



University of Kashmir, Srinagar

Minutes of the meeting of Board of Research Studies in Biological Sciences held on 16-09-2025 at 10:30 A. M. in the Old Committee Room of the Administration Block.

Present:

01. **Prof. Nilofer Khan** (Chairperson)
Vice-Chancellor
02. **Prof. Shariefuddin Pirzada**
Dean Academic Affairs
03. **Prof. M. S. Bhat**
Dean Research
04. **Prof. Abdul Hameed Wani**
Dean, School of Biological Sciences
05. **Prof. Naseer Iqbal**
Registrar
06. Director, CORD
07. Head, Deptt. of Zoology
08. Head, Deptt. of Botany
09. Head, Deptt. of Biochemistry
10. Head, Deptt. of Clinical Biochemistry
11. Head, Deptt. of Biotechnology
12. Head, Deptt. of Biochemistry, GMC, Sgr.
13. Head, Deptt. of Nanotechnology
14. **Prof. Anureet Kaur Chandi**
(Principal Entomologist)
Punjab Agriculture University, Punjab
15. **Prof. Satwinderjeet Kaur**
Department of Botanical & Environmental Sciences
Guru Nank Dev University, Amritsar
16. **Dr. Jamal Dar**
Principal Scientist,
Indian Institute of Integrative Medicine, Jammu
17. Co-ordinator, Bioresources
18. Co-ordinator, CIRI

Assistant Registrar (Research) was also present.

At the outset, Dean Research welcomed the members and requested Hon'ble Vice-Chancellor for his introductory remarks. The Hon'ble Vice-Chancellor appreciated the research overall being

done by the Science departments. Besides, Vice-chancellor impressed that the course work examination should be conducted on time and dates for the purpose should be notified by the Deans of the Schools well in advance and she impressed upon concerned Heads of Deptts. that meetings of Research Progress Assessment Committees (RPAC), Departmental Research Committees and Board of Research Studies should be held on time, so that the scholars do not suffer

Thereafter, the Dean Research introduced the agenda of the BORS for discussion.

Item

No.01 Perused the action taken report on the minutes of the last meeting of the BORS in Biological Sciences held on 06-06-2024 & 07-06-2024.

Resolved that the action taken report on the minutes of the last meeting of BORS in Biological Sciences held on **06-06-2024 & 07-06-2024**, be placed on record.

Item

No. 02 Confirmation of the minutes of the BORS meeting held on 06-06-2024 & 07-06-2024 in Biological Sciences (already circulated).

Resolved that the minutes of the last meeting of the BORS in Biological Sciences held on **06-06-2024 & 07-06-2024**, was confirmed.

Item

No. 03 Considered the request of seven (07) Teachers/Doctors for grant of recognition as Co-guides in various disciplines.

Resolved that the following teachers/Doctors granted recognition to act as co-guides in the discipline shown against each:-

<i>S. No</i>	<i>Name of the Teacher/Scientists/Doctors</i>	<i>Subject/Discipline</i>
01.	Dr. Sharada Mallubhotla Potukuchi Associate Professor Shri Mata Vaishno Devi University, Katra	Botany
02.	Dr. Ubaid Yaqoob Assistant Professor, Deptt. of Botany Higher Education Deptt. Govt. J&K	Botany
03.	Dr. Bilal Ahmad Teli Assistant Professor, Deptt. of Botany S.P. College, Sgr	Botany
04.	Dr. Geeta Assistant Professor, Deptt. of Botany, University of Jammu	Botany
05.	Dr. Junaaid Ahmad Associate Professor, Deptt. of Microbiology Govt. Medical College, Baramulla	Microbiology
06.	Dr. Raja Amir Hassan Kuchay Assistant Professor, Deptt. of Biotechnology BGSB, University Rajouri	Clinical Biochemistry
07.	Dr. Farooq Ahmad Ganai Associate Professor SKIMS, Soura, Sgr.	Clinical Biochemistry

Item

- No.04** Considered the request of Head, Deptt. of Botany for clarification whether Prof. Irshad A. Nawchoo will act as main supervisor of the candidates allotted to him or the respective co-supervisor will act as main guide.

Resolved that a committee is to be constituted by the Dean Research to discuss the matter and put up the case to vice-Chancellor for approval.

Item

- No.05** Considered the request of Mr. Rameez Nazir Rather, Integrated Ph.D scholar, Deptt. of Botany for grant of extension for submission of thesis.

Resolved that post-COVID extension granted in respect of Mr. Rameez Nazir Rather, Integrated Ph.D scholar, Deptt. of Botany and scholar is required to submit Ph.D thesis by or before 31-10-2025.

Item

- No.06** Considered the request of Mr. Abrar Ahmed for reconsider his Ph.D admission in CORD duly recommended by the DRC, Director, CORD.

Resolved that Mr. Abrar Ahmed be asked to apply afresh for Ph.D admission.

Item

- No.07** Considered the request made by Ms. Summia Rehman, Deptt. of Botany for grant of extension/re-registration.

Resolved that the following committee was constituted to re-examine the case of Ms. Summia Rehman, Deptt. of Botany:-

1. Dean Research (Chairman)
2. Prof. B.A. Ganai
Director, CORD
3. Prof. Rabia
Head, Deptt. of Nanotechnology

Item

- No.08** Ratification the action taken by the Vice-Chancellor in having authorized one month condonation of delay for submission of Ph.D thesis in respect of Ms. Snober Shabeer Wani, Integrated Ph. D Scholar in the discipline of Biochemistry.

Resolved that the action taken by the Vice-Chancellor in having authorized one month condonation of delay for submission of Ph.D thesis in respect of Ms. Snober Shabeer Wani, Integrated Ph. D Scholar in the discipline of Biochemistry, **has been ratified.**

Item

- No.09** Considered the grant of registration in favour of the candidates listed in annexure A-H for pursuit of Ph.D programme on whole-time/part-time basis, as detailed in the respective annexures against each candidate in the following disciplines comprised in the School of Biological Sciences:-

- | | | |
|---------------------------------|-------------------------|------------------------|
| A. Botany | B. Biotechnology | C. Bioresources |
| D. Clinical Biochemistry | E. CIRI | F. CORD |
| G. Nanotechnology | H. Zoology | |

Resolved that the candidates listed in annexure “A” to “H” be registered for pursuit of Ph.D programme on whole-time/part-time basis subject to fulfillment of conditions (if any) as shown against each.

T. Item

No. 01 Considered the synopsis (given in annexure) for grant of registration and confirmation of the action taken by the Vice-Chancellor in having shifting of Ph.D admission from the Deptt. of Bioresources to CORD and change of supervisor from Dr. Manzoor Ahmad Mir, Deptt. of Bioresources to Prof. B.A. Ganai, CORD in favour of following candidate for pursuit of Ph. D programme on whole-time basis in CORD:-

S. No	Name of the candidate	Name of the supervisor	Proposed topic of research
01.	Burhan Ul Haq Ph.D Whole-time basis Reg. No.139-BPH-2015 Discipline: Biotechnology	Prof. B.A. Ganai	Combating the molecular complexity of hepatocellular carcinoma with a computational and experimental framework for phytochemical-based therapeutics

Resolved that Mr. Burhan Ul Haq registered for pursuit of Ph.D on whole-time basis on the above topic of research and supervisor.

Further, action taken by the Vice-Chancellor in having shifting of Ph.D admission from the Deptt. of Bioresources to CORD and change of supervisor from Dr. Manzoor Ahmad Mir, Deptt. of Bioresources to Prof. B.A. Ganai, CORD in his favour for pursuit of Ph. D programme on whole-time basis in CORD, **has been ratified.**

Sd/-
Vice-Chancellor

Sd/-
Dean Research



UNIVERSITY OF KASHMIR, SRINAGAR
OFFICE OF THE DEAN RESEARCH

No: F (BORS-Biological Scs) KU/25
Dated: November 28, 2025

- Copy of the approved minutes alongwith statement of particulars of the candidates forwarded to the Dean School of Biological Sciences for necessary action.

Assistant Registrar
(Research)

Annexure-A

Discipline: Botany

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre</i>	<i>Remarks</i>
01.	Aabida Ishrath Ph.D UGC-NET-JRF/SET Whole-time Reg. No.10428-GBL-2014	Prof. Zahoor Ahmad Kaloo Dr. Shahzad A. Pandith Assistant Professor Deptt. of Botany, Central University of Kashmir (Co-supervisor)	<i>In vitro</i> establishment, temporal phytochemical dynamics and assessment of heat stress on the metabolic and biochemical profile of <i>Ajuga parviflora</i> Benth.	<i>In vitro</i> establishment, temporal phytochemical dynamics and assessment of heat stress on the metabolic and biochemical profile of <i>Ajuga parviflora</i> Benth.	17-08-2022	
02.	Suhail Bashir Ph.D UGC-NET-JRF/GATE Whole-time Reg. No.28080-SJ-2014	Prof. Manzoor Ahmad Shah Dr. Adil Gani Associate Professor Deptt. of Food Science & Tech University of Kashmir, Sgr (Co-supervisor)	Utilization based management of select major invasive plant species of Kashmir Himalaya	Utilization based management of select major invasive plant species of Kashmir Himalaya	17-08-2022	
03.	Sameer Ahmad Sofi Ph.D UGC-NET-JRF/SET/GATE Whole-time Reg. No.5142-BPB-2015	Prof. Anzar Ahmad Khuroo	Taxonomic diversity, functional traits and ethnobotany of family Rosaceae in Kashmir Himalaya	Taxonomic diversity, functional traits and ethnobotany of family Rosaceae in Kashmir Himalaya	12-08-2022	

04.	Zarina Khatoon Ph.D UGC-NET-JRF/SET Whole-time Reg. No.6039-KR-2015	Prof. Seema Singh Dr. Sharada Mallubhotla Potukuchi Associate Professor (SMVDU), Katra, Jammu (Co-supervisor)	Studies on <i>in vitro</i> propagation, elevational impact on secondary metabolite production, and hairy root culture in <i>Codonopsis clematidea</i> (Schrenk) C.B.Clarke	Studies on <i>in vitro</i> propagation, elevational impact on secondary metabolite production, and hairy root culture in <i>Codonopsis clematidea</i> (Schrenk) C.B.Clarke	22-08-2022	
05.	Aabroo Fatima Qazi Ph.D CSIR-UGC-NET Whole-time Reg. No.184-PHD-2022	Dr. Irfan Rashid Associate Professor Dr. Zafar A. Reshi Ex-Professor Deptt. of Botany University of Kashmir, Sgr. (Co-supervisor)	Linking belowground fungal communities with aboveground vegetation composition across treeline ecotones in the Pir Panjal range, Kashmir Himalaya	Linking belowground fungal communities with aboveground vegetation composition across treeline ecotones in the Pir Panjal range, Kashmir Himalaya	23-08-2022	

06.	Kanize Fatima Ph.D UGC-NET-JRF/GATE Whole-time Reg. No.2534-LC-2013	Prof. Seema Singh Dr. Sharada Mallubhotla Potukuchi Associate Professor (SMVDU), Katra, Jammu (Co-supervisor)	Studies on <i>in vitro</i> propagation, phytochemical screening and hairy root culture in <i>Berberis ulicina</i> Hook.f. & Thomson	Studies on <i>in vitro</i> propagation and phytochemical screening in <i>Berberis ulicina</i> Hook.f. & Thomson	17-08-2022	Topic modified.
07.	Asima Rashid Ph.D UGC-NET/SET Whole-time Reg. No.3876-BPB-2013	Prof. Zahoor Ahmad Kaloo Prof. Manzoor Ahmad Shah Dr. Mohammad Arief Zargar Assistant Professor Deptt. of Botany Sgr. (Co-supervisor)	Threat assessment, conservation status and chemical profiling of <i>Angelica glauca</i> Edgew. with special reference to micropropagation and predictive modelling	Threat assessment, conservation status and chemical profiling of <i>Angelica glauca</i> Edgew. with special reference to micropropagation and predictive modelling	17-08-2022	
08.	Asiya Mahmood Ph.D UGC-NET Whole-time Reg. No.28470-PC-2013	Prof. Abdul Hamid Wani Prof. Mohd Yaqub Bhat Deptt. of Botany University of Kashmir, Sgr. (Co-supervisor)	Studies on diversity of aquatic fungi from select water bodies of Kashmir Valley	Studies on diversity of aquatic fungi from select water bodies of Kashmir Valley	17-08-2022	

09.	Waseema Jan Ph.D UGC-NET-JRF/SET Whole-time Reg. No.23307-PC-2011	Prof. Abdul Hamid Wani Prof. Mohd Yaqub Bhat Deptt. of Botany University of Kashmir, Sgr (Co-supervisor)	Studies on endophytic mycobiome associated with maize, <i>Zea mays</i> L.	Studies on endophytic mycobiome associated with maize, <i>Zea mays</i> L.	23-08-2022	
10.	Bazillah Farooq Ph.D UGC-NET/GATE Whole-time Reg. No.66545-W-2014	Prof. Seema Singh Prof. Irshad A. Nawchoo Ex-Professor Deptt. of Botany University of Kashmir, Sgr (Co-supervisor)	Conservation strategies and phytochemical analysis of <i>Aralia cachemirica</i> Decne. across different habitats of Kashmir Himalaya	Conservation strategies and phytochemical analysis of <i>Aralia cachemirica</i> Decne. across different habitats of Kashmir Himalaya	18-08-2022	
11.	Rather Ruheela Rasool Ph.D UGC-NET/GATE Whole-time Reg. No.7461-TC-2014	Prof. Seema Singh Prof. Irshad A. Nawchoo Deptt. of Botany University of Kashmir, Sgr (Co-supervisor)	Phytochemical profiling of <i>Dolomiaea macrocephala</i> DC.ex Royle in Kashmir Himalaya and utilization of seed biology and <i>in vitro</i> propagation for its conservation	<i>In vitro</i> propagation, seed biology and phytochemical profiling of <i>Dolomiaea macrocephala</i> DC.ex Royle in Kashmir Himalaya	18-08-2022	Topic modified.

12.	Mudasir Abdullah Ph.D UGC-NET- JRF/SET/GATE Whole-time Reg. No.75266-ANG-2014	Dr. Zafar A. Reshi Ex-Professor Deptt. of Botany Dr. Sagar Pandit Associate Professor IISER, Pune	Understanding the ecological effects of volatile organic compounds from <i>Anthemis cotula</i> L. on native plant-insect interactions in Kashmir Himalaya, India	Understanding the ecological effects of volatile organic compounds from <i>Anthemis cotula</i> L. on native plant-insect interactions in Kashmir Himalaya, India	20-08-2022	
13.	Rahil Rafiq PhD. UGC-NET Whole-time Reg. No.13218-KUL-2014	Prof. Seema Singh Dr. Mohammad Younis Dar Research Officer (Chemistry) (Co-supervisor)	Studies on <i>in vitro</i> propagation, secondary metabolite enhancement and optimization of extraction parameters in <i>Heracleum pinnatum</i> C. B. Clarke	<i>In vitro</i> propagation and bioactive secondary metabolite enhancement in <i>Heracleum pinnatum</i> C.B.Clarke	18-08-2022	Topic modified.
14.	Jasie Hamid Ph.D JRF Whole-time Reg. No. not given	Dr. Riffat John Dr. Mehanathan Muthamilarasan Assistant Professor University of Hyderabad	Understanding the role of jasmonic acid in tomato flower development under cold stress	Understanding the role of jasmonic acid in tomato flower development under cold stress	24-08-2022	

15.	<p>Sherish Fayaz Ph.D UGC-NET-JRF/SET Whole-time Reg. No.30843-AW-2014</p>	<p>Prof. Mohd Yaquab Bhat</p> <p>Prof. Abdul Hamid Wani Deptt. of Botany University of Kashmir (Co-supervisor)</p>	<p>Studies on fungal endophytes of apple, <i>Malus domestica</i> Borkh.</p>	<p>Studies on fungal endophytes of apple, <i>Malus domestica</i> Borkh. in Kashmir</p>	17-08-2022	Topic modified.
16.	<p>Tasavur Ahad PhD. UGC-NET-JRF Whole-time Reg. No.66777-W-2014</p>	<p>Prof. Zafar A. Reshi Ex-Professor Deptt. of Botany</p>	<p>Disentangling effects of urbanization and road disturbance on alien plant invasions along an elevation gradient in Kashmir Himalaya, India</p>	<p>Disentangling effects of urbanization and road disturbance on alien plant invasions along an elevation gradient in Kashmir Himalaya, India</p>	18-08-2022	

17.	Yaseen Maqbool Bhat PhD JRF/SET Part-time Reg. No.22367-BC-2009	Prof. Mohd Yaquub Bhat Prof. Abdul Hamid Wani Deptt. of Botany University of Kashmir (Co-supervisor)	Exploring the diversity and potential of plant growth promoting rhizobacteria (PGPR) associated with some species of <i>Digitalis</i> in Kashmir Himalaya	Exploring the diversity and potential of plant growth promoting rhizobacteria (PGPR) associated with some species of <i>Digitalis</i> in Kashmir Himalaya	07-10-2022	
18.	Rohid Rasheed PhD. JRF Whole-time Reg. No.53562-A-2015	Prof. Irshad A. Nawchoo Ex-Professor Deptt. of Botany Dr. Mohammad Arief Zargar Assistant Professor Deptt. of Botany University of Kashmir, Sgr (Co-supervisor)	Assessment of phytochemical and physiological changes in response to ecological conditions and the development of a conservation protocol for <i>Dactylorhiza hatagirea</i> (D. Don) Soo	Assessment of phytochemical and physiological changes in response to ecological conditions and the development of a conservation protocol for <i>Dactylorhiza hatagirea</i> (D. Don) Soo	28-08-2023	

19.	Mohammad Mehdi PhD. JRF Whole-time Reg. No. Not given	Prof. Irshad A. Nawchoo Ex-Professor Deptt. of Botany Prof. Anzar Ahmad Khuroo (Co-supervisor)	Studies on floristic diversity, natural history traits and enthnobotany of Hemis High altitude National Park, Ladakh	Studies on floristic diversity, natural history traits and enthnobotany of Hemis High altitude National Park, Ladakh	01-09-2023	
20.	Mehnaz Bano Ph.D. UGC-NET Part-time Reg. No. Nott given	Prof. Aijaz Ahmad Wani Dr. Geeta Associate Professor Deptt. of Botany, University of Jammu	Studies on genetic diversity in Pearl millet, <i>Cenchrus americanus</i> (L.) Morrone from Jammu and Kashmir	Studies on genetic diversity in Pearl millet, <i>Cenchrus americanus</i> (L.) Morrone from Jammu and Kashmir	29-04-2024	
21.	Shivani Sharma Ph.D (In-service candidate) SET part-time Reg. No. Not given	Prof. Mohd Yaqub Bhat Prof. Abdul Hamid Wani Prof. Anzar A. Khuroo Prof. Prem Lal Uniyal Deptt. of Botany University of Delhi (Co-supervisor)	Taxonomic, ethnobotanical and antimycotic studies on bryoflora of Hirpora wildlife sanctuary of Kashmir Valley	Taxonomic, ethnobotanical and antimycotic studies on bryoflora of Hirpora wildlife sanctuary of Kashmir Valley	20-11-2023	

22.	<p>Maqsooma Bano Ph.D JRF Whole-time Reg. No.5254-KR-2014</p>	<p>Dr. Latif A. Peer Associate Professor</p> <p>Dr. Bilal Ahmad Mir Assistant Professor Deptt. of Botany, North Campus (Co-supervisor)</p>	<p>Understanding the phenotypic plasticity and podophyllotoxin accumulation in <i>Podophyllum hexandrum</i> Royale along elevational gradients of Kargil and Kashmir regions of Trans- Himalaya</p>	<p>Phenotypic plasticity and podophyllotoxin accumulation in <i>Podophyllum hexandrum</i> Royale along elevational gradients of Kargil and Kashmir regions</p>	28-08-2023	Topic modified.
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*Annexure-B**Discipline: Biotechnology*

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre</i>	<i>Remarks</i>
01.	Rafia Khazer Ph.D UGC-NET/GATE Whole-time Reg. No.61646-W-2012	Prof. Firdous Ahmad Khanday	Elucidating the role of Alpha 1 Syntrophin and BAG3 in cytoskeletal remodeling: Implications on cell-proliferation	Elucidating the role of Alpha 1 Syntrophin and BAG3 in cytoskeletal remodeling: Implications on cell growth and proliferation	16-09-2022	Topic modified.
02.	Adan Hafiz Ph.D UGC-NET Whole-time Reg. No.30652-IC-2011	Dr. Abrar Ahmad Qurashi Assistant Professor	Understanding molecular basis of CGG repeat mediated neurodevelopmental defects	Understanding molecular basis of CGG repeat mediated neurodevelopmental defects	16-09-2022	
03.	Mudasir Manzoor Reshi Ph.D UGC-NET-JRF Whole-time Reg. No.45847-S-2012	Dr. Abrar Ahmad Qurashi Assistant Professor	Pathogenic effects of expanded CGG repeats on chromatin structure and gene expression	Pathogenic effects of expanded CGG repeats on chromatin structure and gene expression	16-09-2022	

04.	Waseem Rashid Lone Ph.D Whole-time Reg. No.47613-S-2013	Prof. Khurshid Iqbal Andrabi Dr. Asiya Batool INSPIRE Faculty (Co-supervisor)	Understanding the molecular mechanisms of translational reprogramming during cancer	Understanding the mechanism of cancer progression via eIF4E-mediated translational control axis	19-10-2023	Topic modified.
05.	Asima Amin Ph.D GATE/SET Whole-time Reg. No.68791-W-2015	Prof. Firdous Ahmad Khanday	Understanding the Regulation of BAG3 in Alzheimer's disease	Understanding the Regulation of BAG3 in Alzheimer's disease	04-09-2023	
06.	Rayees Ahmad Rather Ph.D GATE Whole-time Reg. No.7261-KUL-2010	Prof. Ehtishamul Haq Dr. Riffat John Associate Professor Deptt. of Botany (Co-supervisor)	Omics analysis of red clover (<i>Trifolium pratense</i> L.) across altitudinal gradients in the Kashmir Himalaya	Omics analysis of red clover, <i>T. pratense</i> L. across altitudinal gradients in the Kashmir Himalaya	01-11-2023	Topic modified.

07.	Sarvar Hussain Mir Ph.D. GATE Whole-time Reg. No.34376-BC-2014	Prof. Ehtishamul Haq	Inositol requiring enzyme- 1 directed regulation of cellular collagen trafficking to adjust the secretome under endoplasmic reticulum stress	Inositol requiring enzyme- 1 directed regulation of cellular collagen trafficking to adjust the secretome under endoplasmic reticulum stress	19-10-2023	Deptt. of Biotechnology is required to submit a separate proposal regarding co- supervision of Dr. Younis Hazari Ramalingaaswami Fellow alongwith following documents for consideration by competent authorities: i. C.V of the Teacher ii. Copies of appointment/ confirmation orders. iii. NOC from Employer. iv. DRC recommendations.
08.	Azka Manzoor Khan Ph.D GATE Whole-time Reg. No.34686-IC-2014	Dr. Ajaz ul Hamid Wani Scientist-D Dr. Shaheena Parveen Assistant Professor SKIMS, Soura (Co-supervisor)	Genome-wide profiling of Gastric Carcinoma in Kashmiri population	Genome-wide profiling of Gastric Carcinoma in Kashmiri population	19-10-2023	

*Annexure-C**Discipline: Bioresources*

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre</i>	<i>Remarks</i>
01.	Nusrat Jan Ph.D GATE Whole-time Reg. No.31383-BC-2012	Dr. Manzoor Ahmad Mir Associate Professor	Investigating novel retinoids for triple-negative breast cancer using drug repurposing approach	Investigating novel retinoids for triple-negative breast cancer using drug repurposing approach	06-01-2023	
02.	Azha Ufaq Nabi Ph.D GATE Whole-time Reg. No.66669-W-2014	Dr. Reiaz Ul Rehman Associate Professor	Biochemical and physiological aspects of salinity stress on starch metabolism in <i>Setaria italica</i> L.	Biochemical and physiological aspects of salinity stress on starch metabolism in <i>Setaria italica</i> L.	03-08-2023	

03.	Faamiya Shajar Ph.D GATE Whole-time Reg. No.67103-W-2014	Dr. Reiaz Ul Rehman Associate Professor	Role of micronutrients in reclaiming <i>Panicum miliaceum</i> L. from salinity stress	Role of micronutrients in reclaiming <i>Panicum miliaceum</i> L. from salinity stress	01-09-2022	
04.	Amina Manzoor Ph.D Whole-time Reg. No.61250-W-2012	Dr. Reiaz Ul Rehman Associate Professor	Elucidating the role of polyamine biosynthesis pathway under salt stress in <i>Panicum miliaceum</i> L.	Elucidating the role of polyamine biosynthesis pathway under salt stress in <i>Panicum miliaceum</i> L.	18-08-2022	

*Annexure-D**Discipline: Clinical Biochemistry*

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre</i>	<i>Remarks</i>
01.	Zainab Manzoor Ph.D UGC-NET-JRF Whole-time Reg. No.42392-SP-2015	Prof. Fouzia Rashid Dr. Raja Amir Assistant Professor Deptt. of Biotechnology, Baba Ghulam Shah Badshah University, Rajori Dr. Farooq Ahmad Ganai Associate Professor SKIMS, Soura, Sgr. (Co-supervisor)	Genetic and Physiological Evaluation of Hypoxic Adaptation and Pro-coagulant Response in the Transhumant Pastoralist Gujjar Bakarwal Tribes of J and K	Genetic and Physiological Evaluation of Hypoxic Adaptation and Pro-coagulant Response in the Transhumant Pastoralist Gujjar Bakarwal Tribes of J and K	01-08-2023	
02.	Quratul Quadir Ph.D JRF Whole-time Reg. No.47106-S-2012	Dr. Showkat Ahmad Ganie Assistant Professor Dr. Asia Assistant Professor Deptt. of Biotechnology Central University of Kashmir Dr. Natasha Thakur Associate Professor Surgical Oncology, SKIMS, Sgr	Expression profiling of Immunomodulatory checkpoints and their association with expression of DR5 and wnt-3a in breast cancer patients	Expression profiling of Immunomodulatory checkpoints and their association with expression of DR5 and wnt-3a in breast cancer patients	18-11-2022	

03.	Owais Hassan Wani Ph.D GATE Whole-time Reg. No. Not given	Dr. Tanveer Ali Dar Associate Professor	Effect of Small molecule ligands on structure- function integrity of Acetylcholinesterase and β -amyloid aggregation	Effect of Small molecule ligands on structure-function integrity of Acetylcholinesterase and β - amyloid aggregation	17-11-2022	
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S. No.	Name of the Scholar	Name of the Supervisor	Proposed Topic of Research	Approved Topic of Research	Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre	Remarks
01.	Nibras Ph.D UGC-NET-JRF Whole-time Reg. No.59824-W-2011 Zoology	Dr. Javaid Yousuf Bhat Ramalingaswami Fellow	Biochemical and structural characterisation of a AAA+ protein, CDC48.3 from <i>Caenorhabditis elegans</i>	Biochemical and structural characterisation of a AAA+ protein, CDC48.3 from <i>Caenorhabditis elegans</i>	13-12-2023	
02.	Mohsin Hassan Ph.D GATE Whole-time Reg. No.48585-S-2014 Chemistry	Dr. Gulzar Ahmad Bhat Assistant Professor Deptt. of Chemistry University of Kashmir	Explorations into sustainable synthesis of cyclic and polymeric carbonates	Explorations into sustainable synthesis of cyclic and polymeric carbonates	21-09-2022	

03.	<p>Irteza Qayoom Ph.D NET Whole-time Reg. No.</p> <p>Environmental Sc.</p>	<p>Dr. Gulzar Ahmad Bhat Assistant Professor Deptt. of Chemistry University of Kashmir</p> <p>Dr. Irfan Rashid Associate Professor Deptt. of Geo-informatics (Co-supervisor)</p>	Assessment of microplastic pollution in aquatic ecosystems of Kashmir	Assessment of microplastic pollution in aquatic ecosystems of Kashmir	28-10-2022	
04.	<p>Iqra Mohmood Ph.D CSIR-NET/GATE Whole-time Reg. No. 33504-IC-2013</p> <p>Biochemistry</p>	<p>Dr. Javaid Yousuf Bhat Ramalingaswami Fellow</p>	Biochemical characterisation of YehL, a AAA+ MoxR chaperone from <i>E. coli</i>	Biochemical characterisation of YehL, a AAA+ MoxR chaperone from <i>Escherichia coli</i>	28-10-2022	
05.	<p>Lubna Rasool Ph.D GATE Whole-time Reg. No.1605-PGD-2019</p> <p>Biochemistry</p>	<p>Dr. Mohd Altaf Bhat Assistant Professor</p> <p>Prof. Sheikh Mushtaq Deptt. of Pediatrics, Children Hospital Bemina, Sgr. (Co-supervisor)</p>	Understanding the role of RNA binding protein, vigilin in autism related disorders	Understanding the role of RNA binding protein, vigilin in autism related disorders	30-08-2022	

06.	<p>Tabasum Bashir Ph.D UGC-NET-JRF/GATE Whole-time Reg. No.36261-SP-2011</p> <p>Biotechnology</p>	<p>Dr. Rafeeq Ahmad Mir Ramalingaswami Fellow</p> <p>Dr. Mohd Altaf Bhat Assistant Professor (Co-supervisor)</p>	<p>Role of Parkinson's disease associated vacuolar protein sorting (VPS35) in global genome organisation</p>	<p>Role of Parkinson's disease associated vacuolar protein sorting (VPS35) in global genome organisation</p>	22-08-2022	
07.	<p>Saniya Parvaiz Ph.D GATE Whole-time Reg. No.68746-W-2015</p> <p>Clinical Biochemistry</p>	<p>Dr. Abdul Wajid Bhat Ramanujan Fellow</p> <p>Dr. Aijaz ul Hamid Wani Scientist-D Deptt. of Biotechnology (Co-supervisor)</p>	<p>Role of Protein Kinase CK2 in 3D genome organization and global gene expression</p>	<p>Role of Protein Kinase CK2 in 3D genome organization and global gene expression</p>	23-08-2022	
08.	<p>Raja Rehman Ph.D UGC-NET-JRF Whole-time Reg. No.13303-KUL-2014</p>	<p>Dr. Mohd Altaf Bhat Assistant Professor</p> <p>Prof. Shamim Ahmad Shah Deptt. of Geography & Disaster Management (Co-supervisor)</p>	<p>Geo-spatial analysis of pesticide exposure among the agricultural population of South Kashmir, its impact on the epigenetic landscape of tumour suppressor genes</p>	<p>Geo-spatial analysis of pesticide exposure among the agricultural population of South Kashmir and its impact on the epigenetic landscape of tumour suppressor genes</p>	22-08-2022	Topic modified.

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre</i>	<i>Remarks</i>
01.	Rizwana Ali Rather Ph.D GATE Whole-time Reg. No. 68424-W-2015 Microbiology	Dr. Ruqeya Nazir Associate Professor Dr. Rabia Khurshid Sirwal Professor Deptt. of Obstetrics and Gynecology SKIMS, Soura (Co-supervisor)	Combating antimicrobial resistance with bacteriocin producing probiotic lactic acid bacteria: A Study in human breast milk	Combating antimicrobial resistance with bacteriocin producing probiotic lactic acid bacteria: A Study in human breast milk	13-09-2023	
02.	Talib Shareef Ph.D ICAR-NET Whole-time Reg. No.35605-BC-2015 Microbiology	Prof. B.A. Ganai Dr. Junaid Ahmad Associate Professor Deptt. of Microbiology GMC, Baramulla (Co-supervisor)	Unraveling antibiotic resistance in critical priority pathogens and identifying novel potential drugs through molecular docking analysis	Unraveling antibiotic resistance in critical priority pathogens and identifying novel potential drugs through molecular docking analysis	29-08-2022	

03.	Tanveer Ahmad Mir Ph.D DBT-JRF/ICAR-NET/GATE Whole-time Reg. No.1522-PGD-2018	Prof. B.A. Ganai Dr. Junaid Ahmad Associate Professor Deptt. of Microbiology GMC, Baramulla	Phenotypic and genotypic characterisation of pathogens causing urinary tract infections and screening of plant bioactive compounds as potential antibiotics	Phenotypic and genotypic characterisation of pathogens causing urinary tract infections and screening of plant bioactive compounds as potential antibiotics	29-08-2022	
	Microbiology					
04.	Syed Nasir Ahmad Ph.D ICAR-NET/GATE Whole-time Reg. No. 53575-A-2015	Dr. Sumira Tyub Scientist	Diversity of microbiome in the soil samples of Greater Himalayan treeline species	Diversity of microbiome in the soil samples of Greater Himalayan treeline species	29-08-2022	
	Microbiology					
05.	Mudasir Ahmad Dar Ph.D ICAR-NET Whole-time Reg. No.45539-A-2010	Dr. Ruqeya Nazir Associate Professor	Unravelling sustainable bioprocessing: Maximizing the potential of microbial extremozymes (psychrozymes) for plant biomass conversion	Unravelling sustainable bioprocessing: Maximizing the potential of microbial extremozymes (psychrozymes) for plant biomass conversion	13-10-2022	
	Microbiology					

*Annexure-G**Discipline: Nanotechnology*

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre</i>	<i>Remarks</i>
01.	Subzar Ah Ganaie Ph.D Whole-time Reg. No.6427-BJB-2014 Nanotechnology	Dr. Tariq Maqbool Assistant Professor Deptt. of Nanotechnology	Development of plant-based bioactive hybrid scaffolds for sustainable tissue engineering applications	Development of plant-based bioactive hybrid scaffolds for sustainable tissue engineering applications	10-02-2023	
02.	Rabia Rakhshan Ph.D Whole-time Reg. No.55345-W-2009 Clinical Biochemistry	Dr. Mushtaq A. Beigh Assistant Professor Prof. Rabia Hamid (Co-supervisor)	Understanding the regulation of grainy-head like 2 (GRHL2) target gene expression: Implications in regulating breast cancer heterogeneity	Understanding the regulation of grainy-head like 2 (GRHL2) target gene expression: Implications in regulating breast cancer heterogeneity	10-02-2023	

03.	Muheeb Rafiq Ph.D Whole-time Reg. No.48359-S-2014	Dr. Faheem Arjamend Assistant Professor	Ph.D registration cancelled.			
04.	Umar Manzoor Bhat Ph.D Whole-time Reg. No.1588-PGD-2018 Nanotechnology	Dr. Shafquat Majeed Assistant Professor	Synergistic effect of rare-earth dopants and microwave-assisted synthesis on the opto-catalytic properties of gallium oxide (Ga ₂ O ₃) nanostructures	Synergistic effect of rare-earth dopants and microwave-assisted synthesis on the opto-catalytic properties of gallium oxide (Ga ₂ O ₃) nanostructures	10-02-2023	

S. No.	Name of the Scholar	Name of the Supervisor	Proposed Topic of Research	Approved Topic of Research	Date of joining as per joining report allowed by the Head/Director of the Deptt/ Centre	Remarks
01.	Mir Humaira Ali Ph.D JRF/UGC-NET-GATE Whole-time Reg. No.16316-KC-2014	Prof. Fayaz Ahmad Dr. Ghulam Nabi Bader Assistant Professor Deptt. of Pharmaceutical Sciences (Co-supervisor)	Phytochemical and antibacterial evaluation of <i>Swertia kashmirensis</i> and its nano formulation against pathogenic bacteria infesting fishes of Kashmir Valley	Phytochemical and antibacterial evaluation of <i>Swertia kashmirensis</i> and its nano formulation against pathogenic bacteria infesting fishes of Kashmir Valley	31-07-2023	
02.	Jasmeena Syed Ph.D UGC-NET-JRF/GATE Whole-time Reg. No.222-PHD-2022	Prof. Fayaz Ahmad Dr. Ibraq Khurshid Assistant Professor Central University of Kashmir (Co-supervisor)	Assessment of Phytochemical profiling and antibacterial activity of <i>Artemisia vestita</i> Wall. Ex Besser against select pathogenic bacterial strains of fish	Assessment of Phytochemical profiling and antibacterial activity of <i>Artemisia vestita</i> Wall. Ex Besser against select pathogenic bacterial strains of fish	25-08-2022	
03.	Adil Shafi Ahanger Ph.D UGC-NET-JRF/GATE Whole-time Reg. No.43677-S-2010	Prof. Abdul Ahad Buhroo	Studies on the taxonomy and distribution of aquatic beetles (Coleoptera: Dytiscidae) in Kashmir	Studies on taxonomy and distribution of aquatic beetles (Coleoptera: Dytiscidae) in Kashmir	30-08-2022	Topic modified.

04.	Riyaz Ahmad Ph.D UGC-NET-JRF/SET Whole-time Reg. No.230-PHD-2022	Prof. Imtiaz Ahmed Khan Prof. Firdous A. Khanday Deptt. of Biotechnology (Co-supervisor)	Characterization of bacterial diseases in rainbow trout, <i>Oncorhynchus mykiss</i> cultured in Ladakh trans-Himalayan region	Characterization of bacterial diseases in rainbow trout, <i>Oncorhynchus mykiss</i> cultured in Ladakh trans-Himalayan region	01-09-2022	
05.	Bazila Rehman Ph.D CSIR-UGC-NET Whole-time Reg. No.32470-PC-2015	Prof. Tariq Ahmad Prof. Barkat Hussain Division of Entomology SKUAST-K, Sgr (Co-supervisor)	A study on insecticidal resistance in diamond back moth, <i>Plutella xylostella</i> (Lepidoptera: Plutellidae) infesting major cruciferous crops	Studies on insecticidal resistance in diamondback moth, <i>Plutella xylostella</i> (Lepidoptera: Plutellidae) infesting major cruciferous crops	02-09-2022	
06.	Mir Humaira Ph.D UGC-NET/GATE Whole-time Reg. No.3891-BPB-2013	Prof. Abdul Ahad Buhroo	Taxonomic studies and distribution of Platypodinae and Cossoninae (Coleoptera: Curculionidae) in Kashmir	Taxonomic studies and distribution of Platypodinae and Cossoninae (Coleoptera: Curculionidae) in Kashmir	06-09-2022	

07.	Arzaana Farhat Ph.D UGC-NET- JRF/GATE Whole-time Reg. No.227-PHD-2022	Prof. Abdul Ahad Buhroo	Studies on the taxonomy and distribution of mirid bugs (Hemiptera: Miridae) in Kashmir	Studies on the taxonomy and distribution of mirid bugs (Hemiptera: Miridae) in Kashmir	08-09-2022	
08.	Urooj Un Nisa Ph.D UGC-NET Whole-time Reg. No.68758-W-2015	Prof. Hidayatullah Tak Dr. Ghulam Nabi Bader Assistant Professor Deptt. of Pharmaceutical Sciences (Co-supervisor)	Bio-prospecting of <i>Rheum webbianum</i> Royle against Barber's pole worm, <i>Haemonchus contortus</i> Rudolphi	Bio-prospecting of <i>Rheum webbianum</i> Royle against Barber's pole worm, <i>Haemonchus contortus</i> Rudolphi	12-09-2022	