

## **CURRICULUM VITAE of Dr. RAJANI BALA JASROTIA**

**Dr Rajani Bala Jasrotia**

**Designation: Associate Professor**

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### **Academic Qualification**

<b>Degree</b>	<b>Year of Passing</b>	<b>University</b>	<b>Name of the Institute with Address</b>
<b>BSc (CBZ)</b>	<b>JULY, 1998</b>	<b>Andhra Univ.</b>	<b>Dr V.S. Krishna College, Vishakhapatnam, Andhra Pradesh</b>
<b>MBBS</b>	<b>April 2003</b>	<b>Delhi Univ.</b>	<b>Lady Hardinge Medical College, Connaught Place, New Delhi</b>
<b>M.D. Physiology</b>	<b>June 2009</b>	<b>Delhi Univ.</b>	<b>Lady Hardinge Medical College, Connaught Place, New Delhi</b>

**Registration details in medical council: Delhi Medical Council (DMC)**

Registration No.: 02008

Year of Registration: 2004

**UP Medical Council (UPMC): UG: 85701; PG:12407; Dated:02/07/2019**

## Professional Experience:

Name Of the Post Held	Date of Joining	Date of Leaving	Name of the Organization with Address
Junior Resident	30/6/2006	29/6/2009	Lady Hardinge Medical College, Connaught Place, New Delhi
Senior Demonstrator	30/6/2009	29/6/2012	University College Of Medical Sciences, Dilshad Garden Delhi
Assistant Professor	02/7/2012	01/7/2016	Smt. B. K. Shah Medical Institute And Research Center, SumandeepVidyapeeth, Vadodara, Gujarat
Assistant Professor	02/8/2016	18/8/2016	Smt. B. K. Shah Medical Institute And Research Center, SumandeepVidyapeeth, Vadodara, Gujarat
Associate Professor	19/8/2016	1/12/2016	Smt. B. K. Shah Medical Institute And Research Center, SumandeepVidyapeeth, Vadodara, Gujarat
Associate Professor	8/12/2016	Continuing	Dr. Ram Manohar Lohia Institute of Medical Sciences, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar

			Pradesh
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## **Awards and Recognition**

**1 Gold medal as Best outgoing student in Zoology during BSc (CBZ) by Andhra University year 1998.**

**2. ICMR funding (Rs. 25000/-) for Post Graduate thesis during year 2006-09.**

**3. Best paper award for presenting a research paper titled "Effect of yoga on pulmonary function tests in healthy school children" in the conference of National Yoga Week 2009 organized by Morarji Desai National Institute of Yoga, New Delhi from 16-22 Feb. 2009.**

**4. Completed American Heart Association Basic Life Support and American Heart Association Advanced Cardiovascular life support in January 2017 at Dr. Ram Manohar Lohia Institute of Medical Sciences.**

**5. First prize in oral presentation in free paper category (faculty) in a conference UP-UK APPICON 2018 organized by SRMS Bareilly.**

**6. GUIDE : ICMR STS funded project in 2019 (Rs. 20,000/-)**

## **Other Achievements:**

**1. Life member of Association of Physiologists and Pharmacologists of India (A.P.P.I.)**

**2. Review panel member in Indian Journal of Research and Reports in Medical Sciences.**

**3. Life Member of Indian Medical Association (IMA)**

**4. Life Member of Association of Physiologists of India (ASSOPI)**

1. Theory evaluator , Moderator for manuscripts, paper setter ,internal & external examiner of MBBS,BDS and BPT, examination since 2014.

2. .Senior supervisor for ensuing M.sc, B.Sc Nursing theory examination.

3. Mentoring Academic, personal ,Language problems and adjustment related problems for MBBS students.

4. Had been member :

- HRRP (Human research review panel )
- EBES (Evidence Based Education System)

5. Organized One day CME on Affect( Emotion) regulation: Neurological, psychological& spiritual perspectives” on 9/5/2016

## **Career Advancements:**

a. National or International conferences attended: 10

b. Regional Conferences/ CME / seminars / Workshop / Symposium attended : 40

c. Papers presented at national or international conferences: 7

d. No. of abstracts published: 7

e. Research Publication :18

f. Research projects 7

## **8 Research Experience:**

**Dr Rajani Bala Jasrotia:**

**Research Publication :18**

1. **Jasrotia RB**, Kanchan A, John NA, Gangwar V, Verma MK. Acute Effect of Tibetan Meditational Music on Autonomic Functions. Sch. J. App. Med. Sci. Apr 2018; 6(4): 1826-1828.
2. **Jasrotia RB**, Kanchan A, Harsoda JM, Saini R, Agarwal M. Pain sensitivity and cardiovascular reactivity to the experimental induced cold pressor pain during different phases of menstrual cycle in young Indian females. Natl. J. Physiol. Pharm. Pharmacol. 2018; 8(2):273-277.

3. Gangwar V, Verma M K, John N K & **Jasrotia RB**. Autonomic functions in tiles cutting workers at construction site: Case Study. Sch. J. Med. Sci. 2018;6(4F): 1758-1759
4. **Jasrotia RB**, Kanchan A, Harsoda JM. Effect of menstrual cycle on pulmonary functions and respiratory efficiency. International Archives of Integrated Medicine 2016; 3 (7), 233-238
5. **Jasrotia RB**, Kanchan A. Exercise induced asthma (EIA), Exercise induced bronchospasm (EIB), Airway Hyper-responsiveness (AHR) and Exercise induced bronchial lability (EIBL): are they same? Int Journal Current Research and Reviews. 2013; 5(20): 89-93.
6. **Jasrotia RB**, Kanchan A. Effect of yoga on pulmonary functions in asthmatic children. Int. journal for Life Sciences and Educational Research.2013; 1(3),110 - 114
7. **Jasrotia RB**, Kanchan A, Hathi GK, Harsoda JM. Knowledge, attitude and practices of Indian girls on various aspects of menstruation. Transworld Medical Journal. 2013.1(2):7-14.
8. Kanchan A, **Jasrotia RB**, Gosai H, Harsoda JM, Hathi GK. Leptin in Obesity: An Example of altered Homeostasis. SEAJCRR. 2013; 2(6): 531-538.
9. Kanchan A, **Jasrotia RB**, Hathi GK, Harsoda JM. Autonomic reactivity to stress induced by cold pressor test in normotensive offspring of hypertensive parents. Transworld Medical Journal. 2013; 1(2):42-45.
10. Kanchan A, **Jasrotia RB**. Evidence Based Medicine: Need of the hour. Indian Journal of Research and Reports in Medical Sciences. 2015; 5 (2), 17-18
11. Gosai H, Akhiani P, Kanchan A, **Jasrotia RB**, Palan BM, Harsoda JM. Neutrophil to lymphocyte ratio and platelet count in anaemic female medical students. Int. Jour Res Med. 2013; 2(2): 41-44
12. **Jasrotia RB**, Mondal S, Gandhi A, Kumar V, Gandhi S. Effect of yoga on pulmonary function in healthy school children. Yoga Vignana. 2009; 2(3): 29-31.
13. **Jasrotia RB** Mondal S, Gandhi A, Kumar V, Gandhi A, A Quasi Experimental Study Of The Effects Of Yogic Practices On Pulmonary Functions And Exercise Induced Bronchial Lability In Children With Controlled Asthma.International Journal Of Medical Science And Public Health .2019
14. **Jasrotia RB**, Mondal S, Gandhi A, Kumar V, Gandhi S Impact of adjunct treatment with yoga on severity, illness score and drug dosage in controlled asthmatic children.National journal of physiology, pharmacy and pharmacology.2019

15. **Jasrotia RB**, Kanchan Arvind, John NA, Gangwar V, Verma MK A cross-sectional study to evaluate the effect of subjective sleep quality on autonomic functions in different age groups of adults. International Journal of Research in Medical Sciences.2019
16. **Jasrotia RB**, Kanchan Arvind, John NA, Gangwar V, Verma MK A cross-sectional study of impact of body composition and anthropometry on heart rate variability in different age groups of adults. National Journal of Physiology, Pharmacy and Pharmacology 2019 9(5) ,423-428
17. Gangwar V, Verma MK, John NA, Gangwar RS, Singh AK, **Jasrotia RB**. Correlation of autonomic function tests with age, sex, anthropometry and body composition in sedentary office workers. Natl. J Physiol Pharm Pharmacol. 2019.
18. Verma, Manish & Verma, Narsingh & Ashok John, Nitin & Gangwar, Vibha & **Jasrotia Rajani B**. A 15480 Pattern of inter-arm difference in blood pressure and ankle-brachial index in building construction workers. Journal of Hypertension 2018; 36:e234

#### Details of CME/Conference/Workshop attended/Organized by Dr Rajani Bala Jasrotia

S.no.	CME/WORKSHOP/CONFERENCE	Duration	Credits hours (if any)	Remarks
1	UP-UK APPICON 2018 SRMS, Bareilly ,Preconference CME	13-15 <sup>th</sup> April 2018	8	Oral paper presentation, 1 <sup>st</sup> position
2	UP-UK APPICON 2018 SRMS, Bareilly ,Preconference CME	13-15 <sup>th</sup> April 2018	4	Delegate
3	First National CME cum workshop on Electrodiagnostic techniques in Neurophysiology in AIIMS BHOPAL	10 <sup>th</sup> march 2018	2	Delegate
4	RSSDI UPCON 2018 Lucknow, 7 <sup>th</sup> National conference	10 & 11 /2/2018	8	Delegate

5	CME on fungal sepsis: an update Dr.RMLIMS, lucknow	17/03/2018		Delegate
6	WCC-2018 Indian Society of chronomedicine workshop KGMU,Lucknow	17 <sup>th</sup> to 19 <sup>th</sup> /11/2018		Delegate
7	WCC-2018 Indian Society of chronomedicine 4 <sup>th</sup> world congress on chronmedicine, KGMU,Lucknow	17 <sup>th</sup> to 19 <sup>th</sup> /11/2018		Oral paper presentation
8	Workshop on Basic Biostatistics in SGPGI& NIH, Lucknow	21 to 23 /9/2018		Delegate
9	64 <sup>TH</sup> Annual National Conference of APPICON 2018	27/11/2018		Delegate
10	64 <sup>TH</sup> Annual National Conference of APPICON 2018,CME & Webinar session	29, 30/11/& 1/12 2018	6	E-poster presentation
11	64 <sup>TH</sup> Annual National Conference of APPICON 2018, workshop EEG & ERP	28/11/2018		Delegate
12	CME ,HIMS ,Safedabad,barabanki	23/4/ 2019	4	Faculty
13	HIMS ,Safedabad, Barabanki, Department of physiology organized ,physiology student seminar competition -2019	20/5/2019		Judge
14	Scientific Rangoli Competition at Dr.RMLIMS, Lucknow	6/3/2019		Member of organizing committee
15	Scientific Poster competition at Dr.RMLIMS, Lucknow	18/ 3/2019		Organizing member
16	CISP of the competency based undergraduate medical education curriculum at Dr.RMLIMS	30,31 /5/&1/6/2019		Delegate
17	Workshop on Basic Life Support/Advanced Cardiac Life Support .DrRMLIMS, Lucknow	27 <sup>th</sup> to 29 <sup>th</sup> Jan 2017		Participant  Successfully completed

## Activities in Research

<b>Principal Investigator</b>	<b>Research Project</b>	<b>Type of Project</b>
<b>Dr Rajani Bala Jasrotia</b>	Impact of therapeutic Neck Irradiation on Postural Cardiovascular reflexes and Heart rate variability in patients of thyroid malignancy.	Funded ICMR STS project
	Impact of quality of sleep on body composition, autonomic functions and heart rate variability in adult population	Non funded intra-mural project
	<b>Effect of menstrual cycle on pulmonary function and respiratory efficiency .</b>	Non funded intra-mural project
	Effect of progressive exercise on cardiopulmonary dynamics during different phases of menstrual cycle	PhD Thesis
	Effect of yoga on Exercise induced bronchial lability in asthmatic children	ICMR funded
	Effect of Tibetan Meditational music therapy on perceived stress and cardiovascular autonomic functions in shift workers	Non funded intra-mural project
	Autonomic function Tests and Electrophysiological evaluation including blink reflex and sympathetic skin response test in patients of episodic primary headache and NDPH. (Co-	Funded intra-mural project



	investigator) Neurology Department.	
	Correlation of clinical assessment with lung function tests before and after treatment in children with asthma (Co- investigator) Paediatrics Department.	Non funded intra-mural project