

University of Kashmir, Srinagar

Minutes of the meeting of Board of Research Studies in Biological Sciences held of 03-06-2013 at 10:30 a.m. in the Committee Room of the Administration Block.

Present

1. Prof. (Dr.) Talat Ahmad Vice-Chancellor (In the Chair)

- 2. Prof. A. M. Shah Dean, Academic Affairs
- 3. Prof. K.I. Andrabi Dean, Research
- 4. Prof. Akbar Masood
 Dean, Faculty of Biological Sciences
- 5. Director, CORD
- 6. Head, Department of Biochemistry "
- · 7. Head, Department of Botany
 - 8. Head, Department of Biotechnology
 - 9. Representative of the Head, Department of Zoology
 - 10. Coordinator, Department of Clinical Biochemistry
 - 11. Prof. Zaffar Ahmad Reshi Registrar;

The Assistant Registrar (Research) was also present.

At the outset, the Dean, Research welcomed the members and with the permission of the Chair the agenda was taken up for discussion.

Item

No.1 Perusal of the action taken report on the resolutions adopted by the Board of Research Studies in Biological Sciences at its last meeting held on 23-07-2012.

Resolved that the action taken report of the last BORS meeting in Biological Sciences held on 23/07/2012 be placed on record.

Item

No. 2 Confirmation of the minutes of the last meeting held on 23-07-2012 of the Board of Research Studies in Biological Sciences.

Resolved that the minutes of the last BORS meeting in Biological Sciences held on

23-07-2012 be confirmed.

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Item No. 3

Considered the request made by following ten(10) Teachers/Scientists/Doctors for grant of recognition to act as Co-guides to supervise M.Phil/Ph. D scholars in the discipline as shown against each:-

S. · No.	Name and address of the Teachers/Scientist/Doctor	Discipline
01.	Dr. Ravouf Asmi, Associate Professor Department of Neurology SKIMS, Soura.	Biotechnology
02.	Dr. Farida Noor, Head, Department of Forensic Medicine & Toxicology GMC, Srinagar	Biotechnology
. 03:	- Dr. Huma Habib, Assistant Professor Department of Biochemistry, Islamia College of Science and Commerce, Sgr	Biochemistry
04.	Dr. Zahoor Ahmad Parray, Senior Scientist (E-1). Deptt. of Microbiology and PK/DD Indian Integrative -Medicine:Sanat Nagar, Srinagar.	Biochemistry
05.	Dr. Syed Basina Yaseen, Associate Professor, Deptt. of Pathology, SKIMS, Soura	Biochemistry
06.	Dr. Roohi Rasool, Associate Professor, Deptt. of Immunology and Mol Medicine, SKIMS, Soura, Sgr.	Biochemistry
07.	Prof. M. Z. Abdin, Professor, Deptt. of Biotechnology, Hamdard, Hamdard Nagar, New Delhi.	Botany
08.	Dr. Mohd. Irfan Qureshi, Assistant Professor, Deptt. of Biotechnology, Jamia Millia Islamia, New Delhi	Botany
)9.	Dr. Nasreen Aman, Associate Professor, Deptt. of Botany, Govt. College for Women, M. A. Road, Sgr.	Botany
- 1	Dr. Barkat Hussain, Assistant Professor, Division of Entomology, SKUAST-K, Sgr.	Zoology

Resolved that the request of the above named teachers/scientists/doctors for grant of recognition to act as co-guide to supervise M.Phil/Ph. D scholars in the disciplines as

shown against each be grated.

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03.	B	ż S S
Mohd. Yaseen Dar M.Phil Whole-time Reg. No.30977-A-2003	Waseem Mumtaz Malla M.Phil, Whole-time Reg. No. 24838-SP-2006	Name of the scholar Niarah Bhat (M.Phil, Whole-time (Reg. No.50302W-2007
Dr. Abdul Hamid Wani Dr. Mohd Yaqub Bhat (Co-supervisor)	Dr. Inayatullah Tahir	Name of the Supervisor Dr. Manzoor Ahmad Shah Prof. Zafar A. Reshi (Co-supervisor)
Isolation Identification and Characterization of Viruses Infecting Pumpkin (<i>Cucurbita maxima</i> L.) in Kashmir Valley	Studies on growth and yield performance of some select varieties of brinjal (Solanum 21 melongena L.) grown in Kashmir	Proposed topic of research Phylogenetic relatedness and Invasiveness of Conyza canadensis at different spatial scales
Isolation Identification and Characterization of Viruses Infecting Pumpkin (<i>Cucurbita maxima</i> L.) in Kashmir Valley	Studies on growth and yield performance of some select varieties of brinjal (Solanum melongena L.) grown in Kashmir	Approved topic of research Phylogenetic relatedness and Invasiveness of Conyza canadensis at different spatial scales
	Topic modified.	Remarks

04.

Sabreena Rashid

Dr. Zahoor

(Co-supervisor)

M.Phil,

Reg. No.47547-w-2006 Whole-time

Ahmad Kaloo Dr. Seema Singh (Co-supervisor)

medicinal plant of Kashmir Himalaya

In vitro propagation for conservation of Rheum webbianum Royle- a threatened

In vitro propagation for conservation of Rheum webbianum Royle- a

threatened medicinal plant of

Kashmir Himalaya

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Department: Botany

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		Snober Jan M.Phil, Whole-time Reg. No.16210-AW-2007		Farhana Maqbool M.Phil, Whole-time Reg. No. 25076-SP-2006	Iram Bashir M.Phil, Whole-time Reg. No.47482-W-2006	700	Mahroofa Jan M.Phil, ij Whole-time j Reg. No.16236-AW-2007	
	1 - 3	Prof. Zafar A. Reshi Dr. Irfan Rashid (Co-supervisor)	¥	Dr. Seema Singh Dr. Zahoor Ahmad Kaloo (Co-supervisor)	Dr. Zahoor Ahmad Kaloo Dr. Seema Singh (Co-supervisor)	22	Dr. Seema Singh Dr. Zahoor Ahmad Kaloo (Co-supervisor)	."
		Ecological studies on competitive interactions between some free-floating macrophytes		In vitro propagation for conservation of Atropa acuminata—a threatened medicinal plant species of Kashmir Himalaya	In vitro propagation for conservation of Bunium persicum	•	In vitro propagation of Ajuga bracteosa Wall ex Benth-an important medicinal plant of Kashmir Himalaya	7 9 2 9 26 2
87-118/18/18/18/18/18/18/18/18/18/18/18/18/		Ecological studies on competitive interactions between some free-floating macrophytes		In vitro propagation for conservation of Atropa acuminata Royle-a threatened medicinal plant species of Kashmir Himalaya	In vitro propagation for conservation of Bunium persicum (Boiss). B. Fedtsch	· ·	In vitro propagation of Ajuga bracteosa Wall ex Benth-an important medicinal plant of Kashmir Himalaya	AMBRICON MESSAGE
Jol 27	ē.		3 3 3	Topic modified.	Topic modified.	Section 1. Sec		

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	NISAR ANIMED MAIIK +2 lecturer NET M.Phil, Part-time Reg. No.34486-Ang-1998		Nadeem Salam M.Phil, Whole-time Reg. No.49308-Ang-2006		Mir Zahoor-ud-Din NET-LS M.Phil, Whole-time Reg. No.37334-Ang-2000	M.Phil, Whole-time Reg. No.19454-NW-2007	
	Dr. Ab. Himid Wani Dr. F.A Mohiddin SKUAST-K (Co-supervisor)		Prof. Zafar A. Reshi Dr. Manzoor Ahmad Shah (Co-supervisor)		Prof. Zafar A. Reshi Dr. Zahoor Ahmad Kaloo (Co-supervisor)	Reshi Dr. Irfan Rashid (Co-supervisor)	Boof Zafar A
	Studies on the efficacy of some local isolates of Trichoderma Spp. for the management of corm rot of saffron in Kashmir		Ecological Niche Modelling for predicting the distribution of some rare and endemic plant species in Kashmir Himalaya		Ecology and conservation of two rare endemic species, Artemisia amygdalina and Corydalis cashmiriana, using ecological niche modelling approach	alien species of Amaranthus in Kashmir Valley	Comparative ecological studies on some
Kung	Studies on the efficacy of some local isolates of <i>Trichoderma</i> spp. for the management of corm rot of saffron in Kashmir		Ecological Niche Modelling for predicting the distribution of some rare and endemic plant species in Kashmir Himalaya	i e	Ecology and conservation of two rare endemic species, Artemisia amygdalina and Corydalis cashmiriana, using ecological niche modelling approach	some alien species of Amaranthus in Kashmir Valley	Comparative ecolopical studies on
10/7	Subject to production of NET certificate as the entrance test details are not given.	9 2		•			Den -

				1	4 s	This Market	
•				9	Section 1	***************************************	
+2 SL M. Pa	ayista Chisti lecturer .ET .Phil, rt-time g. No.34002-w-2011		Phytochemical Investigation Essential Oil of Origanum	vulgare	Essential Oil of (L).	ivestigation of the Driganam vulgare	of SLET; and length of service certificate
Ph W	ved Sabhi Ahmad n. D Thole-time ng. No.13955-G-2004	Dr. Inayatullah Tahir	Studies on some biochemi molecular aspects of flow with an impact on posthar performance in some sele- of Iridaceae	er senescence vest	Studies on bioch molecular aspec senescence with postharvest perf select ornamenta	s of flower an impact on ormance in some	Topic modified.
P	hauket Ahmad Pala h. D Vhole-time	Dr. Abdul Hamid Wani Dr. Bashir Ahmad	Exploration, biochemical antimicrobial activity of a mushrooms of Kashmir I	some wild	antimicrobial ac	chemical studies a tivity of some wil Kashmir Himalaya	d
R	eg, No.37939-S-2003	Ganai (Co-supervisor)				•	
			1987			£ 50	*
P V	Shabana Gulzar College Teacher Ph. D Whole-time Jnder FIP leg. No.25234-W-1995	Dr. Irshad Ahmad Nowchoo	Impact of altitudinal grac morpho-chemical profile bracteosa wall. Ex. Bent	of Ajuga		dinal gradient on cal profile of <i>Ajugo</i> . ex. Benth	Registration will be effective from the date UGC sanction FIP.
	keg, 140,23234-W-1993	-				5.4	
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7.	Waseem Shahri 19 +2; Lecturer 19 Ph. D, 19 Part-time 19 Reg. No.12580-G-2000	Dr. Inayatullah Tahir t	Some Bio-chemical and Molecular Aspects of Flower Senescence with an impact on postharvest performance in some select ornamentals of Family Ranunculaceae	Studies on some Bio-chemical and Molecular Aspects related to Flower Senescence with an impact on postharvest performance in select ornamentals of Family Ranunculaceae	I.·	Synopsis modified subject to final approval of the Dean Research. Subject production of length of service certificate on substantive basis.
8.	Ab. Rashid Malik College teacher Ph. D Whole-time Under FIP Reg. No.6975-SP-1985	Dr. Abdul Hamid Wani Dr. Bashir Ahmad Ganai (Co-supervisor)	Diversity and Ethnopharmacological Studies of Mushrooms from District Kupwara of North Kashmir		I.	The Supervisor concerned recommends that the topic previously allotted to the researcher is appropriate than the topic approved by the BORS. Registration will be effective form the date UGC
9.	Sameena Wani +2 lecturer Direct Ph. D Part-time Reg. No.5107-sj-1985	Dr. Zahoor Ahmad Kaloo Dr. Manzoor Ahmad Shah (Co-supervisor)	Micropropagation, conservation and Mycorrhizal Status of some Endemic Plant Species of Kashmir Himalaya		1.	concerned recommends that the topic previously allotted to the researcher if appropriate than the topic approved by the BORS.

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	Javaid Yousuf Lone Ph. D Whole-time Reg. No.22501-sp-2005	Koka Ph. D Whole-time Reg. No.46449-Ang-2005	Whole-time Reg. No.35561-S-2000	Mudasar Ahmad
e v x	Dr. Irfan Rashid Prof. Zafar A. Reshi (Co-supervisor)	Wani Dr. Mohd Yaqoob Bhat (Co-supervisor)	Anmad Kaloo Dr. Bashir Ahmad Ganai (Co-supervisor) Dr. Abdul Hamid	Dr. Zahoor
	Ecology of Sambucus wightiana Wall. ex Wight & Arn. and its impact on understory vegetation in coniferous forests of the Kashmir Valley	(Lycopersicon esculentum Mill.) and brinjal (Solanum melongena L.)	bio-chemical characterisation of some selected rare and endemic plant species of Kashmir Himalayas Biological control of fingal rat of towards	In vitro propagation conservation and
	Ecology of Sambucus wightiana Wall. ex Wight & Arn. and its impact on understory vegetation in coniferous forests of the Kashmir Valley	Biological control of fungal rot of tomato (<i>Lycopersicon esculentum</i> Mill.) and brinjal (<i>Solanum melongena</i> L.)	and bio-chemical characterisation of some selected rare and endemic plant species of Kashmir Himalaya	d vor
• 7	Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Phil on whole-time basis.	Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Phil on whole-time basis.	Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Phii on whole-time basis.	

Annexure-G

Department: Botany

S. No	Name of the scholar	Name of the Supervisor.	Proposed topic of research	Approved topic of research	Remarks
01.	Sheikh Sajad Ahmed NET, M.Phil Whole-time Reg. No.3278-HD-2005	Prof. Zafar A. Reshi Dr. Manzoor Ahmad Shah (Co-supervisor)	Altitudinal amplitude of some invasive alien plant species in the Kashmir Himalaya	Altitudinal amplitude of some invasive alien plant species in the Kashmir Himalaya	I. "Subject to production of M.Sc marks certificate, "UGC NET certificate and affidavit duly sworn in before the 1" class magistrate to the effect that he is not on the pay rolls of any department. II. Deposition of ₹65/- on account of registration form fee.
	Assistant Professor Amar Singh College Ph. D,	Prof. Zafar A. Reshi Dr. Manzoor Ahmad Shah (Co-supervisor)	Predicting range expansion of some invasive alien plant species in response to climate change using ecological niche modelling	Predicting range expansion of some invasive alien plant species in response to climate change using ecological niche modelling	I. Subject to production of M.Phil result notification. II. Length of service certificate. III. Deposition of ₹65/- on account of registration form fee.

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· [28	Mubashir Ahmad	Dr. Rifat Jhon	Disch	, , , , , , , , , , , , , , , , , , ,	4 .
1	Wani Ph. D Whole-time Reg. No.7753-pc-2004		Biochemical and Molecular characterization of Trigonella foenum-graecum L. and Cicer arietinum L. Cultivars under cold stress	Biochemical and Molecular characterization of Raphanus Sativas L. And Capsella bursapartoris L. Under cold stress	Topic modified by the Supervisor. Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Phil on whole-time basis.
	Jahangir Ahmad Dar Ph. D Whole-time Reg. No.14042-BC-2003	Dr. Aijaz Ahmad Wani Prof. Manoj Kumar Dhar Jammu University (Co-supervisor)	Genetic diversity of apple (Malus x domestica Borkh.) with special reference to Ambri and Delicious groups in Kashmir Valley	Genetic diversity of apple (Malus x domestica Borkh.) with special reference to Ambri and Delicious groups in Kashmir Valley	Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Phil on whole-time basis.
25.	Fayaz Ahmad Wani Ph. D Whole-time Reg. No.10692-bc-1999	Dr. Abdul Hamid Wani	Studies on rhizosphere soil mycoflora of some medicinal plants of Kashmir Valley	Studies on rhizosphere soil mycoflora of some medicinal plants of Kashmir Valley	Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Philon whole-time basis.
76.	Vaseem Raja	Dr. Riffat Jhon	Alleviation of Oxidative Damage During		
V	Ph.D Whole-time leg. No.34580-S-1998		Multiple Environmental Stresses by Installation of Ascorbate-Glutathione Pathway in Tomato	S40 S	Refer back to DRC for modification of topic and then rout through the Dean of the Faculty to Dean Research for final approach.
	1	-			approval. II. Subject to production of documentary evidence to the effect that he has pursued M.Sc/ M.Phil on
Viy				O. ww	whole-time basis.

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	27.	Bisma Malik Ph.D I Whole-time Reg. No.45466-w-2005	Dr. Reiaz Ul Rehman Dr. Inayatullah Tahir Dr. Inayatullah Tahir Prof. M.Z. Abdin (Co-supervisor)	Studies on anti-oxidant potential and proteomic profiling of Chicory (Cichorium intybus L.) grown in Kashmir	August along the second	A STATE THE PARTY OF THE PARTY	I. Refer back to DRC for modification of topic and then rout through the Dean of the Faculty for final approval of the Dean Research. II. Subject to production of documentary evidence to the effect that he has pursued M.Phil on whole-time basis.
V	28.	Tanveer Bilal . Pirzada Ph.D Whole-time Reg. No.17007-SJ-2005	Dr. Reiaz UI Rehman Dr. Inayatullah Tahir Dr. Mohammad Irfan Qureshi (Co-supervisor)	Biochemical studies and Proteomic Profiling of Fagopyrum species grown in Kashmir			I. Modify the synopsis in consultation with Prof. K. I. Andrabi II. Subject to production of documentary evidence to the effect that he has pursued M.Sc/M.Phil on whole-time basis.
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Department: Botany

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S. No	Name of the Scholar	Name of the Supervisor	Proposed Topic of Research	Approved Topic of Research	Remarks
1.	Shabia Tariq M.Phil (whole-time) Registration No. 747067-W-2006	Dr. Inayatullah Tahir	Physiology of senescence and postharvest processing in some select ornamental flowers of Onagraceae	Physiology of senescence and postharvest processing in some select ornamental flowers of Onagraceae	
2.	Ubaid Yaqoob M.Phil (whole-time) Registration No. 40530-S-2006	Dr. Irshad Ahmad Nawchoo Dr. Khursheed Ahmad (co-supervisor)	Reproductive biology of Ferula jaeschkeana Vatke in Kashmir Valley	Reproductive biology of Ferula jaeschkeana Vatke in Kashmir Valley	
37	Hadiya Shafi M.Phil (whole-time) Registration No. 47256-W-2006	Dr. Irshad Ahmad Nawchoo Dr. Zahoor A. Kalloo (co-supervisor)	Development of ex situ conservation strategies for Fritillaria roylei Hook f.	Development of ex situ conservation strategies for Fritillaria roylei Hook f.	
4.	Samar Amin M.Phil (whole-time) Registration No. 12981-AW-2005	Dr. Zahoor Ahmad Kaloo Dr Seema Singh (co-supervisor)	Micropropagation of Inula royleana DC: A threatened medicinal plant of the Kashmir Himalaya	Micropropagation of <i>Inula royleana</i> DC: A threatened medicinal plant of the Kashmir Himalaya	
	Ayaz Bashir M.Phil (whole-time) Registration No. 40483-S-2006	Dr. Zafar A. Reshi	Clonal trait diversity in aquatic angiosperms of Kashmir Valley	Clonal trait diversity in aquatic angiosperms of Kashmir Valley	

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Secret Spine 1	1	6.	Tabinda Altaf M.Phil (whole -time) Registration No. 42113-ANG-2003	Dr. Zahoor Ahmad Kaloo Dr. Seema Singh (co-supervisor)	In vitro propagation for conservation of Gentiana kurroo Royle - a threatened medicinal plant species of Kashmir Himalaya	In vitro propagation for conservation of Gentiana kurroo Royle - a threatened medicinal plant species of Kashmir Himalaya		
		7.	Ali Abbas Rather M.Phil (whole -time) Registration No. 19106-SJ-2006	Dr. Irshad Ahmad Nawchoo Dr. Khursheed Ahmad (co-supervisor)	Reproductive biology of Ajuga bracteosa Wallich ex Benth in Kashmir Valley	Reproductive biology of Ajuga bracteosa Wallich ex Benth in Kashmir Valley		
		8.	Afreen Jan NET Lectureship M.Phil (whole -time) Registration No. 11759-AW-2004	Dr. Manzoor Ahmad Shah Dr. Zafar Ahmad Reshi (co-supervisor)	Carbon Sequestration by Macrophytes in Hokersar Wetland (Kashmir) in relation to carbon credit assessment	Carbon Sequestration by Macrophytes in Hokersar Wetland (Kashmir) in relation to carbon credit assessment		
	V	9.	Shazia Parveen M.Phil (whole -time) Registration No. 9869-PC-2006	Dr. Abdul Hamid Wani	Pathological studies on fungal rot of pear (Pyrus communis L.) and peach (Prunus persica (L.) Batsch) in Kashmir Valley	Pathological studies on fungal rot of pear (Pyrus communis L.) and peach (Prunus persica (L.) Batsch) in Kashmir Valley		
	V	19	Shaziya Nisar M.Phil (whole-time) Registration No. 44945-W-2005	Dr. Inayatullah Tahir	Physiology of senescence and postharvest processing in some select ornamental flowers of Solanaceae	Physiology of senescence and postharvest processing in some select ornamental flowers of Solanaceae	10	
	×	11.	M.Phil (whole -time) Registration No. 47480-W-2006	Dr. Irshad A. Nawchoo Dr. Zahoor A. Kaloo (co-supervisor)	Development of ex situ conservation strategies for Jurinea dolomiaea Boiss.			

12.	Nuzhat Mehraj Wasil NET Lectureship M.Phil (part -time) Registration No. 1671-BW-2002	Dr. Zafar Ahmad Reshi	Comparative ecological studies on invasive and non-invasive alien species of Sisymbrium L. in Kashmir Valley	· · · · · · · · · · · · · · · · · · ·	
13.	Peerzada Arshad Shabir Ph.D (whole -time) Registration No. 13772-BC-2003	Dr. Irshad Ahmad Nawchoo Dr. Aijaz Ahmad Wani (co-supervisor)	Reproductive biology of some species of <i>Inula</i> L. in Kashmir Himalaya	Reproductive biology of some species of Inula L. in Kashmir Himalaya	
1	Shahzada Arshid Ph.D (whole -time) Registration No. 13753-SJ-2002	Dr. Aijaz Ahmad Wani	Reproductive biology of Myriophyllum L. (Haloragaceae) in the Kashmir Himalaya	Reproductive biology of Myriophyllum L. (Haloragaceae) in the Kashmir Himalaya	
3	Cheesfeeda Akhtar Ph.D (whole -time) Registration No. 12039-NW-2000	Prof. Zafar A. Reshi Prof. G. H. Dar (co-supervisor)	Reproductive ecology of some species of <i>Impatiens</i> L. in relation to their distribution and abundance in Kashmir valley	Reproductive ecology of some species of <i>Impatiens</i> L. in relation to their distribution and abundance in Kashmir valley	A
I P C	Shakier Hussain Dar Ph.D whole -time) Registration No. 823-PC-2003	Dr. Mohd Yaqub Dr. Ab. Hamid Wani (co-supervisor)	Studies on the interaction of plant parasitic nematodes with fungi on chilli (Capsicum annum L.) and potato (Solanum tuberosum L.)	Studies on the interaction of plant parasitic nematodes with fungi on chilli (Capsicum annum L.) and potato (Solanum tuberosum L.)	The candidate has obtained M.Phil degree from Dr.B.R.Ambedkar University Agra.



1	Pervaiz Ahmad Da Ph.D (whole -time) Registration No. 37863-S-2003	Reshi	Comparative study of biotic homogenization in aquatic and terrestrial ecosystems of Kashmir Valley	homogenization in biotic	
	Showkat Ahmad Shah Ph.D (whole -time) Registration No. 39807-ANG-2002	Prof. Zafar A. Reshi	Life history variations in some alien plant species along altitudinal gradients in the Kashmir Himalaya	Life history variations in some alien plant species along altitudinal gradients in the Kashmir Himalaya	The candidate has obtained M.Phil degree from other University.
19	Fandith (NET) Direct Ph.D (whole -time) Registration No. 20735-SP-2004	Dr.Manzoor Ahmad Shah Dr.Surinder K Lattoo (Co-supervisor)	Molecular Cloning, Characterisation and Expression Profiling of some Strategic Genes of Polyketide Pathway in <i>Rheum Emodi</i> Wall. Ex. Meissn	and Expression Profiling of	
20	Aabid Mohi-ud- Din Rather Ph.D (whole -time) Registration No. 53387-ANG-2002	Dr.Irshad A.Nawchoo Dr.Khursheedn A.Ganie (Co-supervisor)	A study of Mating Systems of some Medicinal Plants of Kashmir Himalaya	A study of Mating Systems of some Medicinal Plants of Kashmir Himalaya	

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