

Major Achievements of the Department from 2012 to 2017

Awards /recognitions received at the national and international level

- Dr. Peer Abdul Haseeb Shah received Early Career Research Award (ECR/2016/000463) funded by SERB.
- Post-doctoral fellows : Dr Manzoor Ahmad Mir, two years Postdoctoral Research fellow at Majmaah University KSA.
- Women Scientist (WOS-A): Miss Bisma Malik joined as WOS-A in the year 2017.
- National Post Doc Fellow: Miss Arifa Jan Joined as NPDF in the year 2017

Books/book chapters/research papers/e-contents published from 2012 to 2017

20 International papers Published during the assessment period.

Number of research papers per teacher in the Journals notified on UGC website during the last five years (Academic years 2012 - 2017)

Title of paper	Department	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Dr Manzoor Ahmad Mir (Assistant Professor)						
Innate-effector immune response elicitation against tuberculosis through Anti-B7-1 (CD80) and Anti-B7-2 (CD86) signaling in macrophages.	Bioresources	Manzoor A Mir , Raid S Albaradie and Agrewala JN.	Bioresources	International Journal of Biology Pharmacy and allied Sciences	2013	ISSN No. 2277-4998
Tuberculosis time bomb a global emergency: urgent need for alternative vaccines	Bioresources	Manzoor A Mir and Raid S Albaradie	Bioresources	Majmaah J. Health Sciences	2013	ISSN: 1658-645X
Hypersensitive allergic reactions are caused by Pollen abundantly found in air during the spring and autumn seasons	Bioresources	Manzoor A Mir , Raid S Albaradie	Bioresources	Int. J. Pure App. Biosciences	2013	ISSN: 23207051.
Inflammation and anti-inflammatory strategies in stroke	Bioresources	Manzoor A Mir and Raid S Albaradie	Bioresources	World Journal of Pharmaceutical Research	2014	ISSN 2277-7105
Modulation of inflammatory and	Bioresources	Manzoor A Mir Abdul R Alharbi and Raid S Albaradie	Bioresources	International Journal of	2014	ISSN No. 0975-833X

oxidative mechanisms by Gingko biloba extract in an in vitro murine model of ischemia to augment neuroprotection and cellular survival				Current Research		
TNF Receptor Modulation by Gentiana Extracts Acts as Neuroprotective Mechanism in Stroke by Enhancing Cellular Survival	Bioresources	Manzoor A Mir	Bioresources	Stroke	2014	ISSN No. 0039-2499 (p) 1524-4628 (w) e26 (e259-e298)
Inflammatory Mechanisms as Potential Therapeutic Targets in Stroke	Bioresources	Manzoor A Mir and Raid S Albaradie	Bioresources	Advances in Neuroimmune Biology	2015	ISSN No. 1878-948X (P) 1878-9498 (O)
Effect of Supine Versus Semi-Fowler's Position on Hemodynamic stability of patients with Head injury	Bioresources	Manzoor A Mir Raid S Albaradie Amal A Otaibi, and Jehan Y Elrazkey	Bioresources	<i>World Journal of Pharmaceutical Research</i>	2015	ISSN No. 2277-7105
¹²³ I-FP-CIT SPECT imaging, clinical diagnosis of common types of dementia and contribution of ischemia to brain damage	Bioresources	Marta Mila, Marina Garriga, Manzoor A Mir , Raid Al-Baradie, Sonia et al.	Bioresources	<i>Frontiers in Systems Neuroscience</i>	2015	ISSN No. eISSN-1662-5137
BAD, a Proapoptotic Protein, Escapes ERK/RSK Phosphorylation in Deguelin and siRNA-Treated HeLa Cells	Bioresources	Hafeez S, Urooj M, Saleem S, Gillani Z, Shaheen S, Qazi MH, Manzoor A Mir et al.	Bioresources	PLoS ONE	2016	ISSN No.s : e0145780. ISSN No. eISSN-1932-6203
Dr Reiaz Ul Rehman (Assistant Professor)						
Characterization of Actinomycetes and Trichoderma spp. for cellulase production utilizing crude substrates by response surface methodology	Bioresources	Tanveer Pirzadah, Shashank Garg, Joginder Singh, Ashish Vyas, Manish Kumar, Naseem Gaur, Madhu Bala, Reiaz Ul Rehman , Ajit Varma, Vivek Kumar and Manoj Kumar.	Bioresources	Springer Plus	2014	2193-1801
Ion and Lipid signaling in apical growth-a dynamic machinery responding to environmental cues.	Bioresources	Rui Malho, Susana Serrazina, Laura Saavedra, Fernando Vaz Dias, Reiaz Ul Rehman	Bioresources	Frontiers in Plant Science	2015	1664-462X
Influence of various parameters on cellulase and xylanase production by different strains of <i>Trichoderma species</i> .	Bioresources	Tanveer Bilal, Bisma Malik, Reiaz ul Rehman , Manoj Kumar	Bioresources	Austin Journal of Analytical Chemistry and Pharmaceutical Science	2015	2381-8913
Metabolite profiling of tartary buckwheat - An underutilized	Bioresources	Tanveer Bilal Pirzadah, Bisma Malik, Inayatullah Tahir, Reiaz Ul Rehman	Bioresources	Journal of phytology	2016	2075-6240

neutraceutical crop of Kashmir Himalaya						
Metabolite Fingerprinting and Antioxidant Potential of Tartary Buckwheat- an Underutilized Pseudocereal crop from Kashmir Region	Bioresources	Tanveer Bilal Pirzadah, Bisma Malik, Inayatullah Tahir, Mohammad Irfan Qureshi, Reiaz Ul Rehman	Bioresources	Free Radicals and Antioxidants	2016	2231-2536
Vivipary in <i>Fagopyrum esculentum</i> . Folia	Bioresources	Tanveer Bilal Pirzadah, Bisma Malik, Inayatullah Tahir, Reiaz ul Rehman	Bioresources	Biologica ET Geologica.	2016	2335-2914
Phytochemical studies on <i>Cichorium intybus</i> L. (chicory) from Kashmir Himalaya using GC-MS.	Bioresources	Bisma Malik, Tanveer Bilal Pirzadah, Inayatullah Tahir, Malik Zainul Abdin, Reiaz Ul Rehman	Bioresources	Journal of Pharmacy Research.	2016	00974694, 09746943
Dr Peer Abdul Haseeb Shah (DST-INSPIRE Faculty)						
Novel Role of a Family of Major Facilitator Transporters in Biofilm Development and Virulence of <i>Candida albicans</i> .		Abdul Haseeb Shah , Ashutosh Singh, Sanjiveeni Dhamgaye, Neeraj Chauhan, Korivi Jyothiraj Suneetha, Rupinder Kaur, Pranab Mukherjee, Jyotsna Chandra, Mahmoud A. Ghannoum, Dominique Sanglard, Shyamal K. Goswami and Rajendra Prasad.	Bioresources	Biochemical Journal	2014	Print ISSN: 0264-6021 Online ISSN: 1470-8728
Mutational Analysis of Intracellular Loops Identify Cross Talk with Nucleotide Binding Domains of the Yeast ABC Transporter Cdr1p.		Abdul Haseeb Shah , Manpreet Kaur Rawal, Sanjiveeni Dhamgaye, Sneha Sudha Komath, Ajay Kumar Saxena, and Rajendra Prasad	Bioresources	<i>Scientific Reports</i>	2015	ISSN 2045-2322 (online)
ABC transporter Cdr1p harbors charged residues in the intracellular loop and nucleotide-binding domain critical for protein trafficking and drug resistance.		Abdul Haseeb Shah , Atanu Banerjee, Manpreet Kaur Rawal, Ajay Kumar Saxena, Alok Kumar Mondal and Rajendra Prasad.	Bioresources	FEMS Yeast Research	2015	Online ISSN 1567-1364 Print ISSN 1567-1356
MFS transporters of <i>Candida</i> species and their role in clinical drug resistance.		Archana Kumari, Abdul Haseeb Shah , Rajendra Prasad	Bioresources	FEMS Yeast Research	2016	Online ISSN 1567-1364 Print ISSN 1567-1356
In Vitro Effect of Malachite Green on <i>Candida albicans</i> Involves Multiple Pathways and Transcriptional Regulators UPC2 and STP2.		Sanjiveeni Dhamgaye, Frederic Devaux, Raman Manoharlal, Patrick Vandeputte, Abdul Haseeb Shah , Ashutosh Singh, Corinne Blugeon, Dominique Sanglard, and Rajendra Prasad	Bioresources	<i>Antimicrob Agents Chemother</i>	2012	ISSN: 0006-291X
Alanine scanning of all cysteines and		Rajendra Prasad, Abdul Haseeb Shah , Hina Sanwal, Khyati	Bioresources	<i>Biochem Biophys Res</i>	2012	ISSN: 0006-291X

construction of a functional cysteine-less Cdr1p, a multidrug ABC transporter of <i>Candida albicans</i> .		Kapoor.		<i>Commun</i>		
Newly identified motifs in <i>Candida albicans</i> Cdr1 protein NBDs are PDR subfamily-specific and functionally asymmetric		Manpreet Kaur Rawal, Atanu Banerjee, Abdul Haseeb Shah, Mohammad Firoz Khan, Sobhan Sen, Ajay Kumar Saxena, Brian C. Monk, Richard D. Cannon, Rakesh Bhatnagar, Alok Kumar Mondal & Rajendra Prasad	Bioresources	<i>Scientific Reports</i>	2016	ISSN 2045-2322 (online)

06 International Books Published during the assessment period

Number of books and chapters in edited volumes / books published in national/international conference-proceedings per teacher during the last five years

(Academic years 2012 - 2017)

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:
Dr Manzoor Ahmad Mir (Assistant Professor)					
<i>Dr Manzoor Ahmad Mir: (Book) Natural Herbs in the Prevention and treatment of Stroke</i>	Bioresources	<i>Natural Herbs in the Prevention and treatment of Stroke: Manzoor A Mir and Raid S Albaradie</i>	Nova Science Publishers New York USA	International ISBN: 978-1-63483-555-8	2015
<i>Dr Manzoor Ahmad Mir: (Book) Developing Costimulatory Molecules for Immunotherapy of Diseases</i>	Bioresources	<i>Developing Costimulatory Molecules for Immunotherapy of Diseases: Manzoor A Mir</i>	<i>Elsevier Publishers USA</i>	International ISBN (Print) 9780128026755: ISBN (ebook) 978-0-12-80-2585-7	2015
<i>Dr Manzoor Ahmad Mir: (Book) Recent Advances in Stroke</i>	Bioresources	Recent Advances in Stroke Therapeutics: Manzoor A. Mir,	Nova Science Biomedical Inc Publishers USA	International ISBN: 978-1-62808-521-4	2014

Therapeutics		Raid S Albaradie and Malik D Alhusainwi		(P), e-book ISBN: 978-1-63117-754-5	
<i>Dr Manzoor Ahmad Mir: (Book) Costimulation Immunotherapy for Autoimmunity, Transplantation and Lymphomas</i>	Bioresources	<i>Costimulation Immunotherapy for Autoimmunity, Transplantation and Lymphomas: Manzoor A Mir, Raid S Albaradie and Abdul R Alharbi</i>	<i>Nova Science Publishers USA</i>	International ISBN:978-1-62808-519-8	2013
Dr Reiaz Ul Rehman (Assistant Professor)					
Dr Reiaz Ul Rehman (Book)	Bioresources	<i>“Plant Signalling: Understanding the molecular cross talk”.</i>	Springer Science+Business Media, LLC; 233 Spring Street, New York, NY 10013,USA	ISBN 978-81-322-1542-4 online, ISBN 978-81-322-1541-7	2013
<i>Unravelling Salt Stress in Plants through Proteomics In Salt stress in plants: Signalling, Omics and Adaptations.</i>	Bioresources	Hakeem, K.R., Chandna, R., Rehman, R.U., Tahir, I and Iqbal M <i>In: Salt stress in plants: Signalling, Omics and Adaptations. (2012), Ed. Parvaiz Ahmad, Azooz MM, Prasad M.N.V</i>	Springer science + Business Media LLC, NY,USA.	ISBN 978-1-4614-6107-4.	2012
Variability in <i>Fusarium</i> Species causing wilt disease in crops: A transcriptomic approach to characterize dialogue between host and pathogen.	Bioresources	Rehman, R.U., Hakeem, K.R., Tahir I, Teli, M.A <i>In: Crop Improvement New Approaches And Modern Techniques. Ozturk M et al., (eds)</i>	Springer science + Business Media LLC, NY, USA	ISBN 978-1-4614-7028-1(e-book); ISBN 978-1-4614-7027-4(Hard cover).	2013
Lignocellulosic biomass: As future alternative for bioethanol production.	Bioresources	Tanveer Bilal Pirzadah, Bisma Malik, Manoj Kumar, Reiaz Ul Rehman. Edited volume on “Biomass and Bioenergy: Processing, Properties and Applications”.	Publisher: Springer Science+Business Media, LLC; 233 Spring Street, New York, NY 10013, USA.	ISBN 978-3-319-07578-5 (ebook) ISBN 978-3-319-07577-6	2013
Phytoremediation: An	Bioresources	Tanveer Bilal Pirzadah,	Elsevier	ISBN	

eco-friendly green technology for pollution prevention, control and remediation.		Bisma Malik, Inayatullah Tahir, Manoj Kumar, Reiaz Ul Rehman In: Soil remediation and plants		9780127999371	2014
SNARE proteins as signalling elements.	Bioresources	Reiaz ul Rehman , Gian-Pietro Di Sanse bastiano <i>In: Plant Signalling: Understand molecular cross talk.</i>	Springer Science+Business Media, LLC; 233 Spring Street, New York, NY 10013, USA.	ISBN 978-81-322-1542-4 online, ISBN 978-81-322-1541-7	2013
Plant Rab GTPases in membrane trafficking and signaling	Bioresources	Reiaz ul Rehman , Gian-Pietro Di Sansebastiano <i>In: Plant Signalling: Understand molecular cross talk”.</i>	Springer Science+Business Media, LLC; 233 Spring Street, New York, NY 10013, USA	ISBN 978-81-322-1542-4 online, ISBN 978-81-322-1541-7.	2013
Cyclic nucleotide gated channels- Essential signalling components in plants for fertilization and immunity responses	Bioresources	Reiaz ul Rehman <i>“Plant Signalling: Understand molecular cross talk”.</i>	Springer Science+Business Media, LLC; 233 Spring Street, New York, NY 10013, USA	ISBN 978-81-322-1542-4 online, ISBN 978-81-322-1541-7	2013
Recent trends and approaches in phytoremediation	Bioresources	Bisma Malik, Tanveer Bilal Pirzadah, Inayatullah Tahir, Reiaz Ul Rehman	Springer	9780127999371	2014
Biomass pellet technology: A green approach for sustainable development.	Bioresources	Bisma Malik, Tanveer Bilal Pirzadah, Sheikh Tajamul Islam, Inayatullah Tahir, Manoj Kumar, Reiaz Ul Rehman	Springer International.	978-3-319-13846-6.	2015
Power Reservoirs of Jumble based Biomass in Asia.	Bioresources	Manoj Kumar, Pooja Bhadrecha, Tanveer Bilal Pirzadah, Bisma Malik, Reiaz Ul Rehman , Ram Prasad ,Umesh Chandra Pachouri Edited volume on “Agricultural biomass based potential material	Springer International.	ISBN: 978-3-319-13846-6.	2015
Phenomics Science: An integrated interdisciplinary approach for crop improvement.	Bioresources	Bisma Malik, Tanveer Bilal Pirzadah, Inayatullah Tahir, Imtiyaz Murtaza, Reiaz Ul Rehman	Apple Academic Press Inc. 9 Spinnaker Way Waretown, NJ 08758 USA.	13:978-1-77188-455-6	2015
Biomass pellet technology: A green approach for sustainable development.	Bioresources	Bisma Malik, Tanveer Bilal Pirzadah, Sheikh Tajamul Islam, Inayatullah Tahir , Manoj Kumar, Reiaz Ul Rehman Edited volume on “Agricultural biomass based	Springer International.	ISBN: 978-3-319-13846-6.	

		potential material”			2015
Cultivation, Agronomic practices and growth performance of Buckwheat.	Bioresources	Tanveer Bilal Pirzadah, Bisma Malik, Sikandar Farooq, Inayatullah Tahir, Reiaz Ul Rehman Edited vol. on “Molecular Breeding and Nutritional Aspects of Buckwheat	Elsevier	ISBN NO.:0128037148, 9780128037140	2016
Tanveer Bilal Pirzadah, Bisma Malik, Inayatullah Tahir, Reiaz ul Rehman.	Bioresources	Buckwheat: An introspective and future perspective with reference to Kashmir Himalayas.	(Proceedings of International Symposium 21-25 Aug. 2013) . Slovenia		2013

Mr. Tajamul Islam (Assistant Professor)

Sheikh Tajamul Islam: Ethylene Signaling in Plants: Introspection" pp. 303-313.	Bioresources	<i>Plant signaling: Understanding the molecular crosstalk:</i> Ed. Hakeem, K. R., Rehman, R., Tahir,	Springer Science+Business Media, LLC; 233. Spring Street, New York, NY 10013,	International: USA. ISBN 978-81-322-1541, ISBN 978-81-322-1542-4.	2013
Sheikh Tajamul Islam: Biomass pellet technology: A green approach for sustainable development	Bioresources	Agricultural Biomass Based Potential Materials: Bisma Malik Tanveer Bilal Pirzadah Sheikh Tajamul Islam Inayatullah Tahir Manoj Kumar Reiaz ul Rehman	Springer	International ISBN: 9778-3-319-13846-6	2014

Dr Peer Abdul Haseeb Shah (DST-INSPIRE Faculty)

Abdul Haseeb Shah: Antifungals: Mechanism of Action and Drug Resistance.	Bioresources	Membrane Transport in Yeast. Advances in Experimental Medicine and Biology: Rajendra Prasad, Abdul Haseeb Shah , Manpreet Kaur Rawal	<i>Springer International Publishing Switzerland</i> ^[1]	ISSN 0065-2598. Print/online ISBN 978-3-319-25302-2/978-3-319-25304-6.	2016
Abdul Haseeb Shah: Efflux Pump Proteins of Candida in Clinical Drug Resistance.	Bioresources	Membrane Transport in Yeast. Advances in Experimental Medicine and Biology: Rajendra Prasad, Manpreet Kaur Rawal, Abdul	<i>Springer International Publishing Switzerland</i> ^[1]	ISSN 0065-2598. Print/online ISBN 978-3-319-25302-2/978-3-319-	2016

		Haseeb Shah		25304-6.	
Abdul Haseeb Shah: Mechanism of drug resistance in fungi and their significance in biofilms.	Bioresources	Antibiofilm Agents: From Diagnosis to Treatment and Prevention, Part I :Rajendra Prasad, Abdul Haseeb Shah , Sanjiveeni Dhamgaye.	<i>Springer Berlin Heidelberg</i>	Series ISSN 2014 1863-9607. Print/online ISBN 978-3-642-53832-2/ 978-3-642-53833-9.	

25 e-contents developed by faculty members for undergraduate level

New Projects sanctioned to the faculties of the department

Projects details

1. Drug resistance in Fungi and the role of PTM : 35 Lacs
2. Clinical Drug Resistance strains of pathogenic candida: drug tolerance: 45 Lacs.
3. Cultivation, genetic diversity and active principal segregation of different accessions of *C.intybus L* (Chicory) growing in Kashmir Himalyas and Ladakh 20 Lacs
4. Self incompatibility studies in almond 30 Lacs

Inter-institutional collaborative projects and associated grants received

Collaboration with Sheri Kashmir Institute of Medical Sciences Soura Srinagar J&K. Project entitled "Clinical Drug Resistance strains of pathogenic candida:.....drug tolerance (45 Lacs aprox.)

Scholars Details

1. **Ms Bisma Malik** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir)
2. **Mr Tanveer Bilal Peerzada** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir)
3. **Mr Fayaz Ahmad Dar** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir).
4. **Mr. Sajad Ahmad Padder** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir).
5. **Ms. Asiya Ramzan** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir).
6. **Adil Rasool** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir)
7. **Wasifa** (Supervisor: Dr Reiaz Ul Rehman; Co-Supervisor: Prof. Inayatullah Tahir)
8. **Miss Mehak Majeed** (Supervisor: Dr Manzoor Ahmad Mir)
9. **Mr. Umar Mehraj** (Supervisor: Dr Manzoor Ahmad Mir)

Student details (from Tehmeena Madam 2012-2017)

Number of value-added courses imparting transferable and life skills offered during the last five years Academic years 2012 -2017

Names of the value added courses with 30 or more contact hours	Department	No. of times offered during the same year	Total no. of students completing the course in the year
2012			
Biodiversity and Bioresources	Bioresources	01	19
Plant Resources	Bioresources	01	19
Animal Resources	Bioresources	01	20
Microbial Resources	Bioresources	01	20
Bioenergy and Biofuels	Bioresources	01	20
Biofertilizers, Biopesticides & Organic Farming	Bioresources	01	20
Biomedicine, Biocosmetics and Bioprospecting	Bioresources	01	20
Plant Resources and Biotechnology	Bioresources	01	16
Animal Cell and Tissue Technology	Bioresources	01	16
Microbial Technology	Bioresources	01	16
Bioindustries Trade and Policy Regulation	Bioresources	01	16
2013			
Resource Regeneration	Bioresources	01	15
Secondary Metabolites	Bioresources	01	19
Bioinformatics	Bioresources	01	19
Biostatistics and Biotechniques	Bioresources	01	19
2014			
Microbial Resources	Bioresources	01	20
Biodiversity and Bioresources	Bioresources	01	19
Biostatistics	Bioresources	01	10
Industrial Entomology	Bioresources	01	14
Biomedicine and Bioprospecting	Bioresources	01	21
Biofertilizers and Organic farming	Bioresources	01	15
Biocontrol and Biopesticides	Bioresources	01	7
Biomolecules	Bioresources	01	18

Secondary Metabolite	Bioresources	01	17
Bioinformatics	Bioresources	01	17
Biostatistics and Biotechniques	Bioresources	01	17
Plant Resources and Biotechnology	Bioresources	01	18
Animal Cell and Tissue Technology	Bioresources	01	18
Microbial Technology	Bioresources	01	18
Bioindustries Trade and Policy Regulation	Bioresources	01	18
2015			
Cellular & Molecular Biology	Bioresources	01	19
Microbial Resources	Bioresources	01	19
Algal Resources	Bioresources	01	19
Human Health and Plant Diet	Bioresources	01	19
Inheritance Biology	Bioresources	01	19
Industrial Entomology	Bioresources	01	22
Bioresource Management	Bioresources	01	18
Organic Farming	Bioresources	01	19
Bioinformatics	Bioresources	01	21
Project Work	Bioresources	01	21
Microbial Technology	Bioresources	01	21
Bioresource Policy and Management	Bioresources	01	21
Human Health and Plant Diet	Bioresources	01	21
2016			
Cellular & Molecular Biology	Bioresources	01	18
Microbial Resources	Bioresources	01	20
Algal Resources	Bioresources	01	19
Human Health and Plant Diet	Bioresources	01	17
Inheritance Biology	Bioresources	01	19
Industrial Entomology	Bioresources	01	20
Bioresource Management	Bioresources	01	21
Organic Farming	Bioresources	01	19
Infectious Diseases and Human Health	Bioresources	01	20
Biological Interactions	Bioresources	01	19
Biomedicine & Bioprospecting	Bioresources	01	19
Biocontrol and Crop Management	Bioresources	01	20

Biocosmetics	Bioresources	01	19
Bioinformatics	Bioresources	01	19
Term Work	Bioresources	01	19
Wood Resource Utilization	Bioresources	01	23
Bioindustries	Bioresources	01	29
Green Technology	Bioresources	01	27

Department/ Centre/ Directorate _____ Bioresources _____

Number of value-added courses imparting transferable and life skills offered during the last five years (Academic years 2012 -2017)

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2012			
Biodiversity and Bioresources	Bioresources	01	19
Plant Resources	Bioresources	01	19
Animal Resources	Bioresources	01	20
Microbial Resources	Bioresources	01	20
Resource Regeneration	Bioresources	01	20
Bioenergy and Biofuels	Bioresources	01	20
Biofertilizers, Biopesticides & Organic Farming	Bioresources	01	20
Biomedicine, Biocosmetics and Bioprospecting	Bioresources	01	20
Biomolecules	Bioresources	01	18
Secondary Metabolite	Bioresources	01	18
Bioinformatics	Bioresources	01	18
Biostatistics and Biotechniques	Bioresources	01	18
Plant Resources and Biotechnology	Bioresources	01	16
Animal Cell and Tissue Technology	Bioresources	01	16
Microbial Technology	Bioresources	01	16
Bioindustries Trade and Policy Regulation	Bioresources	01	16
2013			
Biodiversity and Bioresources	Bioresources	01	18
Plant Resources	Bioresources	01	18
Animal Resources	Bioresources	01	18
Microbial Resources	Bioresources	01	19
Resource Regeneration	Bioresources	01	15
Bioenergy and Biofuels	Bioresources	01	17
Biofertilizers, Biopesticides & Organic Farming	Bioresources	01	17
Biomedicine, Biocosmetics and Bioprospecting	Bioresources	01	17
Biomolecules	Bioresources	01	19
Secondary Metabolites	Bioresources	01	19

Bioinformatics	Bioresources	01	19
Biostatistics and Biotechniques	Bioresources	01	19
Plant Resources and Biotechnology	Bioresources	01	20
Animal Cell and Tissue Technology	Bioresources	01	20
Microbial Technology	Bioresources	01	2
Bioindustries Trade and Policy Regulation	Bioresources	01	20
2014			
Microbial Resources	Bioresources	01	20
Biodiversity and Bioresources	Bioresources	01	19
Biostatistics	Bioresources	01	10
Industrial Entomology	Bioresources	01	14
Biomedicine and Bioprospecting	Bioresources	01	21
Biofertilizers and Organic farming	Bioresources	01	15
Biocontrol and Biopesticides	Bioresources	01	7
Biomolecules	Bioresources	01	18
Secondary Metabolite	Bioresources	01	17
Bioinformatics	Bioresources	01	17
Biostatistics and Biotechniques	Bioresources	01	17
Plant Resources and Biotechnology	Bioresources	01	18
Animal Cell and Tissue Technology	Bioresources	01	18
Microbial Technology	Bioresources	01	18
Bioindustries Trade and Policy Regulation	Bioresources	01	18
2015			
Cellular & Molecular Biology	Bioresources	01	19
Microbial Resources	Bioresources	01	19
Algal Resources	Bioresources	01	19
Human Health and Plant Diet	Bioresources	01	19
Inheritance Biology	Bioresources	01	19
Industrial Entomology	Bioresources	01	22
Bioresource Management	Bioresources	01	18
Organic Farming	Bioresources	01	19
Bioinformatics	Bioresources	01	21
Project Work	Bioresources	01	21
Microbial Technology	Bioresources	01	21
Bioresource Policy and Management	Bioresources	01	21

Human Health and Plant Diet	Bioresources	01	21
2016			
Cellular & Molecular Biology	Bioresources	01	18
Microbial Resources	Bioresources	01	20
Algal Resources	Bioresources	01	19
Human Health and Plant Diet	Bioresources	01	17
Inheritance Biology	Bioresources	01	19
Industrial Entomology	Bioresources	01	20
Bioresource Management	Bioresources	01	21
Organic Farming	Bioresources	01	19
Infectious Diseases and Human Health	Bioresources	01	20
Biological Interactions	Bioresources	01	19
Biomedicine & Bioprospecting	Bioresources	01	19
Biocontrol and Crop Management	Bioresources	01	20
Biocosmetics	Bioresources	01	19
Bioinformatics	Bioresources	01	19
Term Work	Bioresources	01	19
Wood Resource Utilization	Bioresources	01	23
Bioindustries	Bioresources	01	29
Green Technology	Bioresources	01	27

Alumni details

List the distinguished alumni of the department

1. Mr. Mohd Umer Aftab Employed in J&K Bank umeraftab444@gmail.com
2. Mr. Syed Sami Kozger (Enterprenuer) samisayeedk@gmail.com
3. Mr. Tanveer Bilal Peerzada (Contractual Faculty at J&K Govt) pztanveer@gmail.com
4. Miss. Bisma Malik (Women Scientist- WOS-A) bisma767@gmail.com
5. Miss Asiya Ramzan (Researcher at Kashmir University) bhatasiya329@yahoo.in
6. Miss. Sadaqat Farooq (DST-Inspire Fellow at IIIM Jammu) bhatsadaqat5@gmail.com
7. Miss Wasifa Shah (Researcher at Kashmir University) wasifashah9@gmail.com
8. Miss Mehak Majeed- Junior Research Fellow mehakmajeed995@yahoo.com
9. Mr. Suhail Ahmad (Enterprenuer) suhail67@gmail.com
10. Mr. Aadil Rasool (Researcher at Kashmir University) aadilrasool66@gmail.com
11. Mr. Basharat Ahmad (Researcher at BGSB University) basharatm435@gmail.com
12. Mr. Sajad Ahmad Padder (Researcher at Kashmir University) sajad993@gmail.com
13. Miss Misbah (Employee in J&K Bank) misbah673@gmail.com
14. Mr. Irfan Baba (Police Official in J&K Police) irfanb764@gmail.com
15. Mr. Zahoor (Officer in J&K Police) zahoorkp@gmail.com
16. Mr. Fayaz Ahmad (Bank Executive at J&K Bank) dfayaz5u@gmail.com

Scientists/Faculties visited the Department of Bioresources

Dr. Javed N Agrewala Chief Scientist CSIR-IMTECH Chandigarh (2015)

Dr. Zahoor Ahmad Parray Scientist E-1 CSIR-IIIM Sanat Nagar Srinagar

Dr Manoj Prasad Scientist- E NIPGR JNU Campus New Delhi

Dr. Abid Hamid Dar Scientist E-1 CSIR-IIIM Canal Road Jammu

Placement of pass out students

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