

Proforma for Faculty Profile

Department : Biochemistry

Name of the teacher: Dr. Vandana Ranjan

Designation: Associate Professor

DOB : 11/09/1975

Post type: Regular

Date of joining in this university: 01/08/2000

Total teaching experience: Twenty years +

Professional experience: none

Research experience: Nine years

Total publications till date: 12

Publications during last five years: 10

Project/Patent/Awards During Last 05 Years: none

E contents developed during last 5 years: approximately 50



Curriculum Vitae

Vandana Ranjan
PhD

Department of Biochemistry
Dr R.M.L. Avadh University Faizabad
Email: ranjanrml@gmail.com
Phone: +919415076627

Present Designation:	Associate professor
Date of joining:	August 01, 2000
Date of Birth:	September 11, 1975
Teaching experience:	20 years (at PG level)
Academic Qualifications:	M.Sc - Biochemistry Ph.D. – Biotechnology CSIR-UGC NET qualified
Area of Specialization:	Neuroscience
PhD Thesis title:	<i>"Role of Histone Acetylation and Deacetylation during Fear Consolidation and Extinction"</i> , [one examiner from USA recommended the thesis for award of PhD with distinction.]
Teaching expertise:	Neuroscience, Molecular biology, Metabolic Biochemistry, Bioenergetics, Immunology
Area of research interest:	Epigenetic mechanism for emotional learning, Clinical & Neural Diagnostics Research
Research experience:	9 years

Orientation/Refresher courses:

Orientation program -	2005 (Sept 1 to 30), at ASC Lucknow University, Lucknow
Refresher Course -	2006-07 (Dec 20 to Jan 10), at ASC Punjab Univ. Chandigarh
Ph.D course work -	2012 (six months), under FIP (other than as part of PhD degree) at BBAU Lucknow
Refresher Course -	2013, (Nov 19 to Dec 9), at ASC, BHU, Varanasi



Workshops:

7 days workshop (June 21-27, 2015)	"NMR/MRI: From Molecule to Human Behaviour", organized jointly by CBMR, Lucknow and BBAU, Lucknow
7 days workshop (December 15-21, 2015)	"Flow Cytometry", organized by Centre for Medical Diagnostic and Research, MNNIT, Allahabad
One day Workshop (March 18, 2013)	"Placement and employment prospects in Indian patent offices and hands on training for patenting the research work", organized by BBAU, Lucknow

Seminar/Conferences: (detailed in Annexure 2)

National –	12
International –	07
Regional –	01

Invited lectures/Talks:

International conference:	01, Plenary lecture - (Feb, 2017), in International Conference on Updates in Cancer Prevention and Research (ICUCPR), at BBAU, Lucknow.
Regional/State/local:	60 (2008 – 2015), talk cum lectures in NDUAT Kumarganj Faizabad & BBAU, Lucknow.
Radio Talk:	03, Prasara Bharti – Akashvani/Doordarshan from Faizabad chapter.
Session Chaired:	One plenary session chaired in International Conference on Updates in Cancer Prevention and Research (ICUCPR), Feb, 2017 at BBAU, Lko

M.Sc. dissertation guided:

1. *"Characterization of Water Borne Enteric Bacterial Isolates from Faizabad City Area"*, (2015).
 2. *"Epidemiology and Risk Factors of Chronic Kidney Disease in Faizabad City and Nearby Region"*, (2016).
-



Recent Publications:

" HDAC1 and HDAC2 play an important role in the regulation of Histone acetylation required towards consolidation and extinction of fear", 2019, **Vandana Ranjan**, Sarfraj A Siddiqui; Sanjay Singh; Rajesh Ugale; Rohit Kanojia; Sudipta Saha; Sukanya Tripathy, Neurobiology of Learning and Memory,

Regulation of HDAC1 and HDAC2 during consolidation and extinction of fear memory, 2019, Sarfraj Ahmad Siddiqui, Sanjay Singh, Rajesh Ugale, Vandana Ranjan, Rohit Kanojia, Sudipta Saha, Sukanya Tripathy, Shiv Kumar, Sudhir Mehrotra, Dinesh Raj Modi, Anand Prakash, Brain research bulletin 150, 86-101,

"Enhanced Histone Acetylation in the Infralimbic Pre Frontal Cortex is associated with Fear Extinction", 2017, Sarfaraj Ahmad Siddiqui, Sanjay Singh, **Vandana Ranjan**, Rajesh Ugle, Sudipta Saha, Anand Prakash, Cell Mol. Neurobiol., doi:10.1007/s10571-0464-6.

"Differential Histone Acetylation in sub-regions of Bed Nucleus of the Stria Terminalis underlies Fear Consolidation and Extinction", 2017, **Vandana Ranjan**, Sanjay Singh, Sarfaraj Ahmad Siddiqui, Sukanya Tripathi, Mohd. Yahia Khan, Anand Prakash, Psychiatry Investigation, 14(3);350-359.

"Differential histone acetylation in amygdala leads to fear memory consolidation and extinction", 2015, **Vandana Ranjan**, Sanjay Singh, Sarfraj Ahmad Siddiqui, M.Y. Khan, Anand Prakash, International Journal of Science Technology and Society, Vol. 1 (1); Jan-June 2015, 43-50.

Membership: (Academic bodies/Administrative bodies/Editorial board of any research journal etc.)

Member of Executive Council of parent University (2009, Term completed, 2020 - term continue).

Member of **Examination Committee** of parent University (2010, Term completed).

Member, **Board of Studies**, Dept. of Biochemistry, Dr. RML Avadh Univ. Fzd. Twice (2003 & 2009, Terms completed).

Member of **Scholarship committee** in parent University (2013, Term completed).

Member of **Academic Council** of parent University (2015, Term completed).

Associate Editor for Biochemistry, Journal of Farm Science Research, published by Farm Care Society of India, from 2012.

Administrative assignments:

Observer, in competitive exams (CPMT, B.Ed, State Ph.D entrance)



Observer, exams in parent university and affiliated medical collages

Assistant Centre Superintendent (ACS) in exams conducted by Parent University every year.

Academic qualifications –

Examination	Institution	Subject(s)	Year	Division
Intermediate	UP Board	Biology group	1992	I
B.Sc.	Dr.RML Avadh Univ. Fzd.	Chemistry	1995	I
M.Sc.	do	Biochemistry	1998	I
Ph.D.	BB Ambedkar Univ. Lko.	Biotechnology	August 2016	
UGC-CSIR NET	-	Life Sciences	1999	-
PGD in Computer application and Programming	Hiltron Calc, Faizabad	-	1995	86%

Date: 08/08/2020

Vandana Ranjan

