



DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Dr	First Name	Rashmi	Last Name	Dudeja (Formely, Pasricha)	Photograph
Designation		Assistant Professor				
Address		C-62, Pushpanjali Enclave Pitam Pura Delhi-110034				
Phone No. Office						
Residence		011-45616446				
Mobile		9818088322				
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Web-Page						
Educational Qualifications						
Degree		Institution			Year	
Ph.D.(Medical Microbiology)		Vallabhbhai Patel Chest Institute, University of Delhi			2012	
M.Phil.		NA				
PG (M.Sc Biomedical Sciences)		Dr. B.R.Amedkar Centre for Biomedical Research, University of Delhi			2003	
UG (B.Sc. (Hons)Biochemistry)		Daulat Ram College, University of Delhi			2001	
Any other qualification						
Career Profile						
<p>I had done my graduation in B.Sc (Hons) Biochemistry and Post Graduation in M.Sc Biomedical Sciences. After that I did my Ph.D. entitled "Functional analysis of <i>lprN</i> gene of <i>mce4</i> operon of <i>Mycobacterium tuberculosis</i> from V. P. Chest Institute.</p> <p>After that, I worked as Assistant Professor (ad-hoc basis) in 2010-2011 at Department of Biomedical Sciences, Bhaskaracharya College of Applied Sciences, University of Delhi.</p> <p>Also, worked as an Assistant Professor (ad-hoc basis) from August, 2012-November, 2012 at Department of Biochemistry, Deshbandhu College, University of Delhi under leave vacancy.</p> <p>I also did some Guest lecturership at Department of Biochemistry in Shivaji College, Daulat Ram College and in Deshbandhu College also in the year 2011, 2013, 2014, 2016 and 2017.</p> <p>And now I am working as Assistant Professor (ad-hoc basis) from July, 2017 till date at Department of Biochemistry, Deshbandhu College, University of Delhi</p>						
Administrative Assignments						
<p>Member of Admission Committee in 2018</p> <p>Member, Refreshment Committee of Annual Cultural Fest Sabrang, 2018</p> <p>Member, Organizing Committee of Annual Departmental Fest BIOSPARK in 2017, 2018</p> <p>Member, Organizing Committee of INSPIRE workshop in December, 2017</p>						

Areas of Interest/Specialization		
Biochemistry/Medical Microbiology		
Molecular Biology		
Immunology		
Subjects Taught		
B.Sc. (Hons) Biochemistry I Year	B.Sc. (Hons) Biochemistry II Year	B.Sc. (Hons) Biochemistry III Year
Biomolecules	Human Physiology	Microbiology
Cell Biology	Metabolism of carbohydrates & Lipids	Immunology
Enzymes	Hormones:Biochemistry & Function	Molecular Basis of Infectious Diseases
	Tools & Techniques	
Research Guidance		
NA		
Publications Profile		
<p>1. Research papers published in Refereed/Peer Reviewed Journals</p> <p>a. The <i>Mycobacterium tuberculosis</i> Recombinant LprN Protein of <i>mce4</i> Operon induces Th-1 Type Immune Response Deleterious to Protection. Pathogens and Disease, 2014, Vol 72, 3: 188-196</p> <p>Rashmi Pasricha, Neeraj Kumar Saini, Nisha Rathore, Rakesh Pathak, Rajesh Sinha, Mandira Varma-Basil, Kiran Mishra, Vani Brahmachari, Mridula Bose.</p> <p>b. Single nucleotide polymorphism in the genes of <i>mce1</i> and <i>mce4</i> operons of <i>Mycobacterium tuberculosis</i>: Analysis of clinical isolates and standard reference strains. BMC Microbiology, 2011, 11:41.</p> <p>Rashmi Pasricha, Amita Chandolia, Prija Ponnann, Neeraj Kumar Saini, Sangeeta Sharma, Madhu Chopra, Mandira Varma-Basil, Vani Brahmachari, Mridula Bose</p> <p>c. Functional analysis of an intergenic non-coding sequence within <i>mce1</i> operon of <i>M. tuberculosis</i>. BMC Microbiology, 2010, 10: 128.</p> <p>Monika Joon, Shipra Bhatia, Rashmi Pasricha, Mridula Bose and Vani Brahmachari</p> <p>d. Characterization of Mce4A protein of <i>Mycobacterium tuberculosis</i>: role in invasion and survival, BMC Microbiology, 2008, 8:200.</p> <p>Neeraj Kumar Saini, Monika Sharma, Amita Chandolia, Rashmi Pasricha, Vani Brahmachari and Mridula Bose.</p>		
Conference Organization/Presentations		
<p>1. Organization of a Conference</p> <p>a. Member, Organizing Committee of Annual Departmental Festival Biospark which organized a lecture on "Modeling</p>		

Human diseases: The How and Why” by Dr Chetana Sachidanandan, Senior Scientist, CSIR-IGIB, Mathura Road, Delhi on 9 October, 2018 in Deshbandhu College

- b. Member, Organizing Committee of Annual Departmental festival “Biospark-2018” in February, 2018 in Deshbandhu College
- c. Member, Organizing Committee of Annual Departmental Festival Biospark which organized a Lecture on “Introduction of Epigenetics and Human Diseases” by Dr. Ashok Sharma, Assistant Professor and Faculty-In-Charge: Division of Neurobiochemistry, Department of Biochemistry, AIIMS on 25th October, 2017 at Deshbandhu College.
- d. Member, Organizing Committee of INSPIRE workshop held in December, 2017 in Deshbandhu College

2. Participation as Paper/Poster Presenter

- a. Presented poster entitled “Single Nucleotide Polymorphism in the Mammalian Cell Entry Operons of *Mycobacterium tuberculosis*” at 41st Union world conference on Lung Health in Berlin, Germany, 2010.

Rashmi Pasricha, Amita Chandolia, Neeraj K. Saini, Prija Ponnann, Mandira Varma Basil, Vani Brahmachari, Mridula Bose

- b. Presented poster entitled “Genetic Polymorphism in *mce1* and *mce4* Operons of *Mycobacterium tuberculosis* in Clinical Isolates and Standard Strains at International Symposium on New frontiers in Tuberculosis Research” in ICGEB, Delhi, India, 2006.

Rashmi Pasricha, Nupur Asthana, Amita Chandolia, Ashwani Kumar, Neeraj K. Saini, Vani Brahmachari, Mridula Bose

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

Senior Research Fellowship in 2006 from CSIR

Qualified CSIR NET JRF in 2004

Catch Them Young” Fellowship in year 2002-2003 from CSIR during M.Sc. from Dr B.R.Amedkar Centre of Biomedical Research, University of Delhi.

Association With Professional Bodies

Other Activities

I had set question papers for B.Sc. (Hons) Biochemistry at university level.

Rashmi

Signature of Faculty Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.