

Evaluative Report of the Department

Name of the University: University of Kashmir

Name of the Department:

SI. No.	Name of the Department	Clinical Biochemistry					
1.	Year of Establishment	2005-2006					
2.	Is the Department part of a School/Faculty of the University	Faculty of Biological Sciences					
3.	Names of programmes offered	Undergraduate	Nil				
		Postgraduate	Masters in Clinical Biochemistry				
		Doctoral	PhD (with Biochemistry)				
4.	Number of teaching posts Sanctioned/Filled	Year	Sanctioned	Filled			
		2012	04	04			
		2013	04	04			
		2014	04	04			
		2015	04	04			
		2016	04	04			
		2017	04	04			
2018	04	04					
5.	Number of Research Projects: Total grants received						
	Project Title	Status	Principal Investigator	Funding Agency	Sanction Date	Amount Sanctioned	Amount Released
	Biophysical Characterization of glycosylated and non-glycosylated forms of Withania somniferaglycoprotein, a therapeutically important protein from Withania somnifera (Ashwagandha)	complete	Dr. Tanveer A Dar	DBT	102/IFD/SAN/4133/2013-2014 Dated 23-11-2013 till june 2017	34'95'000 (Thirty Six lakhs twenty six thousand and two hundred only)	35,83,413 (Thirty Five lacs eighty three thousand and four hundred and thirteen only)
	Quantitation and Comparative Evaluation of insulin resistance, pro-inflammatory & pro-coagulant markers in Drug naive versus Oral Contraceptive pills (OCPs) treated Polycystic Ovary Syndrome.(JKDST); Year; Amount 18 lacs.	complete	Dr. Fouzia Rashid	JKDST	2013-2018	18'00'000 (Eighteen Lac)	18,00,000 (Eighteen Lacs)
	Chromatin Dynamics Associated with Transcription elongation	Cont.	Dr. Wajid A Bhat	DST SERB	SR/S2/RJN-107/2014 dated 09-01-2015 - till 2020	99'38'500 (Ninety Nine Lac Thirty Eighty thousand Five hundred only)	69,40,000 (Sixty Nine Lacs Forty thousand only) released till 2018
	Investigating the effect of osmolytes on protein fibrillation	Cont.	Dr. Tanveer A Dar	CSIR	2016	22'00'000	13,60,284 (thirteen lac sixty thousand two hundred and eighty four)
	Metabolic Evaluation Of Oral Contraceptive Treated Polycystic Ovary Syndrome (PCOS) Women		Dr. Fouzia Rashid	UGC	2013	12'00'000	60,000
	Evaluation of genetic variants		Dr. Fouzia Rashid	DST-WOSA	2013	22'00'000	

of ICAM-1, TNF- α , MCP-1, and PAI-1 gene in Kashmiri polycystic ovary syndrome (PCOS) women and Comparative expression analysis of these genes in drug naive versus oral contraceptive pills (OCP's) treated PCOS women.		(Co-PI)				
Protein & gene expressions of IL1 β , NFKB1, NFKB2, PPAR γ , NOS2, COX2, TNF α in LPS induced Inflammatory response in rats and effect of Cousinia thomsonia (to Showkat A Ganai as PI).	Cont.	Dr. Showkat A Ganai	DST-SERB	2016	38'75'000	14'00'000

6. Inter –institutional collaborative projects and Associated grants received

National collaboration			04 research projects (18 lac)			
Name of the collaborating agency	Name of the participant	Source of financial support	Year of collaboration	Duration	Nature of the activity	
Dr. Ashraf Ganai, Endocrinology, SKIMS	Dr. Fouzia Rashid	JK-DST (18 lac)	2012 till date	Six years	Evaluation of pathophysiology of PCOS	
Dr. L Rajendra Kumar Singh. ACBR, University of Delhi	Dr. Tanveer A Dar	DST (Grants with collaborator)	2012- till date	Six years	Co-solvent engineering of proteins by osmolytes	
Dr. L Rajendra Kumar Singh. ACBR, University of Delhi	Dr. Tanveer A Dar	CSIR (13.6 lac)	2015- till date	Two years	Modulation of protein aggregation by chemical chaperones	
Dr. Abid Hamid Indian Institute of Integrative Medicine, Jammu	Dr. Showkat A Ganai	DBT (Grants with collaborator)	2014 – till date	Three years	Isolation, characterization and mechanistic elucidation of <i>Alcea rosea</i> extracts for anti-cancer activities	
International collaboration (04 research projects)						
Name of the collaborating agency	Name of the participant	Source of financial support	Year of collaboration	Duration	Nature of the activity	
Prof. Carola Hunte Institute of Biochemistry & Molecular Biology, University of Freiburg, Germany	Dr. Syed H Mir,	DFG (Grants with collaborator)	2013 till date	Five years	Generation of monoclonal antibody fragments for structural & biochemical characterization of difficult membrane proteins.	
-do-	Dr. Syed H Mir,	BIOSS (Grants with collaborator)	2013 till date	Five years	Structural and Functional Characterization of Secondary Transporters using monoclonal antibody fragments.	
Dr. Shahid Umar Kansas Medical	Dr. Showkat A Ganai	KI (Grants with	2015 – till date	Two years	Blocking of stem cell driven colon	

	Institute, University of Kansas, USA		collaborator)						cancer with isolated compounds of <i>Alicea rosea</i> active seed extracts	
	Dr. Bruce E. Bowler University of Montana, USA	Dr. Tanveer A Dar	NIH (Grants with collaborator)	2012 - 2017	Five Years				Characterization of denatured states of Proteins	
	Dr. Amin Noorani Laval University, Quebec, Canada	Dr Wajid A Bhat	CIHR (Grants with collaborator)	2016- till date	Two year				Chromatin Dynamics and Transcription Elongation	
	Dr. Jacques Cote Cancer Research Center, Laval University, Quebec, Canada	Dr Wajid A Bhat	CIHR (Grants with collaborator)	2016- till date	Two year				Understanding the role Chromatin modifying enzymes	
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				
8.	Special research laboratories sponsored by /created by industry or corporate bodies									
9.	:			2012	2013	2014	2015	2016	2017	2018
	Publications			10	06	12	13	10	21	17
	Number of Papers published			-	01	-	01	-	03	04
	Conference proceedings			-	-	-	04	02	-	-
	Number of Books with ISBN			-	-	-	02	01	02	-
	Book Chapters			-	-	-	01	-	01	-
	Edited Books			148	166	188	207	324	354	261
	Number of Citation Index – range			0.5-3.0			0.5-4	0.5-4	0.5-11.5	0.5-11.5
	Number of Impact Factor – range									
	Number of h-index									
10.	Details of patents and income generated			nil						
11.	Areas of consultancy and income generated			nil						
	Name of the Patent	Status - filed/ published/ awarded	Patent Number	Year of Filing/	Publish/ Award	Income generated (amount in rupees)				
12.	Awards/Recognitions received at the National and International level by :									
	Faculty									
	Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship received from Government / Recognized Bodies			Level			
	2014-2015	Dr. Tanveer A Dar	Assist. Professor	INSA Visiting Fellow			National			
	2015	Dr. Abdul Wajid Bhat	Scientist D	Ramanujan Fellow			National			
	Doctoral									
	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			
	Student									

