



**Central University of Himachal Pradesh**  
(ESTABLISHED UNDER CENTRAL UNIVERSITIES ACT 2009)  
Dharamshala, Himachal Pradesh-176215



# **NAAC Criterion-I**

## **Key Indicator –1.2.2**

**Structure of the program clearly  
indicating the course as approved by  
competent Board of studies**

## **1.2.2 Evidences**



**Department of Animal Science**  
**Central University of Himachal Pradesh, Dharamshala,**  
**Kangra**



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## INDEX

### Department of Animal Science

S.No.	Description	Agenda Item	Page No.
1	Approved Minutes of the CDC highlighting the course structure as per CBCS dt. 10-05-2018	ANS-BOS-2/20-2	2
2	Approved Minutes of the 1 <sup>st</sup> BOS meeting highlighting the CBCS bases course curriculum dt. 10-05-2018	ANS-BOS-2/20-2	2

*[Handwritten Signature]*  
31/3/23



# हिमाचल प्रदेश केंद्रीय विश्वविद्यालय

## Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

अस्थायी शैक्षणिक खण्ड, शाहपुर, जिला काँगड़ा, हिमाचल प्रदेश - 176206

Temporary Academic Block, Shahpur, Distt. Kangra (HP) - 176206

Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

फाइल संख्या: जीव विज्ञान/-1-5/पाठ्य समिति/हि.प्र.के.वि./18/40(A)

दिनांक: 10.05.2018

### **MINUTES OF THE FIRST BOARD OF STUDIES MEETING HELD ON**

**10<sup>TH</sup> May, 2018**

The meeting of the First Board of Studies of the Department of Zoology, School of Life Sciences was held on 10<sup>th</sup> May, 2018 in the Committee Room of Central University of Himachal Pradesh, Temporary Academic Block, Shahpur. Prof. Ambrish Kumar Mahajan, Head, Department of Zoology, and, Dean, School of Life Sciences welcome all the Hon'ble members and presided over the meeting.

**Following members attended the meeting:**

- 1. Prof. Ambrish Kumar Mahajan – Head and Convener**  
Head, Department of Zoology and Dean, School of Life Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Shahpur.
- 2. Prof. Nripendranath Mandal – Subject Expert**  
Division of Molecular Medicine, Bose Institute, Kolkata.
- 3. Prof. Desh Raj Thakur – Subject Expert**  
Department of Bio-Sciences, Himachal Pradesh University, Summer Hill, Shimla.
- 4. Dr. Vikram Singh – Vice Chancellor's Nominee**  
Centre for Computational Biology and Bioinformatics, School of Life Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Shahpur.
- 5. Dr. Polamarasetty Aparoy – Vice Chancellor's Nominee**  
Centre for Computational Biology and Bioinformatics, School of Life Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Shahpur.
- 6. Ms. Nivedita Rana – Resource Peron (Special Invitee)**  
Department of Zoology, School of Life Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Dehra.
- 7. Dr. Vivek Sharma – Resource Peron (Special Invitee)**  
Department of Zoology, School of Life Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Dehra.
- 8. Dr. Rakesh Chauhan – Resource Peron (Special Invitee)**  
Department of Zoology, School of Life Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Dehra.

**Following Decision were taken in BOS meeting as per the Agenda.**

**Item ZOO-BOS-1/18-1:** Approval of Rules of Business for the Board of Studies.

It was unanimously resolved that the draft rules of Business for the Board of Studies presented before the Board of Studies approval as "Rules of Business for the Board of Studies" which would come into effect from this day i.e. Thursday the 10<sup>th</sup> May, 2018. (Annexure- I)

**Item ZOO-BOS-1/18-2: Approval of Courses for PG and RD Program {As per the Ordinance 4 clause 4 b(i)}.**

The BOS approved the minutes of the Curriculum Development Committee (CDC), Zoology held on 28.08.2017 (Placed as ANNEXURE-A) with following minor amendment(s) for the ongoing batch.

1. Some of the Courses from Course Compulsory and Course Open have been interchanged from the CDC.
2. The Course name of 3<sup>rd</sup> and 4<sup>th</sup> semester have been re-aligned from the courses approved in CDC and added new courses for the ongoing session as per Annexure-II.
3. The Practical/Lab courses have also been added in the 3<sup>rd</sup> and 4<sup>th</sup> semester as per CBCS guidelines.
4. M.Sc. Dissertation has been added for the ongoing session as per Annexure-II.
5. The Curricular Framework has been prepared as per Annexure -- II for the forthcoming session.
6. The course contents to be prepared by the faculty members and will be placed in next BOS meeting for approval

**Item ZOO-BOS-1/18-3: Approval of Supervisors for Research Program**

BOS members recommend taking up this agenda once the Department will have research scholar.

**Item ZOO-BOS-1/18-4: Approval of Examiners for conducting Practical Examination in End Term. [As per Ordinance 4 clause b(i)]. (Annexure- V)**

Head Department of Zoology in consultation with the concern faculty members may add any other name to this list depending upon the situation as per need.

**Item ZOO-BOS-1/18-5: Approval of Student's Industrial Training / Education Tours**

It was unanimously resolved that students may go for Industrial/Research Training in different Research/Academic Institutes like FRI, FSI, ZSI, Wild Life Institute of India etc. and Educational Tours during summer/ winter vacations.

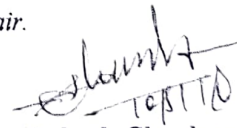
**Item ZOO-BOS-1/18-6: Invited Talks/Lectures**


Unanimously resolved that Scientists, Professors and Eminent Scholars in the field of Zoology should be invited for delivering talks for the benefit of M.Sc. students.

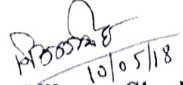
*The meeting ended with a vote of thanks to the Chair.*

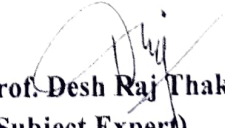
  
Ms. Nivedita Rana,  
(Special Invitee)

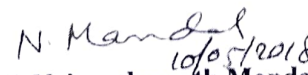
  
Dr. Vivek Sharma,  
(Special Invitee)

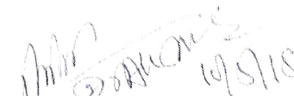
  
Dr. Rakesh Chauhan  
(Special Invitee)

  
Dr. P. Aparoy  
(VC's Nominee)

  
Dr. Vikram Singh  
(VC's Nominee)

  
Prof. Desh Raj Thakur  
(Subject Expert)

  
Prof. Nripendranath Mandal  
(Subject Expert)

  
Prof. Ambrish Kumar Mahajan  
Chairman & Convener





Semester	Total Credits	Elective-Open	Credits	Semester	Total Credits	Electives (Specialization)	Credits						
3 <sup>rd</sup>	4	CBB 518: Elements of Systems Biology	4										
		CBB 515: CADD <i>Computer aided drug discovery</i>	4										
		CBB 504: Genomics and Proteomics	4										
3 <sup>rd</sup>	8	Electives (Specialization)		4 <sup>th</sup>	8	Entomology          Fish, Fisheries and Linnology	ZOO 571 A: Pesticides Hazards and Environment ZOO 572 A: Insect Control and IPM ZOO 573 A: Agricultural Entomology ZOO 575: Entomology Lab - I ZOO 561 A: Fish Taxonomy and Physiology ZOO 562 A: Fish and Fisheries of India ZOO 563: Linnology of Lakes, Streams and Ponds ZOO 566: Fisheries and Linnology Lab - I						
		2	Entomology					ZOO 574 (A): Medical Entomology	2				
		2						ZOO 576: Entomology Lab - II	2				
		2	Fish, Fisheries and Linnology					ZOO 565: Fish Diseases and Control	2				
		2						ZOO 567 : Fisheries and Linnology Lab - II	2				
								ZOO 599: M.Sc. Dissertation				4	

*Handwritten notes:*  
 8/10/18  
 N. V. Gupta  
 10/05/2018

*Handwritten notes:*  
 8/10/18  
 3/10/18  
 10/05/18

*Handwritten notes:*  
 T. Ape Raj  
 10/05/18

*Handwritten notes:*  
 10/05/18  
 10/05/18  
 10/05/18  
 N. V. Gupta  
 10/05/2018