

## Evaluative Report of the Department:

Name of the University: University of Kashmir

Name of the Department: Biochemistry

<b>Research Fellow</b>	<b>Name of the Department</b>		Biochemistry				
1.	Year of Establishment		1982				
2.	Is the Department part of a School/Faculty of the University		Yes (School of Biological Sciences)				
3.	Names of programmes offered		<b>Undergraduate</b>	<b>No</b>			
			<b>Postgraduate</b>	<b>Yes</b>			
			<b>Doctoral</b>	<b>Yes</b>			
4.	Number of teaching posts Sanctioned/Filled		Year	Sanctioned	Filled		
			2012	8	7		
			2013	8	7		
			2014	8	6		
			2015	8	6+1 (Ramalingaswami Fellow)		
			2016	8	6+1 (Ramalingaswami Fellow)		
			2017	8	6+1 (Ramalingaswami Fellow)		
5.	Number of Research Projects: Total grants received						
	<b>Project Title</b>	<b>Status</b>	<b>Principal Investigator</b>	<b>Funding Agency</b>	<b>Sanction Date</b>	<b>Amount Sanctioned</b>	<b>Amount Released</b>
	In vivo study of antioxidant and anticancer activities of <i>Elsholtzia densa</i>	Completed-2017	Dr. Rabia Hamid	DBT-India	2014	3098000	22,00,000 (Final Instalment expected soon)
	Protein and gene expressions of IL1 $\kappa\beta$ , NF $\kappa\beta$ 1, NF $\kappa\beta$ 2, PPAR $\gamma$ , NOS2, COX2, TNF $\alpha$ in LPS induced inflammatory response in rats and effect of <i>Cousinia thomosonia</i>	Ongoing	Dr. Rabia Hamid	DST	2017	37,00,000	0
	Insulin Gene VNTR Polymorphism in Kashmiri Women with Polycystic Ovary Syndrome	Ongoing	Dr. Shajrul Amin	ICMR	2015	1854500	1825500
	Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with	ONGOING	Dr. Shajrul Amin	Minstry of Health and Family Welfare	2017	29,66,890	9,23,180

hyperandrogenism and PCOS in Kashmiri women						
RNAI Screening of human genome for identifying proteins responsible for causing mitotic catastrophe, using polyoma small T as screening tool	Completed	Dr. Shaida Andrabi	DST-SERB	15/2/2012	8399400	8399400
Greatwall kinase: studying its role in mitotic arrest and tumorigenesis	Completed	Dr. Shaida Andrabi	DBT-India	14/1/2015	85,244,00	85,244,00
Understanding the mechanism of Small T induced apoptosis relevant to the treatment of cancer.	Completed	Dr. Shaida Andrabi	DBT-India	01/3/2014	5,80,000	5,80,000
Understanding the mechanism of Small T induced apoptosis relevant to the treatment of cancer.	completed	Dr. Shaida Andrabi	DBT-Ramalingaswami Fellowship	25/03/2010 to 25/03/2015	74,77742	74,77742
Identification of protein kinases involved in causing mitotic arrest and apoptosis using library screening.	On-going	Dr. Shaida Andrabi	DBT-India	18/1/2017	99,67,000	74,88,000
Regulation of Autophagy by Ubiquitin-Proteasome system	On-going	Dr. Mohd Ashraf Dar	DBT-Ramalingaswami Fellowship	2015	88,00,000	39,50,000
Evaluating the Role of DUBs in Autophagy	On Going	Dr. Mohd Ashraf Dar	DST-SERB	2017	62,70000	31,90,000
6. Inter –institutional collaborative projects and Associated grants received						
<b>National collaboration</b>						
<b>Name of the collaborating agency</b>	<b>Name of the participant</b>	<b>Source of financial support</b>	<b>Year of collaboration</b>	<b>Duration</b>	<b>Nature of the activity</b>	
1. Clinical Biochemistry University of Kashmir, Srinagar, J&K	<b>Dr. Rabia Hamid</b> and Dr. Showkat Ganie	DBT	2014-17	3 years	Research project	
2. IIIM, Jammu, J&K	Dr. Abid Hamid Dar					
Clinical Biochemistry University of Kashmir, Srinagar, J&K	Dr. Showkat Ganie and <b>Dr. Rabia Hamid</b>	DBT	2017-2020	3 years	Research project	
Department of Endocrinology SKIMS	Prof. Shariq Masoodi and <b>Dr. Shajrul Amin</b>	ICMR	2015	3 years	Blood sample collection	
Govt. Medical College,	Prof. Farhat	DHR	2017	1 year	Blood sample	

Srinagar,	Jabeen and Dr. Shajrul Amin				collection	
Clinical Biochemistry University of Kashmir, Srinagar, J&K	Dr. Fouzia Rashid and Dr. Shajrul Amin	ICMR	2015	3 years	For biochemical analysis	
Department of Social Work University of Kashmir, Srinagar, J&K	Dr. Shazia Manzoor and Dr. Shajrul Amin	DHR	2017	1 year	For studying social impact of PCOS	
<b>International collaboration</b>			Nil			
<b>Name of the collaborating agency</b>	<b>Name of the participant</b>	<b>Source of financial support</b>	<b>Year of collaboration</b>	<b>Duration</b>	<b>Nature of the activity</b>	
7. Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc.: Total grants received			Nil			
Project Title	Status	Funding Agency	Sanction Date	Amount Sanctioned	Amount released	
FIST-Level 1	Complete (2009-2014)	DST	29-10-2009	52,00,000	34,00,000	
FIST- Level 2	Ongoing	DST	12/ 2017	90,00,000	0	
8.	Special research laboratories sponsored by /created by industry or corporate bodies					
9.	:					
Publications	2012	2013	2014	2015	2016	2017
Number of Papers published	38	43	19	18	17	24
Conference proceedings	13	3	1	6	0	5
Number of Books with ISBN	7	-	-	-	-	1
Book Chapters	-	2	-	1	-	1
Edited Books	-	-	-	-	-	-
<b>Number of Citation Index – range / average</b>	331	445	551	729	864	1094
<b>Number of Impact Factor – range / average</b>	0.5-6.0	1.5-6.0	2.06-6.3	2.97-6	0.92-6.3	0.9- 6.0
Number of h-index	4.0	4.0	5.0	5.0-6.0	6.0-7.0	7.0-18
10.	Details of patents and income generated		NIL			
11.	Areas of consultancy and income generated		NIL			
<b>Name of the Patent</b>	<b>Status - filed/ published/ awarded</b>	<b>Patent Number</b>	<b>Year of Filing/</b>	<b>Publish/ Award</b>	<b>Income generated (amount in rupees)</b>	
12.	Awards/Recognitions received at the National and International level by : <b>Faculty</b>					
<b>Year of award</b>	<b>Name of full time teachers receiving awards from state level, national level, international level</b>	<b>Designation</b>	<b>Name of the award, fellowship received from Government / Recognized Bodies</b>		<b>Level</b>	
2012	Prof Akbar Masood	Professor	Plaque of honor by IITR, Lucknow		National	
2014	Prof Akbar Masood	Professor	Fellow, Association of for the advancement of biodiversity science		National	

	2015	Dr. Rabia Hamid	Associate Professor	Awarded inclusion in Marquis 'Who's Who in the World', USA	International
	2014	Dr. Rabia Hamid	Associate Professor	A research paper from the lab, entitled 'Isolation and antiproliferative activity of <i>Lotus corniculatus</i> lectin towards human tumour cell lines was identified as a Key Scientific Article contributing to excellence in biomedical research featured in 2014 edition of Global Medical Discovery Series, Canada	International
	2013	Dr. Rabia Hamid	Associate Professor	'Best presentation awardee' (Top 3) at the National Seminar on 'Climate Change, Environment and Sustainable Development' organized by National Environmental Science Academy and Department of Botany, Jamia Hamdard University, New Delhi	National
	2012	Dr. Rabia Hamid	Associate Professor	'Scientist of the Year Award', conferred by Nat Env Sci Acad, at the Indian National Science Academy (INSA), headquarters New Delhi, India	National
	2012- 2013	Dr. Shaida Andrabi	Assistant Professor	DBT-CREST Award (DBT)	National
	2012	Dr. Nazir A Dar	Assistant Professor	American Cancer Society Fellowship awarded by International Union for Cancer Research.	International
	2009-2010	Dr. Shaida Andrabi	Assistant Professor	Ramalingaswami Award (DBT)	National
	2013-2014	Dr. Mohd Ashraf Dar	Ramalingaswami Fellow	DBT-Ramalingaswami Fellowship	National
	2013-2015	Dr. Mohd Ashraf Dar	Ramalingaswami Fellow	Member, American Association of Advancement of Sciences	International
<b>Doctoral</b>					
	Year of award	Name of Scholar receiving awards from state level, national level, international level	Programme Title and Batch	Name of the award, fellowship received from Government / Recognized Bodies	Level
	2016-17	Syed Qaifah Gillani	Ph.D student	Newton-Bhabha	International

			(year 2014 onwards)	Fellowship	
2015	Ovais Zargar	PhD student		2 <sup>nd</sup> Best poster prize in a National symposium on Biodiversity, Biology and Bioprospecting, Univ of Kashmir	National
<b>Student</b>					
	Year of award	Name of Student receiving awards/Prize from state level, national level, international level	Programme Title and Batch	Name of the award/ prize/ fellowship received from Government / Recognized Bodies	Level
13. How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other Competitive Examinations.					
<b>S.No</b>	<b>Name of the student</b>	<b>Programme and Batch</b>	<b>Competitive Examination cleared by Student</b>	<b>Year</b>	
1.	Ovais Zargar	PhD, 2014	CSIR-UGC-NET	2012	
2.	Sumaya Hassan	PhD, 2014	SET	2015	
3.	Syed Qaifaah Gillani	PhD, 2014	CSIR-UGC-NET/SET/GATE	2015	
4.	Nasreena Sajjad	PhD, 2014	SET	2015	
5.	Aliya	PhD, 2012	SET	2016	
6.	Misbah	PhD, 2012	CSIR-UGC-NET	2016	
7.	Rohina Bashir	PhD, 2014	CSIR-UGC-NET/SET	2017/2016	
8.	Roshia Ali	Int PhD, 2015	CSIR-UGC-JRF/ASRB-NET/SET	2016/2015/2016	
9.	Misbah Shah	Int PhD, 2015	CSIR-UGC-JRF	2017	
10.	Arif Hussain	MSc-2015	CSIR-UGC-JRF	2017	
11.	Mohd Iqbal	MSc-2015	CSIR-UGC-JRF	2017	
12.	Rahail Ashraf	MSc-2016	CSIR-UGC-NET	2017	
13.	Waseem Yunus	MSc-2016	CSIR-UGC-NET	2017	
14.	Sana Hafiz	Ph.D, 2017	CSIR-UGC-JRF	2017	
15.	Shazia Yusuf	Ph.D,	CSIR-UGC-JRF	2017	
16.	Sana Farooq	Ph.D	CSIR-UGC-JRF	2017	
17.	Nusrat Nabi	MSc-2014	CSIR-UGC-JRF	2017	
18.	Zeeshan	MSc-2014	CSIR-UGC-JRF	2017	
List of doctoral, post-doctoral students and research associates					
14. From the host institution/university					
<b>Year of enrolment</b>	<b>Name of Research fellow</b>	<b>Name of degree / programme</b>	<b>Doctoral / Post-doctoral / Research associates</b>		
2013	Asiya	Maulana Azad Postdoctoral Fellowship	Post-doctoral		
From other institutions/universities					
<b>Year of enrolment</b>	<b>Name of Research fellow</b>	<b>Name of degree / programme</b>	<b>Doctoral / Post-doctoral / Research associates</b>	<b>Name of university From where you earned your last degree</b>	<b>Name of last degree attained</b>
2015	Dr. Mohd Ashraf Dar	Ramalingaswami Fellow	Research Fellow	University of Virginia, Virginia, USA	Post Doctoral Research Associate
2015	Dr Rais	Post Doctoral	Post-Doctoral	AMU Aligarh	PhD

	2017	Dr Wasim	Post Doctoral	Post-Doctoral	Jamia Hamdard	PhD	
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Centre						
	Year of enrolment	Name of Student	Programme	Duration of fellowship	Type of the fellowship	Granting agency	Qualifying exam if any (NET, GATE, etc.)
	2012	Nuzhat Shaheen	PhD	5 years	CSIR	CSIR	NET
	2012	Zarka Sarwar	PhD	5 years	DST Inspire	DST	NET/JRF
	2012	Bushra Nissar	PhD	5 years	CSIR	CSIR	NET
	2012	Aliya	PhD	5 years	DST Inspire	DST	SET
	2014	Nasreena Sajjad	PhD	5 years	University Fellowship	UGC	SET
	2014	Syed Qaaifah Gillani	PhD	5 years	DST Inspire	DST	NET/GATE
	2014	Ovais Zargar	PhD	3 yrs	JRF/SRF	DBT	NET
	2014	Nida Sadiq	PhD	5 years	DST WOS	DST	
	2015	Roshia Ali	Int. PhD	5 years	CSIR	CSIR	NET/JRF
	2015	Misbah	Int. PhD	5 years	CSIR	CSIR	NET/JRF
	2015	Shayaq UI Abeer	PhD	3 years	JRF	ICMR	NET
	2016	Humaira	Int PhD	5 years	JRF	CSIR	CSIR-UGC-JRF
	2016	Sairish Ashraf	PhD	3 years	SRF	DHR	
	2014	Misbah	PhD	1 years	University Fellowship	UGC	
	2016	Sanah Hafiz	PhD	3 years	University Fellowship	UGC	
	2015	Falaque Afshan	Int PhD	5 years	DST Inspire	DST	
	2016	Sumaya Nabi	PhD	3 years	SRF	DBT	
	2013	Rumaisa Rafiq	PhD	3 years	JRF/SRF	DST-WoSA	
	2014	Idrees Ayub	PhD	3 years	SRF	ICMR	
	2012	Gulzar Ahmed	PhD	3 years	SRF	DST	
	2016	Mansha Muzaffar	PhD	3 years	University Fellowship	UGC	
	2016	Najma-un Nissa	PhD	3 years	University Fellowship	UGC	