

Name: Dr Pallavi Kanthe, PhD

Designation: Assistant Professor

Department: Department of Physiology

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I) Academia:

1) PhD (Medical Physiology) award- in year 2018.

II) Research:

1) **PhD research title:** Effect of ethanolic extract of *Emblica officinalis* (amla) on intermediary metabolism of albino rats fed with hyperlipidemic diet.

2) Obesity as a risk factor for type-2 diabetes mellitus in middle aged women.

3) **BLDE funded project:**

I) Therapeutic effect of *Emblica Officinalis* in enhancing endothelial nitric oxide synthase (eNOS) expression and preventing eNOS uncoupling.

II) Relation between body composition, fat percentage, and lung functions in young individuals.

4) Mentor for Student-short term project

i) Effect of gender on correlation of Hb% with BMI and blood pressure phenotypes in medical students. (Year 2013)

ii) Body mass index, waist circumference as novel predictors for disturbed sleep quality in young obese adults; A questionnaire based study. (Year2018).

iii) Cytomorphometric analysis of exfoliative oral epithelial cells in type 2 diabetic patients. (Year2019).

iv) Daily sitting time and cardio-metabolic health risk in young adults. (Year 2020)

III) PUBLICATIONS:

1. **Pallavi Kanthe***, B. S. Patil, Sumangala Patil, Kusal K. Das. Association of glucose homeostasis measures with heart rate variability (HRV) among hyperlipidemic rat model: protective role of *Emblica officinalis*. BLDE University Journal of Health Sciences - Volume 5, Supplement, December 2020.
2. Bheemshetty S. Patil*, **Pallavi Kanthe²**, R S Bulagoudal, Kusal K. Das. Histomorphometry of thyroid gland in different weeks of gestation. BLDE University Journal of Health Sciences - Volume 5, Supplement, December 2020.
3. **Kanthe P**, Mullur L, Patil SM, Das KK. Tribute to a doyen of physiology in South Asia: Prof. Arif Siddiqui, editorial adviser (medical education), BLDE University Journal of Health Sciences. BLDE University Journal of Health Sciences. 2020 Jan 1;5(1):95.
4. Patil BS, **Kanthe PS**, Reddy RC, Das KK. *Emblica Officinalis* (Amla) ameliorates high fat diet induced alteration of cardiovascular pathophysiology. Cardiovascular & Hematological Agents in Medicinal Chemistry. *Cardiovascular & Hematological Agents in Medicinal Chemistry*, 2019, 17, 52-63. **Indexed in Pubmed, Scopus.**
5. Das KK, Chadchan KS, Reddy RC, Biradar MS, **Kanthe PS**, Patil BS, Ambekar JG, Bagoji IB, Das SN. Effects of some indigenous plants of north Karnataka (India) on cardiovascular and glucose regulatory systems in diabetic rats. Cardiovascular & Hematological Agents in Medicinal Chemistry 2017; 15 (1). **Indexed in Pubmed, Scopus.**
6. **Kanthe PS**, Patil BS, Bagali SC, Reddy RC, Aithala MR, Das KK. Protective effects of Ethanolic extract of *Emblica Officinalis* (amla) on cardiovascular pathophysiology in rats fed with high fat diet. Journal of Clinical and Diagnostic Research 2017 Sep, Vol-11(9): CC05-CC09. **Indexed in Pubmed, Scopus.**
7. **Kanthe PS**, Patil BS, Aithala MR, Das KK. Effect of Ethanolic Extract of *Emblica officinalis* (Amla) on Glucose Homeostasis in Rats Fed with High Fat Diet. JKIMSU, Vol. 6, No. 3, July-September 2017. **Indexed in Scopus.**
8. **Kanthe PS**, Bagali S, Shaikh GB, Patil SM, Patil BS, Aithala MR. Different anthropometric adiposity measures and their association with cardiovascular disease risk factors in middle aged women. Indian journal of Physiology and Pharmacology 2015;59(1):57-62. **Indexed in Pubmed, Scopus.**
9. Potekar R. M. Shankreppa D. Desai, Bheemshetty S. Patil, **Pallavi S. Kanthe**. Effect of ethanolic extract of *Terminalia arjuna* on liver functions and histopathology of liver in albino rats fed with hyperlipidemic diet; International Journal of Pharmacy and Pharmaceutical Sciences, ISSN- 0975-1491 Vol 7, Issue 10, 2015. **Indexed in Scopus.**

10. Shivkumar H, Bheemshetty S. Patil , Shankreppa D. Desai , **Pallavi S. Kanthe** , Potekar R. M. Effect of Ethanolic Extract of *Emblica officinalis* on Histopathology of Kidney and on Biochemical Parameters in Hyperlipidemic Albino Rats; JKIMSU, Vol. 4, No. 3, July-September, 2015. **Indexed in Scopus.**

11. Pallavi S. Kanthe, Bheemshetty S. Patil, Gouhar Banu Shaikh. Association between Central Obesity Parameters and Blood Pressure Phenotypes: Study among Women. Int J Pharm Bio Sci 2015 July; 6(3): (B) 355 – 361. **Indexed in Scopus.**

12. PS Kanthe, BS Patil, S Bagali, A Deshpande, GB Shaikh, M Aithala. Atherogenic index as a predictor of cardiovascular risk among women with different grades of obesity. International journal of collaborative research on internal medicine & Public health 2012:Vol 4. **Indexed in Scopus.**

13. Pallavi Shantkumar Kanthe, Bheemshetty S Patil, Jyoti P Khodnapur, Shrilaxmi C Bagali. Comparative study of rate pressure product in obese women with non obese women; International journal of biomedical and advanced research, 2012; 03 (07).**Indexed in Copernicus.**

14.Gouher Banu S, Anita D, **Pallavi K**, Lata M. A Comparative study of Lung functions in Type 2 Diabetes and Non- Diabetes Subjects. International journal of biomedical and advanced research 2012;03(08).**Indexed in Copernicus.**

Sr No		
1	Google scholar citations	87
2	Google scholar h-index	05
3	Google scholar I10 index	02
4	Scopus citations	37
5	Scopus h-index	3
6	Research gate score	7.43

IV) Awards/ Achievements:

1. Won **Merit of Certificate for Best Poster presentation on Research Day on 20 July**

2020 for research paper entitled ‘Normalised wall index(NWI) as a predictor of

endothelial dysfunction in hyperlipidemic rat model; protective role of *Emblica officinalis*'.

2. Won '**Best Paper Award**' for Oral Presentation, at 3rd ASSOPICON, 14th-17th Sept 2016, Shri B M Patil Medical College, Bijapur.

V) Academic activities:

- a). Member Secretary, BLDE (DU)'s UGC Jeevan Kaushal (Curriculum for Life Skills) committee
- b) Deputy Editor of BLDE University Journal of Health Sciences.
- c) Member of BLDE DU's Mentor- wards system.
- d) Assistant co-ordinator for Simulation Lab, SBMPMC,BLDEDU, Vijayapur
- e) Programme officer for NSS Advisory Committee,BLDE(DU)
- f) Member for Departmental NAAC Criteia III and VI.
- g) Member for stage committee of Convocation.
- h) Co-ordinator to the International symposium on 'Hypoxia' 2019, organized by Department of Physiology, Shri B M Patil Medical College, Vijayapur.

VI) Academic affiliations:

- 1) Life member of The Physiological Society of India.
- 2) Life member of Scientific Academic Research Society, BLDE (DU), Vijayapur
- 3) Member of Laboratory of Vascular Medicine and Physiology, Dept of Physiology, Shri B M Patil medical college, Vijayapur.

VII) Area of research work: Experimental Physiology, Phytochemistry and animal stroke model.