



**OFFICE OF DEAN RESEARCH STUDIES**  
**UNIVERSITY OF JAMMU**

MINUTES OF THE MEETING OF THE BOARD OF RESEARCH STUDIES IN THE FACULTY OF LIFE SCIENCES FOR THE SESSION, SEPTEMBER, 2024 HELD ON 16.12.2024 AT 11:00 A.M. IN THE OFFICE OF THE DEAN RESEARCH STUDIES.

**PRESENT**

1. Prof. Neelu Rohmetra (In Chair)  
Dean Research Studies;
2. Prof. Yash Pal Sharma  
Department of Botany  
Dean, Faculty of Life Sciences;
3. Prof. Namrata Sharma  
Department of Botany;
4. Prof. Jyoti Vakhlu  
School of Biotechnology;
5. Prof. Veenu Kaul  
Department of Botany;
6. Prof. Piyush Malviya  
Department of Environmental Science;
7. Prof. B.K. Bajaj  
School of Biotechnology;
8. Prof. Sanjana Kaul  
School of Biotechnology;
9. Prof. Madhulika Bhagat  
School of Biotechnology;
10. Prof. Susheel Verma  
Department of Botany;
11. Prof. Pankaj Kumar  
Department of Zoology

  
Dealing Assistant

  
Head Assistant

  
Section Officer

  
Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

In the introductory remarks, the Dean Research Studies welcomed the members of BORS in the Faculty of Life Sciences and thereafter Assistant Registrar (R&A) took up the Agenda for deliberations on the items:-

**ITEM NO. 1:**

Considered the confirmation of the Minutes of the meeting of the Board of Research Studies in *Life Sciences* held on 07.06.2024 as already circulated.

**RESOLVED** that the Minutes of the meeting of the Board of Research Studies in Life Sciences held on 07.06.2024, as already circulated are confirmed.

**ITEM NO. 2:**

Considered the Progress Reports of the Research Scholars pursuing research leading to the Degree of Doctor of Philosophy in the Faculty of *Life Sciences*.

**RESOLVED** that the Progress Reports of the registered research scholars pursuing research leading to the Degree of Doctor of Philosophy in the Faculty of *Life Sciences* be placed on record. The HOD concerned shall initiate the **process for cancellation** of registration of those scholars under rules whose **three** consecutive progress reports have not been received by the Department after giving three notices to the candidate with the consent of the Supervisor and case be sent through DRC for cancellation of registration. The cases for cancellation of Registration which are pending due to non-submission of NOC by the scholar concerned, the HOD may obtain the NOC from the concerned offices/libraries through e.mail and send the cases to the office of DRS for further course of action.


**ITEM NO. 3:**


Considered the recommendations of the Departmental Research Committees of the Department of Environmental Sciences, Botany & Zoology for grant of extension in favour of following scholars of the respective Departments w.e.f. the dates/s as shown against each in below table for two years beyond three years in the period for submission of Ph.D. theses in Faculty of Life Science:

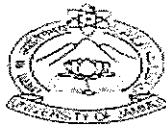
S.No	Name of the Candidate	Subject	Supervisor	Date of Registration	Extension required	w.e.f.
1	Antima Gupta	Env. Sc.	Dr. Rakesh Kumar & Dr. Sudesh Yadav (Co-Sup.)	04.08.2021	2 years	04.08.2024 to 03.08.2026

  
Dealing Assistant

  
Head Assistant

  
Section Officer

  
Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

2	Shiny Singh	Botany	Prof. Yash Pal Sharma	10.08.2021	2years	10.08.2024 to 09.08.2026
3	Pooja Devi	Botany	Dr. Geeta	10.08.2021	2years	10.08.2024 to 09.08.2026
4	Neha Devi	Botany	Prof. Namrata Sharma	10.08.2021	2years	10.08.2024 to 09.08.2026
5	Sugandhi Gupta	Botany	Prof. Veenu Kaul	10.08.2021	2years	10.08.2024 to 09.08.2026
6	Masood Ahamed	Botany	Prof. Yash Pal Sharma	10.08.2021	2years	10.08.2024 to 09.08.2026
7	Shahnaz Tabassum	Zoology	Prof. Seema Langer	28.09.2021	2 years	28.09.2024 to 27.09.2026


**RESOLVED** that in accordance with Ph.D Statutes 2019, the recommendations of the Departmental Research Committees of the Department of Env. Sc., Botany & Zoology respectively, for grant of extension in favour of scholars mentioned above w.e.f. the dates as shown against each, for two years beyond three years in the period for submission of Ph.D. theses in Faculty of Life Sciences are approved.

**ITEM NO. 4**

Considered the recommendations made by the Departmental Research Committees of School of Biotechnology & Department of Env. Sc. regarding extension beyond five years of below mentioned scholars for pursuing research leading to the award of Degree of Doctor of Philosophy in the Faculty of Life Sciences:

S. No.	Name	Department	Name of the Supervisor	Date of registration	Extension w.e.f.
1.	Anjum Imtiaz	Biotechnology	Prof. Sanjana Kaul	02.09.2019	02.09.2024
2.	Ashish Raina	Biotechnology	Prof. Sanjana Kaul	30.09.2019	30.09.2024
3.	Maheen Fatima	Env. Sc.	Prof. Anil K. Raina & Dr. Rakesh Kumar	24.07.2019	24.07.2024
4.	Ratica Mohan	Env. Sc.	Prof. Anil K. Raina & Prof. Piyush Malaviya	01.11.2019	01.11.2024

**RESOLVED** that in accordance with Ph.D Statutes 2019, the recommendations made by the Departmental Research Committees of School of Biotechnology & Environmental Sciences

  
Dealing Assistant

  
Head Assistant

  
Section Officer

  
Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

respectively, regarding extension beyond five years (one year in case of male scholars and three years in case of female scholars), in favour of scholars mentioned above for pursuing research leading to the award of Degree of Doctor of Philosophy in the Faculty of Life Sciences are approved.

**ITEM NO. 5:**

Considered the recommendations made by the Departmental Research Committee of the Department of Botany regarding extension beyond six years in favour of Akashdeep Sharma for pursuing research leading to the award of Degree of Doctor of Philosophy in the Faculty of Life Sciences:

S. No.	Name	Department	Name of the Supervisor	Date of registration	Extension w.e.f.	%age of work done
1.	Akashdeep Sharma	Botany	Dr. Geeta	28.08.2018	28.08.2024 for one year	90%

**RESOLVED that** in accordance with Ph.D Statute, 2019 based on the recommendations made by the Departmental Research Committee of the Department of Botany regarding extension beyond six years in favour of Akashdeep Sharma for pursuing research leading to the award of Degree of Doctor of Philosophy in the Faculty of Life Sciences and considering the requirement in view of advance stage of research progress, BORS approved extension upto 27.08.2025 However, no further extension shall be granted. The matter shall be confirmed in the Academic Council meeting.

**ITEM NO. 6:**

Considered the recommendations of the Departmental Research Committee regarding appointment of Prof. Pankaj Kumar, Professor, Department of Zoology, University of Jammu, Dr. Amit Gupta, Associate Professor, Department of Zoology, University of Jammu & Dr. Shash Pal, Assistant Professor, Department of Zoology, University of Jammu as Supervisors to guide Ph.D students.

**RESOLVED that** in accordance with Ph.D Statute, 2024 based on the recommendations of the Departmental Research Committee of Department of Zoology, Prof. Pankaj Kumar, Professor, Department of Zoology, University of Jammu, Dr. Amit Gupta, Associate Professor, Department of Zoology, University of Jammu & Dr. Shash Pal, Assistant Professor, Department of Zoology, University of Jammu are approved as Research Supervisors to guide Ph.D scholars.

**ITEM NO. 7:**

Considered the recommendations of the Departmental Research Committees of the School of Biotechnology, Environmental Sciences & Botany for conversion from whole-time to part-time registration in favour of below mentioned scholars:-

Dealing Assistant

Head Assistant

Section Officer

Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

S. No	Name of the Candidate	Subject	Supervisor	Date of Registration	Date of joining
1	Nipunta	Biotechnology	Dr. Ritu Mahajan	03.08.2021	06.06.2024
2	Anuradha	Env. Sc.	Prof. Piyush Malaviya	04.02.2019	09.05.2024
3	Neha	Botany	Prof. Namrata Sharma	30.05.2022	28.08.2024
4	Jayoti Devi	Botany	Prof. Namrata Sharma	01.01.2021	19.09.2024

**RESOLVED** that in accordance with Ph.D Statutes 2019, the recommendations of the Departmental Research Committees of the School of Biotechnology & the Departments of Environmental Sciences & Botany respectively for conversion of status from whole-time to part-time registration in favour of scholars mentioned above are approved.

**ITEM NO. 8:**

Considered the recommendations of the Departmental Research Committee for Constitution of Research Advisory Committee in the School of Biotechnology.

S.No.	Name of the Candidate	Research Advisory Committee (RAC)
1.	Makul Mahato (Session 2024)	1. Prof. Madhulika Bhagat (Convener) 2. Dr. Ritu Mahajan (Member) 3. Dr. S.Bharathiraja (Member)

**RESOLVED** that in accordance with Ph.D Statute, 2024 based on the recommendations of the Departmental Research Committee for constitution of Research Advisory Committee (RAC) for above mentioned scholar admitted in Session 2024 is approved.

**ITEM NO. 9:**

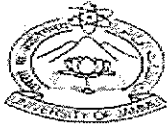
Considered the recommendations of the Departmental Research Committee regarding approval of Prof. Rupam Kapoor, Professor, Department of Botany, University of Delhi as Co-supervisor of Ms. Sumeeta Devi and Ms. Jyoti Kaushal, Ph.D scholars in School of Biotechnology working under the supervision of Prof. Sanjana Kaul.

Dealing Assistant

Head Assistant

Section Officer

Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

**RESOLVED** that based on the recommendations of the Departmental Research Committee of the School of Biotechnology, Prof. Rupam Kapoor, Professor, Department of Botany, University of Delhi is approved as Co-supervisor for Ms. Sumeeta Devi and Ms. Jyoti Kaushal, Ph.D scholars in Biotechnology working under the supervision of Prof. Sanjana Kaul, School of Biotechnology. Supervisor, Prof. Sanjana Kaul justified that the said expertise required for supervising these scholars was not available in house with University of Jammu. Hence, the requirement to involve Professor Rupam Kapoor from Department of Botany, University of Delhi.

**ITEM NO. 10:**

**Considered the recommendations of the Departmental Research Committee for precision of the research title of Ajaz Ansari, Research scholar in the Department of Environmental Sciences:**

**RESOLVED** that the recommendation of the Departmental Research Committee for precision of the research title of Ajaz Ansari registered w.e.f. 05.06.2023 in department of Environmental Sciences is approved.

The title after precision reads as under:-

**“Ecological dynamics of large carnivores in Paddar Valley, J&K, India”**

  
Dealing Assistant

  
Head Assistant

  
Section Officer

  
Assistant Registrar




UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024


**ITEM NO. : 11**


CONSIDERED THE RECOMMENDATIONS OF THE DEPARTMENTAL RESEARCH COMMITTEES FOR Ph.D REGISTRATION OF THE FOLLOWING CANDIDATES IN THE FACULTY OF LIFE SCIENCES FOR THE SESSION SEPTEMBER, 2024.

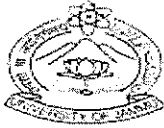
S. No.	NAME OF THE SCHOLAR & STATUS	ACADEMIC QUALIFICATION/S	UNIVERSITY	TOPIC OF RESEARCH	SUPERVISOR/ CO-SUPERVISOR	DOR	FEE DETAILS	REMARKS, IF ANY / VACANCY
I) DEPARTMENT OF ZOOLOGY								
1	Sonali Sharma D/o Joginder Paul (Whole-time) 1766GDCKA17	M.Sc. (2022) Zoology CGPA – 9.00 CSIR-UGC-NET-JRF, GATE Entrance test/Course work pass	University of Jammu	Taxonomic characterization and biocontrol potential of entomopathogenic nematodes of Kathua district (J&K)	Dr. Ripu Daman Parihar	06.10.2023	Receipt No. 1699 Dated: 26.09.2024	Approved
2	Indu Bharti D/o Khaminder Kumar (Whole-time) 961WCPRD13	M.Sc. (2018) Zoology CGPA 9.08 NET for Asstt. Prof., GATE M.Phil (2023) Entrance test pass Research and Publication Ethics pass	University of Jammu	Molecular genetic study of $\beta$ - thalassemia patients and trios in the population of Jammu province	Dr. Parvinder Kumar	10.10.2023	Receipt No. 1700 Dated: 26.09.2024	Approved
3	Janvi Sharma D/o Ajit Raj (Whole-time) 66PGD-ZOOL-20	M.Sc. (2022) Zoology CGPA-9.13 Entrance test/Course work pass	University of Jammu	Exploring the neurocognitive links to physical activity in young adults	Dr. Chinmoyee Maharana	06.10.2023	Receipt No. 1698 Dated: 26.09.2024	Synopsis is referred back to DRC regarding reflection of scope of work and modification in

  
Dealing Assistant

  
Head Assistant


  
Section Officer


  
Assistant Registrar




UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

									the title. DRS is authorized to approve the modified synopsis on the recommendations of DRC & Dean Faculty of Life Sciences.
4	Tanishq Kour D/o Balvinder Singh (Whole-time) 104PGZOO21	M.Sc. (2023) Zoology NET Entrance test/Course work pass	University of Jammu	Molecular genetic profiling of Duchenne Muscular Dystrophy (DMD) in the population of Jammu and Kashmir	Dr. Rakesh Kumar	06.10.2023	Receipt No. 1701 Dated: 26.09.2024	Approved	
II)	DEPARTMENT OF ENVIRONMENTAL SCIENCES								
5	Rekha Kumari D/o Roshan Lal Sharma (Whole-time) 512WDCGN11	M.Sc. (2017) EVS CGPA – 8.17 NET, SET M.Phil (2022) Entrance test pass Research and Publication Ethics pass	University of Jammu	Development of <i>Canna indica</i> -based phytoremediation system for greywater treatment	Prof. Piyush Malaviya	12.10.2023	Receipt No. 1688 Dated: 25.09.2024	Approved	
III)	SCHOOL OF BIOTECHNOLOGY								
6	Tanvi Kotwal D/o Sudershan Kotwal (Whole-time) 40-PG-MICRO-BIO-20	M.Sc. (2022) Microbiology CGPA – 9.06 Entrance test/Course work pass	University of Jammu	Understanding the microbiome associated with <i>Morchella esculenta</i> – soil complex for community composition and functional attributes	Prof. Yash Pal Khajuria	15.10.2023	Receipt No. 6521 Dated: 23.07.2024	Approved	

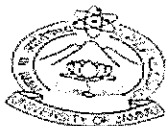
  
Dealing Assistant

  
Head Assistant

  
Section Officer

  
Assistant Registrar








UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

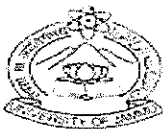
7	Shallu Changotra D/o Rash Pal Changotra (Whole-time) 539GDCKA12	M.Sc. (2017) Biotechnology 1 <sup>st</sup> Div. B.Ed. (2020) CSIR-UGC-NET Entrance test/Course work pass	Arni University  University of Jammu	Molecular insights into increase of saffron yield in <i>Crocus sativus</i> by plant growth promoting <i>Bacillus</i> sp. Strain D5	Prof. Jyoti Vakhlu	26.06.2023	Receipt No. 7970 Dated: 06.03.2024	Approved
8	Rama Sharma D/o Om Parkash Sharma (Whole-time) 16PGDBCH16	M.Sc. (2018) Biochemistry CGPA – 9.96 M.Phil (2022) Research and Publication Ethics pass	University of Jammu	Understanding the genetic basis of rare genetic disorders in some population groups of Jammu and Kashmir	Prof. M.K. Dhar & Dr. Nisha Kapoor (Co- supervisor)	26.06.2023	Receipt No. 7972 Dated: 06.03.2024	Referred back to DRC for precision of topic. DRS is authorized to approve the modified synopsis on the recommendatio ns of DRC & Dean Faculty of Life Sciences. Further the Supervisor to be nominated by DRC as per Clause 14 (ii) of Ph.D Statutes, 2019, as the proposed Supervisor is on deputation vide Order No. Adm/TW/23/60 64-6113 dated 31.01.2023.

  
Dealing Assistant

  
Head Assistant

  
Section Officer

  
Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

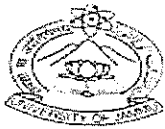
9	Sumeeta Devine D/o Rattan Lal (Whole-time) 1280WCPRD13	M.Sc. (2018) - Biochemistry CGPA – 8.77 M.Phil (2023) Research and Publication Ethics pass	University of Jammu	Understanding the role of Arbuscular Mycorrhizal Fungi on plant growth and hormone regulation in saffron ( <i>Crocus sativus</i> L.) plant	Prof. Sanjana Kaul (Supervisor ) & Dr. Rupam Kapoor (Co- supervisor)	12.07.2023	Receipt No. 7969 Dated: 06.03.2024	Approved with inclusion of Co- Supervisor. Title page to be submitted for record.
10	Tania Sagar D/o Sagar Kumar Sharma (Whole-time) 30150HIMDC2014	M.Sc. (2019) Biotechnology CGPA – 8.50 M.Phil (2023) Research and Publication Ethics pass	University of Jammu	Molecular insights into diversity and abiotic stress in <i>Amaranthus caudatus</i> L.	Dr. Ritu Mahajan	26.06.2023	Receipt No. 8234 Dated: 12.03.2024	Synopsis is referred back to DRC to specify the stress conditions & methodology for the study of same DRS is authorized to approve the modified synopsis on the recommendatio ns of DRC & Dean Faculty of Life Sciences.
11	Jyoti Kaushal D/o Krishan Kumar (Whole-time) 60-Ph.D-Bio-Tech-24	M.Sc. (2018) Microbial Biotechnology CSIR-UGC-NET Course work pass	Panjab University	Deciphering Arbuscular Mycorrhiza mediated modulation of secondary metabolites in saffron ( <i>Crocus sativus</i> L.) plant	Prof. Sanjana Kaul (Supervisor ) & Dr. Rupam Kapoor (Co- supervisor)	26.06.2023	Receipt No. 7971 Dated: 06.03.2024	Approved with inclusion of Co- Supervisor. Title page to be submitted for record. Migration Certificate is to be submitted to the Registration Section.

Dealing Assistant

Head Assistant

Section Officer

Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

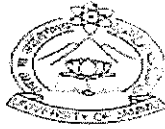
12	Sushmeeta Baj D/o Kuldeep Raj (Whole-time) 30019WDCGN2014	M.Sc. (2019) Biotechnology CGPA – 9.08 M.Phil (2023) Publication & Ethics Course work pass	University of Jammu	Development of smart coating infused with essential oil against apricot pathogens	Prof. Madhulika Bhagat	26.06.2023	Receipt No. 8233 Dated: 12.03.2024	Approved
13	Ankita Singh D/o Kanail Singh (Whole-time) 2509GDCKA16	M.Sc. (2021) Human Genetics CGPA – 8.88 GATE Course work pass	University of Jammu	Studies on metastasis modulators for therapeutics in breast cancer	Prof. Madhulika Bhagat	12.07.2023	Receipt No. 1939 Dated: 13.07.2023	Approved
IV)	INSTITUTE OF HUMAN GENETICS							
14	Surbhi Pathania D/o Pardeep Singh (Whole-time) 30013GDSCA2014	M.Sc. (2019) Human Genetics CGPA – 8.88 CSIR-UGC-NET Entrance test/Course work pass	University of Jammu	Molecular and Cytogenetic Investigation in children born with Congenital Anomalies and their Psychological Impact on family members in Jammu Region of UT J&K	Dr. Parvinder Kumar	12.10.2023	Receipt No. 1689 Dated: 25.09.2024	Synopsis is referred back to DRC to reexamine in the light of discussion held in BORS meeting. DRS is authorized to approve the modified synopsis on the recommendatio ns of DRC & Dean Faculty of Life Sciences.
V)	DEPARTMENT OF BOTANY							
15	Prakriti Rajput D/o Subash Singh (Whole-time) 31PGDBOT18	M.Sc. (2020) Botany CGPA – 8.50 M.Phil (2023), SET	University of Jammu	Functional characterization of candidate gene(s) involved in low phosphate tolerance in <i>Zea mays</i> L. using CRISPR-Cas9 system	Dr. Sikander Pal	13.06.2023	Receipt No. 7721 Dated: 12.08.2024	Approved  To send title Page of

Dealing Assistant

Head Assistant

Section Officer

Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

		Research and Publication Ethics pass						synopsis with Date of Registration
16	Vasundra Sharma D/o Rattan Lal (Whole-time)	M.Sc. (2017) Botany CGPA – 8.42 M.Phil (2023), GATE Research and Publication Ethics pass	Hemvati Nandan Bahuguna Garhwal University, Srinagar (Garhwal), Uttarakhand	Cross-cultural ethnobotany of dye yielding plants of Jammu region with emphasis on chemical evaluation of some of these species	Dr. Harish Chander	24.05.2023	Receipt No. 3206 Dated: 22.05.2024	Approved To send title Page of synopsis with Date of Registration Migration Certificate is to be submitted to Registration Section

**NOTE:**

1. The candidates mentioned at S.No. 1 to 16 are required to submit an affidavit duly attested by first class Magistrate to the effect that he/she has not joined/engaged any type of regular/private/adhoc/contractual job to the office of DRS for timely issuance of registration letters.
2. The candidates at S.No. 3, 8, 10 & 14 are required to submit the revised/modified synopsis as indicated against him/her within one month from the date of issuance of minutes of the meeting of BORS. The revised synopsis be signed by the DRC and duly recommended & forwarded by Dean concerned, certify that the suggestions/corrections have been incorporated in the synopsis. The changes made in the revised synopsis be highlighted.

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

Sd/-  
**DEAN RESEARCH STUDIES**

Dealing Assistant

Head Assistant

Sd/-  
**VICE-CHANCELLOR**

Section Officer

Assistant Registrar



UNIVERSITY OF JAMMU  
MINUTES OF LIFE SCIENCES (SESSION SEPTEMBER, 2024)  
DATED: 16.12.2024

RA/MTS/BORS/25/ 5107-19  
Dated: 15/01/2025

Copy to:-

1. Spl. Secy. to Vice Chancellor for kind information of worthy Vice Chancellor.
2. Dean Research Studies for kind information.
3. Prof. \_\_\_\_\_, Head, Department of \_\_\_\_\_, with the request to circulate the minutes among all the Supervisors concerned and also to initiate follow up action.
4. Prof. \_\_\_\_\_, Department of \_\_\_\_\_, Member of BORS, University of Jammu.
5. Department of \_\_\_\_\_ for office record and further follow up action.
6. Incharge Website for uploading the same on the Website.

Assistant Registrar (R&A)

14/1/2025

14/01/25

Dealing Assistant

Head Assistant

Section Officer

Assistant Registrar