

## **PROFILE**

**Name: Dr. Jyoti P. Khodnapur**

**Designation: Associate Professor**

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### **ACADEMIA**

**2014-2018: Ph. D. in Medical Physiology [Doctoral degree Awarded from  
BLDE (DEEMED TO BE University), Vijayapur]**

**Title of Ph. D. thesis: “Relationship between oxygen tension, oxidative stress  
and vascular ageing among the general population of Vijayapur city: A cross  
sectional approach”**

**2008-2011: M. D. in Physiology, Degree awarded from BLDE University, Vijayapur.**

**Title of M.D thesis: “A comparative study of physical fitness and  
pulmonary functions among residential and non residential school  
children of Bijapur”**

**2000-2005: MBBS, degree completed from RGUHS, Shri.B.M.Patil Medical college and  
Research centre, Bijapur.**

### **CAREER RECORD**

**2008 to 2011: Tutor cum PG at Dept of Physiology.**

**2011 to 07.11.2019: Assistant Professor, Department of Physiology.**

**2019 to till date: Associate Professor, Department of Physiology.**

## DETAILS OF RESEARCH PROJECTS

S. N	Title of project	Funding agency	Self/UG/PG	Duration
1.	<b>Relationship between oxygen tension, oxidative stress and vascular ageing among the general population of Vijayapur Urban area: A cross sectional approach</b>	<b>BLDEU</b>	<b>Self (PhD work)</b>	<b>2018 completed</b>
2	<b>A Comparative Study of Physical Fitness among Obese and Non-Obese School Children</b>	<b>BLDEU project</b>	<b>UG</b>	<b>2017 (ongoing)</b>
3	<b>Changes in pulse wave velocity among III trimester of healthy pregnant women in different age groups: A cross sectional study</b>	<b>ICMR</b>	<b>UG</b>	<b>2018</b>
4.	<b>A comparative study of physical fitness in cyclists, residential and nonresidential school children.</b>	<b>ICMR project</b>	<b>UG</b>	<b>2 months (July to August 2012)</b>
5.	<b>Role of Yoga training on cardiopulmonary fitness in cyclists of Bijapur.</b>	<b>SELF</b>	<b>Co-investigator</b>	<b>2013</b>
6.	<b>Study on association between serum Leptin, serum C-Peptide and <math>\beta</math>-Cell dysfunction in Lean Individuals With Type 2 Diabetes mellitus (DM).</b>	<b>Applied for VGST</b>	<b>Co-investigator</b>	<b>2019-20</b>

## PUBLICATIONS

S.N	Title of Article	Author in article (1 <sup>st</sup> , 2 <sup>nd</sup> etc.)	Name of journal	Intern'l/ National/ State/ Regional	Year, Vol, No.	Impact factor
1.	Role of regular exercise on VO <sub>2</sub> max and physiological parameters among Residential and Nonresidential school children of Bijapur.	1 <sup>st</sup>	International Journal of Biomedical and Advance Research	International	IJBAR (2012) 03(05)	Indexed in copernicus
2.	Status of Respiratory Performance in Residential school children compared to Non-Residential school children.	1 <sup>st</sup>	National Journal of Basic Medical Sciences	National	NJBMS April-June – August 2012; Vol 2, Issue 4. page no - 357-360.	Indexed in copernicus
3.	Role of Exercise and Nutrition on Cardiopulmonary fitness and pulmonary functions on Residential and Non-Residential school children	1 <sup>st</sup>	Indian Journal of Physiology and Pharmacology	National	Indian J Physiol Pharmacol 2012; 56(3) : July-Sept 2012 page no-239-244	Impact factor-1.52, indexed in Pubmed

4.	Status of Physical Fitness Index (PFI %) and Anthropometric parameters in Residential school children compared to Nonresidential school children.	1 <sup>st</sup>	Journal of Krishna Institute of Medical Sciences University	National	JKIMSU, Vol. 1, No. 2, July-Dec. 2012. Pg no-137-141	Indexed in copernicus
5.	Role of exercise and nutrition on cardiopulmonary fitness on residential and non-residential school children.	1 <sup>st</sup>	Analytica medica	Regional	Vol 13 No:1 & 2 Jan-Dec.2012. p.36-43.	
6.	Role of exercise and nutrition on cardiopulmonary fitness	2 <sup>nd</sup>	Indian Medical Gazette	National	January 2012, VVOL.CXLV I, NO.1 p. 6-9	Indexed in index medicus
7.	Aging and gender effects on rate-pressure product: an index of myocardial oxygen consumption.	2 <sup>nd</sup>	International Journal of Biomedical and Advance Research	International	IJBAR (2012) 03(03) p.175-178	Indexed in copernicus
8.	Influence of yoga practice on anxiety level of apparently healthy female subjects of bijapur (karnataka).	2 <sup>nd</sup>	International Journal of Biomedical and Advance Research	International	IJBAR (2012) 03(08)	Indexed in copernicus
9.	Bhastrika Pranayama: A longitudinal study of its effect on blood pressure, heart rate, MEP and PEFr of healthy young students.	2 <sup>nd</sup>	National Journal of Basic Medical Sciences	National	Volume III, Issue-1. July-September 2012. Page No-18-20.	Indexed in copernicus
10.	Role of yoga in modifying anxiety level in sedentary women.	2 <sup>nd</sup>	IJPP	National	2014;58(1):92-95	Indexed in pubmed
11.	A Study of Effect of short term yoga training on respiratory endurance and muscle strength in elderly individuals.	2 <sup>nd</sup>	Indian J of public research and development	International	OCT-dec 2014;5(4):42-45	Indexed in copernicus
12.	A Study of cardiovascular autonomic functions in apparently healthy male individuals.	2 <sup>nd</sup>	Indian J of public research and development	International	Jan-March 2015;6(1):158-164.	Indexed in copernicus
13.	Role of short term yoga on pulmonary functions of young and middle aged healthy	3 <sup>rd</sup>	International Journal of	International	IJBAR (2012) 03(04) p.252-255	Indexed in copernicus

	individuals.		Biomedical and Advance Research			s
14.	"Comparative study of rate pressure product in obese women with non obese women."	3 <sup>rd</sup>	International Journal of Biomedical and Advance Research	International	IJBAR (2012) 03(07)	Indexed in copernicus
15.	Reduced pulmonary functions in Type-2 Diabetes and its correlation with duration of diabetes	3 <sup>rd</sup>	International journal of current research	International	Vol.4,Issue 08.pp 150-152.August,2012	Indexed in copernicus
16.	Short-term heart rate variability measure in subjunior athletes and non-athletes	3 <sup>rd</sup>	International Journal of Basic Medical Sciences	International	Vol.3, Issue 3. December 2012.	Indexed in Scopus
17.	Effect of Yoga on short term heart rate variability measure as a stress index in subjunior cyclists: A pilot study	3 <sup>rd</sup>	IJJP	National	IJPP 2013;57(2):81-86	Indexed in pubmed
18.	Alterations in minute ventilation, maximal voluntary ventilation and dyspneic index in different trimesters of pregnancy.	4 <sup>th</sup>	IJJP	National	IJPP 2014;58(1):96-99	Indexed in pubmed
19.	Ageing and pulse wave velocity in relation to serum nitric oxide.	1 <sup>st</sup>	JKIMSU	National	JKIMSU, Vol. 7, No. 1, January-March 2018, page 25-38	Indexed in Scopus
20.	Serum Vascular endothelial growth factor (VEGF) and ageing: Study among urban population of Vijayapur district, Karnataka, India.	1 <sup>st</sup>	JCDR	National	Journal of Clinical and Diagnostic Research. Vol-12(3), March 2018, Page 5-8	Indexed in Scopus
21.	Age and vascular health: A study on male and female participants (age 20 to 70+ years) of Vijayapur city, India with special reference to serum erythropoietin.	1 <sup>st</sup>	JBCPP	International	Under review	Indexed in Scopus and pubmed
22.	Primary concept of nickel toxicity—an overview.	5 <sup>th</sup>	JBCPP	International	Journal of basic and clinical physiology and pharmacology. 2018 Sep 4;30(2):141-52	Indexed in Scopus and pubmed

## AWARDS/ACHIEVEMENTS

- **2019 Received “BEST PAPER AWARD” and First prize for paper presentation in DIACON 2019**
- **2017 Received “GOLD MEDAL AWARD”- at SARS presentation**
- **2016 Received “BEST PAPER AWARD” – at “3<sup>rd</sup> Annual conference of association of Physiologists of India, ASSOPICON 2016, during 14<sup>th</sup> to 17<sup>th</sup> September, 2016 held at Department of Physiology, BLDE University’s, Shri. B.M.Patil Medical college and Research centre, Vijayapur.**
- **2014-2018 University Research fund to pursue Ph.D in Physiology.**

### **ACADEMIC ACTIVITIES**

1. BOS member
2. Annual Time Table preparation for the year 2019-20 as per CBME for Phase-Undergraduates

### **DETAILS OF EXTRA ACADEMIC ACTIVITY**

1. Member of NIRF team
2. Member Incubation center
3. NAAC Criteria III member
4. Member of Tutor ward/Mentor ward system
5. Convocation, Procession committee member
6. Verification officer, retotalling officer at COE section
7. Invigilator, expert at University examination

### **DETAILS OF ANY EXTRACURRICULAR ACTIVITY AT COLLEGE**

1. Literary committee member

### **ACADEMIC AFFILIATIONS**

- **Life-time Member - SARS, (BLDE DEEMED TO BE University), Vijayapur.**
- **Life-time member - NJBMS.**
- **Life-time member – Allumini Association.**
- **Life-time member – Physiological society of India**