

Minutes of the meeting of Board of Research Studies in Biological Sciences held on 08-02-2020 at 11:00 A.M. in the Committee Room of the Administration Block.

- 1) Prof. Talat Ahmad Chairman
Vice-Chancellor
- 2) Prof. Zafar A. Reshi
Dean Research
- 3) Prof. Akbar Masood
Dean Academic Affairs
- 4) Prof. Irshad A. Nawchoo
Dean, School of Biological Sciences
- 5) Registrar
- 6) Head, Deptt. of Biotechnology
- 7) Director, CORD
- 8) Head, Deptt. of Botany
- 9) Head, Deptt. of Zoology
- 10) Head, Deptt. of Biochemistry
- 11) Coordinator, Deptt. of Nanotechnology
- 12) Coordinator, Bioresources Programme
Assistant Registrar Research was also present during the meeting.

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

1. Meetings of the Board of Research Studies should be held regularly after every six months so that the scholars do not suffer for want of their timely registration for research degree programmes.
2. Scholars should be advised to give presentation about their research works after every six months as provided in the statutes so that work done is assessed and timely suggestions for improvement of research are provided to the scholars
3. Candidates having qualified JRF/NET / SET/GATE and other similar UGC accredited tests need to be encouraged for admission to research programmes.
4. Faculty members need to submit research proposals for funding to the funding agencies so that the scholars not in receipt of fellowships/scholarships are provided financial and other support.

In his remarks, Dean Research made the following remarks:

1. Quality research has been the hallmark of the School of Biological Sciences based on third-party evaluation of research quality carried out various departments/centres of



the University. However, there are variations in the quality of research across departments in the School and across supervisors in a department of the School.

2. Not many synopses have supervisors across departments which reflects poorly on the much needed interdisciplinary research in the university. In this regard, collaborations with SKIMS, Animal Husbandry deptt, Wildlife deptt. Forest Department and similar departments need to be initiated and strengthened so as to focus on the problems that are directly relevant to the society and would create national centres of excellence in some particular areas.
3. Delay in conduct of examination of three theory papers/BORS/Entrance Test for admission to research degree programmes/ communication of vacancies to the office of Dean Research hinders timely conduct of Boards of Research Studies and issuance of admission notification for research degree programmes.
4. Timely sanction and release of university fellowships in favour of bonafide and deserving scholars needs to be ensured by the concerned Deans' of the Schools.
5. Strict adherence to the statutes governing the research degree programmes, including having HVC's nominee on the DRC, meetings of RPAC etc.

Subsequently agenda was taken up 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 10-11-2017.**
Resolved that the action taken report on the minutes of the last meeting of BORS in Biological Sciences held on 10-01-2017, be placed on records.

Item
No. 02 **Confirmation of the minutes of the BORS meeting held on 10-11-2017 in Biological Sciences (already circulated).**
Resolved that the minutes of the last meeting of the BORS in Biological Sciences held on 10-11-2017, be confirmed.

Item
No. 03 **To ratify the action taken by the Hon'ble Vice-Chancellor in having authorized recognition of Dr. Tabasum Rashid, Assistant Professor Department of Biochemistry, GMC, Sgr. as co-supervisor in the discipline of Biochemistry**

Resolved that action taken by the Vice-Chancellor, be ratified.

Item
No. 04 **To consider recommendations of the Departmental Research Committees of the Departments of Biotechnology, Biochemistry, Bioresources and CORD for recognition of Ramanujan Fellow/ Ramalingaswami Fellow / INPIRE Fellows as co-supervisor in the relevant disciplines.**

After threadbare discussion on the matter, BORS recommended that Ramanujan Fellows/ Ramalingaswami Fellows be recommended to the competent bodies for recognition as Supervisors instead of Co-supervisors (as provided presently in the statutes).

However, INPIRE Fellows be treated as Co-supervisors in the respective disciplines as provided in the statutes currently in vogue:

Item
No. 05

Issue regarding completion of mandatory residency period by part-time Ph.D scholar, Mr. Shabeer Ahmad, Deptt of Zoology during vacations.

Residency period put in by Mr. Shabeer Ahmad, part-time scholar during winter vacations be accepted in view of the fact that HOD has certified that Department was open and Supervisor was available during the said period.

Item
No. 06

To consider the request of Mr. Zahoor Ahmad Dar, 3 year I-PhD scholar for keeping registration of his research programme in abeyance.

Registration of the Scholar be kept in abeyance as provided under statutes.

Item
No. 07

To consider recommendations of the Departmental Committee of the Department of Nanotechnology for recognition of the Department as Research Centre.

Proposal for recognition of the Department of Nanotechnology as Research Center in the discipline of Nanotechnology endorsed for approval of the statutory bodies, including Research Council, Syndicate and University Research Council).

Item
No. 08

To consider request made by Director CORD for introduction of research programme in Microbiology in the Centre.

Since CORD does not have sufficient number of faculty members with specialization in Microbiology, it cannot be recognized as Research Center for conduct of research in Microbiology. However, eligible candidates can be considered for admission under the allied subject category as provided under the present statutes.

Item
No. 09

To consider the request made by Mr. Ali Abbas Rather Ph.D Scholar, Department of Botany for change of mode of registration from whole-time to Part-time.

Presently provision for change of mode of registration from whole-time to part-time is not available in the statutes. However this modification has already been endorsed by University Research Council and once approved by competent bodies, case shall be considered accordingly.

Item
No. 10

To consider the recommendations of the Departmental Research Committee Department of Biotechnology for change of topic of research allotted to Ph.D Scholar Ms. Romana Rashid.

Resolved that change of topic of research for the research scholar recommended by the DRC, be authorized. Revised topic of research for the scholar will be as under:

“Understanding the role of inner nuclear membrane protein NURI in genome stability”

Item
No. 11

To consider the recommendations of DRC, Deptt of Botany for condonation of registration period in favour of Ph.D Scholar Riyaz Ahmad Mir, Department of Botany

In view of exhaustion of all the statutory provisions, condonation requested for is not maintainable under the statutes. However, the candidate may apply for fresh admission to the research programme under the statutes currently in vogue.

Item
No.12

To consider grant of registration in favour of the candidates listed in annexure A to E for pursuit of Ph.D/3-year Integrated Ph.D programme programme on whole-time/part-time basis in following disciplines/subjects:-

- | | | |
|------------------|-----------|------------|
| A. Biotechnology | B. CORD | C. Zoology |
| D. Biochemistry | E. Botany | |

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 “E” be registered for pursuit of Ph.D / Integrated M.Phil & Ph. D programme on whole-time/part-time basis.

Table Items

Item
No. 1

To consider recommendations of the DRCs of the Departments of Zoology, Botany and Biochemistry for grant of recognition of the teachers from different Universities / Institutes / National Centers / Colleges as Co-Supervisors in the Disciplines of Zoology, Botany and Bio-Chemistry.

Resolved that the following teachers/scientists be recognized as co-supervisors in the disciplines shown against each. While discussing the item, it was emphasized that the departments/centres should consider those teachers/scientists from institutions other than University of Kashmir who bring novel experience and expertise for promotion of quality research.

S. No	Name of the Teacher/Scientists/ Doctors	Discipline / Subject
01.	Dr. Tariq Hassan Askari Assistant Professor, Division of Entomology SKUAST-K, Sgr.	Zoology
02.	Dr. Khalid Zafar Masoodi Assistant Professor, Division of Biotechnology SKUAST-K, Sgr.	Zoology
03.	Dr. Gowhar Bilal Wani Assistant Professor, Deptt. of Fisheries Faculty of Fisheries SKUAST-K, Sgr.	Zoology
04.	Dr. Ibraq Khursheed Assistant Professor Deptt. of Zoology Central University of Kashmir	Zoology
05.	Dr. Khurshid Tariq Assistant Professor Deptt. of Zoology Islamia College of Science & Commerce, Sgr.	Zoology
06.	Dr. Shaista Masarat Assistant Professor Deptt. of Zoology S.P College, Sgr.	Zoology
07.	Dr. S. M. Zubair Assistant Professor Deptt. of Zoology Govt. Degree College, Anantnag	Zoology
08.	Dr. Rita Singh Professor University of Delhi	Zoology
09.	Dr. Samina Amin Research Officer Deptt. of Wild Life Protection, J & K	Zoology
10.	Dr. Khursheed Ahmad Assistant Professor Centre for Mountain Wild Life Studies Faculty of Forestry SKUAST-K	Zoology

11.	Dr. Mohammad Kamil Usmani Deptt. of Zoology AMU, Aligarh	Zoology
12.	Dr. Mahrukh Hameed Zargar Associate Professor Advanced Centre for Human Genetic, SKIMS, Soura, Sgr.	Biochemistry
13.	Dr. Muzamil Ashraf Makdooni Assistant Professor Deptt. of Biochemistry GCW, Govt. College for Women, Sgr.	Biochemistry
14.	Dr. Shahana Gulzar Assistant Professor Deptt. of Botany Govt. College for Women Sgr.	Botany
15.	Dr. Masood Majaz Ganie Assistant Professor Deptt. of Botany Govt. Degree College Tral	Botany
16.	Dr. Yougesh Shouche Scientist G National Center for Cell Science (NCCS) Pune, Maharashtra	Botany
17.	Dr. Sajad Goelani Additional Professor, Deptt. of Clinical Hematology SKIMS, Soura	Zoology
18.	Dr. Syed Wilayat Hussain Rizvi Associate Professor Department of Botany Amar Singh College, Sgr.	Botany
19.	Prof. Manzoor ur Rehman Mir Head, Division of Veterinary Bio-Chemistry SKUAST-K	Bio-Chemistry

**Item
No.2**

To consider the request of Director, Sheep Husbandry, Kashmir for signing of MoU for joint research and academic collaboration.

Resolved the Dean, School of Biological Sciences shall convene a meeting of Heads/Coordinators/Directors of relevant departments to discuss the matter with the Director, Sheep Husbandry Deptt./ other officers of the Sheep Husbandry Deptt. and prepare a MoU detailing provisions for joint supervision of research students, joint research proposals for funding, reciprocal use of the available facilities, joint seminars and brainstorming/lecture sessions etc. for approval of the authorities. Also possibilities of exhaustive MOUs with SKIMS, SKUAST-Shalimar, and other academic and research institutions be explored for consideration and approval of the competent authority.

**Item
No.3**

To consider the request made by Dr. Bilal Ahmad Mir, Assistant Professor for recognition as research supervisor in the discipline of Botany.

Resolved that Dr. Bilal Ahmad Mir, Assistant Professor, be recognized as co-supervisor in the discipline of Botany in view of the fact that he is now a faculty member of Ladakh University.

**Item
No:4**

To consider the representation of Mr. Mudasir Mehraj, (inservice candidate) for joining Integrated M.Phil and Ph.D programme after a gap of one year from the date of selection.

Resolved that the candidate having been already selected but having failed to join research programme in time, be allowed to join the Integrated M.Phil and Ph.D programme in the discipline of through CORD as recommended by DRC and endorsed by Dean, School of Biological Sciences.

**Item
No:5**

To ratify the action taken by the Hon'ble Vice-Chancellor in having authorized Change of Topic of research and Supervisor allotted to Ph.D Scholar Mr. Bilal Ahmad Reshi, Assistant Professor, (Part-time research Scholar) Deptt. of Biotechnology.

Resolved that action taken by the Vice-Chancellor be ratified. Fresh topic of research and Supervisor allotted to the Scholar is as under

S. No.	Revised proposed topic	Name of Supervisor
1.	Comprehensive analysis of Antioxidant and Anti-inflammatory potential of <i>Cousina thomsonii</i>	Prof. Rais A. Qadri

**Item
No:6**

To consider recommendations of Departmental Research Committee of the Bio-resources programme regarding late joining of Integrated M.Phil and Ph.D programme by Ms. Seerat Saleem.

Resolved that the candidate (already selected for the research programme but having failed to join due to turmoil in the valley) is deemed to have joined the Integrated M.Phil and Ph.D programme in Bio-resource on 23/11/2019.

**Item
No:7**

To consider recommendations of Director CORD in respect of residency period (01-11-2012 to 18-02-2013) put in by Mr. Farooq Ahmad Ganie, Ph.D Scholar, Centre of Research for Development (CORD).

Resolved that part of residency period put in by the part-time Scholar from 01/11/2012 to 28/02/2013 certified by the Headmaster, Govt. Girls School,

Tangmarg be accepted after obtaining verification of the same from the office of the concerned Chief Education Officer.

Meeting concluded with thanks to the Chair

Sd/-
Vice-Chancellor

Sd/-
Dean Research



UNIVERSITY OF KASHMIR, SRINAGAR
OFFICE OF THE DEAN RESEARCH

No: F (BORS-Biological Sciences) KU/20
Dated: March, 07, 2020

Copy of the approved minutes along with statement of particulars of the candidates forwarded to the HOD / Director _____ for necessary action. Condition 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.

may be confirmed.

Sd/-

Vice Chancellor

[Signature]
Assistant Registrar
(Research)
[Signature]
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Annexure-C (BORS-2020)


Zo.

S.No.	Name of candidates (Direct Ph.D)	Name of supervisor / Co-supervisor	Proposed topic of Research	Approved topic of Research	Remarks
1.	Zaheer Ahmed Reg. No. 110-Ph.D-2018 Ph.D Whole-time	Dr. Altaf Hussain Mir Prof. Mohd Kamil Usmani, AMU Aligarh	Taxonomy of braconid wasps (Hymenoptera: Braconidae) from Rajouri – Poonch range of Jammu and Kashmir		1. DRC to re-look at topic of research particularly the sp...at scale 2. Recommendations of the DRC to be routed through concerned Dean for approval of the Dean Research.
2.	Ishtiyaq Ahmad Teli Reg. No. 55516-Ang-2007 Ph.D Whole-time	Dr. Imtiaz Ahmad Khan Dr. Nazir Ahmad Dar (Co-supervisor)	Effect of dietary branched chain amino acids on growth, enzyme activities and expression of TOR and 4E-BP genes in rainbow trout, <i>Oncorhynchus mykiss</i> fingerlings	Effect of dietary branched chain amino acids on growth, enzyme activities and expression of TOR and 4E-BP genes in rainbow trout, <i>Oncorhynchus</i> <i>mykiss</i> fingerlings	Objective(s) of the study not clearly stated in the synopsis.
3.	Umer Aziz Mir Reg. No. 4033-S-2006 Ph.D Whole-time	Prof. Fayaz Ahmad Dr. Ibraq Khurshid Assistant Professor Zoology, CUK	Exploration and Molecular characterization of bacterial flora of gills and buccal cavity associated with some native fishes in River Jhelum	Molecular characterization of bacterial flora of gills and buccal cavity in some native fishes of River Jhelum	Objective(s) of the study not clearly stated in the synopsis. Topic modified

4.	Tariq Ahmad Bhat Reg. No. ----- Ph.D Whole-time	Prof. G. Mustafa Shah Prof. Ulfat Jan (Co-supervisor)	Assessment of Human - Wildlife conflict in and around Hirpora Wildlife Sanctuary Shopian, Jammu and Kashmir	Assessment of Human - Wildlife conflict in and around Hirpora Wildlife Sanctuary Shopian, Jammu and Kashmir	
5.	Rahcecia Mushtaq Reg. No. 23862-WG-Ph.D Ph.D Whole-time	Dr. Yahya Bakhtiyar Dr. Muni Parveen (EX. Prof) (Co-supervisor)	Altitudinal variation in the limnological aspects of some select lakes of Jammu and Kashmir	Altitudinal variation in the limnology of some select lakes in Jammu and Kashmir	Topic modified
6.	Shahid Mehmood Reg. No. 1140-Ang-2012 Ph.D Whole-time	Dr. Irtiaz A. Khan Dr. Feroz A. Shah Faculty of Fisheries SKUAST- K Sgr.	Ichthyofaunal diversity, feeding ecology and breeding biology of selected fish species of River Rajouri	Ichthyofaunal diversity in river Rajouri and feeding ecology and breeding biology of some select fish species	Topic modified

7.	Maqsooda Akhtar Reg. No. 39387-W-2003 Ph.D Whole-time	Dr. Yahya Bakhtiyar Dr. Muni Parveen (EX. Prof) (Co-supervisor)	Influence of macrophytes on spatial distribution of littoral zooplankton in select interconnected fresh water lakes of Kashmir	Influence of macrophytes on spatial distribution of littoral zooplankton in some select interconnected fresh water lakes of Kashmir	
8.	Rayees Ahmad Bhat Reg. No. 49289-ANG-2006 Ph.D Whole-time	Dr. Tariq Ahmad Dr. Barkat Hussain Asst. Prof. Division of Entomology SKUAST-K sgr.	Diversity and management of predominant fruit flies (Diptera: Tephritidae) in Kashmir valley using pheromone application technology	Diversity and management of predominant fruit flies (Diptera: Tephritidae) in Kashmir valley using pheromone application technology	
9.	Abida Khan Reg. No. 7089-VB-2006 Ph.D Part-time	Dr. Hidayatullah Tak Prof. Fayaz Ahmad (Co-supervisor)	Prevalence and risk factors of <i>Toxoplasma gondii</i> infection in Kashmir	Prevalence and risk factors of <i>Toxoplasma gondii</i> infection in Kashmir	Research questions asked should have been clearly brought out.

1.	Mohd Awas Reg. No. 4233-DIC-2014 I-Ph.D Whole-time	Dr. Imtiaz A. Khan Dr. Mudasir Andrabi Associate Professor, SKUAST-K	Documentation, validation and nutritional status of food fish species of River Poonch	Diversity and nutritional status of food fish species of River Poonch	Student and supervisor need to consider the revised topic and also the spatial scale of the study which is too narrow.
2.	Iqramul Haq Reg. No. 32632-SP-2009 I-Ph.D Whole-time	Dr. Bilal A. Bhat Dr. Khursheed Ahmad Asst. Prof. Faculty of Forestry SKUAST-K	Ecology, behavior and conservation status of <i>Ibisbill ibidorhyncha struthersii</i> in Sindh valley of Kashmir Himalaya	Ecology, behavior and conservation status of <i>Ibisbill ibidorhyncha struthersii</i> in Sindh valley of Kashmir Himalaya	
3.	Aamir Majeed Reg. No. 41509-S-2007 I-Ph.D Whole-time 	Prof. Fayaz Ahmad Dr. Ibraq Khurshid Assistant Professor Zoology, CUK	Isolation and characterization of gut bacteria of some fishes of Kashmir with emphasis on screening of possible probiotic potential strains	Isolation and characterization of gut bacteria of some fishes of Kashmir with particular reference to their probiotic potential	Topic modified

4.	Nafee Maqbool Reg. No.14524-PC-2008 I-Ph.D Whole-time	Prof. Fayaz Ahmad Dr. Ibraq Khurshid Assistant Professor Zoology, CUK	Exploration of gut bacterial flora of cultured trout fishes in Kashmir valley and their screening for possible probiotic potential	Exploration of gut bacterial flora of cultured trout fishes in Kashmir valley with particular reference to their probiotic potential	Topic modified
5.	Shazia Riyaz Reg. No.55041-W-2009 I-Ph.D Whole-time	Dr. Ab. Ahad Buhroo	Study of predatory spiders (Arachnida: Araneae) in relation to agro ecosystems of Kashmir	Diversity of predatory spiders (Arachnida: Araneae) in the agro ecosystems of Kashmir	Topic modified
6.	Navved Nabi Reg. No.6785-HD-2009 I-Ph.D Whole-time	Dr. Imtiaz Ahmad Khan Dr. Gohar Bilal Wani, Asst. Prof. Faculty of Fisheries, SKUAST Kashmir	Nutritional analysis and development of hemato-biochemical reference intervals of rainbow trout, <i>Onchorynchus mykiss</i>	Nutritional analysis and development of hemato-biochemical reference intervals of the cultured rainbow trout, <i>Onchorynchus mykiss</i>	
7.	Zahoor Ahmad Mir Reg. No.5912-ANG-2008 I-Ph.D Whole-time 	Dr. Yahaya Bakhtiyar Dr. Muni Parveen (EX. Prof) (Co-supervisor)	Taxonomic evaluation and some ecological aspects of macrobenthic invertebrates in Aripal and Watalara streams of Kashmir valley	Taxonomy and ecology of macrobenthic invertebrates in Aripal and Watalara streams of Kashmir valley	Topic modified Student and the supervisor need to consider spatial scale of the study

8.	Abrar Ahmad Bhat Reg. No 44831-S-2011 I-Ph.D Whole-time	Dr. Yahaya Bakhtiyar Dr. Muni Parveen (EX.Prof) (Co-supervisor)	Fish diversity and some aspects of biology of <i>Cyprinus carpio</i> L. from Dal Lake	Fish diversity in Dal Lake and some aspects of biology of <i>Cyprinus carpio</i> L.	DRC to certify that proposed work is not a repetition of any previous work.
9.	Ishrat Ara Reg. No 24950-AW-2011 I-Ph.D Whole-time	Dr. Syed Tanveer Dr. Khalid Majid Fazili (Co-supervisor)	Diversity and molecular characterization of nematode parasites infecting domestic fowl in Kashmir valley	Diversity and molecular characterization of nematode parasites infecting domestic fowl in Kashmir valley	
10.	Aamina Hassan Reg. No 25036-SP-2006 I-Ph.D Whole-time	Dr. Imtiaz Ahmad Khan Dr. Gowhar Bilal Wani Asst. Prof. Deptt. of Fisheries SKUAST-K	Effect of fat soluble vitamins on growth and hemato-biochemical parameters of common carp, <i>Cyprinus carpio communis</i> fingerlings	Effect of fat soluble vitamins on growth and hemato-biochemical parameters of common carp, <i>Cyprinus carpio communis</i> fingerlings	
11.	Humira Rashid Khan Reg. No 57743-W-2010 I-Ph.D Whole-time	Dr. Syed Tanveer Dr. Khalid Majid Fazili	Diversity and molecular characterization of Cestode parasites of domestic fowl of Kashmir valley	Diversity and molecular characterization of Cestode parasites of domestic fowl of Kashmir valley	

12.	Sumaya Mehraj Reg. No 57893-W-2010 I-Ph.D Whole-time	Dr. Hidayatullah Tak Dr. Tarique Hassan Askary Asst. Prof. SKUAST-K	Isolation and identification of entomopathogenic nematodes and their combined efficacy with insecticides against tomato fruit borer, <i>Helicoverpa armigera</i> H.	Isolation and identification of entomopathogenic nematodes and their combined efficacy with insecticides against tomato fruit borer, <i>Helicoverpa armigera</i> H.	
13.	Sheema Tabasum Reg. No 44820-S-2011 I-Ph.D Whole-time	Dr. Ab. Ahad Buhroo	Diversity and distribution of mites (Arachnida: Acari) in agroecosystem of Kashmir	Diversity and distribution of mites (Arachnida: Acari) in agroecosystem of Kashmir	
14.	Rasy Fayaz Choh (Wani) Reg. No 2033-DRA-2011 I-Ph.D Whole-time	Prof. Fayaz Ahmad Dr. Ibraq Khurshid Assistant Professor Zoology, CUK	Isolation and characterization of pathogenic bacterial microflora associated with cultured <i>Cyprinus carpio</i> of Kashmir valley	Isolation and characterization of pathogenic bacterial microflora associated with cultured <i>Cyprinus carpio</i> of Kashmir valley	



15.	Samia Andrabi Reg. No 21299-PC-2010 I-Ph.D Whole-time	Dr. Yahaya Bakhtiyar Dr. Muni Parveen (EX.Prof) (Co-supervisor)	Demographic and management aspects of <i>Cyprinus carpio</i> L. from Manasbal Lake, Kashmir	Studies on demography and management of <i>Cyprinus carpio</i> L. in Manasbal Lake, Kashmir	Topic modified
16.	Aamir Hamid Reg. No 23530-PC-2011 I-Ph.D Whole-time	Dr. Syed Tanveer Prof. Rita Singh Professor University of Delhi	Effect of some medicinal plant extracts on the antioxidant status of broilers infected with <i>Ascaridia galli</i> and <i>Heterakis gallinarum</i>	Effect of the extracts of some medicinal plants on the antioxidant status of broilers infected with <i>Ascaridia galli</i> and <i>Heterakis gallinarum</i>	Topic modified
17.	Hameem Mushtaq Reg. No 28263-IC-2010 I-Ph.D Whole-time	Dr. Mustahson Farooq Fazili Dr. Samina Amin Charoo Research Officer Wildlife Deptt. J&K	Bioecology and conservation status of vultures in Hirpora sanctuary of Kashmir Himalaya	Bioecology and conservation status of vultures in Hirpora wildlife sanctuary of Kashmir Himalaya	
18.	Muzamil Sidiq Reg. No 22525-IC-2007 I-Ph.D Whole-time	Dr. Imtiaz Ahmad Khan Dr. Yahaya Bakhtiyar (Co-supervisor)	Diversity, hematological profile and nutritional status of forage fishes in lentic water bodies of Kashmir valley	Diversity, hematological profile and nutritional status of forage fishes in lentic water bodies of Kashmir valley	

19.	Yasmeena Jan Reg. No 21197-NW-2008 I-Ph.D Whole-time	Dr. Syed Tanveer Prof. Rafiq Ahmad Shahdar Deptt. of Veterinary Parasitology SKUAST-K	Epidemiological, histopathological and therapeutic studies on Coccidiosis in broiler chicken reared in Kashmir Valley	Epidemiological, histopathological and therapeutic studies on Coccidiosis in broiler chicken reared in Kashmir Valley	
20.	Bilal Ahmad Wani Reg. No 64168-ANG-2010 I-Ph.D Whole-time	Dr. Tariq Ahmad Shosha Dr. Irfan Rashid (Co-supervisor)	Management of some invasive plant species of Asteraceae using native insect herbivores in Kashmir Himalaya	Management of some invasive plant species of Asteraceae using native insect herbivores in Kashmir Himalaya	
21.	Umer Hameed Shansaz Reg. No 40629-S-2006 I-Ph.D Whole-time	Dr. Mustahson Farooq Fazili Dr. Bilal A. Bhat (Co-supervisor)	Feeding ecology, habitat preferences and conservation issues of Pheasants in and around Dachigam National Park	Feeding ecology, habitat preferences and conservation issues of Pheasants in and around Dachigam National Park	



22.	Rouf Ahmad Bhat Reg. No 55849-ANG-2008 I-Ph.D Whole-time	Dr. Hidayatullah Tak Dr. Bilal A. Bhat (Co-supervisor)	Evaluation of gastrointestinal helminth parasitic load in sympatric ungulates of Hirpora and Tatakuti protected areas of Jammu and Kashmir	Evaluation of gastrointestinal helminth parasitic load in sympatric ungulates of Hirpora and Tatakuti protected areas of Jammu and Kashmir	
23.	Mohd. Hussain Reg. No 111-PhD-2018 I-Ph.D part-time	Dr. Altaf Hussain Mir Dr. Hidayatullah Tak (Co-supervisor)	Studies on the diversity and medical importance of <i>Cyclorrhaphan</i> flies in Kargil	Studies on the diversity and medical importance of <i>Cyclorrhaphan</i> flies in Kargil	
24.	Kousar Jan Reg. No 50042-W-2007 I-Ph.D Whole-time	Dr. Imtiaz Ahmad Khan Dr. Nazir Ahmad Dar (Co-supervisor)	Establishment of nutritional status, protein profiling and hemato-biochemical reference values of snow trout, <i>Schizothorax labiatus</i>	Nutritional status, protein profiling and hemato-biochemical reference values of snow trout, <i>Schizothorax labiatus</i>	
25.	Peerzada Sajad Hussain Reg. No 39871-S-2005 I-Ph.D Whole-time	Dr. Bilal A. Bhat Prof. G.A.Bhat Former Professor CORD (Co-supervisor)	Diversity and conservation status of corvids with special reference to ecological aspects of yellow billed blue magpie, <i>Urocissa flavirostris</i> in Lolab valley of Kashmir	Diversity and conservation status of corvids with special reference to ecological aspects of yellow billed blue magpie, <i>Urocissa flavirostris</i> in Lolab valley of Kashmir	

S.No.	Name of candidates	Name of supervisor / Co-supervisor	Proposed topic of Research	Approved topic of Research	Remarks
1.	Uzma Zehra Reg. No. 49771-W-2007 Ph.D Whole-time	Dr. Manzoor A. Shah Prof. Zafar A. Reshi (Co-supervisor)	Root microbiome of <i>Phragmites australis</i> (Cav. Trin. Ex Steudel) across biogeographic regions in relation to heavy metal bioremediation	Root microbiome of <i>Phragmites australis</i> (Cav. Trin. Ex Steudel) across biogeographic regions in relation to heavy metal bioremediation	
2.	Nadia Ashraf Reg. No. 49725-W-2007 Ph.D Whole-time	Dr. Mohd. Yaqub Bhat Prof. Abdul Hamid Wani (Co-supervisor)	Taxonomic studies of foliicolous fungi on some Rosaceous fruit plants in Kashmir Valley	Taxonomic studies on foliicolous fungi of some Rosaceous fruit plants in Kashmir Valley	Topic modified
3.	Kausar Rashid Reg. No. 10202-KC-2009 I-Ph.D Whole-time	Prof. Irshad A. Nawchoo Dr. Anzar A. Khuroo Dr. Aijaz H. Gamie Deptt. of Botany Kargil Campus (Co-supervisor)	Reproductive ecology and <i>ex situ</i> conservation of <i>Trillium govanianum</i> Wall. ex D. Don in Kashmir Himalaya	Reproductive ecology and <i>ex situ</i> conservation of <i>Trillium govanianum</i> Wall. ex D. Don in Kashmir Himalaya	







4.	Iqra Bashir Reg. No. 44675-S-2011 I-Ph.D Whole-time	Prof. Zafar A. Reshi Dr. Irfan Rashid (Co-supervisor) Dr. Yougesh S. Souche (NCMR-NCCS, Pune	Diversity and functional role of phyllosphere microbiome of some invasive plant species in Kashmir Himalaya	Diversity and role of leaf microbiome of <i>Anthemis cotula</i> L. in its invasiveness in Kashmir Himalaya	
5.	Sufiya Rashid Reg. No. 6503-BW-2009 I-Ph.D Whole-time	Prof. Irshad A. Nawchoo Dr. Anzar A. Khuroo Dr. Ajjaz A. Ganie (Co-supervisors)	Reproductive ecology and ex- situ conservation of <i>Actaea</i> <i>kashmiriana</i> J Compton in Kashmir Himalaya	Reproductive ecology and ex-situ conservation of <i>Actaea kashmiriana</i> J. Compton in Kashmir Himalaya	
6.	Mohammad Lateef Lone Reg. No. 43604-S-2009 I-Ph.D Whole-time	Prof. Inayatullah Tahir	Physiological and biochemical aspects of flower senescence with an impact on postharvest performance in select ornamentals of Asteraceae	Physiological and biochemical aspects of flower senescence with an impact on postharvest performance in select ornamentals of Asteraceae	



Annexure- E (BORS-2020)

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5.	Sufiya Rashid Reg. No. 6503-BW-2009 I-Ph.D Whole-time	Prof. Irshad A. Nawchoo Dr. Anzar A. Khuroo Dr. Aijaz A. Ganje (Co-supervisors)	Reproductive ecology and ex-situ conservation of <i>Actaea kashmiriana</i> J Compton in Kashmir Himalaya	Reproductive ecology and ex-situ conservation of <i>Actaea kashmiriana</i> J Compton in Kashmir Himalaya	
6.	Mohammad Lateef Lone Reg. No. 43604-S-2009 I-Ph.D Whole-time	Prof. Inayatullah Tahir	Physiological and biochemical aspects of flower senescence with an impact on postharvest performance in select ornamentals of Asteraceae	Physiological and biochemical aspects of flower senescence in relation to postharvest performance in select ornamentals of Asteraceae	Topic modified
7.	Sabeeha Bashir Reg. No. 6934-BW-2009 I-Ph.D Whole-time	Dr. Riffat John	Characterization of early light induced proteins in temperature and light regulation in <i>Lycopersicon esculentum</i> (Tomato) L.cv Shalimar I	Characterization of early light induced proteins in temperature and light regulation in <i>Lycopersicon esculentum</i> (Tomato) L.cv Shalimar I	HOD to provide copy of approval in case Dr. Kishore is already approved Co-Supervisor. Otherwise Deptt. of Botany is required to submit a separate proposal regarding co-supervision of Dr. Kishore Panigrahi 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.
8.	Aebsanul Haq Reg. No. 45678-A-2010 I-Ph.D Whole-time	Prof. Inayatullah Tahir	Studies on biochemical aspects of flower senescence with an impact on postharvest performance in select ornamentals of	Studies on biochemical aspects of flower senescence in relation to postharvest	Topic modified

					Topic modified
10. 	John Mohd War Reg. No. Nil I-Ph.D Whole-time	Prof. Ab. Hamid Wani Dr. Mohd Yaqub Bhat (Co-supervisor)	Exploration, biochemical and molecular characterization of some Basidiomycetous mushrooms growing in Baramulla and Bandipora districts of Kashmir Valley	Exploration, biochemical and molecular characterization of some Basidiomycetous mushrooms growing in north Kashmir	
11. 	Summia Rehman Reg. No. 22165-AW-2009 I-Ph.D Whole-time	Prof. Zafar Reshi Dr. Ajaz Hassan Ganie (Co-supervisor)	Reproductive ecology of some rare and common species of <i>Artemisia</i> L. in Kashmir Himalaya	Reproductive ecology of some rare and common species of <i>Artemisia</i> L. in Kashmir Himalaya	
12. 	Sumira Farooq Reg. No. 22147-AW-2009 I-Ph.D Whole-time	Prof. Inayatullah Tahir	Physiological and Biochemical aspects of flower senescence with an impact on postharvest performance of select ornamentals of Scrophulariaceae	Physiological and Biochemical aspects of flower senescence with an impact on postharvest performance in select ornamentals of Scrophulariaceae	
13. 	Tabasum Hassan Reg. No. 2886-B/B-2010 I-Ph.D Whole-time	Dr. Anzar A. Khuroo Dr. Showkat A. Waza (Co-supervisor)	Phenological studies on select plant species using observational and experimental approaches	Phenological studies on select plant species using observational and experimental approaches	



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<p>9 Ms. Nusrat Ahmad Reg. No. 27856- SP-2008 I-Ph.D</p>	<p>Dr. Mohd Yaqub Bhat Prof. Ab. Hamid Wani (Co-supervisor)</p>	<p>Studies on Soil fungi associated with some important medicinal plants of Kashmir Valley</p>	<p>Studies on Soil fungi associated with some important medicinal plants of Kashmir Valley</p>
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14.	Mehrajud Din Talie Reg. No. ---- I-Ph.D Whole-time	Prof. Ab. Hamid Wani Dr. Mohd Yaqub Bhat (Co-supervisor)	Exploration, biochemical and molecular characterization of some Ascomycetous mushrooms from North Kashmir	Exploration, biochemical and molecular characterization of some Ascomycetous mushrooms from North Kashmir	
15.	Aadil Farooq War Reg. No. 45630-A-2010 I-Ph.D Whole-time	Prof. Zafar Reshi Dr. Irfan Rashid (Co-supervisor)	Role of seed micorbiome in invasiveness of some alien invasive species	Diversity and role of seed microbiome of <i>Anthemis cotula</i> L. in its invasiveness in Kashmir Himalaya	Topic modified
16.	Mohd Asgar Khan Reg. No. 41228-S-2007 I-Ph.D Whole-time	Dr. Manzoor A. Shah	Impact of plant invasion on ecosystem functions and services	Impact of plant invasion on ecosystem functions and services	
17.	Javaid Ahmad Reg. No. 43407-S-2009 I-Ph.D Whole-time	Dr. Aijaz A. Wani Prof. Inayatullah Tahir (Co-supervisor)	Genetic improvement of Buckwheat through induced mutagenesis with special reference to economically important traits	Genetic improvement of Buckwheat through induced mutagenesis with special reference to economically important traits	

18.	Ishfaq Ahmad Sheergojri Reg. No. 211406-PC-2010 I-Ph.D Whole-time	Dr. Irfan Rashid	Ecological Economics of some Wetlands of Kashmir Himalaya	Ecological Economics of some Wetlands of Kashmir Himalaya	
19.	Shah Rafiq Reg. No. ----- I-Ph.D Whole-time	Prof. Zahoor A. Kaloo	Studies on genetic diversity for the characterization and conservation of elite chemotype of <i>Aconitum chasmanium</i> Stapf ex. Holmes in Kashmir Himalaya	Genetic diversity for characterization and conservation of elite chemotype of <i>Aconitum chasmanium</i> Stapf ex. Holmes in Kashmir Himalaya	Topic modified
20.	Subzar Ahmad Nanda Reg. No. 58756-ANG-2009 I-Ph.D Whole-time	Prof. Zafar A Reshi Dr. Manzoor A Shah (Co-supervisor)	Relationship between plant species richness and functional diversity along the altitudinal gradients in Kashmir Himalaya	Plant diversity, community structure and functional traits of plant species along the elevational gradients in Kashmir Himalaya	Topic modified

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21.	Mysara Majeed Reg. No. 14400-PC-2008 I-Ph.D Whole-time	Dr. Mohd Yaqub Bhat Prof. Ab. Hamid Wani (Co-supervisor)	Pathological studies on fungal rot of bottle gourd (<i>Lagenaria Siceraria</i> (Molina) Stand L.) and cucumber (<i>Cucumis sativus</i> L) in Kashmir Valley	Pathological studies on fungal rot of bottle gourd (<i>Lagenaria siceraria</i> (Molina) Stand L.) and cucumber (<i>Cucumis sativus</i> L) in Kashmir Valley	
22.	Zahid Hussain Najjar Reg. No. Nil I-Ph.D Whole-time	Dr. Aijaz A. Wani	Assessment of apple (<i>Malus x domestica</i> Borkh) germplasm in North Kashmir with special reference to fruit quality parameters	Assessment of apple (<i>Malus x domestica</i> Borkh) germplasm in North Kashmir with special reference to fruit quality parameters	
23.	Mahak Majeed Reg. No. 5533-W-2009 I-Ph.D (Bio resource) Whole-time	Dr. Reiazul Rehman Dr. Manzoor A. Mir (Co-supervisor)	Studies on phytochemical, antioxidant, antimicrobial and anticancer activities of <i>Viscum album</i> L from different host plants		DRC to ensure that the work proposed is not a repetition of work carried out by prof. B.A. Ganie on the same plant.
24.	Umar Mehraj Reg. No. Nil I-Ph.D (Bio resource) Whole-time	Dr. Manzoor A. Mir Dr. Abid Hamid Dar Associate Professor CUK, Ganderbal (Co-supervisor) Dr. Nissar A. Wani Ramalingaswami Fellow CUK, Kmr.	Elucidation of the therapeutic potential of combinatorial approach of chemotherapeutic agents in triple negative breast cancer	Elucidation of the therapeutic potential of combinatorial approach of chemotherapeutic agents in triple negative breast cancer	

25.	Sheikh Tajamul Islam Reg. No. 43790-SJ-2002 Ph.D Whole-time	Prof. Inayatullah Tahir Dr. Tanvir-ul- Hassan Dar (Co-supervisor)	Response of exogenously applied precursors of flavonoid biosynthetic pathways on plant growth and synthesis of some important phenolics in common buckwheat (<i>Fagopyrum esculentum</i> Moench.)	Response of exogenously applied precursors of flavonoid biosynthetic pathways on plant growth and synthesis of some important phenolics in common buckwheat (<i>Fagopyrum</i> <i>esculentum</i> Moench.)	
26.	Basharat Ahmad Bhat Reg. No. 42007-S-2008 Whole-time Ph.D	Dr. Manzoor A. Mir Dr. Tanvir-ul- Hassan Dar (Co-supervisor)	DNA fingerprinting, phytochemical screening and Cytotoxicity effects of some medicinal plants of Jammu and Kashmir	DNA fingerprinting, phytochemical screening and Cytotoxicity effects of some medicinal plants of Jammu and Kashmir	
27.	Ishtaq Ahmad Mir Reg. No. Whole-time Ph.D	Prof. Zafar A. Reshi Dr. Ajjaz Hassan Ganie (Co-supervisor)	Understanding nurse plant facilitation in plant community structure at higher elevations in Western Himalaya	Understanding nurse plant facilitation in plant community structure at higher elevations in Western Himalaya	

28.	Mansoor Ahmad Malik Reg No. _____ Whole-time Ph.D	Dr. Mohd Yaqub Bhat Prof. Abdul Hamid Wani (Co-supervisor)	Studies on Soil fungi associated with medicinal plants, <i>Digitalis purpurea</i> L. and <i>Suertia petiolata</i> L. growing in Kashmir Valley	Studies on Soil fungi associated with medicinal plants, <i>Digitalis purpurea</i> L. and <i>Suertia petiolata</i> L. growing in Kashmir Valley
29.	Mehrun Nisa Reg No. _____ Whole-time Ph.D	Prof. Abdul Hamid Wani Dr. Mohd Yaqub Bhat (Co-supervisor)	Studies on fungi associated with dried fruits of walnut (<i>Juglans regia</i> L.) and apricot (<i>Prunus armeniaca</i> L.)	Fungi associated with dried fruits of walnut (<i>Juglans regia</i> L.) and apricot (<i>Prunus armeniaca</i> L.)
30.	Irshad Ahmad Bhat Reg No. _____ Whole-time Ph.D	Prof. Zahoor Ahmad Kaloo	Ex-situ propagation, conservation and biochemical characterization of <i>Aquilegia fragrans</i> Benth. a rare and endemic plant species of Kashmir Himalaya	Ex-situ propagation, conservation and biochemical characterization of <i>Aquilegia fragrans</i> Benth. a rare and endemic plant species of Kashmir Himalaya
31.	Roof Ul Qadir Reg No. _____ Whole-time Ph.D	Prof. Irshad A. Nawchoo Dr. Aijaz Hassan Ganic (Co-supervisor)	Impact of habitat variability on morpho-chemical characters of <i>Phlomis cashmeriana</i> Royle ex Benth	Impact of habitat variability on morpho-chemical characters of <i>Phlomis cashmeriana</i> Royle ex Benth

32.	Shaieshtah Maqbool Reg. No. Whole-time Ph.D	Dr. Mohd Yaqub Bhat Prof. Abdul Hamid Wani Dr. Gulab Khan Rohela (Co-supervisor)	Development of fungi resistant mulberry variety through <i>Agrobacterium</i> mediated genetic transformation	Development of fungi resistant mulberry variety through <i>Agrobacterium</i> mediated genetic transformation
33.	Aishana Nazir Reg. No. Whole-time Ph.D	Dr. Irfan Rashid Dr. Nazima Rasool (Co-supervisor)	Role of Silicon in Resistance against Wheat Pathogens	Role of Silicon in Resistance against Wheat Pathogens
34.	Mudasir Fayaz Reg. No. Whole-time Ph.D	Dr. Seema Singh Dr. Firdous Ahmad Khanday (Co-supervisor)	Bioprospection of Polygonum <i>amplexicaule</i> D. Don. Medicinal plant growing in Kashmir Himalaya	Bioprospection of Polygonum <i>amplexicaule</i> D. Don. Medicinal plant growing in Kashmir Himalaya
35.	Bashir Ahmad Sheikh Reg. No. 21357-1C-2007 Whole-time I-Ph.D	Dr. Manzoor Ahmad Mir Assistant Professor Deptt. of Bioresources Dr. Zahoor Ahmad Parray Sr. Scientist, IIIM Sgr.	Elucidation of Molecular Basis of Drug and Multi drug Tuberculosis Resistance of <i>Mycobacterium tuberculosis</i> in Kashmir Valley	Elucidation of Molecular Basis of Drug and Multi drug Tuberculosis Resistance of <i>Mycobacterium</i> <i>tuberculosis</i> in Kashmir Valley

Registration of Scholar is
subjected to qualifying
three course work papers