



Research Degree Committee(RDC)  
Central University of Himachal Pradesh  
Dharamshala, Kangra



Date:19<sup>th</sup> December 2022.

A meeting of the Research Degree Committee (RDC) of Central University of Himachal Pradesh is organized on 19<sup>th</sup> December 2022 at 11.30 AM in Offline / Online mode to discuss the Ph.D. synopsis of RD scholars of the Department of Animal Science, School of Life Sciences, CUHP.

1.1. Ph.D Synopsis on “USE OF DNA BARCODES FOR THE IDENTIFICATION OF FISH DIVERSITY IN RIVER BEAS IN HIMACHAL PRADESH, INDIA” by Kushal Thakur (CUHP20RDANS07) under the supervision of Dr. Rakesh Kumar

1.2. Ph.D. Synopsis on “ECO FRIENDLY MANAGEMENT OF MAJOR MUSHROOM FLIES ASSOCIATED WITH *AGARICUS BISPORUS* (LANGE) IMBACH (AGARICACEAE: AGARICALES)” by Kumari Ruchika (CUHP20RDANS06) under the supervision of Prof. Sunil Kumar

1.3. Ph.D. Synopsis on “STUDIES ON GREEN SYNTHESIZED NANOPARTICLES AGAINST *MELOIDOGYNE INCOGNITA* (KOFOID & WHITE) CHITWOOD, (HETERODERIDAE: TYLENCHIDA)” by Kanika Choudhary (CUHP20RDANS05) under the supervision of Prof. Sunil Kumar

1.4. Ph.D. Synopsis on “EVALUATION OF NEMATICIDAL EFFICACY OF GREEN SYNTHESIZED NANOPARTICLES AGAINST CITRUS NEMATODE, *TYLENCHULUS SEMIPENETRANS* (COBB, 1913) (TYLENCHULIDAE: TYLENCHIDA)” by Jigmet Yangchan (CUHP20RDANS04) under the supervision of Prof. Sunil Kumar

1.5. Ph.D. Synopsis on “ASSESSMENT OF GROUNDWATER ARSENIC CONTAMINATION IN SOME DISTRICTS OF HIMACHAL PRADESH AND ITS CORRELATION WITH HEALTH EFFECTS” by Geetika (CUHP20RDANS03) under the supervision of Dr. Ranjit Kumar

1.6. Ph.D. Synopsis on “STUDIES ON EVALUATION OF CADMIUM REMOVAL POTENTIAL OF LACTIC ACID BACTERIA” by Disha Chauhan (CUHP20RDANS02) under the supervision of Dr. Ranjit Kumar

1.7. Ph.D. Synopsis on “LIMNOLOGICAL STUDIES WITH REFERENCE TO PLANKTON AND MICROBIAL DIVERSITY OF BANER, A RIVULET OF RIVER BEAS IN HIMACHAL PRADESH” by Bhavna (CUHP20RDANS01) under the supervision of Dr. Rakesh Kumar



F.No: Animal Science/1-2/RDC/CUHP/22

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
(Established under Central Universities Act 2009)



Date: 19.12.2022

**Minutes of the 1st RDC (Research Degree Committee) meeting  
held on 19<sup>th</sup> December, 2022**

A meeting of first RDC (Research Degree Committee) of the Department of Animal Science, School of Life Sciences, Central University of Himachal Pradesh, Shahpur Parisar Shahpur was convened through hybrid mode (<https://meet.google.com/rak-bdbc-fjo>) on 19<sup>th</sup> December, 2022 at 11:30 AM in the Seminar Hall, Central University of Himachal Pradesh Shahpur Parisar Shahpur under the chairmanship of Prof. Pardeep Kumar, Dean, School of Life Sciences.

**The following Statutory officials and members attended the meeting:**

1. Prof. Pardeep Kumar, Dean, School of Life Sciences
2. Prof. Sunil Kumar, Head, Department of Animal Science
3. Prof. Rajeshwar Chandel, Vice Chancellor, Dr. Y. S. Parmar University of Horticulture and Forestry Nauni, Solan, HP.
4. Prof. R. Jindal, Dept. of Zoology, Panjab University Chandigarh.
5. Prof. Desh Raj Thakur, Department of Biosciences, HPU Shimla.
6. Dr. Rakesh Kumar, Assistant Professor, Department of Animal Science.
7. Dr. Ranjit Kumar, Assistant Professor, Department of Animal Science.
8. Dr. Reshma Sinha, Assistant Professor, Department of Animal Science.

Prof. Sunil Kumar Head, Department of Animal Science welcomed all the members of the committee and briefed about the past activities and also about the various agenda items to be discussed in the meeting which were sent in advance to all members through e-mail including outside experts. Agenda items were placed before the committee and after detailed discussion and deliberations on each, the following decisions were taken:

**AGENDA ITEM NO. – ANS- RDC-1/22-1**

Synopsis presentation and annual progress report presentation of the PhD. Students of the Department of Animal Science.

Pardeep

Sunil  
19/12

Rajeshwar

R. Jindal

Desh Raj Thakur  
19.12.22



**Decision:** Students has presented their synopsis and work progress report in RDC very well and experts suggested a few changes in synopsis/title of students which are attached herewith:

1.1. Ph.D Synopsis on **“USE OF DNA BARCODES FOR THE IDENTIFICATION OF FISH DIVERSITY IN RIVER BEAS IN HIMACHAL PRADESH, INDIA”** by **Kushal Thakur (CUHP20RDANS07)** under the supervision of **Dr. Rakesh Kumar** has been approved by the committee with aforementioned title.

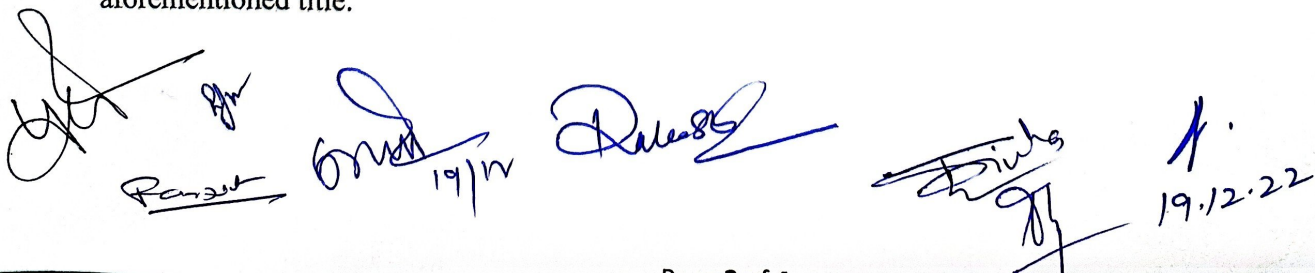
1.2. Ph.D. Synopsis on **“ECO-FRIENDLY MANAGEMENT OF MAJOR MUSHROOM FLIES ASSOCIATED WITH *AGARICUS BISPORUS* (LANGE) IMBACH (AGARICACEAE: AGARICALES)”** by **Kumari Ruchika (CUHP20RDANS06)** under the supervision of **Prof. Sunil Kumar** has been approved by the committee with aforementioned title.

1.3. Ph.D. Synopsis on **“STUDIES ON GREEN SYNTHESIZED NANOPARTICLES AGAINST *MELOIDOGYNE INCOGNITA* (KOFOID & WHITE) CHITWOOD (HETERODERIDAE: TYLENCHIDA)”** by **Kanika Choudhary (CUHP20RDANS05)** under the supervision of **Prof. Sunil Kumar** has been approved by the committee with aforementioned title.

1.4. Ph.D. Synopsis on **“EVALUATION OF NEMATICIDAL EFFICACY OF GREEN SYNTHESIZED NANOPARTICLES AGAINST CITRUS NEMATODE, *TYLENCHULUS SEMIPENETRANS* COBB (TYLENCHULIDAE: TYLENCHIDA)”** by **Jigmet Yangchan (CUHP20RDANS04)** under the supervision of **Prof. Sunil Kumar** has been approved by the committee with aforementioned title.

1.5. Ph.D. Synopsis on **“ASSESSMENT OF GROUNDWATER ARSENIC CONTAMINATION IN SOME DISTRICTS OF HIMACHAL PRADESH AND ITS CORRELATION WITH HEALTH EFFECTS”** by **Geetika (CUHP20RDANS03)** under the supervision of **Dr. Ranjit Kumar** has been approved by the committee with aforementioned title.

1.6. Ph.D. Synopsis on **“STUDIES ON EVALUATION OF CADMIUM REMOVAL POTENTIAL OF LACTIC ACID BACTERIA”** by **Disha Chauhan (CUHP20RDANS02)** under the supervision of **Dr. Ranjit Kumar** has been approved by the committee with aforementioned title.

Handwritten signatures and dates at the bottom of the page. From left to right: a signature with 'Ranjit' written below it; a signature with '19/12' written below it; a signature with 'Rakesh' written below it; a signature with '19.12.22' written below it; and a signature with '19.12.22' written below it.

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1.7. Ph.D. Synopsis on "LIMNOLOGICAL STUDIES WITH REFERENCE TO PLANKTON AND MICROBIAL DIVERSITY OF BANER, A RIVULET OF RIVER BEAS IN HIMACHAL PRADESH" by Bhavna (CUHP20RDANS01) under the supervision of Dr. Rakesh Kumar has been approved by the committee with aforementioned title.

**AGENDA ITEM NO. - ANS- RDC-1/22-2**

Proposal for allotment of Co-Supervisor for Research Degree Scholar Ms. Deepa Devi (CUHP21RDANS021).

**Decision:** RDC members, Prof. D. R. Thakur and Prof. R. Jindal discussed on the issue of allotment of Co-supervisor with other members and accorded the approval to Ms. Deepa Devi (CUHP21RDANS021) to work with Dr. Ray Singh Meena (NIT Hamirpur) as Co-supervisor for her PhD work, after getting consent from competent authorities of NIT Hamirpur.

**AGENDA ITEM NO. - ANS- RDC-1/22-3**

Proposal for allotment of Co-Supervisor for Research Degree Scholar Ms. Bhawna (CUHP20RDANS01).

**Decision:** RDC members Prof. D.R. Thakur and Prof. R Jindal discussed on the issue of allotment of Co-supervisor with other members and accorded the approval to Ms. Bhawna (CUHP20RDANS01) to work with Dr. Harinder Singh Banyal, Associate Professor, Department of Biosciences, HPU, Shimla as Co-supervisor for her PhD work, after getting consent from competent authorities of HPU Shimla.

**AGENDA ITEM NO. - ANS- RDC-1/22-4**

Cancellation of Co-supervisor ship of Bhagat Singh with reference to letter no. 2k18/PHDBT/18/8674-82 Dated: 28.07.2022.

**Decision:** Member of the committee agreed for cancellation of Co-supervisorship of Mr. Bhagat Singh who was enrolled under Dr. Rakesh Kumar (Assistant Professor, Department of Animal Science, CUHP) as proper cancellation request is received from Delhi Technical University for the same.

**AGENDA ITEM NO.- ANS- RDC-1/22-5**

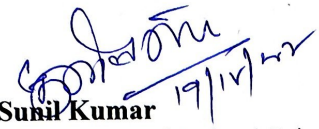
Any other agenda will be discussed after the permission of Head, Department of Animal Science.

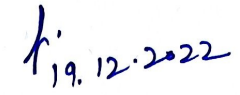



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**Decision:** Members discuss on outcomes of Research Progress of Research Scholars and satisfied with the same.


The meeting ended with a vote of thanks to the chair.

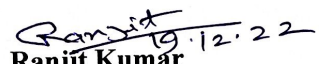
  
**Prof. Sunil Kumar**  
Head, Department of Animal Science  
(Member)


  
**Prof. Rajeshwar Chandel**  
Vice Chancellor, Dr. Y. S. Parmar  
University Naini, Solan (HP)  
(External Expert)


  
**Prof. Desh Raj Thakur**  
Deptt. of Biosciences, HPU Shimla  
(External Expert)

  
**Prof. R. Jindal**  
Deptt. of Zoology, Punjab University  
Chandigarh (External Expert)

  
**Dr. Rakesh Kumar**  
Astt. Prof., Department of Animal Science  
(Member)

  
**Dr. Ranjit Kumar**  
Astt. Prof., Department of Animal Science  
(Member)

  
**Dr Reshma Sinha**  
Astt. Prof., Department of Animal Science  
(Special Invitee)

  
**Prof. Pardeep Kumar**  
Dean School of Life Sciences, CUHP  
(Chairman)