



University of Kashmir, Srinagar

KU2024-OREJ-Letter-22266

Minutes of the meeting of Board of Research Studies in Biological Sciences held on 06-06-2024 & 07-06-2024 at 10:30 A. M. in the Old Committee Room of the Administration Block.

Present:

01. Prof. Nilofer Khan
Vice-Chancellor (Chairperson)
02. Prof. Khursheed Ahmad Butt
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, CORP
07. Head, Deptt. of Botany
08. Head, Deptt. of Biotechnology
09. Head, Deptt. of Biochemistry
10. Head, Deptt. of Zoology
11. Head, Deptt. of Clinical Biochemistry
12. Head, Deptt. of Clinical Biochemistry (GMC, Sgr.)
13. Head, Deptt. of Bioresources
14. Dr. Mushitaq Ahmad Beigh
Representative of Head, Deptt. of Nanotechnology

Assistant Registrar (Research) was also present.

At the outset, Dean Research welcomed the members and requested Hon'ble Vice-Chancellor for his introductory remarks. Hon'ble Vice-Chancellor desired that the quality research needs to be promoted among the schools in the University. She appreciated the research overall being done by the Science departments. She also impressed upon that the statutes shall be followed in letter & spirit and desired that 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. The Vice-Chancellor 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, besides Hon'ble Vice-Chancellor desired that the topics of scholars should be discussed thoroughly in Departmental Research Committee/s (DRC) and pre-BORS meetings and inputs from the subject experts in the area of research should be sought in whatever manner possible to make the research need based. 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. The Board in one-voice has desired that to constitute a separate Committee regarding INPSIRE fellows who are working in different Deptts. from the past seven years or so to check their credentials by the Committee who will determine their equivalence as guide/supervisor, till then the INSPIRE Fellows will supervise as co-guides till the matter resolved by the competent authority.

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 27-09-2022.

Resolved that the action taken report on the minutes of the last meeting of BORS in Biological Sciences held on 27-09-2022, be placed on record.

Item

No. 02 Confirmation of the minutes of the BORS meeting held on 27-09-2022 in Biological Sciences (already circulated).

Resolved that the minutes of the last meeting of the BORS in Biological Sciences held on 27-09-2022, be confirmed.

Item

No. 03 Considered the request of nineteen (19) Teachers/Doctors/Scientists for grant of recognition as Co-guides in various disciplines.

Resolved that the following teachers/Doctors/Scientists be granted recognition to act as co-guides:-

<i>S. No</i>	<i>Name of the Teacher/Scientists/Doctors</i>	<i>Subject/Discipline</i>	<i>Allotment of co-guide in respect of scholars</i>
01.	Dr. Irfan Jamila Associate Professor, Women's College, Sgr	Zoology	
02.	Dr. Khalida Hassan Associate Professor, S.P. College, Sgr	Zoology	
03.	Dr. Yasir Afzal Beigh Assistant Professor, SKUAST-K	Zoology	Co-supervisor allotted in respect of Ms. Nazima Maqbool, Deptt. of Zoology.
04.	Dr. Idrees Mehraj Allaie Assistant Professor, SKUAST-K, (IISER) Pune	Zoology	Inclusion of co-supervisor in respect of Ms. Shugufta Iqbal, Deptt. of Zoology.
05.	Dr. Shamim Ahmad Dar Associate Professor Govt. Degree College Sogam	Zoology	

06.	Prof. Abhijit Majumder Deptt. of Chemical Engineering, IIT, Mumbai	Nanotechnology	
07.	Dr. Arif Bashir Assistant Professor Clinical Biochemistry Govt. College for Women's, Nawa Kadal Sgr.	Clinical Biochemistry	
08.	Dr. Sami Jan Assistant Professor SKIMS, Medical College, JVC , Bemina, Sgr.	Clinical Biochemistry	
09.	Dr. Asia Deptt. of Clinical Biochemistry Govt. College for Women M.A. Road, Sgr.	Clinical Biochemistry	Co-supervisor allotted in respect of Ms. Nuzhat Khurtsheed, Deptt. of Clinical Biochemistry.
10.	Dr. Tariq Ahmad Assistant Professor Plant Pathology, SKUAST-K	Biotechnology	Co-supervisor allotted in respect of Ms. Arfa Ji, Deptt. of Biotechnology.
11.	Dr. Yasmeen Jabeen Bhat Associate Professor Deptt. of Dermatology, GMC, Sgr	Biochemistry	Co-supervisor allotted in respect of Ms. Sadaf Saleem, Deptt. of Biochemistry.
12.	Dr. Summyai Farooq Associate Professor Deptt. of Pathology, GMC, Sgr.	Biochemistry	2 nd co-supervisor allotted in respect of Ms. Sadaf Saleem, Deptt. of Biochemistry.
13.	Dr. Mehnaz Sultan Khuroo, Professor Deptt. of Pathology, GMC, Sgr.	Biochemistry	Co-supervisor allotted in respect of Ms. Insha Bashir, Deptt. of Biochemistry.
14.	Dr. Muzafar Jan, Assistant Professor Deptt. of Biochemistry Govt. Degree College, Handwara	Biochemistry	Co-supervisor allotted in respect of Ms. Naieem Ahmad Pir, Deptt. of Biochemistry.
15.	Dr. Sabahat Rasool Associate Professor L. D Hospital, GMC, Sgr	Clinical Biochemistry	Co-supervisor allotted in respect of Ms. Uzma Arshed, Deptt. of Biochemistry
16.	Dr. Maqsood Ahmad Malik Associate Professor Deptt of Chemistry Jammia Millia Islamia, New Delhi	Clinical Biochemistry	Co-supervisor allotted in respect of Ms. Syed Ifrah Manzoor, Deptt. of Clinical Biochemistry
17.	Dr. Sajad Un Nabi Scientist (Plant Pathology) SETH	Botany	
18.	Dr. Rashid Pervez Scientist (Nematology), SETH	Botany	
19.	Dr. Asiya Batool INSPIRE Fellow Deptt. of Biotechnology	Biotechnology	

Item

No. 04 Considered the recommendations of Dean of the School for recognition of Ramanujan Fellow Dr. Aga Shahee as supervisor at the Centre for Interdisciplinary Research and Innovation (CIRI).

Resolved that as per reports Dr. Aga Shahee appointed and joined IUST, Awantipora hence the matter with regard to recognition as research guide be discarded.

Item

No.05 Considered the application of Mr. Arif Ali Parray was registered for Ph.D programme in the discipline of Biotechnology requesting for permission to submit the Ph.D thesis.

Resolved that Mr. Arif Ali Parray be allowed to submit Ph.D thesis within six months from the receipt of the BORS minutes.

Item

No.06 Considered the request made by Dr. Bilal Ahmad Mir, Assistant Professor, Deptt. of Botany, North Campus for recognition as research supervisor in the discipline of Botany.

Resolved that Dr. Bilal Ahmad Mir, Assistant Professor, Deptt. of Botany, North Campus be recognized as research supervisor in the discipline of Botany.

Item

No.07 Considered the request made by Dr. Mohammad Arief Zargar, Assistant Professor, Deptt. of Botany for recognition as guide for Ph.D scholars in the discipline of Botany.

Resolved that Dr. Mohammad Arief Zargar, Assistant Professor, Deptt. of Botany be recognized as guide for Ph.D scholars in the discipline of Botany.

Item

No.08 Considered the request made by the research scholars in the discipline of Zoology for allotment of co-guides:-

Resolved that the below mentioned scholars be allotted co-supervisors shown against each:-

S.No	Name of the scholar	Name of the co-supervisors.
01.	Sinan Nisar	Dr. S.M. Zuber Assistant Professor Deptt. of Zoology Govt. Degree College, Anantnag
02.	Gulshan Akhter	Dr. Syed Mudasir Andrabi SKUAST-K
03.	Sayed Zarin Sana	Dr. Farooz Ahmad Bhat SKUAST-K

Item

No. 09 Considered the request of Dr. Peer Haseeb Shah, Deptt. of Bioresources, DST-INSPIRE Fellow for recognition as research supervisor in the discipline of Bioresources.

Resolved that the issue regarding INPIRE Fellows who are desired to act as supervisors will be discussed by the Committee comprising the following:-

1. Dean Research (Chairman)
2. Dean School of Biological Sciences
3. Respective Heads

Item

No. 10 Considered the grant of registration in favour of the candidates listed in annexure A-H for pursuit of Ph.D/Integrated M.Phil & 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. Biochemistry | B. Clinical Biochemistry | C. Zoology |
| D. Bio-resources | E. Biotechnology | F. Botany |
| G. Nanotechnology | H. CORD | |

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

Sd/-
Vice-Chancellor

Sd/-
Dean Research



UNIVERSITY OF KASHMIR, SRINAGAR
OFFICE OF THE DEAN RESEARCH

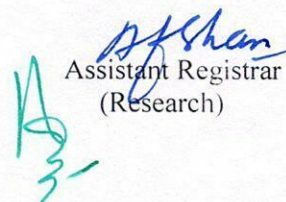
No: F (BORS-Biological.Sc.) KU/24

Dated: September 26, 2024

162024-BORS-Cellar-22266

- Copy of the BORS minutes approved by the Vice-Chancellor, is forwarded for information and necessary action to the _____

Relevant documents of the scholars such as, joining reports/fee receipts/modified synopses/affidavits etc., may please be forwarded to this office for reckoning of the registration of the Research Scholars.


Assistant Registrar
(Research)

Annexure-A

Department: Biochemistry

<i>S. No</i>	<i>Name of the scholar</i>	<i>Name of the Supervisor</i>	<i>Qualifying subject at PG level</i>	<i>Proposed topic of research</i>	<i>Approved topic of research</i>	<i>Remarks</i>
01.	Zainab Mushtaq I-Ph.D Whole-time Reg. No.57607-W-2010	Prof. Shajrul Amin Prof. Syed Mudasir Andrabi Animal Biotechnology, SKUAST-K Dr. Syed Masuma Rizvi Gynaecologist& obstetrics Govt. Lal Ded Hospital (Co-supervisor)	Clinical Biochemistry	Exploring the role of angiogenic factors as potential therapeutic targets in Polycystic Ovarian Syndrome associated infertility	Exploring the role of angiogenic factors as potential therapeutic targets in Polycystic Ovarian Syndrome associated infertility	
02.	Insha Bashir I-Ph.D SET Whole-time Reg. No. 9986-HD-2011	Prof. Sabhiya Majid GMC, Srinagar Prof. Mehnaaz Sultan Khuroo Department of Pathology, GMC, Srinagar Prof. (Dr.) Iqbal Saleem Mir Department of Surgery, GMC, Srinagar (Co-supervisor)	Biochemistry	Expression analysis of candidate microRNAs and Cox2 in Gastric Cancer	Expression analysis of candidate microRNAs and Cox2 in Gastric Cancer in the Kashmiri Population	Topic modified.
03.	AuqibManzoor I-Ph.D Whole-time Reg. No. 30328-IC-2011	Dr. Mohd Ashraf Dar Ramalingaswami Fellow	Biochemistry	Decipheringthe role of Ubiquitin Specific Protease 46 (USP46) in autophagy	Deciphering the role of Ubiquitin Specific Protease 46 (USP46) in autophagy	

04.	Naieem Ahmad Pir I-Ph.D N ET/JRF Whole-time Reg. No.48276-S-2014	Prof. Sabhiya Majid GMC, Srinagar Dr. Muzaffar Jan Assistant Professor Biochemistry Govt. Degree College, Handwara	Biochemistry	Molecular characterization of carbohydrate-binding proteins expressed on bacterial surfaces in acquisition and transmission of HIV- 1 in the host	Molecular characterization of carbohydrate-binding proteins expressed on bacterial surfaces in acquisition and transmission of HIV-1 in the host	
05.	Faliq Iqbal Bhat I-Ph.D NET Whole-time Reg. No.4439-BPB-2014	Prof. Bashir Ahmad Ganai	Biochemistry	Impact of plant secondary metabolites on gut microbiota in diabetic rat models	Impact of plant secondary metabolites on gut microbiota in diabetic rat models	
06.	Sadaf Saleem I-Ph.D Whole-time Reg. No.26287-SJ-2012	Dr. Rafiqa Eachkoti Assistant Professor Department of Biochemistry GMC, Srinagar Dr. Yasmeen Jabeen Associate Professor, Department of Dermatology,GMC, Srinagar Dr. Summyia Farooq Assistant Professor, GMC, Srinagar (Co-supervisors)	Biochemistry	Identification of markers of transition from benign to malignant state of skin squamous cell carcinoma	Elucidating the role of NR2F2 and tumor microenvironment markers in the development of skin squamous cell carcinoma	On the recommendations of the DRC, topic modified.

07.	Idris Ali Dar I-Ph.D Whole-time Reg. No.46361-S-2012	Dr. Mohd Ashraf Dar Ramalingaswami Fellow	Biochemistry	Evaluating the crosstalk between cell cycle regulator CRL4 ^{cdt2} E3 ubiquitin ligase and autophagy	Evaluating the crosstalk between cell cycle and autophagy via CRL4 ^{Cdt2}	Topic modified as recommended by the DRC.
08.	Munaza Rafiq I-Ph.D Whole-time Reg. No.26831-AW-2012	Prof. Shajrul Amin Dr. Showkat Ahmad Ganie Assistant Professor Deptt. of Clinical Biochemistry (Co-supervisor)	Biochemistry	Elucidating the role of ferroptosis in the pathogenesis of polycystic ovarian syndrome associated infertility	Elucidating the role of ferroptosis in the pathogenesis of polycystic ovarian syndrome associated infertility	

Annexure-B

Department: Clinical Biochemistry

<i>S. No</i>	<i>Name of the scholar</i>	<i>Name of the Supervisor</i>	<i>Qualifying subject at PG level</i>	<i>Proposed topic of research</i>	<i>Approved topic of research</i>	<i>Remarks</i>
01.	Nuzhat Khursheed I-Ph.D Whole-time Reg. No.36264-SP-2011	Dr. Showkat Ahmad Ganie Assistant Professor Prof. Mohd Afzal Zargar Dr. Asia Assistant Professor Govt. College for Women, M.A. Road, Sgr. Dr. Natasha Thakur Associate Professor General Surgery, SKIMS, Soura (Co-supervisor)	Biochemistry	Elucidation of promoter methylation and expression levels of DcR-2, TRIAL-2 and Caspase-3 genes of apoptotic pathway in breast cancer	Elucidation of promoter methylation and expression levels of DcR-2, TRIAL-2 and Caspase-3 genes of apoptotic pathway in breast cancer	
02.	Uzma Arshed I-Ph.D SET Whole-time Reg. No. 9566-SC-2011	Dr. Fouzia Rashid Professor Dr. Shahnawaz Mir Assistant Professor Department of Endocrinology GMC Srg. Dr. Sabahat Rasool Assistant Professor Dept. of Gynaecology L.D. Hospital, GMC, Srg (Co-supervisor)	Biochemistry	Elucidation of inflammatory cascade genes NLRP3 and AIM2 promoter methylation and expression in Polycystic Ovary Syndrome (PCOS) and its reproductive complications	Elucidation of promoter methylation and expression of inflammatory genes NLRP3 and AIM2 in Polycystic Ovary Syndrome (PCOS) and associated reproductive	I. Topic modified. II. Objective 5 th to be added.

03.	Faizyana Ali I-Ph.D Whole-time Reg. No. 44648-S-2011	Dr. Fouzia Rashid Professor Dr. Mohd Ashraf Ganie, Professor Department of Endocrinology SKIMS, Srinagar Dr Sami Jan, Assistant Professor Department of Gynaecology & Obstetrics SKIMS, Medical College, Bemina	Biochemistry	Insulin signalling gene Akt and proinflammatory gene Galectin 3 expression analysis in Polycystic Ovary Syndrome	Insulin signalling gene Akt and proinflammatory gene Galectin 3 expression analysis in Polycystic Ovary Syndrome and its productive complications	Topic modified.
04.	Asia Mushtaq I-Ph.D Whole-time Reg. No.	Dr. Syed Hussain Mir Assistant Professor Prof. Bashir Ahmad Ganai Prof. Sharik Masoodi Deptt. of Endocrinology, SKIMS, Soura (Co-supervisor)	Biochemistry	Gut microbiota heterogeneity in Obese-Type II Diabetic Meelitus	Analysis of Gutmicroflora, their diversity and identification in Type II Diabetes Meelitus in Kashmiri Population	Topic modified. Analysis of gutmicroflora, their diversity and identification T2 DM patients of Kashmiri Population.
05.	Khushboo I-Ph.D Whole-time Reg. No.27959-NW-2012	Dr. Abdul Wajid Bhat Ramanujan Fellow Dr, Showkat Ahmad Ganie Assistant Professor (Co-supervisor)	Biochemistry	Targeting inflammation related colon carcinogenesis by using active molecules from <i>Cousinia thomsonii</i>	Studies on the ameliorative potential of <i>Cousinia thomsonii</i> active fractions in colorectal cancer mice models	Topic modified as recommended by the DRC.

06.	Ishfaq Bashir Hajam I-Ph.D Whole-time Reg. No.30323-IC-2011	Dr. Tanvir Ali Dar Assistant Professor Dr. Abdul Wajid Bhat Ramanujan Fellow (Co-supervisors)	Biochemistry	Modulation of Structural integrity and aggregation of Alpha-Synuclein using small molecular Probes: Implications in combating conformational diseases	Small molecule induced modulation of α -Synuclein: Implications in combating conformational diseases	Topic modified as recommended by the DRC.
07.	Syed Ifrah Manzoor I-Ph.D Whole-time Reg. No.	Dr. Tanvir Ali Dar Assistant Professor Dr. Maqsood Ahmad Malik Associate Professor Deptt. of Chemistry Jamia Millia Islamia, New Delhi	Biochemistry	Effect of small molecule functionalized nanoparticles on structure-function integrity and aggregation propensity of selected model proteins	Effect of small molecule-functionalized nanoparticles on structure-function integrity and aggregation propensity of selected model proteins	Topic modified.

Annexure**Clinical Biochemistry, GMC, Sgr.**

08.	Heena Shafi I-Ph.D Whole-time Reg. No.64408-W-2013	Prof. Sabhiya Majid GMC, Srinagar Dr. Naveed Nazir Shah, GMC, Srinagar (Co-supervisor)	Biochemistry	A Study on Candidate circulating microRNAs and selected proteins to identify a signature minimally invasive tool for early diagnosis of Lung Cancer		Fresh DRC recommendation about topic of research is required from the GMC, Sgr for approval of the authorities.
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Annexure-C

Department: Zoology

S. No	Name of the scholar	Name of the Supervisor	Qualifying subject at PG level	Proposed topic of research	Approved topic of research	Remarks
01.	Zeenat Islam I-Ph.D Whole-time Reg. No.64234-W-2013	Prof. Fayaz Ahmad Dr. Khurshid Ahmad Associate Professor Deptt. of Zoology Islamia College of Sciences & Commerce, Sgr (Co-supervisor)	Zoology	Assessment of <i>in vitro</i> anthelmintic activity and phytochemical characterization of <i>Salvia sclarea</i> extracts against <i>Haemonchus contortus</i>	Assessment of anthelmintic activity and phytochemical characterization of <i>Salvia sclarea</i> extracts against <i>Haemonchus contortus</i>	Topic modified.
02.	Arif Nabi Lone I-Ph.D Whole-time Reg. No.4431-BPB-2014	Dr. Bilal Ahmad Bhat Assistant Professor Dr. Khurshid Ahmad Associate Professor Deptt. of Zoology, SKUAST, Kmr (Co-supervisor)	Zoology	Ecology and conservation of white-crested kalij pheasant <i>Lophura Leucomelanos hamiltoni</i> in Limber and Lachipora wildlife sanctuaries of Kashmir, India	Ecology and conservation of white-crested kalij pheasant <i>Lophura leucomelanos hamiltoni</i> in Limber and Lachipora wildlife sanctuaries of Kashmir, India	.
03.	Gh. Mustafa Lone I-Ph.D Whole-time Reg. No.45011-S-2011	Dr. Bilal Ahmad Bhat Assistant Professor Dr. Khurshid Ahmad Associate Professor Deptt. of Zoology, SKUAST, Kmr (Co-supervisor)	Zoology	Habitat use, dietary ecology and conservation challenges of Kashmir musk deer <i>Moschus cupreus</i> (Mammalia: Moschidae) in the Kazinag National Park, Kashmir	Habitat use, dietary ecology and conservation challenges of Kashmir musk deer <i>Moschus cupreus</i> (Mammalia: Moschidae) in the Kazinag National Park, Kashmir	

04.	Shazia Shafayat I-Ph.D Whole-time Reg. No.60188-W-2011	Dr. Tariq Ahmad Associate Professor Dr. Fayaz Ahmad Ahanger Assistant Professor Govt. Degree College, Ganderbal (Co-supervisor)	Zoology	A Study on the avian diversity in riverine areas of north Kashmir	A Study on the avian diversity in riverine areas of North Kashmir	
05.	Nisar Ahmad Paray I-Ph.D Whole-time Reg. No.44782-S-2011	Dr. Altaf Hussain Mir Assistant Professor	Zoology	Studies on the taxonomy of mayflies (Insecta: Ephemeroptera) in Kashmir	Studies on the taxonomy of mayflies (Insecta: Ephemeroptera) in Kashmir	
06.	Naheeda Rehman I-Ph.D Whole-time Reg. No.57789-W-2010	Prof. Syed Tanveer Dr. Zahoor Ahmad Wani Assistant Professor SKUAST-K (Co-supervisor)	Zoology	Taxonomic study of snails (Mollusca: Gastropoda) in Kashmir	Taxonomic study of snails (Mollusca: Gastropoda) in Kashmir	

07.	Bilkees Nazir I-Ph.D Whole-time Reg. No.24132-IC-2008	Prof. Syed Tanveer Dr. Altaf Hussain Mir Assistant Professor (Co-supervisor)	Zoology	Ectoparasite complex of indigenous fowl, <i>Gallus gallus domesticus</i> with emphasis on epidemiology, pathology and management of predominant species	Ectoparasite complex of indigenous fowl, <i>Gallus gallus domesticus</i> with emphasis on epidemiology, pathology and management of predominant species	
08	Intisha Ali I-Ph.D Whole-time Reg. No.67063-W-2014	Prof. Fayaz Ahmad Dr. Tabasum Ismail Assistant Professor Deptt. of Chemistry S.P. College, Sgr. (Co-supervisor)	Zoology	Isolation and Characterization of metabolites of <i>Urtica dioica</i> and its antibacterial activity against pathogenic bacteria of fish	Isolation and Characterization of secondary metabolites of <i>Urtica dioica</i> and their antibacterial activity against pathogenic bacterial strains of fish	Topic modified.
09.	Suhail Majeed Shiekh I-Ph.D whole-time Reg. No.7417-TC-2014	Prof. Syed Tanveer Dr. Altaf Hussain Mir Assistant Professor	Zoology	Diversity of entomopathogenic nematodes and their biocontrol potential against select insect pests of Solanaceous crops in Kashmir	Assessment of entomopathogenic nematodes and their biocontrol potential against select insect pests of Solanaceous crops in Kashmir	Topic modified.

10.	Fiza Farooq I-Ph.D Whole-time Reg. No.7447-TC-2014	Dr. Altaf Hussain Mir Assistant Professor	Zoology	Taxonomic diversity of braconid wasps (Hymenoptera: Braconidae) of Kashmir	Taxonomy and diversity of braconid wasps (Hymenoptera: Braconidae) of Kashmir	Topic modified.
11.	Shagufta Iqbal I-Ph.D whole-time Reg. No.29459-NW-2013	Prof. Syed Tanveer Dr. Idrees Mehraj Allaie Assistant Professor SKUAST, Shuhama (Co-supervisor)	Zoology	Studies on anticoccidial drug resistance and efficacy of lavender essential oil against <i>Eimeria</i> species infecting broilers	Studies on anticoccidial drug resistance and efficacy of lavender essential oil against <i>Eimeria</i> species infecting broilers	Objectives to be redrafted in lihtg of the topic/BORS discussion.
12.	Aamir Majeed I-Ph. D Whole-time Reg. No.67966-ANG-2012	Prof. Imtiaz Ahmed Khan Prof. Nazir Ahmad Dar Deptt. of Biochemistry (Co-supervisor)	Zoology	Effect of dietary lipid sources on growth, enzyme activities and expression of <i>FADS2</i> and <i>ELOVL5</i> genes in common carp, <i>Cyprinus carpio</i> var. <i>communis</i> fingerlings	Effect of dietary lipid sources on growth, enzyme activities and expression of <i>FADS2</i> and <i>ELOVL5</i> genes in common carp, <i>Cyprinus carpio</i> var. <i>communis</i> fingerlings	

13.	Nazima Maqbool I-Ph. D Whole-time Reg. No.27278-SJ-2013	Prof. Syed Tanveer Dr. Yasir Afzal Beigh Assistant Professor (Co-supervisor)	Zoology	Effect of walnut oilcake supplemented diet on the growth and health status of broilers	Effect of walnut oilcake supplemented diet on the growth and health status of broilers	Change the objective 1 st with the “To assess the” instead of “Assessment of”
14.	Mir Shabir Hussain I-Ph. D Whole-time Reg. No.50980-A-2013	Dr. Bilal Ahmad Bhat Dr. Hidayatullah Tak Associate Professor (Co-supervisor)	Zoology	A Study on interactions between markhor <i>Capra falconeri</i> and livestock in and around Kazinag National Park, Kashmir	A Study on interactions between markhor <i>Capra falconeri</i> and livestock in and around Kazinag National Park, Kashmir	
15.	Farhana Shafi I-Ph. D Whole-time Reg. No.10179-BW-2012	Dr. Altaf Hussain Mir Assistant Professor	Zoology	Bionomics and management of major insect pests of economically important fabaceous crops in Kashmir	Bionomics and management of major insect pests of economically important fabaceous crops in Kashmir	

16.	Laraibah Hamid I-Ph. D Whole-time Reg. No.9621-BW-2011	Prof. Hidayatullah Tak Dr. Ghulam Nabi Bader Assistant Professor Deptt. of Pharmaceutical Scs (Co-supervisor)	Zoology	Phytochemical investigation and Pharmacological evaluation of the plant extracts of Swertia petiolata and Oxalis acetosella against Haemonchus contortus	Phytochemical investigation and Pharmacological evaluation of the plant extracts of Swertia petiolata and Oxalis acetosella against Haemonchus contortus	
17.	Uzma Dawood I-Ph. D Whole-time Reg. No.39682-SP-2013	Dr. Bilal Ahmad Bhat Assistant Professor Dr. Samina Amin Charoo Assistant Conservator of Forests Deptt. of Wildlife (Co-supervisor)	Zoology	An assessment of human wildlife interactions in the forests and protected areas of north Kashmir	An assessment of human wildlife interactions in the forests and protected areas of North Kashmir	
18.	Tanveer Ahmad Dar I-Ph. D Whole-time Reg. No.15323-KC-2013	Dr. Altaf Hussain Mir Assistant Professor	Zoology	Taxonomic study of Calliphoridae (Insecta: Diptera) in Kashmir with emphasis on its medical and veterinary importance	Taxonomic study of Calliphoridae (Insecta: Diptera) in Kashmir with implications on human health and domestic animals	Topic modified.

19.	Anzar Lateef I-Ph. D Whole-time Reg. No.26231-SJ-2012	Prof. Imtiaz Ahmed Khan Prof. Nazir Ahmad Dar Deptt. of Biochemistry (Co-supervisor)	Zoology	Effect of select aquatic macrophytes on growth, enzyme activities and expression of two growth related genes MyoD and Myf5 in common carp, <i>Cyprinus carpio</i> var. <i>Communis</i> fingerlings	Effect of select aquatic macrophytes on growth, enzyme activities and expression of <i>MyoD</i> and <i>Myf5</i> genes in common carp, <i>Cyprinus carpio</i> var. <i>communis</i> fingerlings	Topic modified.
20.	Shagufta Ishtiyag I-Ph. D Whole-time Reg. No.11852-BW-2014	Prof. Imtiaz Ahmed Khan Prof. Firdous A. Khanday Deptt. of Biotechnology (Co-supervisor)	Zoology	Determination of infectious status and prevalence of bacterial diseases of rainbow trout, <i>Oncorhynchus mykiss</i> cultured under Kashmir Himalayan conditions	Evaluation of infectious status and prevalence of bacterial diseases of rainbow trout, <i>Oncorhynchus mykiss</i> cultured under Kashmir Himalayan conditions	Topic modified.
21.	Arizoo Hamid I-Ph. D Whole-time Reg. No.57591-W-2010	Prof. Fayaz Ahmad Dr. Mohammad Iqbal Zargar Assistant Professor Deptt. of Pharmaceutical Scs (Co-supervisor)	Zoology	Phytochemical and Pharmacological investigation of <i>Adiantum capillus-veneris</i> against pathogenetic bacterial strains of Fish	Phytochemical Profiling and anti bacterial evaluation of <i>Adiantum capillus-veneris</i> extracts against pathogenetic bacterial strains of Fish	Topic modified in consultation with the constituted committee.

22.	Irfan Ahmad Mir I-Ph. D Whole-time Reg. No.33423-IC-2013	Dr. Tariq Ahmad Associate Professor Dr. Barkat Hussain Associate Professor Division of Entomology SKUAST-K (Co-supervisor)	Zoology	A Study on insecticide resistance in cabbage aphid, <i>Brevicoryne brassicae</i> (Hemiptera: Aphididae) infesting major cruciferous crops of Kashmir	A Study on insecticide resistance in cabbage aphid, <i>Brevicoryne brassicae</i> (Hemiptera: Aphididae) infesting major cruciferous crops of Kashmir	
23.	Shaista Mushtaq I-Ph. D Whole-time Reg. No.28936-AW-2013	Dr. Hidayatullah Tak Associate Professor Dr. Javaid Hassan Sheikh Assistant Professor Deptt. of Zoology S.P. College, Sgr (Co-supervisor)	Zoology	Prevalence, ecology and management of plant parasitic nematodes associated with <i>Allium sativum</i> L. and <i>Allium cepa</i> L. in Kashmir	Prevalence, ecology and management of plant parasitic nematodes associated with <i>Allium sativum</i> L. and <i>Allium cepa</i> L. in Kashmir	
24.	Shaista Javaid I-Ph. D Whole-time Reg. No.61292-W-2012	Dr. Yahya Bakhtiyar Assistant Professor	Zoology	Fisheries of Anchar Lake with special reference to its ecology and population biology	Fisheries of Anchar Lake with special reference to its ecology and population biology	

25.	Naseer Ahmad Wani I-Ph. D Whole-time Reg. No.33482-IC-2013	Prof. Abdul Ahad Buhroo	Zoology	Studies on the taxonomy and distribution of weevils (Coleoptera: Curculionidae) of Kashmir	Studies on the taxonomy and distribution of weevils (Coleoptera: Curculionidae) of Kashmir	Omit the objective “b” of 1. Restructure of objectives.
26.	Manzoor Ahmad Mir I-Ph. D Whole-time Reg. No.2055-DRA-2011	Withdrawn				
27.	Tabia Bashir I-Ph. D Whole-time Reg. No.64463-W-2013	Dr. Bilal Ahmad Bhat Assistant Professor Dr. Fayaz Ahmad Ahanger Assistant Professor Govt. Degree College, Ganderbal (Co-supervisor)	Zoology	Population status, habitat use and breeding biology of red-lapwing <i>vanellus indicus</i> in Kashmir	Population status, habitat use and breeding biology of red-lapwing <i>vanellus indicus</i> in Kashmir	As reported by the Supervisor the scholar is absent unauthorizingly from the last six months.

28.	Zubair Ahmad Teli Ph. D Whole-time Reg. No.32168-IC-2012	Dr. Bilal Ahmad Bhat Assistant Professor Prof. Abdul Ahad Buhroo (Co-supervisor)	Zoology	Evaluation of factors affecting the conservation of threatened mountain ungulates (Mammalia: Artiodactyla) in the Hirpora Wildlife Sanctuary, Kashmir	Evaluation of factors affecting the conservation of threatened mountain ungulates (Mammalia: Artiodactyla) in the Hirpora Wildlife Sanctuary, Kashmir	Sequence of objective 3 rd and 4 th be changed.
29.	Eijaz Ahmad Tantray Ph. D Whole-time Reg. No.45079-S-2011	Prof. Fayaz Ahmad Prof. Ehtishamul Haq Deptt. of Biotechnology (Co-supervisor)	Zoology	Screening, identification and antibacterial properties of phytocompounds against fish pathogens	Assessment of the In-vitro and In-silico antibacterial properties of phytoconstituents of <i>Symphytum Officinale</i> against select fish pathogenic bacterial strains	Topic modified in consultation with the constituted committee.
30.	Iqram Altaf Zargar Ph.D Whole-time Reg. No.3487-BRU-2012	Dr. Tariq Ahmad, Associate Prof., Dept. of Zoology Dr. Asma Sherwani, SKUAST-K (Co-Supervisor)	Zoology	Insect pest complex of high-density stone fruits in Kashmir and their management	Insect pest complex of high-density stone fruits in Kashmir and their management	

31.	Shafat Ahmad Dar Ph.D Whole-time Reg. No.45095-S-2011	Prof. Syed Tanveer Dr. Fayaz Ahmad Ahanger, Asstt. Professor (Co-Supervisor)	Zoology	Ecology of Little grebe <i>Tachybaptus rufficollis</i> (Aves: Podicipediformes) in the Shallabugh wetland of Kashmir, India	Ecology of Little grebe <i>Tachybaptus rufficollis</i> (Aves: Podicipediformes) in the Shallabugh wetland of Kashmir, India	I. Add bio-control in the 3 rd objective. II. Add one more objective that application part be addressed.
32.	Jamsheed Ahmad Kumar Ph.D Whole-time Reg. No.43645-S-2010	Prof. Abdul Ahad Buhroo Dr. Anzar Ahmad Khuroo, Associate Prof., Deptt. of Botany (Co-Supervisor)	Zoology	Assessment of insect pest complex on selected endemic medical plants along elevational gradient in Kashmir Himalaya	Assessment of insect plant interactions on selected endemic medicinal plants along elevational gradient in Kashmir Himalaya	Topic modified.
33.	Murtaza Ali Ph.D Whole-time Reg. No.224-PHD-2021	Dr. Hidayatullah Tak (Supervisor) Dr. Bilal Ahmad Bhat (Co-Supervisor)	Zoology	Feeding ecology and prevalence of gastrointestinal parasites of wild ungulates in the Changthang Wildlife Sanctuary, Ladakh	Feeding ecology and prevalence of gastrointestinal parasites of wild ungulates in the Changthang Wildlife Sanctuary, Ladakh	

34.	Kunzang Dolma Ph.D Whole-time Reg. No. 3-CCKR-2011	Dr. Imtiaz Ahmed Khan (Supervisor) Dr. N.A Aravind Madhyastha Banglore (Co-Supervisor)	Zoology	Studies on diversity and ecology of the non-marine molluscs of trans-Himalayan region of Ladakh	Studies on diversity and ecology of non-marine molluscs of Trans-Himalayan region of Ladakh	Topic modified.
35.	Aarif Nazir Ph.D Whole-time Reg. No.9576-SC-2011	Prof. Fayaz Ahmad Dr. Shaista Masarat, Associate Prof. (Co-Supervisor)	Zoology	Antimicrobial activity and phytochemical characterization of <i>Verbascum Thapsus</i> against some virulent bacterial strains of select fish species from Kashmir	Antimicrobial activity and phytochemical characterization of <i>Verbascum Thapsus</i> against some virulent bacterial strains of select fish species from Kashmir	
36.	Bilal Ahmad Sheikh Ph.D Whole-time Reg. No.72761-ANG-2013	Dr. Tariq Ahmad, Associate Professor Dr. Tahmina Mushtaq, Asstt. Prof., SKUAST-K (Co-Supervisor)	Zoology	Screening of maize genotypes for resistance against <i>Mythimna separate</i> (Lepidoptera: Noctuidae) and its management by some medicinal plant extracts	Screening of maize genotypes for resistance against <i>Mythimna separata</i> (Lepidoptera: Noctuidae) and its management by selected medicinal plant extracts	Topic modified.

37.	Owais Akbar Ph.D Whole-time Reg. No. 43699-S-2010	Dr. Hidayatullah Tak, Associate Professor Prof. Abdul Ahad Buhroo (Co-Supervisor)		Studies on parasitism of ruminants in Gurez valley and their impact of hemato- biochemical parameters of host	Studies on parasitism of ruminants in Gurez valley and their impact of hemato- biochemical parameters of host	
38.	Najm U Nisa Ph.D Whole-time Reg. No.226-PHD-2021	Prof. Abdul Ahad Buhroo Dr. Anzar Ahmad Khuroo, Associate Prof., Deptt. of Botany (Co-Supervisor)		Studies on parasitic and phytophagous insects interacting with <i>Ephedra</i> species (Ephedraceae) in the Kashmir Himalaya	Studies on parasitic and phytophagous insects interacting with <i>Ephedra</i> species (Ephedraceae) in the Kashmir Himalaya	
39.	Anisa Ayub Ph.D Whole-time Reg. No. 225-PHD-2021	Dr. Altaf Hussain Assistant Professor		Diversity of aphids infesting Brassicaceae with emphasis on forecasting populations of cabbage aphid <i>Brevicoryne</i> <i>brassicae</i> (Hemiptera: Aphididae) in Kashmir	Diversity of aphids infesting Brassicaceae with emphasis on forecasting populations of cabbage aphid <i>Brevicoryne</i> <i>brassicae</i> (Hemiptera: Aphididae) in Kashmir	

Annexure–D**Department: Bioresources**

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Qualifying subject at PG level</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Remarks</i>
01.	Shazia Shafi Ph.D Whole-time Reg. No.64380-W-2013	Dr. Manzoor Ahmad Mir Assistant Professor Dr. Syed Nissar Deptt. of Oncology, SKIMS, Soura (Co-supervisor)	Bioresources	Combating therapeutic resistance in triple negative breast cancer using chemotherapeutic agents in combination	Combating therapeutic resistance in triple negative breast cancer using combination of chemotherapeutic agents	I. Topic modified. II. DRC recommended Dr. Syed Nissar Deptt. of Oncology, SKIMS, Soura as co-supervisor of the scholar. However his co-supervisorship shall be checked by the Dean Research office.

Annexure–E

Department: Biotechnology

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Qualifying subject at PG level</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Remarks</i>
01.	Rumysa Saleem Integrated Ph.D Whole-time Reg. No.33505-IC-2013	Dr. Faheem Arjamend, Assistant Professor Deptt. of Nanotechnology	Biotechnology	Fabrication and characterization of modified polyurethane nanofibers for tissue engineering applications	Fabrication and characterization of modified polyurethane nanofibers for tissue engineering applications	
02.	Anjum Hamid Rather Integrated Ph.D Whole-time Reg. No.22879-NW-2009	Dr. Faheem Arjamend, Assistant Professor Deptt. of Nanotechnology Dr. Mushtaq A. Beigh, Assistant Professor Deptt. of Nanotechnology (Co-supervisor)	Bioresources	Functionalization of polyurethane naofibers by nanoparticles, polymers and essential oils for tissue engineering applications	Functionalization of polyurethane naofibers by nanoparticles, polymers and essential oils for tissue engineering applications	
03.	Iqra Jan Integrated Ph.D Whole-time Reg. No. 65131-W-2013	Dr. Mushtaq A. Beigh, Assistant Professor Deptt. of Nanotechnology Prof. Ehtisham-ul-Haq Deptt. of Biotechnology (Co-supervisor)	Biotechnology	Understanding the phosphoregulation of GRHL2: Deciphering the signalling cues involved in cancer cell dissemination	Understanding the phosphoregulation of GRHL2: Deciphering the signalling cues involved in cancer cell dissemination	DRC has reported that the scholar is remained absent from the past 1.5 years and has not completed any research objectives so far.

04.	Asma Rafiq Integrated Ph.D Whole-time Reg. No. 47622-S-2013	Dr. Mushtaq A. Beigh, Assistant Professor Deptt. of Nanotechnology Dr. Ehtisham-ul-Haq Associate Professor, Deptt. of Biotechnology (Co-supervisor)	Biochemistry	Evaluation of GSK3 β /CK2/SIX1 signaling axis as a potential therapeutic node in cancer metastasis	Evaluation of GSK3 β /CK2/SIX1 signaling axis as a potential therapeutic node in cancer metastasis	
05.	Anjuman Yasmeen Integrated Ph.D Whole-time Reg. No. 26283-SJ-2012	Dr. Mohd Altaf Bhat, Assistant Professor, CIRI Dr. Rafiq Mir, Scientist D, Ramanujan Fellow, CIRI (Co-supervisor)	Biotechnology	Deciphering the role of Vacuolar protein sorting ortholog 35 (VPS35) in Parkinson's disease associated osteoclast differentiation	Deciphering the role of Vacuolar protein sorting ortholog 35 (VPS35) in Parkinson's disease associated with osteoclast differentiation	Topic modified.
06.	Wajahat Waseem Tantray, Ph.D Whole-time Reg. No.59064-ANG-2009	Dr. Mohd Altaf Bhat, Assistant Professor, CIRI	Biotechnology	Dissecting the role of RNA binding protein VgI1 in genome stability	Dissecting the role of RNA binding protein VgI1 in genome stability	M.Phil result notification required.

07.	Zahoor Ahmad Mir Integrated Ph.D Whole-time Reg. No.48548-S-2014	Prof. Firdous A. Khanday, Deptt. of Biotechnology Prof. Sabhiya Majid, Deptt. of Biochemistry (Co-supervisor) Prof. Masood Tanvir, GMC Sgr. (Co-supervisor)	Biochemistry	Expression analysis of candidate miRNAs in the pathophysiology of systematic lupus erythematosus - A case control study	Expression analysis of candidate miRNAs in the pathophysiology of systematic lupus erythematosus - A case study	Topic modified.
08.	Ibtisam Mumtaz Integrated Ph.D Whole-time Reg. No.61693-W-2012	Dr. Tariq Maqbool, Assistant Professor, Deptt. of Nanotechnology Dr. Abhijit Majumder, Deptt. of Chemical Engineering, IIT-Bombay	Clinical Biochemistry	Fabrication and evaluation of silk fibroin-carbon based hybrid bio-scaffolds for their potential applications in chondrogenic and osteogenic regeneration	Fabrication and evaluation of silk fibroin-carbon based hybrid bio-scaffolds for their potential applications in chondrogenic and osteogenic regeneration	2 nd & 3 rd objective to be re-arranged.
09.	Arfa Ji Ph.D Whole-time Reg. No.9798-GBL-2013	Prof. Ehtishamul Haq, Deptt. of Biotechnology Dr. Tariq Ahmad Sofi, Division of Plant Pathology, SKUAST-K (Co-supervisor)	Bioresources	Studies on Green synthesis of nanoparticles and their potential antimicrobial and cytotoxic activity	A Study on Green synthesis of nanoparticles and their potential as antimicrobial and cytotoxic agents	I. Topic modified. II. 1 st objective replace Himalayas by Himalaya III. 2 nd objective characterization of synthesized nanoparticles.

10.	Fayeem Aadil Ph.D Whole-time Reg. No.19389-IC-2005	Prof. Ehtishamul Haq, Deptt. of Biotechnology Dr. Reiaz-ul-Rehman, Assistant Professor, Deptt. of Bioresources (Co-supervisor)	Bioresources	Evaluation of phytochemical, pharmacological profiling and cytotoxic activity of <i>Viola</i> species from Kashmir Himalaya	Evaluation of phytochemical, pharmacological profiling and cytotoxic activity of <i>Viola</i> species from Kashmir Himalaya	
11.	Najuma Saqib Ph.D Whole-time Reg. No. 214-PHD-2022	Dr. Mohd Altaf Bhat Assistant Professor CIRI	Biotechnology	Understanding autophagy regulation by RNA binding protein Vigilin in Non-Alcoholic Fatty Liver Disease	Understanding autophagy regulation by RNA binding protein Vigilin in Non-Alcoholic Fatty Liver Disease	
12.	Ariha Ashraf Ph.D Whole-time Reg. No.215-Ph.D-2022	Dr. Khalid Majid Fazili, Ex-Professor Deptt. of Biotechnology Prof. Ehtishamul Haq, Deptt. of Biotechnology (Co-supervisor)	Biotechnology	Understanding the functional crosstalk between TUBB4B and ER transducer-IREI	Understanding the functional crosstalk between TUBB4B and ER transducer-IREI	To investigate interaction between TIBB4B and IRE1.

13.	Rakshandeh Shunthoo Ph.D Whole-time Reg. No. 65077-W-2013	Dr. Ajaz ul H. Wani, Deptt. of Biotechnology Dr. Javaid Yousuf Bhat, CIRI (Co-supervisor)	Biotechnology	Biochemical characterization of MoxR1, a AAA+ chaperone from <i>Mycobacterium tuberculosis</i>	Biochemical characterization of MoxR1, a AAA+ chaperone from <i>Mycobacterium tuberculosis</i>	
14.	Amreena Hassan Ph.D Whole-time Reg. No. 205-PHD-2022	Dr. Khalid Majid Fazili, Ex-Professor Deptt. of Biotechnology Dr. Nadeem Shabir, Asstt. Prof., SKUAST-K (Co-supervisor)	Biotechnology	Development of a safe and broadly Protective Infectious Bursal Disease Vaccine Platform	Development of a safe and broadly Protective Infectious Bursal Disease Vaccine Platform	
15.	Ambreen Zahoor Ph.D Whole-time Reg. No. 67104-W-2014	Prof. Mahboob Ul Hussain, Deptt. of Biotechnology Prof. Mudasir Andrabi, SKUAST-K (Co-supervisor)	Biotechnology	Elucidating the Role of Macrophage Scavenger Receptor 1 (MSR1) in modulating inflammation and lipid metabolism in non-Alcoholic Steatophepatitis (NASH) under hyperlipidemic conditions	Elucidating the Role of Macrophage Scavenger Receptor 1 (MSR1) in modulating inflammation and lipid metabolism in non-Alcoholic Steatophepatitis (NASH) under hyperlipidemic conditions	

Annexure–F

Department: Botany

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Qualifying subject at PG level</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Remarks</i>
01.	Wasim Javid Integrated Ph.D Whole-time Reg. No.34418-SP-2010	Prof. Aijaz Ahmad Wani	Botany	Genetic diversity of genus Cotoneaster in Kashmir Himalaya	Genetic diversity of genus Cotoneaster in Kashmir Himalaya	
02.	Humeera Yousuf Integrated Ph.D Whole-time Reg. No.61174-W-2012	Dr. Mohd Yaqub Bhat Associate Professor Prof. Abdul Hamid Wani (Co-Supervisor)	Botany	Diversity, characterization and documentation of endophytic mycoflora associated with <i>Vitis vinifera</i> L. in Kashmir Valley	Diversity and characterization of endophytic mycoflora associated with <i>Vitis vinifera</i> L. in Kashmir Valley	Topic modified.
03.	Showkat Ahmad Bhat Integrated Ph.D Whole-time Reg. No. 66823-ANG-2011	Prof. Aijaz Ahmad Wani Dr. Riffat John Assistant Professor (Co-Supervisor)	Botany	Physiological and metabolic responses of buckwheat (<i>Fagopyrum</i> spp.) under drought stress	Physiological and metabolic responses of buckwheat (<i>Fagopyrum</i> spp.) under drought stress	

04.	Showkeen Ahmad Lone Integrated Ph.D Whole-time Reg. No. 67156-ANG-2011	Dr. Anzar A. Khuroo Associate Professor Dr. Irfan Rashid (Co-Supervisor)	Botany	Studies on ecological impacts of invasive <i>Leucanthemum vulgare</i> Lam. and habitat restoration using experimental approach	Ecological impacts of invasive <i>Leucanthemum vulgare</i> Lam. and habitat restoration	Topic modified.
05.	Bilal Ahmad Rasray Integrated Ph.D Whole-time Reg. No. 3426-BRU-2012	Dr. Anzar A. Khuroo Associate Professor	Botany	Ecological Studies on the Alpine Vegetation of Kashmir Himalaya	Ecological Studies on the Alpine Vegetation of Kashmir Himalaya	Topic retained in consultation with the supervisor and Dean of the School.
06.	Showkat Ahmad Gojery Integrated Ph.D Whole-time Reg. No. 45618-S-2011	Prof. Manzoor A. Shah	Botany	Understanding local adaptations of <i>Capsella bursa-pastoris</i> L. along elevational gradients in relation to climate change	Understanding local adaptations of <i>Capsella bursa-pastoris</i> L. along elevational gradients in relation to climate change	Relook objective 2 nd .

07.	Irfan Shafi Ph.D Whole-time Reg. No. 23440-PC-2011	Prof. Manzoor A. Shah	Botany	Understanding the counteracting, chemo-ecological interactions between invasive and native plant species for restoration of novel ecosystems	Understanding the interaction between invasive and native plant species with reference to ecological restoration of invaded habitats	Topic modified as suggested by the supervisor concerned.
08.	Pallaki Shrikhandia Integrated Ph.D Whole-time Reg. No. 193-PHD-2020	Prof. Abdul Hamid Wani Dr. Mohd Yaqub Bhat (Co-Supervisor)	Botany	Studies on the cultivation, biochemical characterization and bioevaluation of <i>Cordyceps militaris</i> (L.) Fr.	A study on the cultivation, biochemical characterization and bioevaluation of <i>Cordyceps militaris</i> (L.) Fr.	I. Topic modified. II. 3rd and 4 th objective be modified in light of the topic.
09.	Rohied Ahmad Najar Integrated Ph.D Whole-time Reg. No. 66472-ANG-2011	Dr. Irfan Rashid Assistant Professor Prof. Aijaz Ahmad Wani (Co-Supervisor)	Botany	Studies of some invasive plants of Kashmir Himalaya with special reference to ploidy and trait specificity	A Study of some invasive plants of Kashmir Himalaya with special reference to ploidy and trait specificity	Topic modified.

10.	Munisa Manzoor Integrated Ph.D Whole-time Reg. No. 60162-W-2011	Prof. Zahoor A Kaloo	Botany	Genetic diversity and invitro propagation of elite chemotype of <i>Paeonia emodi</i> Wall. ex Royle growing in Kashmir	Genetic diversity and <i>invitro</i> propagation of elite chemotype of <i>Paeonia emodi</i> Wall. ex Royle growing in Kashmir	
11.	Faizan Shafee Integrated Ph.D Whole-time Reg. No. 28225-PC-2013	Prof. Manzoor A. Shah Dr. Anzar A. Khuroo Associate Professor (Co-Supervisor)	Botany	Monitoring plant phenology in relation to functional traits and microclimate in Kashmir Himalaya	Monitoring plant phenology in relation to functional traits and microclimate in Kashmir Himalaya	
12.	Haris Yousuf Lone Integrated Ph.D Whole-time Reg. No. 27197-SJ-2013	Dr. Inayatullah Tahir Ex-Professor Prof. Aijaz Ahmad Wani (Co-Supervisor)	Botany	Studies on biochemical and molecular aspects of flower senescence in select ephemerals	A study on biochemical and molecular aspects of flower senescence in select ephemerals	I. Topic modified. II. To change the objective 3 rd .

13.	Tabia Mushtaq Integrated Ph.D Whole-time Reg. No. 24980-AW-2011	Prof. Abdul Hamid Wani Dr. Mohd Yaqub Bhat (Co-Supervisor)	Botany	Pathological studies on fungal rot of tulip bulbs in Kashmir Valley	Pathological study on fungal rot of tulip bulbs in Kashmir Himalaya	Topic modified.
14.	Ruqaya Razaq Integrated Ph.D Whole-time Reg. No. 61202-W-2012	Dr. Mohd Yaqub Bhat Associate Professor Prof. Abdul Hamid Wani (Co-Supervisor)	Botany	Studies on soil fungi associated with rhizosphere of <i>Centaurea iberica</i> Trevir. & Spring. and <i>Datura stramonium</i> L. in Kashmir Valley	A study on soil fungi associated with rhizosphere of <i>Centaurea iberica</i> Trevir. & Spring. and <i>Datura stramonium</i> L. in Kashmir Valley	Topic modified.
15.	Moonisah Aftab Integrated Ph.D Whole-time Reg. No. 25156-PC-2012	Dr. Inayatullah Tahir Ex-Professor Prof. Aijaz Ahmad Wani (Co-Supervisor)	Botany	Studies on biochemical and molecular aspects of flower senescence in Liliaceae	A study on biochemical and molecular aspects of flower senescence in Liliaceae	Topic modified.

16.	Rukhsana Qadir Integrated Ph.D Whole-time Reg. No. 59952-W-2011	Prof. Abdul Hamid Wani Dr. Mohd Yaqub Bhat Associate Professor (Co-Supervisor)	Botany	Diversity of soil mycobiome associated with rhizosphere of <i>Cucumis sativus</i> L. and <i>Lagenaria siceraria</i> Standl. in Kashmir Valley	Diversity of soil mycobiome associated with rhizosphere of <i>Cucumis sativus</i> L. and <i>Lagenaria siceraria</i> Standl. in Kashmir Valley	
17.	Shaista Yousuf Integrated Ph.D Whole-time Reg. No. 2726-SPW-2012	Dr. Mohd Yaqub Bhat Associate Professor Prof. Abdul Hamid Wani (Co-Supervisor)	Botany	Pathological studies on fungal fruit rot of <i>Cucurbita pepo</i> L. and <i>Citrullus lanatus</i> Matsum. & Nakai in Kashmir Valley	Pathological study on fungal fruit rot of <i>Cucurbita pepo</i> L. and <i>Citrullus lanatus</i> Matsum. & Nakai in Kashmir Valley	I. Topic modified. II. Reframe language of objectives.
18.	Bilal Ahmad Dar Ph.D Whole-time Reg. No. 41136-S-2007	Prof. Abdul Hamid Wani Dr. Mohd Yaqub Bhat Associate Professor (Co-Supervisor)	Botany	Diversity of rhizospheric mycobiome of medicinally important orchid, <i>Dactylorhiza hatagirea</i> (D.Don) Soo in Kashmir Himalaya	Diversity of rhizospheric mycobiome of medicinally important orchid, <i>Dactylorhiza hatagirea</i> (D.Don) Soo in Kashmir Himalaya	

19.	Arisa Nabi Ph.D Whole-time Reg. No. 47432-W-2006	Prof. Zahoor A. Kaloo	Botany	In <i>vitro</i> propagation and enhancement of Taxane alkaloids in <i>Taxus wallichiana</i> Zucc. In different elicitors	In <i>vitro</i> propagation and enhancement of Taxane alkaloids production in <i>Taxus wallichiana</i> Zucc. in response to different elicitors	Topic modified.
20.	Muneeb Ahmad Rather Ph.D Whole-time Reg. No. 32565-IC-2012	Dr. Latif Ahmad Peer Assistant Professor	Botany	Exploration of morphogenetic diversity and drought resilience responses in cowpea (<i>Vigna unguiculata</i> (L.) Walp.)	Exploration of morphogenetic diversity and drought resilience response in cowpea <i>Vigna unguiculata</i> (L.) Walp.	Topic modified.
21.	Saima Fayaz Ph.D Whole-time Reg. No.57768-W-2010	Dr. Latif Ahmad Peer Assistant Professor Dr. Ajaz Ahmad Lone, SKUAST-K (Co-supervisor)	Botany	Morphogenetic assessment in common bean (<i>Phaseolus vulgaris</i> L.) with respect to climate-smart agriculture	Morphogenetic assessment in common bean (<i>Phaseolus vulgaris</i> L.) with respect to climate-smart agriculture	

22.	Muzamil Ahmad Mugal Ph.D Whole-time Reg. No.3206-DRA-2013	Dr. Anzar Ahmad Khuroo Associate Professor Dr. Chintala Sudhakar Reddy, Scientist-SG, ISRO (Co-Supervisor)	Botany	Diversity, distribution and drivers of tree flora of India using data synthesis approach	Diversity, distribution and drivers of tree flora of India using data synthesis approach	
23.	Mohd Ibrahim Ph.D Whole-time Reg. No.47304-S-2013	Prof. Zahoar Ahmad Kaloo, Dept. of Botany	Botany	Studies on bioactive secondary metabolites from <i>Inula obtusifolia</i> A. Kern through <i>in vitro</i> propagation, elicitation and optimized extraction techniques	A Study on bioactive secondary metabolites from <i>Inula obtusifolia</i> A. Kern through <i>in vitro</i> propagation, elicitation, and optimization of extraction parameters	Topic modified.
24.	Mohammad Aadil Dar Ph.D Whole-time Reg. No.41119-SP-2014	Prof. Manzoor Ahmad Shah, Dept. of Botany Dr. Pervaiz Ahmad Dar, Asstt. Prof., Higher Education Deptt. (Co-Supervisor)	Botany	Understanding the role of edaphic factors and soil biota in plant invasions	Understanding the role of edaphic factors and soil biota in plant invasions	

25.	Aaniqa Qayoom Ph.D Whole-time Reg. No. 30241-AW-2014	Dr. Irfan Rashid, Asstt. Prof., Dept. of Botany Dr. Reyaz Ahmad Dar, Deptt. of Earth Sciences (Co-Supervisor)	Botany	Reconstruction of late Quaternary ecology of Kashmir valley using paleoclimate proxies	Reconstruction of late Quaternary ecology of Kashmir valley using paleoclimate proxies	
26.	Gousia Nabi Ph.D Whole-time Reg. No.65018-W-2013	Prof. Aijaz Ahmad Wani., Dept. of Botany Dr. Adil Gani, Dept. of Food Science & Techn. (Co-Supervisor)	Botany	Morphological, molecular and phytochemical characterization of genus <i>Amaranthus</i> L. in Kashmir Himalaya	Morphological, molecular and phytochemical characterization of genus <i>Amaranthus</i> L. in Kashmir Himalaya	

Annexure–G**Department: Nanotechnology**

<i>S. No.</i>	<i>Name of the Scholar</i>	<i>Name of the Supervisor</i>	<i>Qualifying subject at PG level</i>	<i>Proposed Topic of Research</i>	<i>Approved Topic of Research</i>	<i>Remarks</i>
01.	Sadaf Nazir Ph.D Whole-time Reg. No.33520-IC-2013	Dr. Shafquat Majeed, Assistant Professor, Department of Nanotechnology	Chemistry	Ionic-liquid-mediated microwave-assisted synthesis of Ln-doped gadolinium oxide nanomaterials for bio-probe applications	Ionic-liquid-mediated microwave-assisted synthesis of Ln-doped gadolinium oxide nanomaterials for bio-probe applications	
02.	Ather ul Islam Ph.D Whole-time Reg. No. 32309-SP-2009	Prof. Rabia Hamid Department of Nanotechnology	Biochemistry	Mechanistic insights into the anticancer effect of <i>Alcea rosea</i> seed extract nanoformulations on colon carcinogenesis	Mechanistic insights into the anticancer effect of <i>Alcea rosea</i> seed extract nanoformulations on colon carcinogenesis	

Annexure–H

Department: **CORD**

S. No.	Name of the Scholar	Name of the Supervisor	Qualifying subject at PG level	Proposed Topic of Research	Approved Topic of Research	Remarks
01.	Tufail Ahmad Bhat Integrated Ph.D Whole-time Reg. No.5572-BJB-2013	Prof. Bashir Ahmad Ganai, CORD Prof. Mohammad Ashraf Ganaie, SKIMS, Soura (Co-Supervisor)	Zoology	Micro-RNA profiling and association of micro-RNA 21-5-P with VAMP2 in type 2 diabetes mellitus patients	Expression analysis of micro-RNA 21-5-P and its association with VAMP2 in type 2 diabetes mellitus patients	Topic modified.
02.	Junaid Bashir Integrated Ph.D Whole-time Reg. No.47371-S-2013	Prof. Md. Niamat Ali, CORD Prof. Zakir Husain Khan, SKUAST-K, Shalimar (Co-Supervisor)	Zoology	Morpho-molecular identification of common syrphids and predatory potential of <i>Syrphus ribesii</i> (Linnaeus) against cabbage aphid <i>Brevicoryne brassicae</i> (Linnaeus) in Kashmir Valley	Morpho-molecular identification of common syrphids and predatory potential of <i>Syrphus ribesii</i> (Linnaeus) against cabbage aphid <i>Brevicoryne brassicae</i> (Linnaeus) in Kashmir Valley	Supervisor and Dr. Tariq, Deptt. of Zoology to sit together to check the repetition of title of research of the scholar.
03.	Mohd Aamir Malik Integrated Ph.D Whole-time Reg. No.72516-ANG-2013	Prof. Md. Niamat Ali, CORD Dr. Zahoor Ahmad Baba, SKUAST-K, Wadura, Sopore (Co-Supervisor)	Zoology	Toxicogenomic analysis of the fungicides tebuconazole and difenoconazole on <i>Eisenia fetida</i> (Savigny, 1826)	Toxicogenomic analysis of the fungicides tebuconazole and difenoconazole on <i>Eisenia fetida</i> (Savigny, 1826)	
04.	Humaira Integrated Ph.D Whole-time Reg. No. not available	Prof. Bashir Ahmad Ganai, CORD (Supervisor) Dr. Seema Singh, Associate Prof., Deptt. of Botany, KU (Co-Supervisor)	Botany	Bioprospection of <i>Astragalus grahamianus</i> Royle Ex. Benth, a high valued medicinal shrub growing in Kashmir Himalaya	Bioprospection of <i>Astragalus grahamianus</i> Royle Ex. Benth, a high valued medicinal shrub growing in Kashmir Himalaya	Change the objective 1 st with "Extraction and phytochemical screening of secondary metabolites found in <i>Astragalus grahamianus</i> "