.	Dr. Dilbag Singh	Assistant Professor	

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अस्थायी शैक्षणिक ब्लॉक शाहपुर  
Shahpur, P.O. - Shahpur, District - Kangra, Himachal Pradesh-176206



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/105A

Dated: 04/06/2018

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent's Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 4<sup>th</sup> June 2018. The meeting aimed at revising/adding new content to the courses to be offered in the **Monsoon Semester 2018**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

**MONSOON SEMESTER 2018**

#### M.Sc. Environmental Sciences I Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 443	Basics of climate change	2	Dr. Ankit Tandon

#### M.Sc. Environmental Sciences III Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 547	Contemporary Environmental Issues	2	Dr. Dilbag Singh
2.	ENV 581	Methods in Scientific Research	2	All Faculty
3.	ENV 614	Advanced Waste Management Techniques	2	Dr. Subhankar Chatterjee
4.	ENV 615	Advance Microbial Technologies	2	Dr. Subhankar Chatterjee

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Ankit Tandon	Assistant Professor	
3.	Dr. Subhankar Chatterjee	Assistant Professor	
4.	Dr. Anurag Linda	Assistant Professor	
5.	Dr. Dilbag Singh	Assistant Professor	

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Central University of Himachal Pradesh  
TAB Shahpur, P.O. - Shahpur, District - Kangra, Himachal Pradesh-176206



## Department of Environmental Sciences

File No. EES/HZ/DRC/CHP/15/403A

Dated: 03/12/2018

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 3<sup>rd</sup> December 2018. The meeting aimed at revising/adding new content to the courses to be offered in the **Spring Semester 2019**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

### SPRING SEMESTER 2019

#### M.Sc. Environmental Sciences II Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 441	Water resource Conservation in Hilly Region	2	Dr. Anurag Linda

#### M.Sc. Environmental Sciences IV Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 569A	Environmental Pollution and Health issues	2	Dr. Subhankar Chatterjee
2.	ENV 546	Renewable and Non- Renewable Energy Potential In HP State	2	Dr. Dilbag Singh

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Ankit Tandon	Assistant Professor	
3.	Dr. Subhankar Chatterjee	Assistant Professor	
4.	Dr. Anurag Linda	Assistant Professor	
5.	Dr. Dilbag Singh	Assistant Professor	

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## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/115A

Dated: 28/05/2019

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 28<sup>th</sup> May 2019. The meeting aimed at revising/adding new content to the courses to be offered in the **Monsoon Semester 2019**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

#### MONSOON SEMESTER 2019

#### M.Sc. Environmental Sciences I Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
	ENV 560	Meteorology and Climatology	4	Dr. Ankit Tandon

#### M.Sc. Environmental Sciences III Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 573	Water resource management	2	Dr. Anurag Linda
2.	ENV 582	Atmospheric Chemistry and Physics	4	Dr. Ankit Tandon

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Ankit Tandon	Assistant Professor	
3.	Dr. Subhankar Chatterjee	Assistant Professor	
4.	Dr. Anurag Linda	Assistant Professor	
5.	Dr. Dilbag Singh	Assistant Professor	

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शाहपुर, कांगड़ा हि.प्र./Shahpur, Kangra (H.P.)-176206



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUMP/15/551A

Dated: 04/12/2019

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 4<sup>th</sup> December 2019. The meeting aimed at revising/adding new content to the courses to be offered in the Spring Semester 2020. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

### SPRING SEMESTER 2020

#### M.Sc. Environmental Sciences II Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 501	Environment Pollution and Human Health	2	Dr. Subhankar Chatterjee
2.	ENV 553	Environmental Thermodynamics	2	Dr. Subhankar Chatterjee

#### M.Sc. Environmental Sciences IV Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 509	Glaciology	4	Dr. Anurag Linda
2.	ENV 583	Soil Science	2	Dr. Anurag Linda
3.	ENV 586	Nano-Techniques and Applications in Environment	4	Dr. Pankaj Thakur
4.	ENV 587	Regional (Indian) Environmental Policies	4	Dr. Pankaj Thakur

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Pankaj Thakur	Associate Professor	
3.	Dr. Ankit Tandon	Assistant Professor	
4.	Dr. Subhankar Chatterjee	Assistant Professor	
5.	Dr. Anurag Linda	Assistant Professor	
6.	Dr. Dilbag Singh	Assistant Professor	

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Central University of Himachal Pradesh  
अस्थायी शैक्षणिक ब्लॉक शाहपुर, डाक घर शाहपुर, जिला कांगड़ा - १७६२०६



## Department of Environmental Sciences

File No. *EES/H2/DRC/CUHP/15/871A*

Dated: *01/07/2020*

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 1<sup>st</sup> July 2020. The meeting aimed at revising/adding new content to the courses to be offered in the **Monsoon Semester 2020**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

### MONSOON SEMESTER 2020

#### M.Sc. Environmental Sciences I Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 401	Introduction to Ecology	2	Dr. Ankit Tandon
2.	ENV 444	Environmental Geo Science Laboratory	2	Dr. Anurag Linda

#### M.Sc. Environmental Sciences III Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 503	Environmental Legislation National and International	2	Dr. Dilbag Singh
2.	ENV 588	Advanced Environmental Nanotechnology	2	Dr. Dilbag Singh

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Ankit Tandon	Assistant Professor	
3.	Dr. Subhankar Chatterjee	Assistant Professor	
4.	Dr. Anurag Linda	Assistant Professor	
5.	Dr. Dilbag Singh	Assistant Professor	

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Central University of Himachal Pradesh



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/1197A

Dated: 08/12/2020

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 8<sup>th</sup> December 2020. The meeting aimed at revising/adding new content to the courses to be offered in the **Spring Semester 2021**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

#### SPRING SEMESTER 2021

#### M.Sc. Environmental Sciences II Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 428	Himalayan Geology	2	Prof. A.K. Mahajan
2.	ENV 445	Environmental Chemistry Laboratory	2	Dr. Dilbag Singh

#### M.Sc. Environmental Sciences IV Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 431	Environmental Data Analysis	4	Dr. Ankit Tandon
2.	ENV 610	Applied biotechnology and Bioremediation	4	Dr. Subhankar Chatterjee

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Dr. Ankit Tandon	Assistant Professor	
3.	Dr. Subhankar Chatterjee	Assistant Professor	
4.	Dr. Anurag Linda	Assistant Professor	
5.	Dr. Dilbag Singh	Assistant Professor	

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हिमाचल प्रदेश केंद्रीय विश्वविद्यालय

(अस्थायी शैक्षणिक ब्लॉक शाहपुर, डाक घर शाहपुर, जिला कांगड़ा - १७६२०६)

Central University of Himachal Pradesh

TAB Shahpur, P.O. - Shahpur, District - Kangra, Himachal Pradesh-176206



## Department of Environmental Sciences

File No. EES/1-12/DRC/CUHP/15/97A

Dated: 04/08/2021

### Faculty meeting to Revise Course Contents Held on the Basis of Alumni/Teacher/Parent Feedback

Departmental Research Committee meeting of the Department of Environmental Sciences took place on 4<sup>th</sup> August 2021. The meeting aimed at revising/adding new content to the courses to be offered in the **Monsoon Semester 2021**. In this meeting suggestions received from Alumni/Teacher/Parent regarding curriculum shall be incorporated. It was decided that following courses shall be offered and their syllabus will be revised.

#### MONSOON SEMESTER 2021

#### M.Sc. Environmental Sciences I Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 437	Earthquake awareness	2	Prof. A.K. Mahajan

#### M.Sc. Environmental Sciences III Semester

Sl. No.	Subject Code	Name of the Course	Credits	Name of the Teacher
1.	ENV 523	Toxic and Hazardous Waste Management	4	Prof. Deepak Pant
2.	ENV 550	Microbial Ecology	2	Dr. Subhankar Chatterjee
3.	ENV 578	Introduction to Glaciology	2	Dr. Anurag Linda

The following faculty members attended the meeting:

Sl. No.	Name of the Faculty Member	Designation	Signature
1.	Prof. A.K. Mahajan	Professor	
2.	Prof. Deepak Pant	Professor	
3.	Dr. Ankit Tandon	Assistant Professor	
4.	Dr. Subhankar Chatterjee	Assistant Professor	
5.	Dr. Anurag Linda	Assistant Professor	
6.	Dr. Dilbag Singh	Assistant Professor	

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