

(1.1.1) Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the University

Upload description in not more than 500 words

(2.2.1) The institution assesses the learning level of the students, after admission and organises special programs for advanced learners and slow learners

The centre organises synopsis presentation, methodology ,progress report presentation,pre submission and submission seminar in the centre for assessing the learning levels and progress of the scholars.

(2.3.1) Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Upload description of student centric methods in not more than 500 word

Faculty members in the centre are actively using **OHPs** (Over head projectors) and power point presentations (**PPTS**) as the latest technologies for enhancing the teaching methods. Furthermore chalk and board method is also being used in certain interactive discussions and seminars.

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(2.6.2) Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Upload a description of the method of measuring attainment of POs , PSOs and COs in not more than 500 words and the level of attainment of POs , PSOs and COs.

(3.1.6) Percentage departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognitions by government agency**Data Requirement for last five years (Academic years 2012 - 2016)**

Name of theDepartment	Name of theScheme	Name of the fundingagency	Year ofAward	Fundsprovided	Duration ofaward
Department of Environmental Science in collaboration with the Centre has been sanctioned (FIST) and has been granted 58 lakhs	FIST	DST-FIST	2016	58,00,000/= (Phase-I)	
CORD	DST	DST-GoI	2013	32,00,000/=	03 years
CORD	LADWA	LADWA (J&K Govt.)	2012	60,00,000/=	
CORD	DBT	DBT, GoI	2012	28,34,776/=	03 years
CORD	DBT	DBT, GoI	2012	55,28,720/=	04 years
CORD	DST	DST-GoI	2012	26,62,000/=	03 years
CORD	DBT	DBT, GoI	2012	25,00,000/=	04 years
CORD	CSB	CSB, Ministry of textile GoI Bengaluru	2016	39,90,000/=	03 years
CORD	DST	DST	2013	97,00,000/=	03 years
CORD	DST	DST-GoI	2014	27,00,000/=	03 years
CORD	UGC	UGC	2014	1,50,00,000/=	03 years
CORD	State DST	State DST	2015	13,80,000/=	03 years
CORD	DBT	DBT-GoI	2013	90,70,000/=	
CORD	DST	DST	2013	17,80,000/=	03 years
CORD	DBT	DBT	2013	19,60,000/=	03 years
CORD	CPEPA	UGC under CPEPA	2016	5,27,00,000/=	05 years
CORD	WOS-A	DST, GoI (WOS-A)	2016	16,00,000/=	03 years
CORD	WOS-A	DST, GoI (WOS-A)	2014	18,90,000/=	03 years
CORD	WOS-A	DST, GoI (WOS-A)	2013	23,48,355/=	03 years
CORD	WOS-A	DST, GoI (WOS-A)	2010	15,19,000/=	03 years
CORD	Biocare programme for women Scientists	DBT, GoI under Biocare programme for women Scientists	2014	22,50,000/=	03 years
CORD	DST (young scientist)	DST-SERB	2016	70,00,000/=	

CORD	AYUSH	Ministry of AYUSH	2016	69,00,000/=	
CORD	CSRI	CSRI-KIRAN	2016	62,00,000/=	
	Sonmarg Development Authority	Sonmarg Development Authority	2013	27,50,000/=	

Upload of departmental recognition award letters on departmental website and send a hard copy and the scanned copies to office of the DIQA

(3.3.3) Number of awards for innovation won by institution/teachers/research scholars/students during the last five years**Data Requirement for last five years (Academic years 2012 - 2016)**

Name of the Awardee	Department	Name of the Awarding Agency with contact details	Year of Award
Prof. Azra N Kamili	CORD	Lady Special Award & Certificate” from 92.7 Big FM for contribution in the field of Science	April 2012.
Prof. Azra N Kamili	CORD	Received Fellowship, Gold Medal, Citation and Certificate from Indian Academy of Environmental Science (IAES), Haridwar	
Prof. Azra N Kamili	CORD	Received Fellowship, Gold Medal, Citation and Plaque from National Environmental Science Academy (NESA), New Delhi.	2013
Prof. Azra N Kamili	CORD	Received “Rashtriya Vidya Ratan Award” from Foundation for Accelerated community empowerment New Delhi	2014
Prof. Azra N Kamili	CORD	Selected as fellow of International conference on Environment and Ecology (FICEE) in the year 2015 (2 nd March) by scientific and environment research Institute Kolkata foundation for Science and Environment, Kolkata	year 2015 (2 nd March)
Prof. Azra N Kamili	CORD	Certificate of Appreciation for acting as member of Abstract Review Committee in “Global conference on Unani Medicine, Emerging trends and Future prospects, at SKICC Srinagar.	Oct 12-13 th 2015
Prof. Bashir Ahmad Ganai	CORD	Certificate of Excellence Modi Institute of	2013

		Management and Technology, Kota Rajasthan	
Prof. Bashir Ahmad Ganai	CORD	Fellowship Award (Gold medal) by NESAI at Jamia Hamdard University, New Delhi	Dec. 2013
Prof. Bashir Ahmad Ganai	CORD	Awarded as Gold Medal at Babashaeb Bimrao Ambedkar University, Lucknow, Uttar Pradesh in collaboration with the Indian Academy of Environmental Sciences, Haridwar, Uttarkhand	2014
Prof. Bashir Ahmad Ganai	CORD	Certificate of Appreciation 2 nd International Conference on Ayurveda, Unani, Siddha and traditional Organized by Institute of Indigenous Medicine, University of Colombo Rajagiriya, Srilanka.	Dec-2014.
Prof. Bashir Ahmad Ganai	CORD	Awarded as Fellow of Academy of Plant Science India Smt, N.M Padalia Pharmacy College, Ahmedabad, Gujrat.	2015
Prof. Bashir Ahmad Ganai	CORD	Awarded as Fellow International conference on Environment and Ecology held at Kolkata, West Bengal India.	2 nd March, 2015
Prof. Bashir Ahmad Ganai	CORD	Adjudged as Best Speaker "Innovative Technology Transfer for Live hood and Entrepreneurship Development" In SKUAST.	24 th March 2015,
Prof. Bashir Ahmad Ganai	CORD	Eminent Scientist of the year 2015 2 nd International Conference on Environment and Ecology held at Bhrathiar University, Coimbatore, Tamil Nadu, India.	7 th March 2016
Prof. Bashir Ahmad Ganai	CORD	Excellent teacher Award by University of Kashmir	2016
Dr. Tawqir Bashir- S.C. Pandeya	CORD	SPERF- S.C. Pandeya	

(3.4.4) Number of Ph.D.s awarded per teacher during the last five years**Data Requirement for last five years (Academic years 2012 - 2016)**

Name of the PhD scholar	Department	Name of the Department	Name of the guide/s	Year of registration of the scholar	Year of award of PhD
Humaira Qadri	Environmental Science	CORD	Prof. A. R. Yousuf		2012
Shaheena Shafi	Environmental Science	CORD	Prof. A. R. Yousuf		2012
Samira Siraj	Environmental Science	CORD	Prof. A. R. Yousuf Dr. Muni Parveen		2012
Tehmina Yousuf	Environmental Science	CORD	Prof. A. R. Yousuf		2012
Rafia Rasool.	Biochemistry	Biochemistry	Prof. B. A. Ganai	2009	2012
Anees Fatima	CORD	CORD	Prof. Azra N Kamili/ Prof. A. M. Shah	28-5-2004	2012
Shagufta Parveen	Environmental Science	CORD	Prof. Azra N Kamili Prof. A.M. Shah		2013
Umer Rashid Zargar	CORD	CORD	Prof. M.Z. Chishti, Prof. A. R. Yousuf	18-07-10	15-06-2013
Bashir Ahmad Lone	CORD	CORD	Prof. M. Z. Chishti Dr. Raja Fayaz Ahmad	27-11-09	08-04-2013
Aftab Ahmad Bhat	Environmental Science	CORD	Prof. A. R. Yousuf Dr. Wajahat Amin Shah		2013
Qulsum Akhter	Biochemistry	Biochemistry	Prof. B. A. Ganai	2009	2013
Shugufta Parveen	CORD	CORD	Prof. Azra N Kamili	04-02-2006	09-12-2013
Suhaib Ahmad Bandh	Environmental Science	CORD	Prof. Azra N Kamili/ Prof. B.A. Ganai	06-04-2010	2013
Samira Saleem	Environmental Science	CORD	Prof. Azra N Kamili/ Dr. Dilip Kakru	31-01-2011	2013
Nahida Akhtar	CORD	CORD	Prof. A. R. Yousuf		2013
Bashir Ahmad Lone	CORD	CORD	Prof. M. Z. Chishti/ Prof. Fayaz Ahmad		2013
Tanzeela Khan	Biochemistry	Biochemistry	Prof. B. A. Ganai	2010	2014
Sabha Rasool	Biochemistry	Biochemistry	Prof. B. A. Ganai	2010	2014

Javaid A Parray	Environmental Science	CORD	Prof. Azra N Kamili/ Prof. R.A. Qadri/ Prof. Z.A. Reshi	16-06-2010	2014
Dilafroza Jan	Environmental Science	CORD	Prof. Azra N Kamili/ Prof. A.K. Pandit	31-01-2011	2014
Khalida Hassan	CORD	CORD	Prof. A. R. Yousuf		2014
Sumira Maqbool	CORD	CORD	Prof. G. A. Bhat/ Dr. Arshid Jehangir		2014
Ashaqullah Bhat	Clinical Biochemistry	Punjab university patalia	Prof. B. A. Ganai	2011	2015
khalid Ghazanfar Mustafa	Biochemistry	Biochemistry	Prof. B. A. Ganai	2012	2015
Naseer Ahmad Dar	Environmental science	Environmental science	Prof. B. A. Ganai		2015
Mubashir Qayoom	Biochemistry	Biochemistry	Prof. B. A. Ganai	2011	2015
Bilal ahmad wani	Environmental science	Environmental science pondicherry university	Prof. B. A. Ganai	2011	2014
Rafiq Ahmad Rather	Biochemistry	Biochemistry	Prof. B. A. Ganai	2011	2015
Sumira Tyub	CORD	CORD	Prof. Azra N Kamili/ Prof. Z.A. Reshi	01-11-2007	17-08- 2015
Naseer Ahmad Dar	Environmental Science	CORD	Prof. Ashok K. Pandit		2015
Salim Aijaz	Environmental Science	CORD	Prof. Ashok K. Pandit		2015
Javaid Ahmad Shah	CORD	CORD	Prof. Ashok K. Pandit/ Prof. G. Mustafa Shah	01-09-2012	26-12- 2015
Aaliya Ismat Baba	Environmental science	CORD	Prof. Ashok K. Pandit		2015
Falk Qazi	Biochemistry	Biochemistry	Prof. B. A. Ganai	2010	2016
Gulzar Ahmad Bhat	Biochemistry	Biochemistry	Prof. B. A. Ganai	2012	2016
Hilal Ahmad Ganaie	CORD	CORD	Dr. MD. Niamat Ali		2016
Maryum Mehraj	CORD	CORD	Dr. MD. Niamat Ali		2016
Saleem Mustaq	CORD	CORD	Dr. MD. Niamat Ali		2016
Syed Sana Mehraj	Environmental Science	CORD	Prof. Azra N Kamili/ Dr. Ruqeya Nazir/ Prof. G.A. Bhat	29-10- 2013	2016

Sabzar Ahmad Dar	CORD	CORD	Prof. A. R. Yousuf/ Prof. M.N. Balkhi	21-11-2011	19-04- 2016
Irfana Jamila	CORD	CORD	Prof. A. R. Yousuf/ Prof. Muni Parveen	02-11-2011	29-06- 2016
Khalida Hassan	CORD	CORD	Prof. A. R. Yousuf	14-09-2011	27-04- 2016
Javid Hassan Shah	CORD	CORD	Prof. M. Z. Chishti/ Dr. Majida Rashid	3-12-2008	01-06- 2015
Mir Dilgir Mehdi	CORD	CORD	Prof. A. R. Yousuf	6-06-2006	25-04- 2011
Shazia Bashir	CORD	CORD	Prof. G.A. Bhat	15-11-2007	2016

(3.4.5) Number of research paper per teacher in the Journals notified on UGC web site during the last five years**Data Requirement for last five years (Academic years 2012 - 2016)**

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
First Qualitative Survey of Filamentous Fungi in Dal lake, Kashmir	Bandh, S.A, Kamili, A. N. , Ganai, B. A, Saleem, S., Lone, B. A. and Nissa, H.	CORD/ Environmental Science	Journal of Yeast & Fungal Research 3 (1): 7-11	2012	ISSN: 2141-2413
Effect of Benzyl adenine, Kinetin and Thidiazuron on <i>In Vitro</i> Shoot Proliferation of <i>Hyoscyamusniger</i> L.	Quadri, R. R, Kamili, Azra. N. Shah, A. M. and Da Silva, J.A.	-do-	Medicinal and Aromatic Plant Science and Biotechnology 6(1): 81- 83	2012	ISSN: 1752-3389
<i>In vitro</i> Multiplication of <i>Arnebia benthamii</i> Wall. – A Critically Endangered Medicinal Herb of the Western Himalaya	Quadri, R. R., Kamili, Azra. N. , da Silva, J.A.Tand Shah, A. M.		Functional Plant Science and Biotechnology, 6(1): 54-57	2012	ISSN: 1749-0472
Antioxidant activities of extracts of the inflorescences and aerial parts of the herb, <i>Artemisia amygdalina</i> Decne.	Rasool, R., Ganai, B.A., Akbar, S., Kamili, A. N. , Dar, M.Y. and Masood, A.		<i>The Journal of Horticultural Science & Biotechnology</i> , 87(5): 455–460	2012	ISSN: 1462-0316 Impact Factor = 0.87
Variation in bioactive principles of <i>Artemisia amygdalina</i> Decne. in wild and tissue culture regenerants.	Rasool, R., Ganai, B.A., Akbar, S., Kamili, A. N. and Dar, M.Y		<i>Pak J. Pharm. Sci.</i> , 26 (20	2012	(ISSN: 1011-601X)(Impact Factor =1.2
Comparisional analysis of Wild and Regenerant products of <i>Artemisia amygdalina</i> Decne. against Clinical MDR isolates,	Rasool, F., Bashir, G., Kamili, A. N. , Akbar, S., Ganai, B. A. and Ahanger, I.		Journal of Pharmacy Research, (5): 2562-2566.	2012	ISSN: 0974-6943) (Impact Factor = 2.36
Identification of some <i>Aspergillus</i> species isolated from Dal Lake, Kashmir by traditional approach of morphological	Bandh, S. A., Kamili A. N. and Ganai, B. A		African Journal of Microbiology Research 6(29): 5824-5827	2012	ISSN: 1996-0808) (Impact factor 0.533)

observation and culture					
<i>In Vitro</i> Propagation of <i>Parrotiopsis jacquemontiana</i> (Decne) Rehd. Using Mature Tree Explants	Hussain S. A. Kamili, A. N. , da Silva, J.A. Tand Shah, A. M.		International Journal of Plant Developmental Biology 6 (1): 57-60	2012	ISSN: 1749-4753
In vitro cormlet production of saffron (<i>Crocus sativus</i> L. Kashmirianus) and their flowering response under greenhouse.	Parray, J. A., Kamili, A. N. , Hamid, R. and Husaini, A. M.		<i>GM Crops and Food: Biotechnology in Agriculture and the Food.</i> 3(4), 289-95	2012	ISSN: 2164-5701
Chromium stress in <i>Brassica juncea</i> L. cv. 'Pusa Jai Kissan' under hydroponic culture	Hamid, R. ., Parray, J. A., Kamili, A. N. and Mahmooduzzafar.		<i>African Journal of Biotechnology</i> , 11(90): 15658-15663	2012	ISSN: 1684-5315
Effect of Kinetin and different auxins on in vitro shoot multiplication of <i>Bergenia ligulata</i> (Haw.) Sternb. Using modified MS medium	Parveen, S. and Kamili, A. N. and Shah, A. M.		Journal on New Biological Reports 1(2): 75-79	2012	ISSN 2319-1104
Impact of BAP and different auxins on invitro shoot proliferation of <i>Rheum emodi</i> Wall.	Parveen, S. and Kamili, A. N. and Shah, A. M.		Journal of Pharmacy and Biological Sciences, 4(5): 47-51	2012	ISSN: 2278-3008
A preliminary study of colony forming units of bacteria from the soils of Yusmarg forest, Kashmir valley, India	Dar, G.H., Kamili, Azra N. , Nazir, R., Bandh, S. A., and Bhat, R. A		<i>International Journal of Current Research</i> , 4(12): 467-472	2012	ISSN:0975-833X) (IF: 1.125).
Invitro shoot multiplication response from shoot tips of <i>Bergenia ligulata</i> Engl. on different nutrient medium- A comparative study.	Parveen, S. and Kamili, A. N.		<i>International Journal of Innovative Research & Development</i> 2(1): 65-75	2013	ISSN: 2278-0211
Variation in bioactive principles of <i>Artemisia amygdalina</i> Decne. in wild and tissue culture regenerants Pak	Rasool, R., Ganai, B.A., Akbar, S., Kamili, A. N. , Dar, M.Y & Masood A		<i>J. Pharm. Sci.</i> , 26(20): 623-628	2013	ISSN: 1011-601X)(Impact Factor = 1.2
Screening of beneficial properties of rhizobacteria isolated	Parray, J.A., Kamili, Azra N , Reshi, Z. A, Hamid, R. and		<i>African Journal of Microbiology Research</i> 7(23),	2013	ISSN: 0022-3549

from Saffron (<i>Crocus sativus</i> L) rhizosphere	Qadri, R. A		2905-2910		
Characterization and composition of municipal solid waste (MSW) generated in Yousmarg: A health resort of Kashmir Valley. A glance at the World/	Bhat, R.A., Kamili, Azra N & Bandh, S. A.		<i>Waste Management.</i> 33: 776-777,	2013	ISSN: 0956-053X) (Impact factor 2.42
Antimicrobial and Antioxidant activities of alcoholic extracts of <i>Rumex dentatus</i> L	Nisa, H., Kamili Azra N. , Bandh, S. A., Amin S., Lone, B. A. & Nisa, G.		<i>Microbial Pathogenesis</i> 57: 17-20	2013	ISSN: 0882-4010) (Impact factor 1.94
Kashmir Saffron in Crisis	Husaini, A. M., Bhat, M. A., Kamili, A. N. and Mir, M. A.		<i>Current Science,</i> 104 (6):	2013	ISSN: 0011-3891) Impact factor 0.9
Synergistic effect of auxins and cytokinins on propagation of <i>Artemisia amygdalina</i> (Asteraceae), a critically endangered plant of Kashmr	Rasool, R., Ganaie, B.A., Kamili, Azra N. , Akbar, S. & Masood, A.		<i>Pak. J. Bot.</i> 45(2): 629-634	2013	Impact factor 1.2
Water Quality Assessment of Dal Lake, Kashmir Using the Coliforms as Indicator Bacteria	Saleem, S., Kamili Azra N. , Kakru, D. K., & Bandh, S.A.		Journal on New Biological Reports 2(1): 30-35	2013	ISSN 2319 – 1104
Microbial Assessment and Effect of Seasonal Change on the Removal Efficiency of FAB Sewage Treatment Plant.	Jan, D., Pandit, A. K. & Kamili Azra N.		Journal of Environmental Engineering & Ecological Science doi: 10.7243/2050-1323-2-1.	2013	ISSN: 2050-1323
Inter-simple sequence report (ISSR) analysis of somaclonal variation in <i>Artemisaamygdalina</i> Dec ne. plantlets regenerated from nodal explants.	Khan, M., Ganai, B.A., KamiliAzra N. & Akbar, M.		Journal on New Biological Reports 2(1): 40-43,	2013	ISSN 2319-1104
Efficiency evaluation of three fluidized aerobic bioreactor based sewage treatment plants in Kashmir Valley	Jan, D., Pandit, A.K. & Kamili Azra N.		African Journal of Biotechnology 12 (17): 2224-2233	2013	ISSN 1684-5315
Importance of Himalayan Medicinal Plants and their Conservation	Parveen, S., Jan, U. and Kamili Azra N.		Australian Journal of Herbal Medicine. 25	2013	ISSN 1033-8330

Strategies			(2): 63-67,		
Current Research Trends in wastewater Treatment – A Review	Pandit, A.K., Jan, D., Kamili Azra N. and Mushtaq, B		International Journal of Environment and Bioenergy. 6 (2): 117-145.	2013	ISSN: 2165-8951
Phytochemical screening, antimicrobial and antioxidant efficacy of different extracts of <i>Rumex dentatus</i> L. – a locally used medicinal herb of Kashmir Himalaya.	Nisa, H., Kamili, Azra N , Bandh, S. A., Amin, S., Lone, B.A and Parray, J.A		Asian Pacific Journal of Tropical Disease. 3 (6): 434-440.	2013	ISSN: 1995-7645
Coliform bacterial estimation: A tool for assessing water quality of Manasbal Lake of Kashmir, Himalaya	Shafi, Sana , Kamili, Azra N. , Shah, M. A. and Bandh, S. A.		African Journal of Microbiology Research. 7(31): 3996-4000	2013	ISSN: 1996-0808
Comparative analysis of different types of bacterial colonies from the soils of Youmarg forest, Kashmir valley India	Dar, G.H., Bandh, S.A., Kamili, Azra N. , Nazir, R. and Bhat, R.A.		Ecologia Balkanica. 5 (1): 31-35	2013	ISSN: 1313-9940
Socioeconomic studies of Gulmarg Wildlife sanctuary-a preliminary study.	Sumira Tyub, Aashik H Mir, Azra N Kamili , Mohd Mansoor Bhat		Journal of Himalayan Ecology and Sustainable Development. 8, 155-165	2013	ISSN: 0973-7502
Municipal solid waste generation rates and its management at Yusmarg forest ecosystem- a tourist resort in Kashmir.	Bhat, R. A., Nazir, R., Ashraf, S., Ali, Bandh, S.A., & Kamili, A.N		Waste Management & Research 32(2): 165-69	2014	Impact factor 1.047) ISSN: 0734-242X
Antimicrobial and antioxidant activity of <i>Nigella sativa</i> Linn seeds.	Shahidul Islam & Azra N Kamili		Biosci. Biotech. Res. Comm. 6(2): 190-195	2013	ISSN : 0974-6455
Feasibility of Radiation technology for wastewater treatment.	Jan, S., Kamili, A.N. , Parveen, T., Hamid, R., Parray, J., Siddiqui, T.O., Mahmoodzaffar & Ahmad, P.		Desalination and Water Treatment 1-16	2014	Imapct factor 0.8 ISSN: 1944-3986
In vitro micropropagation of <i>Rheum</i> explants supplemented with	Tabin, S., Gupta, R.C. and Kamili, A.N		Journal of Agriculture and Veterinary Science 7(3):	2014	ISSN: 2319 - 2380

various types of growth hormones			97-100		
Antibacterial and Antioxidant activity of methanol extract of Stigma and <i>in vitro</i> raised callus of <i>Crocus sativus</i> Kashmirianusc.v.	Javid Parray, Azra N. Kamili , Rehana Hamid, Zafar Reshi, RaiesQadri		Frontiers in Life Science ID: 951774 DOI:10.1080/21553769.2014.951774)	2014	ISSN: 2155-3777
Physiological adaptation in medicinal herbs before snow fall across North Western Himalaya	Sumira Jan, Azra N Kamili , Rehana Hamid, Javid A Parray		Israel journal of Botany	2014	ISSN: 2223-8980
Sulfated triterpenes from Lemon balm. Helvetica	A. Dar, Suliman Yousef Al Omar Khalid Z. Masoodi, Bashir A. Ganai, Azra N. Kamili , Abdul S. Shawl		Chimica Acta 05/2014; 97.2014	2014	ISSN:1522-2675 Impact Factor: 1.38
Molecular characterization using rRNA genes: A simple and direct tool for identification of ectomycorrhizae from pooled root-tip samples	SumiraTyub, Azra N Kamili , Shoiab Bukhari, Taseem A. Mokhdomi, Asif Amin, Raies A. Qadri, Zafar A. Reshi		International Journal of Advanced Research 2 (11), 553-559	2014	ISSN 2320-5407A
Distribution, chemical composition and medicinal importance of saffron (<i>Crocus sativus</i> L.)	S Jan, AA Wani, AN Kamili , M Kashtwari		African Journal of Plant Science 8(12): 537-545	2014	ISSN: 1996-0824
Qualitative phytochemical analysis	Mohammad Yaseen Mir, Azra N Kamili , Qazi Hassan Parvaiz, Javaid Ahmad Parry and SabreenaJanwari		J of Res. & Dev. 15: 53-59	2015	ISSN : 0972 - 5407
Effects of Mutagenic sodium azide (NaN ₃) on in vitro development of <i>Nigella sativa</i> .	Abid Nabi Kalla, SumiraTyub and Azra N Kamili		J of Res. & Dev. 15: 48-52.	2015	ISSN : 0972 - 5407
Ecological functions of Ectomycorrhizal fungi	SumiraTyub, Azra N Kamili , Zafar A Reshi, Syed Sana Mehraj and Imran Khan		J of Res. & Dev. 15: 122-129	2015	ISSN: 0972 - 5407
Analysis of physiobiochemical attributes some key	Rehana Hamid, Azra N. Kamili , Mahmood Uzzafar,		Plant Growth Regul. DOI 10.1007/s10725	2015	ISSN : 1573-5087

antioxidants and esculin content through HPLC in in vitro grown <i>Cichoriumintybus</i> L. treated with ethylmethane sulfonate.	SalihGucel, Munir Ozturk , Parvaiz Ahmad		-014-9992-y		
Interaction of rhizobacterial strains for growth improvement of <i>Crocus sativus</i> L. under tissue culture conditions.	Javid A. Parray, Azra N. Kamili , Zafar A. ReshiRaies A. Qadri, Sumira Jan		<i>Plant Cell Tissue Organ Cult.</i> Doi: 10.1007/s11240-014-0703-1	2015	Impact Factor: 2.621 ISSN: 1573-5044
Reduced perylenequinone derivatives from an endophytic <i>Alternaria</i> sp. isolated from <i>Pinus ponderosa</i>	Ahmed Idris, Mudasir A. Tantry, Bashir A. Ganai, Azra N. Kamili , John S. Williamson		Phytochemistry Letters01/2015; DOI: 10.1016/j.phytol.2015.01.008	2015	Impact Factor: 1.54
Crocetenone, a New Rotenoid with an Unusual trans-fused Ring System from <i>Iris crocea</i>	Gulzar Bhat, Fauzia Mir , Abdul S. Shawl, Bashir A. Ganai , Azra N. Kamili , Akbar Masood		Natural product communications 10(1):1-2.	2015	Impact Factor: 0.92 ISSN: 1555-9475
Differential response of terpenes and anthraquinones derivatives in <i>Rumexdentatus</i> and <i>Lavandula officinalis</i> to harsh winters across North Western Himalaya.	Sumira Jan; Azra N Kamili ; Javid A Parray; Y S Bedi.		<i>Natural Product Research.</i> 3/2015. DOI:10.1080/14786419.2015.1030404	2015	ISSN: 1478-6427
Abundance and diversity of major cultivable fungal flora of River Jhelum in Kashmir Himalaya	Furqana Fayaz, Azra N. Kamili , Bisma Zahoor Hafiz Imran Khan Gowhar Hamid Dar		Journal of ecology and environment 7(1): 1-6 DOI: 10.5897/JENE2014.0491	2015	ISSN : 147864
Phytoremediation potential of free floating macrophytes-a review	NuzhatShafi, Ashok K Pandit, Azra N Kamili , Basharat Mushtaq		Merit Research journal of Environmental Science and Technology 3(1):12-16	2015	ISSN: 19947887
Biological efficacy and radical scavenging potential of shikonin in <i>Arnebiabenthamii</i> (Wall ex. G Don) Johnston	Javid A. Parray, Rehana Hamid, Azra N. Kamili , Nowsheen Shameem, Sumira Jan, Bashir A Ganai		Industrial Crops and Products 04/2015	2015	Impact Factor: 3.21 ISSN: 0.926-6690
Fungal endophytes as prolific source of phytochemicals and other	HumeeraNisa, Azra N. Kamili , Irshad A. Nawchoo, Sana Shafi,		Microbial Pathogenesis 82: 1-10	2015	Impact Factor: 2.009 ISSN: 0882-

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Periphytic algal community of Dal lake in Kashmir, India.	Pandit, A.K. , Farooq, S. and Shah, J.A.		Research Journal of Environmental Sciences, 8(7):391-398.	2014	
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Research trends in cladoceran diversity from Kashmir Himalaya. Proc	Pandit, A. K. ,Shah, J. A. and Shah, G. Mustafa		.Natl. Acad. Sci., India, Sect. B Biol. Sci., DOI.10.1007/s4 0011-014-0480- y. IF= 0.39 (Springer)	2015	

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Growth rate and chlorophyll response of Duckweed Lemna minor in heavy metal pollution	Shafi, Nuzhat, Pandit, Ashok, K. and Kamili A.N		Int. J. Adv. Res. Biol. Sci., 2(3): (2015): 43–47.	2015	
Influence of land use/land cover on the water chemistry of Wular lake in Kashmir Himalaya (India).	Hassan Zahoor ul, Shah, J. A.,Kanth,T.A. and Pandit, A. K		Ecological Processes,4(9):1-11 (Imprint Springer).	2015	
Effect of brick kiln emissions on commonly used vegetables of Kashmir Valley	Skinder,B.M., Sheikh, Afeefa Qayoom, Pandit, Ashok K., Ganai, Bashir Ahmad, and Kuchy, A. H.		Food Science & Nutritiondoi: 10.1002/fsn3.252	2015	
Checklist of Rotifer community from Wular Lake of Kashmir Himalaya	Shah, J. A., Pandit, A. K. and Shah, G. Mustafa		Report and Opinion, 8(3): 23-33.	2016	
Copepoda community of fresh waters: A Review.	Shah, J. A., Pandit, A. K. and Shah, G. Mustafa		American Advances Journal of Biological	2016	

			Sciences,2(5): 168-174.		
Isolation and characterization of three benzylisoquinoline alkaloids from <i>Thalictrum minus</i> L. and their antibacterial activity against bovine mastitis.	Saleem Mushtaq, Muzaffar Ahmad Rather, Parvaiz H. Qazi, Mushtaq A Aga, Aabid Manzoor Shah, Aiyatullah Shah a and Md. Niamat Ali		Journal of Ethnopharmacology (Elsevier), 193, 221-226	2016	(ISSN: 0378-8741)[
Isolation, characterization and HPLC quantification of compounds from <i>Aquilegia fragrans</i> Benth: Their in-vitro antibacterial activities against bovine mastitis pathogens.	Saleem Mushtaq, Mushtaq A. Aga, Parvaiz H. Qazi, Md. Niamat Ali , Aabid Manzoor Shah, Sajad Ahmad Lone, Aiyatullah Shah, Aehtesham Hussain, Faheem Rasool, Hafizullah Dar, Zeeshan Hamid Shah, Shabir Lone		Journal of Ethnopharmacology (Elsevier),	2016	(ISSN: 0378-8741) [dx.doi.org/10.1016/j.jep.2015.11.039] [IF: 3.728].
Studies on the genetic variability of three fish species (<i>Cyprinus carpio specularis</i> , <i>Cyprinus carpio communis</i> and <i>Oncorhynchus mykiss</i>) Collected from Kashmir (India), Using Random Amplified Polymorphic DNA (RAPD) Technique	Hilal Ahmad Ganaie and Md. Niamat Ali		Asian Journal of Animal Sciences, 10 (1): 59-67,	2016	(ISSN: 1819-1878) [DOI: 10.3923/ajas.2016.59.67]
Assessment of environmental stress by the micronucleus test on Cyprinid fish as a model for <i>in situ</i> detection of mutagens in freshwater.	Maryum Meraj, Md. Niamat Ali , Bashir A. Ganai, F. A. Bhat and Hilal A. Ganaie		International Journal of Current Research, 8 (05): 30245-30251	2016	(ISSN: 0975-833X)
GC-MS Analysis and Evaluation of Mutagenic and Antimutagenic	Hilal Ahmad Ganaie, Md. Niamat Ali , Bashir A Ganai, Jasbir		Journal of Clinical Toxicology, 6	2016	(ISSN: 2161-0495 JCT) [

Activity of Ethyl Acetate Extract of <i>Ajuga bracteosa</i> Wall ex. Benth: An Endemic Medicinal Plant of Kashmir Himalaya, India.	Kaur and Mudasar Ahmad		(2), 1-9 (
Evaluation of Mutagenic and Antimutagenic Activity of Aqueous Extract of <i>Ajuga bracteosa</i> Wall ex. Benth.	Hilal Ahmad Ganaiea, Md. Niamat Ali , Bashir A. Ganai, Jasbir Kaur and Mudasar Ahmad		International Journal of Pharmaceutical Sciences Review and Research. 37(2), 156-162	2016	(ISSN 0976 – 044X)
Status of DNA Barcoding of Coleoptera, Hymenoptera and Diptera.	Falak Mushtaq, Md. Niamat Ali , Mohd Maqbool Reshi, Abrar Ahmad and Akhtar Ali Khan		Journal of Research and Development, 16: 58-62	2016	[ISSN: 0972-5407].
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Seasonal variations in population of four species of grasshopper of the genus <i>Oxya</i> (Orthoptera: Acrididae) in Kashmir Valley	Muzaffar Gousia, Azim M. Nayyar and Md. Niamat Ali		Journal of Entomological Research, 39(2), 181 -185	2015	(ISSN: 0378-9519)
Oxidative stress in the freshwater cyprinid crucian carp (<i>Carassius carassius</i> L.) upon chronic exposure to endosulfan	Sabzar Ahmad Dar, Abdul Rehman Yousuf, Masood-ul-Hassan Balkhi and Md Niamat Ali		Toxicological and Environmental Chemistry, 96: 906-916	2015	(ISSN: 0277-2248) [IF:1.28]
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Phytochemical Screening of <i>Ajuga bracteosa</i> Wall ex. Benth.: An Endemic Medicinal Plant of Kashmir Himalaya.	Hilal Ahmad Ganaie , Md. Niamat Ali , Bashir A. Ganai, Mudasar Ahmad and Jasbir Kaur (2015).		Journal of Research and Development 15: 65-71	2015	[ISSN: 0972-5407].
Smoking Habits and their Effects on Different Histological Types of Non-Small Cell Lung Cancer (NSCLC) among Kashmiri Population	Naseer Ue Din Shah, Md Niamat Ali , Syed Mudassar and Abrar Ahmed		Journal of Research and Development, 15: 72-75	2015	[ISSN: 0972-5407].
Studies on the toxicogenomic effects of organophosphate pesticide dimethoate [O, O-dimethyl S-(N-Methylcarbamoylmethyl) Phosphorodithioate] in <i>Cyprinus carpio</i> L	Md. Niamat Ali , Hilal Ahmad Ganaie and Zeenat Nisar		International. Journal of Current Research and Review, 6(11): 79-86	2014	[ISSN: 2231-2196
In-Vivo cytogenetic damage in freshwater cyprinid crucian carp (<i>carassius carassius</i> l.) upon endosulfan exposure.	Sabzar Ahmad Dar, Abdul Rehman Yousuf, Masood-ul-Hassan Balkhi, Md. Niamat Ali , Farooz Ahmad Bhat		Journal of Research and Development, 14: 47-56	2014	[ISSN: 0972-5407].
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Alteration in hematology of <i>triplophysa marmorata</i> under the stress of pollution from water bodies of Kashmir Valley.	Maryum Meraj, A. R. Yousuf, F. A. Bhat, Md. Niamat Ali , Bashir A. Ganai, M. Rahman, N. Shahi, M. I. Rather and Hilal Ahmad Ganaie		Journal of Research and Development, 14: 57 -65	2014	[ISSN: 0972-5407]
Mutagenic, antimutagenic and anticarcinogenic properties of medicinal plants with special reference to melissa.	Hilal Ahmad Ganaie, Md. Niamat Ali , Maryum Meraj and Bashir A. Ganai		Journal of Research and Development, 14: 80-86	2014	[ISSN: 0972-5407].

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Plant coumarins - occurrence, biosynthesis and perspectives.	Mudasir A Tantry, Bashir A Ganai, Azra N Kamili, Md Niamat Ali and Abdul S Shawl		Journal of Research and Development 13: 33-49.	2013	[ISSN: 0972-5407]
Purification and characterization of <i>Pomphorhynchus kashmirensis</i> somatic antigens collected from naturally infected local fish <i>Schizothorax</i> .	Sumaya Nazir, Md Niamat Ali and M. Z. Chishti (2013):		New York Science Journal, 6(7), 24-28	2013	[ISSN: 1554-0200]
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Composition of Essential oils from the leaf margin of Lemon Balm. vol 13; 80-85	Tantry MA, Bhat GA, Wani BA, Ganai BA, Kamili AN, Nazir R , Shawl AS.		<i>Journal of Research and Development</i>	2013	0972- 5407
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Biotechnological production of α -amylases for industrial purposes: Do fungi have potential to produce α -amylases? Vol.5(4), pp. 35-40	Gowhar Hamid Dar, Azra N. Kamili, Ruqeya Nazir , Suhaib A. Bandh and Tauseef Ahmad Malik		<i>International journal of Biotechnology and Molecular Biology Research</i>	(2014).	2141-2154
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Morphological characteristics and taxonomic position of α -amylase producing <i>Penicillium species isolated from soil</i> . (2014). vol 14; 24-30.	Gowhar Hamid Dar, Azra N. Kamili, Ruqeya Nazir , Suhaib A. Bandh		<i>Journal of Research and Development</i>	2014	0972- 5407
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Common Bacterial Species Associated with Fish. (2015) 15: 96-101	Sabeehah Rehman and Ruqeya Nazir		<i>Journal of Research and Development</i>	2015	0972- 5407
Extreme Adaptation of Extremophiles: Extremozymes. (2015) 15: 86-91.	"Saleem Farooq, Ruqeya Nazir and Bashir A. Ganai		<i>Journal of Research and Development</i>	2015	0972- 5407
Factors affecting bioremediation. (2015) 15: 102-109.	Uqab Ali, Syeed Mudasir, SaleemFarooq, Nazir R.		<i>Journal of Research and Development</i>	2015	0972- 5407
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Psychrophiles: their habitat and applications.	Saleem Farooq, Ruqeya Nazir andBaba Uqab		<i>Journal of Himalayan Ecology and Sustainable Development.</i>	2016	
Bioremediation: A	Uqab B, Mudasir S,		J Bioremed	2016	2155-6199.

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Review on Bioremediation of Pesticides. J Bioremed Biodeg	Uqab B, Mudasir S, Nazir R		J Bioremed Biodeg	2016	2155-6199.
Precarious status of Dholes (<i>Cuon alpinus</i>) in the high elevation eastern Himalayan habitats of Khangchendzonga, Sikkim, India.	Bashir et al.,	CORD	<i>Oryx</i>	2014	1365-3008
Integrating aspects of ecology and predictive modelling: implications for the conservation of the leopard cat (<i>Prionailurus bengalensis</i>) in the Eastern Himalaya.	Bashir et al.,	CORD	<i>Mammal Research</i>	2014	2199-2401
Developing a monitoring program for mammals in Himalayan protected areas: A case study from Khangchendzonga National park and Biosphere Reserve, Sikkim, India.	Sathyakumar, S., Bhattacharya, T., Bashir, T& Poudyal, K	CORD	<i>Parks</i>	2014	2411-2119
Estimating leopard cat <i>Prionailurus bengalensis</i> densities using photographic captures and recaptures.	Bashir et al.,	CORD	<i>Wildlife Biology</i>	2013	0909-6396
Time dependent activity pattern of Ganges River Dolphin (<i>Platanista gangetica gangetica</i>) and its response to human disturbance in Upper Ganges River, India.	Bashir et al.,	CORD	<i>Mammal Study</i>	2013	1348-6160
Factors determining occupancy of Ganges River Dolphin (<i>Platanista gangetica gangetica</i>) during differing river discharges in the upper Ganges, India	Bashir et al.,	CORD	<i>Mammalia</i>	2012	1864-1547
An inventory of mammals, birds and reptiles along a section of the river and banks of	Bashir et al.,	CORD	<i>Journal of Threatened Taxa</i>	2012	0974-7907

upper Ganges India.					
Distribution, Occupancy and Activity patterns of goral (<i>Nemorhaedus goral</i>) and serow (<i>Capricornis thar</i>) in Khangchendzonga Biosphere Reserve, Sikkim, India.	Bhattacharya, T., Bashir, T., Poudyal, K., Sathyakumar, S & Saha, G. K	CORD	<i>Mammal Study</i>	2012	1348-6160

(3.4.6) Number of books and chapters in edited volumes/books published, and papers in national/international conference-proceedings per teacher during the last five years**Data Requirement for last five years (Academic years 2012 - 2016)**

Name of the teacher: Title of the paper	Department	Title of the book published: Name of the author/s: Title of the proceedings of the conference	Name of the publisher: National /International	National / international : ISBN/ISSN number of the proceeding	Year of publication:
Prof. Azra N Kamili Mass Multiplication and Phytochemical Studies of <i>Cichorium intybus</i> L.	CORD/ Environmental Science	<i>Biotechnological Techniques of Stress Tolerance in Plants</i> Rehana Hamid, Azra Nahaid Kamili, Mahmooduzzafar, Javid Ahmad Parray, Sumira Jan, Abdul Mujib and Parvaiz Ahmad.	Stadium Press LLC USA.	ISBN 1-62699-031-X.	2013
Prof. Azra N Kamili Rapid micropropagation and conservation method, in the face of changing climate for <i>Vinca rosea</i> L., - A potential plant of high medicinal value	CORD/ Environmental Science	Proceedings of the International Conference on Green India: Strategic knowledge for combating climate change, prospects & Challenges	Excel India Publishers, New Delhi	ISBN: 978-93-83842-62-9	2014
Zutshi, D. P. and Yousuf, A. R. (2014) <i>Lakes and Wetlands of Kashmir Himalaya,</i>		<i>Lakes and Wetlands of Kashmir Himalaya,</i>	Heritage Publishers, New Delhi.		2014
Bilal Wani · Bashir A Ganai Ramamoorthy September, Bioprospection of <i>Gentiana kurroo</i> Royle (<i>Gentianacea</i>)-An endemic medicinal plant of Kashmir Himalaya		Bilal Wani · Bashir A Ganai Ramamoorthy	Edition: 1st, Publisher: Lambert academic publishing, Germany	ISBN: 978-3-659-78147-6	2*015
Sabha Rasool and Dr Bashir Ahmad Ganai . ECRG1 Polymorphism & Esophageal Squamous		Sabha Rasool and Dr Bashir Ahmad Ganai.	LAP Lambert Academic Publishing (8	ISBN-10: 3659220566 ISBN-13: 978-3659220562.	2012

(3.5.2) Revenue generated from consultancy during the last five years**Data Requirement for last five years (Academic years 2012 - 2016)**

Name of the consultants	Department	Name of consultancy project	Consulting/sponsoring agency with contact details	Revenue generated (amount in rupees)	Total revenue generated in rupees
CORD consultant organization	CORD	Rapid EIA of Mukhdoom sahib Rope way project	Cable car corporation, Govt of J&K	1,59,981/=	15,998/=
		Fisheries and wildlife studies of Kishen Ganga	WAPCOS Ltd.	5,52,000/=	55,200/=
		Rapid Environmental assessment of Gulmarg Tourist Resort	Gulmarg Development Authority	4,27,454/=	42,746/=
		EIA and EMP of Yousmarg	Yousmarg Development Authority	17,50,000/=	1,75,000/=
		EIA and EMP of Pahalgam	Pahalgam Development Authority	10,20,000/=	1,02,000/=
		Environmental Assessment Study of Master Plan for Sonamarg Tourist Resort	Sonamarg Development Authority	13,75,000/=	1,78,750/=
		EIA and EMP of Wular Lake	Wular Development of Authority	10,00,000/=	1,00,000/=
		EIA survey and studies of Bursar HEP, (with dam at Pakal and Power house at Lopara and Pakal) in District Kishtiwari	NHPC, Govt of India	9,01,123/=	1,17,145/=
		Environmental Study for	Vikramadatiya Singh	2,00,000/=	26,000/=

3.7.1 Number of collaborative activities for research, faculty exchange, student exchange per year**Data Requirement for last five years (Academic years 2012 - 2016)**

Title of the collaborative activity	Department	Name of the collaborating agency with contact details	Source of financial support	Year of collaboration	Duration	Nature of the activity
Ph.D Programme	CORD	Dr. R.K. Johri CSIR-IIIM Jammu	2012	20-10-2012	31-03-2017	Laboratory work for Ph.D programme
<i>In vitro</i> Analysis in Medicinal values of <i>Prunella vulgaris</i> and its phytochemical screening	Biochemistry	GMC SRINAGAR	2010	2010	2014	Laboratory work for Ph.D programme
Study of Irf-1 Gene in Kashmiri Population and its Relation with Acute Myelocytic Leukemia	Biochemistry	SKIMS SRINAGAR	2010	2010	2014	Laboratory work for Ph.D programme
Scientific validation of antidiabetic potentials of <i>Artemisia amygdalina</i> and <i>Gentianakurroo</i> in Diabetic rats"	Biochemistry	Regional Research Institute of Unani Medicines	2012	2012	2015	Laboratory work for Ph.D programme
Assesment of anti-inflammatory potential and characterization of bioactive fractions from	Biochemistry	Regional Research Institute of Unani Medicines	2011	2011	2015	Laboratory work for Ph.D programme

<i>Gentiana kurroo</i> Royle and <i>Artemisia amygdalina</i> Decne						
Ph.D Programme	Environmental science	Pondicherry University	2011	2011	2014	Laboratory work for Ph.D programme
Polymorphisms of Folate Metabolizing Genes in Colorectal Cancer in kashmiri population	Biochemistry	SKIMS Srinagar	2010	2010	2016	Laboratory work for Ph.D programme
Molecular mechanism of the novel molecules that enhance the anti-tumor activity of ultraviolet (UV)-B radiations in melanoma models	Biochemistry	IIIM Srinagar	2012	2012	2016	Laboratory work for Ph.D programme
Bioprospecting of selected high altitude MAPS for bioactive molecules: Targeting cancer related signaling Pathways.	Biochemistry	IIIM Jammu	2011	2011	2015	Laboratory work for Ph.D programme
Genetic polymorphism of cyp 3A4 and its relevance with the risk of acute	Clinical Biochemistry	Punjab University, Patiyala	2011	2011	2015	Laboratory work for Ph.D programme

lymphoblastic leukaemia in Kashmiri population						
Bioprospection of selected medicinal plants and their role in the control of bovine mastitis	CORD	Dr. Qazi Parvaiz Hassan, Senior Scientist Biotechnology Division, Indian Institute of Integrative Medicine (IIIM), Srinagar	2012	2012	2017	Laboratory work for Ph.D programme
Elucidation of KRAS and microRNA let-7 expression in Non-Small Cell Lung Cancer in Kashmiri Population	CORD	Dr. Syed Mudasar, Professor and Head, Department of Clinical Biochemistry, Department of Clinical Biochemistry, Sher-I-Kashmir Institute of Medical Sciences, Soura, Srinagar	2015	2015	TILL DATE	Laboratory work for Ph.D programme
Biological identifications through DNA barcodes and economic importance of predominant Syrphid fly of Kashmir Valley	CORD	Dr. Akhtar Ali Khan, Associate Professor, Division of Entomology and Plant Pathology, Division of Entomology and Plant Pathology, Sher-e-Kashmir University of	2016	2016	TILL DATE	Laboratory work for Ph.D programme

		Agricultural Sciences and Techonology of Kashmir, Srinagar				
Molecular identification of predominant Coccinellids of Kashmir Valley and their role in Aphid management	CORD	Dr. Akhtar Ali Khan, Associate Professor, Division of Entomology and Plant Pathology, Sher-e-Kashmir Univeristy of Agricultural Sciences and Techonology of Kashmir, Srinagar	2015	2015	2017	Laboratory work for Ph.D programme
Evaluation of antiparasitic, antimicrobial and insecticidal activity of extracts of some medicinal plants growing in Kashmir Valley.	CORD	Dr. R.K. Johri CSIR-IIIM Jammu	2012	20-10-2012	31-03-2017	Laboratory work for Ph.D programme
Impact of microbial inoculation on growth of Taxus wallichiana Zucc. under nursery conditions.	CORD	Prof. M.Y. Zargar Division of Agricultural Sciences Wadura Sopore	2014	11-04-2014	Till date	Laboratory work for Ph.D programme
Role of elicitors for in vitro induction of secondary metabolites in suspension cultures of Artemisia amygdalina D.	CORD	Dr. Qazi Parveez CSIR-IIIM Srinagar	2014	11-04-2014	Till date	Laboratory work for Ph.D programme
Studies related to the effect of polluted mulberry leaves on the	CORD	Dr. Irfan ahmad CSRTI PAMPORE	2014	2014	Till date	Laboratory work for Ph.D programme

performance and microbial disease susceptibility of silkworm Bombyx mori L.						
Microbial profiling of Onchorhynchus mykiss-An economically important trout fish of Kashmir valley	CORD	Dr.Faroz Ahmad bhat Sher-e-Kashmir Univeristy of Agricultural Sciences and Techonology of Kashmir, Srinagar	2015	2015	TILL DATE	Laboratory work for Ph.D programme
Diversity characterization and Toxigenity of some fungal species isolated from native dry fruits of J&k State		Prof. Shakil Ahmad Wani.Microbiology lab Sher-e-Kashmir Univeristy of Agricultural Sciences and Techonology of Kashmir, Srinagar	2015	2015	Till date	Laboratory work for Ph.D programme
Isolation, Identification and Characterization of Bacteria from Dal Lake, Kashmir with Special Reference to Human Health.	CORD	Dr. D.K. Kakaru, SKIMS, Srinagar	2011	2011	2013	Ph.D Programme
Studies on invitro regeneration, genetic transformation and phytochemic	CORD	Dr. Amjad Hussaini, SKUAST-K	2011	2011	2015	Ph.D Programme

al screening of Physochlaina praealta (G.Don.) Miers						
In vitro morphogenetic response and biochemical analysis of Cichorium intybus L.	CORD	DR. Mahmood u Zafar Deaprtment of Botany Jamia Hamdard, Hamdard Nagar, New Delhi M 09811860787	2009	2009	2012	Ph.D Programme
In vitro Propagation and Phytochemical analysis of some Rheum spp. Growing in Kashmir Himalaya.	CORD	Prof. R.C. Gupta Department of Botany Punjabi University Patiala, Punjab M; 09417491981	2011	2011	2016	Ph.D Programme
Research work of Sumaira Rasool	CORD	Prof. Ashwani Wangeno (Barkatullah University, Bhopal)	2012	2012	2015	Ph.D Programme
Research work of Basharat Mushtaq	CORD	Prof. Ashwani Wangeno (Barkatullah University, Bhopal)	2012	2012	2015	Ph.D Programme

(3.7.2) Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years**Data Requirement for last five years (Academic years 2012 - 2016)**

Title of the linkage	Department	Name of the partnering institution/ industry/ research lab with contact details	Year of commencement	Duration (From-to)	Duration (From-to)	Nature of linkage
Collaboration with Czech Republic on molecular characterization of <i>Adenoscolex kasmirensis</i>	CORD	with Tomas Scholz, Academy of Sciences of the Czech Republic	2012	2012	2013	Research work
SEM and Histopathology characterization of long forgotten <i>Pomphorynchus kashmirensis</i>	CORD	Collaboration with Prof. Omer Amin, Leading Scientist in Acanthocephala, Institute of Parasitic Diseases, 11445 E. Via Linda, # 2-419, Scottsdale, Arizona, 85259, USA.	2012	2012	2013	Research work
entitled, "Tissue culture based network programme on Saffron (<i>Crocus sataivus</i>)"	CORD	Dr. Amita Bhattacharya, IHBT Palampur, H.P., DBT sponsored collaborative project	2012	2012	2015	Research project
UGC sponsored 57 th General Orientation Course	CORD	ASC, University of Kashmir, Srinagar	2012	February 9 (2012)	March 10 (2012)	Traning
"Steps towards quality by design approach to assure the authentication of some medicinal plants growing in Western Himalaya"	CORD	IIIM, CSIR	2013	04. 12. 2013	2016	Research project Grant No. : IA-27401.
Attended Capacity Building Programme on <i>Three Weeks Trainnig course on DNA</i>	CORD	Rajiv Gandhi Centre for Biotechnology, (Centre for Advanced Research and Training in Biotechnology, Department of	2014	03-02-2014	21-02-2014	Traning

<i>Barcoding of Animals Using Cytochrome C Oxidase Subunit I (COI).</i>		Biotechnology, Ministry of Science & Technology, Government of India) Thycaud P.O. Thiruvananthapuram, Kerala, India,				
<i>"Three weeks Training cum Workshop on Molecular Biology"</i>	CORD	SHRM Bio-technologies Pvt Ltd., Humaipur, Abdalpur (Poddar House), Madhyamgram, Kolkata-700155, West Bengal, India.	2015	02-01-2015	31-01-2015	Traning
<i>"Training in gene cloning, protein purifications, crystallization and structure determination/ bioinformatics"</i>	CORD	Tata Memorial Centre, Advanced Centre for Treatment, Research and Education in Cancer , Kharghar, Navi Mumbai - 410 210, INDIA	2016	04-07-2016	15-07- 2016	Faculty traning programme sponsored by NER- DBT
<i>"Training in gene cloning, protein purifications, crystallization and structure determination/ bioinformatics"</i>	CORD	Tata Memorial Centre, Advanced Centre for Treatment, Research and Education in Cancer , Kharghar, Navi Mumbai - 410 210, INDIA	2016	16-07-2016	26-07- 2016	Scholars traning programme sponsored by NER- DBT

Documents: Upload the linkages with institutions/ industries

(4.1.2) The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.) and cultural activities

Upload a description of adequate facilities for sports, games and cultural activities which include specification about area/size, year of establishment and user rate.

Document: Upload document from Student/alumni database

