



University of Kashmir, Srinagar

Minutes of the meeting of Board of Research Studies in Earth & Environmental Sciences held on 14-12-2022 at 11:00 A.M. in the Committee Room of the Administration Block.

Present:

01. *Prof. Nilofer Khan* (Chairperson)
Vice-Chancellor
02. *Prof. F.A. Masoodi*
Dean Academic Affairs
03. *Prof. Irshad A. Nawchoo*
Dean Research
04. *Prof. Shamim Ahmad Shah*
Dean, School of Earth & Environmental Sciences
05. *Dr. Nisar Ahmad Mir*
Registrar
06. *Head, Deptt. of Geography & Disaster Management*
07. *Head, Deptt. of Earth Sciences*
08. *Head, Deptt. of Environmental Sciences*
09. *Head, Deptt. of Geo-informatics*

Assistant Registrar Research was also during the meeting.

At the outset, Dean Research requested the Hon'ble Vice-Chancellor for her valuable introductory remarks. Hon'ble Vice-Chancellor desired that:

1. Topics of research to be assigned to the scholars should be discussed thoroughly in pre-BORS meetings and inputs from the experts in the area of research should be sought in whatever manner possible.
2. 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.
3. Heads of Deptts/Deans of Schools shall ensure that there is no repetition in the topics chosen for research in the allied Centres/Deptts.
4. The faculty may generate resources through extramurally funded projects and efforts should be made to pursue such research themes that have direct relevance to the society.
5. Supervisor/scholar ratio be checked thoroughly while forwarding the list of vacancies to the Dean Research office.

The Dean Research provided a brief summary of the progress and initiatives undertaken in the university recently to improve the sponsored and academic research in the University. 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 Earth & Environmental Sciences held on 12-01-2022.**

Resolved that the action taken report on the minutes of the last meeting of BORS in Earth & Environmental Sciences held on 12-01-2022, **be placed on records.**

Item**No. 02 Confirmation of the minutes of the BORS meeting held on 12-01-2022 in Earth & Environmental Sciences (already circulated).**

Resolved that the minutes of the last meeting of the BORS in Earth & Environmental Sciences held on 12-01-2022, **be confirmed.**

Item**No. 03 Considered the request of three (03) Teachers for grant of recognition to act as co-guides to supervise Ph.D scholars in the discipline of Environmental Science.**

Resolved that the following three teachers be recognized as Co-supervisors in the discipline of Environmental Science:-

| <i>S. No</i> | <i>Name of Teacher</i> |
|--------------|--|
| 01 | Dr. Shabir Ahmad Bangroo Assistant Professor, Division of Soil Science, SKUAST-K |
| 02 | Dr. Javid Ahmad Sofi Assistant Professor, Division of Soil Science, SKUAST-K |
| 03 | Dr. Showkat Shaban Mir Assistant Professor, Govt. College for Women Sopore |

Item**No.04 Considered the request of Mr. Suheel Ahmad Dar to opt-out M.Phil course from I-PhD programme and award M.Phil Degree thereof.**

Resolved that the request of Mr. Suheel Ahmad Dar to opt-out M.Phil course from I-PhD programme and award M.Phil Degree thereof be agreed to.

Item

- No.05** Considered the request of Ms. Bisma Zahoor, for grant of extension/re-registration/COVID-19 extension to her M.Phil registration.

Resolved that extension/re-registration/COVID-19 extension to M.Phil registration in respect of Ms. Bisma Zahoor, **be granted.**

Item

- No.06** Considered the request of Mr. Ferroz Ahmad Ahanger, for grant of extension/re-registration to his Ph.D registration.

Resolved that the extension/re-registration to Ph.D registration in respect of Mr. Ferroz Ahmad Ahanger be granted subject production of whole registration fee.

Item

- No.07** Considered the request of Mrs. Sumaira Shafi, Ph.D research scholar, Deptt. of Environmental Sciences for having put in residency period during winter vacation.

Resolved that residency period availed by Mrs. Sumaira Shafi, Ph.D research scholar, Deptt. of Environmental Sciences during winter vacation be agreed to.

Item

- No.08** Considered the question of grant of registration in favour of the candidates listed in annexure A-D for pursuit of Ph. D/Integrated 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 Earth & Environmental Sciences:-

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|-----------------------------|--------------|------------------|
| A. Environmental Science | B. Geography | C. Earth Science |
| D. Geo-informatics | | |

Resolved that subject to fulfillment of statutory requirements and conditions (if any) in the remarks column shown against each candidates listed in annexures “A” to “D” be registered for pursuit of Ph.D/ Integrated Ph. D programme on whole-time/part-time basis.

Supplementary item

Considered the request made by the two (2) teachers for grant of recognition to act as co-supervisors to supervise Ph. D scholars in the discipline of Geography.

Resolved that the following teachers are required to submit all the relevant documents including research papers through the Deptt. for approval of the Dean Research:-

| <i>S. No</i> | <i>Name of the Teacher</i> |
|--------------|--|
| 01. | Dr. Syed Ajaz Farid Assistant Professor Govt. Degree College, Sopore |
| 02. | Dr. Mohammad Imran Malik Assistant Professor Deptt. of Geography Govt. Degree College, Sogam, Kupwara |

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

Sd/-
Dean Research

Sd/-
Vice-Chancellor



UNIVERSITY OF KASHMIR, SRINAGAR OFFICE OF THE DEAN RESEARCH

No: F (BORS-Earth & Env Scs) KU/23

Dated: June , 2023

- Copy of the approved minutes alongwith statement of particulars of the candidates forwarded to the HOD/Director, _____ for necessary action. Conditions if any contained in the remarks column of the statements may be fulfilled. After verification of the certificates/required documents/submission of registration forms/deposition of admission fee and submission of joining reports, the documents may please be forwarded for reckoning of the registration of the scholars. Before joining eligibility of the candidates for part-time registration is to be checked and concerned allowed to join only after production of permission and leave sanction order from the parent Department.

Assistant Registrar
(Research)

Annexure-A**Department: ENVIRONMENTAL SCIENCE**

| <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>Remarks</i> |
|---------------|---|---|---|---|--|
| 01. | Naveeda Ali Integrated Ph.D Whole-time Reg. No.22105-AW-2009 | Prof. Bashir Ahmad Ganai Prof. M. Sultan (Co-supervisor) | Carbon Stocks in Different Land Uses of Brengi Watershed in Kashmir Himalaya | Carbon Stocks in Different Land Uses of Brengi Watershed in Kashmir Himalaya | |
| 02. | Zulaykha Khurshid Dijoo Integrated Ph.D Whole-time Reg. No.61219-W-2012 | Prof. Bashir Ahmad Ganai | A Prospective Study Using eDNA Concept in Conjunction with Dating Technique for Evaluation of <i>Azolla</i> Invasion and Pollution Chronology in Dal Lake | A Prospective Study Using eDNA Concept in Conjunction with Dating Technique for Evaluation of <i>Azolla</i> Invasion and Pollution Chronology in Dal Lake | The topic retained on the recommendations of the DRC held on 10-03-2023. |
| 03. | Mohmad Younis Dar Integrated Ph.D Whole-time Reg. No.4534-BRU-2014 | Dr. Arshid Jehangir Asstt. Professor Prof. Ghulam Jeelani (Co-supervisor) | Distribution, Sources and Risk Assessment of Heavy Metals in a Mountainous Catchment of Kashmir Himalaya | Distribution, Sources and Risk Assessment of Heavy Metals in a Mountainous Catchment of Kashmir Himalaya | |

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| 04. | Kaneez Fatima Ph.D Whole-time Reg. No.137-Ph.D-2020 | Dr. Mohammad Muslim Asstt. Professor | Climate Vulnerability and Risk Assessment of Livelihood among Farming Community of Ladakh, India | Climate Vulnerability and Risk Assessment of Livelihood among Farming Community of Ladakh, India | |
| 05. | Rameez Ahmad Shah Integrated Ph.D Whole-time Reg. No.64318-ANG-2010 | Dr. Sami Ullah Bhat Prof. S.M.A Andrabi (Co-Supervisor) | Assessment of Groundwater Quality with special emphasis on Micro plastic and Pesticide contamination in Srinagar District | Assessment of Groundwater Quality with special emphasis on Micro plastic and Pesticide contamination in Srinagar District | |
| 06. | Anayat Hussain Integrated Ph.D Whole-time Reg. No.45606-A-2010 | Dr. Mohammad Muslim Asstt. Professor Dr. Shabir Ahmad Bangroo Asstt. Professor SKUAST (Co-Supervisor) | Assessing the Impact of Climate Change on Soil Moisture Regimes of Kashmir Valley | Assessing the Impact of Climate Change on Soil Moisture Regimes of Kashmir Valley | |

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| 07. | Aashiq Hussain Bhat Ph.D Whole-time Reg. No. 22563-SJ-2009 | Dr. Sami Ullah Bhat, Asstt. Professor Dr. Irfan Rashid, Asstt. Professor Deptt. of Botany (Co-Supervisor) | Ecological Studies along the Riparian Habitats of Kishanganga River in Kashmir Himalaya | Ecological Studies along the Riparian Habitats of Kishanganga River in Kashmir Himalaya | |
| 08. | Idrees Yousuf Dar Ph.D Part-time Reg. No.39120-S-2004 | Dr. Arshid Jehangir, Asstt. Professor Prof. Bashir Ahmad Ganai, CORD (Co-Supervisor) | Alteration in micro-RNA's Expression as Toxic-Genomic Response to Air Pollution | Alteration in micro-RNA's Expression as Toxic-Genomic Response to Air Pollution | |
| 09. | Zaiema Rouf Khan Integrated Ph.D Whole-time Reg. No.30579-IC-2011 | Dr. Arshid Jehangir, Asstt. Professor Prof. Bashir Ahmad Ganai, CORD (Co-supervisor) | Evaluation of Human Plasma Metabolome in Response to Air Pollution | Evaluation of Human Plasma Metabolome in Response to Air Pollution | |

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| 10. | Zareena Akhter Ph.D Whole-time Reg. No.2893-BJB-2010 | Dr. Sami Ullah Bhat, Asstt. Professor Dr. Javid Ahmad Sofi Assistant Professor SKUAST-K (Co-Supervisor) | Study of Pesticide Residues in different Components of Wular Lake Ecosystem of Kashmir | Study of Pesticide Residues in different Components of Wular Lake Ecosystem of Kashmir | |
| 11. | Rizwan Mudathir Khandi Integrated Ph.D Whole-time Reg. No.7670-PC-2004 | Dr. Sami Ullah Bhat, Asstt. Professor Dr. Anzar A. Khuroo, Asstt. Professor, Botany (Co-Supervisor) | Registration cancelled on the recommendations of the DRC. | | |

Annexure-B**Department: Geography & Disaster Management**

| <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>Remarks</i> |
|---------------|--|---|---|---|----------------|
| 01. | Huma Rashid Integrated Ph.D Whole-time Reg. No.58730-W-2011 | Prof. Shamim Ahmad Shah | Evaluation of the Informal Sectors of Economy for Promotion of Livelihoods: An Analysis of Srinagar City of Jammu & Kashmir | Evaluation of the Informal Sectors of Economy for Promotion of Livelihoods: An Analysis of Srinagar City of Jammu & Kashmir | |
| 02. | Mehraj-ud-din Wani Integrated Ph.D Whole-time Reg. No.46389-A-2011 | Prof. Shamim Ahmad Shah (Supervisor) Dr. Zubair Ahmad Dada, Asstt. Professor DDE, KU (Co-Supervisor) | Cross Border Tourism and its Impact on Regional Cooperation and Peacebuilding in South Asia | Cross Border Tourism and its Impact on Regional Cooperation and Peacebuilding in South Asia | |
| 03. | Taha Shamim Integrated Ph.D Whole-time Reg. No.51016-A-2013 | Prof. M. Sultan Bhat (Supervisor) Dr. Akhtar Alam Assistant Professor (Co-Supervisor) | Impact of Climate Change on Drought Occurrences in the Upper Indus Basin | Impact of Climate Change on Drought Occurrences in the Upper Indus Basin | |

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| 04. | Abid Farooq Rather Integrated Ph.D Whole-time Reg. No.47720-S-2013 | Prof. Parvez Ahmad | Risk Assessment of Potentially Dangerous Glacial Lakes in a Part of Upper Indus Basin | Risk Assessment of Potentially Dangerous Glacial Lakes in a Part of Upper Indus Basin | |
| 05. | Saima Akhter Integrated Ph.D Whole-time Reg. No.45742-S-2012 | Dr. Mohammad Shafi Bhat, Asstt. Professor | Emerging Patterns of Vegetable Farming and its Supply Chain Management in Kashmir Valley | Emerging Patterns of Vegetable Farming and its Supply Chain Management in Kashmir Valley | |
| 06. | Aqib Rashid Integrated Ph.D Whole-time Reg. No.68746-ANG-2012 | Prof. Shamim Ahmad Shah Dr. Muzaffer Ahmad Wani Assistant Professor Govt. Degree College, Pulwama (Co-Supervisor) | Water Resource Utilization and its Impact on Agriculture in the Upper Jhelum Basin of Kashmir Valley | Water Resource Utilization and its Impact on Agriculture in the Upper Jhelum Basin of Kashmir Valley | |
| 07. | Nazia Banoo Integrated Ph.D Whole-time Reg. No. 46524-S-2012 | Dr. Mohammad Shafi Bhat, Asstt. Professor | Command Area Development Programme for Sustainable Agriculture in Kashmir Valley | Evaluation of Command Area Development Programme: Sustainable Agriculture in Kashmir Valley | Topic modified. |

Annexure-C

Department: Earth Science

| <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>Remarks</i> |
|---------------|--|---|--|--|---|
| 01. | Aadil Mohi ud din Bhat Integrated Ph.D Whole-time Reg. No.46329-S-2012 | Prof. Ghulam Jeelani | Geochemical and Isotopic Characterization of Water and Sediment of the Jhelum River: Constraints on Weathering and Erosion | Geochemical and Isotopic Characterization of Water and Sediment of the River Jhelum: Constraints on Weathering and Erosion | |
| 02. | Bilal Ahmad Bhat Integrated Ph.D Whole-time Reg. No.51055-A-2013 | Prof. Ghulam Jeelani Prof. R.D. Deshpande Geo-Sciences Division, PRL (Co-supervisor) | Characterization of Stable Water Isotopes in Eco-hydrological Pools of the Western Himalaya, India | Characterization of Stable Water Isotopes in Eco-hydrological Pools of the Western Himalaya, India | Replace the word “To access” in objective 1 st and “To Study” in the objective 3 rd . |
| 03. | Nayeem Ahmad Bhat Integrated Ph.D Whole-time Reg. No.46330-S-2012 | Prof. Bikram Singh Bali | Investigation of Seismogenesis and Crustal Structures of Kashmir, NW Himalaya, India | Investigation of Seismogenesis and Crustal Structures of Kashmir, North West Himalaya, India | |

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| 04. | Waseem Ahmad Shah Integrated Ph.D Whole-time Reg. No.45409-S-2011 | Prof. Shakil Ahmad Romshoo Dr. Sarah Qazi INSPIRE Fellow (Co-supervisor) | Scale Dependent Groundwater Recharge Processes in Liddar Watershed, Western Himalayas, India | Scale Dependent Groundwater Recharge Processes in Liddar Watershed, Western Himalayas, India | Pre-BORS recommendations has not incorporated. |
| 05. | Waseem Qadir Integrated Ph.D Whole-time Reg. No.45049-S-2011 | Dr. Reyaz Ahmad Dar, Asstt. Professor Dr. Irfan Rashid, Asstt. Professor Deptt. of Botany (Co-Supervisor) | Phytolith Study for Assessing Late-Quaternary Climatic Transitions of Kashmir Valley, North Western Himalaya | Phytolith Study for Assessing Late-Quaternary Climatic Transitions of Kashmir Valley, North Western Himalaya, India | Topic modified. . |
| 06. | Mohammad Irfan Wani Ph.D Whole-time Reg. No.38156-SP-2012 | Prof. Bikram Singh Bali | Tectono-Geomorphic Evolution of Zaskar Basin, NW Himalaya | Tectono-Geomorphic Evolution of Zaskar Basin, NW Himalaya, India | Topic m odified. |

Annexure-D**Department: Geo-Informatics**

| <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>Remarks</i> |
|---------------|--|---|---|---|---|
| 01. | Ummer Ameen Integrated Ph.D Whole-time Reg. No.44637-S-2011 | Prof. Shakil Ahmad Romshoo | Assessment of the Glacier Response, Mass Balance and Ice Reserves in the Upper Indus Basin | Assessment of the Glacier Response, Mass Balance and Ice Reserves in the Upper Indus Basin | The status of number of scholars working under the supervision of Prof. Shakil Ahmad Romshoo be assessed. |
| 02. | Mustafa Hameed Bhat Integrated Ph.D Whole-time Reg. No.34567-SP-2010 | Prof. Shakil Ahmad Romshoo | Unravelling Glacier Response and Dynamics in the Upper Indus Basin | Unravelling Glacier Response and Dynamics in the Upper Indus Basin | |
| 03. | Sheikh Aneaus Integrated Ph.D Whole-time Reg. No.59745-W-2011 | Dr. Irfan Rashid Assistant Professor Dr. Sameena Charoo Assistant Co-ordinator of Forests Deptt. of Wildlife Protection (Co-Supervisor) | Current and Future Habitat Suitability of Three Flagship Wildlife Species in Dal Lake Catchment, Kashmir Himalaya | Current and Future Habitat Suitability of Three Flagship Wildlife Species in Dal Lake Catchment, Kashmir Himalaya | Objectives be rechecked as per Pre-BORS recommendations. |
| 04. | Seerat Magray Integrated Ph.D Whole-time Reg. No.47720-S-2013 | Dr. Irfan Rashid Assistant Professor Dr. Samiullah Bhat (Co-Supervisor) | Ascertaining the Impact of Cryoconite Holes on Glacier melt in Kashmir and Ladakh Himalaya | Ascertaining the Impact of Cryoconite Holes on Glacier melt in Kashmir and Ladakh Himalaya | I. The status of number of scholars working under the both supervisors be assessed. II. Bench mark be mentioned. |