




Faculty Details proforma for DU Web-site

Title	Dr	First Name	Rita	Last Name	Kumari	
Designation		Assistant Professor (Ad-Hoc)				
Address		G-1401, Elite Homz, Noida SECTOR 77, Uttar Pradesh				
Phone No	Office	01127666272				
	Residence	0120-4953090				
	Mobile	9650333027				
Email	Rita.acbr@gmail.com					
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
PhD		Dr. B.R Ambedkar Center For Biomedical Research, University of Delhi			2014	
M.Sc.		Dr. B.R Ambedkar Center For Biomedical Research, University of Delhi			2006	
B.Sc.		Maitreyi College, University of Delhi			2004	
Career Profile						
<p>Rita Kumari is an assistant professor of human physiology at Dr. B.R. Ambedkar Centre for Biomedical Research, Delhi University, India. She has her bachelor's degree in Zoology from Maitreyi college, Delhi University, followed by her masters in Biomedical sciences at Dr. B.R. Ambedkar Centre for Biomedical Research, Delhi University where she developed research interest in Parkinson disease that earned her PhD in Biomedical Sciences from the same institution. She has her expertise in rodent animal models for neurodegenerative disorder like Parkinson's disease for behavioral, biochemical, molecular biology studies. She had her short stint at Massachusetts General Hospital, Boston, Massachusetts, USA, there she elaborate her knowledge in immunology and sharpened her molecular biology skills. Her current research interest includes evaluation of post translational modification in arbitrating neuronal cell death and assessment of oxidative stress induced neurotoxicity using <i>in vivo</i> and <i>in vitro</i> models. currently she is engaged in teaching Human Physiology and course work at Dr. B.R. Ambedkar Centre for Biomedical Research, Delhi University to postgraduate students and PhD scholars respectively.</p>						
Administrative Assignments						

Adjunct Assistant Professor,**Jan 2016 – Present**

Dr. B.R Ambedkar Center for Biomedical Research

University of Delhi, India.

Same as in 2013-14.

Adjunct Assistant Professor,**July 2013 – May 2014**

Dr. B.R Ambedkar Center for Biomedical Research

University of Delhi, India.

Responsibilities include teaching Advance Human physiology course of M.Sc. Biomedical sciences, academic work related to teaching, conducting the practicals for the same, setting and evaluation of the above-mentioned examination and helping other faculties in the academic duties like workshop organization and entrance examination preparation.

Teaching Assistant,**September 2006 – March 2007**

Dr. B.R Ambedkar Center for Biomedical Research

University of Delhi, India.

Conducting the pharmacology practicals for M.Sc. biomedical course

Guest Lecturer,**July 2006 – August 2006**

Maitreyi College, University of Delhi, India.

Used to teach genetics, cell biology, life science & conduct practicals for genetics

Areas of Interest / Specialization**Neuropharmacology, Neurotoxicity, Proteomics****Subjects Taught**

Human Physiology

Time table of the subjects taught during the current semester				
S.No.	Subject	Days	Time	Classroom
1	Human Physiology	Monday, Wednesday, and Friday	11:15-1:15, 11:15-12:15	Click here to enter text.
Research Guidance				
Publications Profile				
<p>Luthra PM, Prakash A, Barodia SK, Kumari R, Mishra CB, Kumar JBS. In silico study of naphtha [1, 2-d] thiazol-2-amine with adenosine A 2A receptor and its role in antagonism of haloperidol-induced motor impairments in mice. Neuroscience letters 463(2009):215-218.</p> <p>Rita Kumari, JB Senthil Kumar, and Pratibha Mehta Luthra. Postoperative administration of 7-NI in 6-OHDA induced bilaterally lesioned female rat model of Parkinson's disease. Neuroscience Letters 589 (2015) 191–195</p> <p>JB Senthil Kumar, Rita Kumari, and Pratibha Mehta Luthra. Modulation of Indole Ring Annulation in Ergoline Template: Chemistry, Receptor Binding and In-vivo Pharmacology with 6-OHDA Model of Parkinson's Disease. Med Chem Res (2016) 25:596–608.</p>				
Publications in the Last one year				
<p>Namrata Kumari, Saurabh Agarwal, Rita Kumari, Dimpy Sharma and Pratibha Mehta Luthra. Neuroprotective effect of IDPU (1-(7-imino-3-propyl-2,3-dihydrothiazolo [4,5-d]pyrimidin-6(7H)-yl)urea) in 6-OHDA induced rodent model of hemiparkinson's disease. Neuroscience Letters (2018), accepted</p>				
Conference Organization/ Presentations (in the last three years)				
<ul style="list-style-type: none"> Assisted in organizing the Symposium entitled “11th Symposium on Frontiers in Biomedical Research (February 2018)”. Participated in Workshop at Institute of Nuclear Medicine and Allied Sciences (INMAS): Neuroimaging in Cognitive Research” during 14-15 October 2016 to get enlightened about the technological developments and advances in the field of Neuroimaging and how it can be applied to cognitive research. Participated in the CRASH COURSE for the upcoming UGC-CSIR JRF/NET 				

<p>examination and coached the students in Human physiology.</p> <ul style="list-style-type: none"> • Participated in the DU Pre-Entrance Summer School 2016 and taught students Cardiovascular system in Human physiology. • Presented oral talk entitled “Role of Interleukin 22 binding protein (IL22BP) in Inflammatory Bowel Disease (IBD)” at 13th GI Research Retreat (May 2015) at Massachusetts General Hospital, Boston MA.
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
<p>Junior Research fellowship granted by Council of Scientific and Industrial Research (CSIR)</p> <p style="text-align: right;">2007</p> <p>National Eligibility Test for Lectureship qualified</p> <p style="text-align: right;">2006</p>
Association With Professional Bodies
Other Activities

Signature of Faculty Member