

Department of Physiology, Yenepoya Medical College, A Constituent Unit of Yenepoya (Deemed to be University), Mangalore

Publications (from 2012 till date): The department faculty have numerous publications in various national and international journals of repute with the number of citation index (WOS) 1.27, H index 2 and total citation 14. (Annexure 2)

Annexure 2

DEPARTMENT OF PHYSIOLOGY

PUBLICATIONS

Sl. No.	Publications
2009	
1	Rao PP, Aswini Dutt R, Anil K, Dhananjaya S, Hasan F. "Sex as a cure for Insomnia" Journal of Medical Hypotheses. 2009
2	PP Jagadish Rao, Jagadish Sowmya, K. Yoganarasimha, Ritesh G. Menezes, Tanuj Kanchan and R. Aswinidutt. Estimation of Stature from Cranial sutures in a south Indian male population. International Journal of Legal Medicine. 2009
2010	
1	Aswini Dutt R, Ramaswamy C, Niranjana murthy HL, Satish Kumar NS, Shankar Bhat K. Do hypertensives have a tendency for lesser hemoglobin concentration? National Journal of Basic Medical Sciences. 2010
2011	
1.	Kalpana B, Shenoy JP, Bhat SK, Bhat MB, Shivakumar J, Pai PG. Lung function changes in young obese women – a harbinger for graver outcomes. IJABPT 2011; 2(4):104-109.
2	Aswini Dutt R, Satish Kumar NS, Ramaswamy C, Ramesh Bhat M, Niranjana Murthy HL. A Comparative study of Blood Pressure, Heart Rate Variability and Metabolic risk factors in Software professionals. National Journal of Physiology, Pharmacy and Pharmacology. 2011
3	Aswini Dutt. R, NS Satish Kumar and Sandhya K. Hemraj. The Rationale behind wearing strings of Jasmine flower by the lactating South Indian Women. Iranian Journal of Medical Hypotheses and Ideas. 2011
4	Satish Kumar NS, Aswini Dutt R, Neevan D'souza, Shankar Bhat K, Sandhya K Hemraj. A study of meat consumption on cardio-metabolic risk factors in pre-menopausal

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	type-2 diabetic patients. National Journal of Physiology, Pharmacy and Pharmacology. 2011
5	Satish Kumar NS, Aswini Dutt R, Jagadish Rao PP. Consumption of “Stressed milk” resulting in “Stressful child”. Iranian Journal of Medical Hypotheses and Ideas. 2011
6	Satish Kumar NS, Aswini Dutt R, Maruthy KN, Dinakar Nadig, Neevan D R Dsouza. A simple method of demonstrating cell sizes to life sciences students. National Journal of Basic Medical Sciences. 2011
2012	
1.	Aswini Dutt, Satish Kumar, Shankar Bhat , Bhima Bhat, Neevan DR D S’ouza. Effect of meat consumption on glycemic control, obesity and blood pressure in patients of type 2 diabetes. Journal of Clinical and Diagnostic Research. 2012
2	Satish Kumar NS, Aswini Dutt R, Sandhya KH, Shankar Bhat. K, Bhima Bhat M. Phase angle measurement in healthy human subjects through bio-impedance analysis. Iranian Journal of Basic Medical Sciences. 2012
3	Nayanatara AK, Alva A, Kottari S, Soofi AA, Rejeesh EP, Bhagyalakshmi K, Shetty SB, Kini RD, Pai SR. Effect of Cynodon Dactylon extract on estrous cycle and reproductive organ in female Wistar Rats. IJAPBS 2012
4	Nayanatara AK, Kottari S, Alva A, Soofi AA, Rejeesh EP, Bhagyalakshmi K, Shetty SB, Pai SR. Effect of aqueous extract of cynodon dactylon on reproductive hormones and reproductive organ weight of female Wistar rats. IJBPAS 2012
2013	
1	Bhima Bhat M, Jnaneshwara P Shenoy, Aswini Dutt R, Satish Kumar NS, Kalpana B, Shankar Bhat K, Udayshanker Shet. Influence of dietary habits on blood pressure in preadolescent boys of Coastal Karnataka. National Journal of Physiology, Pharmacy & Pharmacology
2	Kalpana B, Shenoy J, Kumar J S, Bhat S, Aswinidutt R. Study of sympathetic nerve activity in young Indian obese individuals. Arch Med Health Sci. 2013
3	Padmini T, Vinutha Shankar MS, Nachal Annamalai, Aswini Dutt, Harish Karanth. Can anxiety among traffic policemen affect their heart rate variability? International Journal of Current Research. 2013
4	Grrishma B, Gaur GS, Velkumary S, Gurunandan U, Aswini Dutt, Dinesh T. Comparison of hand and foot reaction times among females- a methodological study using recognition auditory reaction time. International Journal of Current research. 2013
5	Kahkashan A, Shivakumar V. Evaluation of specific airway conductance and flows in assessing bronchodilator responsiveness in obstructive airway disease by body plethysmography. National journal of basic medical sciences 2013

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6	Chatterjee PK, Vinodini N, Singh R, Rakshatha R, Soofi AA, Pai SR. Effect of Moringa oleifera leaf extract on cadmium induced renal toxicity in adult Wistar Albino rats. British Journal of Education, Society and Behavioral science 2013
7	Vinodini NA, Chatterjee PK, Rakshatha R, Singh RR, Soofi AA, Kini RD, Pai SR. Role of Moringa oleifera leaf extract in protecting cadmium induced testicular damage in male Wistar Albino rats. The Journal of Free Radicals and Antioxidants 2013
8	Chatterjee PK, Vinodini NA, Soofi AA, Nayanatara AK, Pai SR, Suman VB. Hypolipidemic effect of Moringa oleifera leaf extract in cadmium exposed rats. International Journal of Innovative Research in Science, Engineering and Technology 2013
2014	
1	Aswini Dutt.R, Bangera S. Dietary influence on the cardio-metabolic parameters among geriatric patients of type 2 diabetes. International Physiology 2014
2	Vikram S, Jagadish Rao Padubidri , Aswini Dutt R. A rare case of persistent metopic suture in an elderly individual- Incidental autopsy finding with clinical implications. Arch Med Health Sci 2014
3	Aswini Dutt.R, Satish Kumar NS, Vinod Pallath, Jagadeesh rao Padubidri, Neevan DR D S'ouza, Shankar Bhat K. Attitudes driving the selection of medical career and preexisting knowledge regarding curriculum among the first year medical students. Journal of Research in Medical Education and Ethics
4	Aswini Dutt R, Sampritha Chandra, Siddharudha Shivalli, Jagadeesh Rao Padubidri, K Shankar Bhat. Work related stress in middle aged white collar workers: Focus on cardiometabolic parameters. International Journal of basic and applied physiology.
5	Dutt RA, Shivalli S, Bhat MB, Padubidri JR. Attitudes and perceptions toward rural health care service among medical students. Medical Journal of Dr. DY Patil University. 2014 Nov 1;7(6):703.
6	Bhima Bhat, Aswini Dutt R, Siddharuda Shivalli. Cardiopulmonary assessment of middle aged males at high altitude and its correlation with exercise. International Journal Of Scientific Research 2014; Mar:3(3).
7	Satish Kumar NS, Dutt A, Sandhya Hemraj K, Shet Udayshanker B. Effect of duration of diabetes on cardio-metabolic risk factors in red meat consuming type two diabetic females on oral hypoglycemics. Diabetes;6:10.
8	Kumar NS, Hemraj SK, Dutt RA. Phase angle measurement in pulmonary tuberculosis patients and control subjects using bio-impedance analysis. Indian J Tuberc. 2014
9	Padmini T, Harish K, Aswini Dutt R, Shankar KB, Grrishma B, Shobith B. A Cross-Sectional Study of the Impact of Sleep Deprivation on Academic Performance in Medical Students of Dakshina Kannada. International Physiology. 2014

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10	Grrishma B, Gurunandan U, Gaur GS, Shobith Bangera, Aswini Dutt R, Dr. Dinesh T. A comparative study on visual choice reaction time for different colors in females. <i>Neurology Research International</i>
11	Jagadish Rao Padubidri, Sanmath Shetty, M. Chakrapani, R. Aswini Dutt. Curse of the “occult gases” in fish meal industry: “Lessons to learn”. Case report <i>Muller’s Journal of Medical Science and Research</i> . Muller Journal of Medical Science and Research. 2014
12	Kumar LR, Grrishma B, Umarani J, Soofi AA, Pinto K, Chavan KR, Aranha PR, D’souza RP. Community outreach program on healthy weight week to create awareness on the influence of behavioral factors on body mass index in school children. <i>International Journal of Applied Biology and Applied Pharmaceutical Technology</i> 2014
2015	
1	Anbarasi M, Rajkumar G, Krishnakumar S, Rajendran P, Venkatesan R, Dinesh T, Mohan J, Venkidusamy S. Learning style-based teaching harvests a superior comprehension of respiratory physiology. <i>Advances in Physiology Education (American Physiological Society Journal)</i> .2015;39(3) 214-217.
2	Nachal Annamalai, Rajajeyakumar Manivel, Rajendran Palanisamy. Small group discussion: Students perspectives. <i>International Journal of Applied and Basic Medical Research</i> .2015; 5:18-20
3	Kumar LR, Bangera S, Thalenjeri P. Introducing innovative crossword puzzles in undergraduate physiology teaching- learning process. <i>Archives of Medicine and Health Sciences</i> 2015; 3(1):127.
4	Joy AE, Thalenjeri P, Manikkoth S. Anticonvulsant activity of <i>Moringa oleifera</i> in Swiss albino mice. <i>Int J Appl Biol Pharm</i> 2015;6(2):140-146.
5	Deepa B, Anu E Joy, Shyamjith Manikkoth. Effect of <i>Phyllanthus amarus</i> on haloperidol induced catalepsy in experimental animal models. <i>Int J Appl Biol Pharm</i> . 2015;6(3):199-203.
6	Kumar NSS, Pavana K, Dutt RA. A correlative study of red meat consumption and cardio metabolic risk factors in young and aged female patients of type 2 diabetes. <i>Indo Am. J. Pharm. Sci</i> , 2015; 2(8): 1141-1146.
7	Grrishma B, Gaur GS, Chaturvedula L, Velkumary S, Subramanian SK, Gurunandan U. Assessment of Cardiovascular Autonomic Functions and Baroreceptor Reactivity in Women with Premenstrual Syndrome. <i>Indian J Physiol Pharmacol</i> 2015;59(2):148–154.
8	Damodar D, D’Souza UJ, Bhat S. Protective role of Vitamin E: on diazinon-induced hepatotoxicity by biochemical and histological alterations in Wistar rats. <i>Natl J</i>

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	Physiol Pharm Pharmacol. 2015;5(5):398-406.
9	Kahkashan A, Shivakumar V. Effects of traffic noise around schools on attention and memory in primary school children. International Journal of Clinical and Experimental Physiology. 2015 Jul 1;2(3):176.
2016	
1.	Soudhabi HKS, Bhat B, Anees S, Bangera S. Assessment of nutritional status in children of an orphanage. Indian journal of clinical anatomy and physiology(IJCAP).2016;4(2):
2.	Uttam Barick, Arun Gowda, Rituraj Mohanty, Aswini R. Dutt, Manu Somanath, Sakshi Mittal, Anand Patil. Harnessing real world data from wearables and self-monitoring devices: feasibility, confounders and ethical considerations. MEFANET Journal 2016;4(1):44-49.
3.	Anbarasi M, Rajendra P, Rajkumar G, Sureshbalaji RA. R R variability during deep breathing as a diagnostic marker of cardiac autonomic neuropathy in type 2 diabetes. National Journal of Physiology 2016;1(4):3-8.
4.	Rashmi KS, Bhat B, Maynavar S, Ganaraja B. Does Orexin B infused into nucleus accumbens affect open field activity in Wistar rats? Res J Pharm Biol Chem Sci. 2016;7(5):2166.
5.	Thalanjeri P, Inasu E, Dutt AR, Bangera S. A cross-sectional study of impact of lifestyle determinants on middle-aged male diabetic patients. International Journal of Medical Science and Public Health.2016 2016;5(07):1345-49
6.	Dutt RA, Bangera S, Chandra S. Hematological manifestations of occupational stress: A cross sectional study on middle aged bank employees. Indian Journal of Clinical Anatomy and Physiology 2016; 3(1):16-20.
7.	Karant H, Thalanjeri P, A retrospective study of morbidity pattern in geriatric women of coastal Karnataka International Journal of Medical Science and Public Health. 2016; 5(10): 2146-49.
8.	Thalanjeri P, Karant H, Shankar VMS, Kutty K, Impact of Iron deficiency anemia on cognition of school children of south India Indian Journal of Clinical Anatomy and Physiology 2016;3(2):135-38.
9.	Padubidri JR, Rao SJ, Dutt A, Shetty BSK and Bloor A. Psychological Autopsy- Unraveling the Mystery of Death. Austin J Forensic Sci Criminol. 2015;2(3): 1025.
10.	R. Aswini Dutt ¹ , Bhima Bhat Manippady ¹ , Shobith Bangera ¹ , Prakash Paneerselvam, James Gonsalves. Interplay of “rest,” “internet,” and “diet” and on academic performancemedical students’ perspective; National Journal of Physiology, Pharmacy and Pharmacology 2016;6(6):586-590.

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11.	Ismail IM, Kahkashan A, Antony A, Sobhith VK. Role of socio-demographic and cultural factors on anemia in a tribal population of North Kerala, India. Int J Community Med Public Health 2016
12.	Ismail IM, Azeez K, Antony A, Kunnummal SV. Metabolic syndrome and its associated factors among the adult population residing in Kannavam tribal area of Kannur District, Kerala. Trop J Med Res 2016
2017	
1.	Aswini Dutt R, Jagadeesh Rao PP. How to write discussion in a manuscript? How to conduct good research and publish in the Journal of Internal medicine; Research, Reviews, Reports, an official publication of Association of Physicians of India 2017;5(1):58-61.
2.	Aswini Dutt R, Tejaswini VK, Bangera S. Does Present Lifestyle Affect the Health Status among Productive Workforce and Menopausal Women? International Physiology 2017;5(2):61-68.
3.	Anoop Gowda, Aswini Raghavendra Dutt, Shobith Bangera. Does Selection and Management of Patients with Chronic Kidney Disease In Government Run and Private Hospitals Differ? Journal of Clinical and Diagnostic Research. 2017 Aug, Vol-11(8): OC25-OC28.
4.	Ahrsia Valavoor Fathima, Aswini R Dutt, Shankar K Bhat, Bhima Bhat, Ahris Valavoor Fakruddin. A comparative study of handgrip strength among sedentary and non-sedentary workers. National Journal of Physiology, Pharmacy and Pharmacology. 2017;7(3):265-268.
5.	Thalanjeri P, Shankar V, Kutty K, Dutt A. Effect of Tobacco Smoking; Pre and Post Cessation on Autonomic Functions Among Health Science Professionals; An Interventional Study. Indian J Physiol Pharmacol 2017;61(2):128-33.
6.	Thalanjeri P, Fathima A. A hospital based case-control study on risk factors of breast cancer among patients of coastal Karnataka. International Physiology 2017;5(2):115-120.
7.	Aswini Dutt R, Shobith Bangera, Varun N, Jagadeesh Rao Padubidri. Change in learning preferences from pre-clinical to clinical course of undergraduate medical students – A Longitudinal Study. Indian J Physiol Pharmacol 2017;61(1):65-69.
8	Azeez K, Veeraiah S. A study on relationship between hypertension and cognitive performance. Indian Journal of Clinical Anatomy and Physiology. 2017 Jul;4(3):340-3.
9	Kahkashan A, Ismail IM. Blood pressure pattern and hypertension rates among selected tribal population of Kerala. National Journal of Physiology, Pharmacy and Pharmacology. 2017;7(6):577-81.
2018	

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1	Kumar, SNS. Aswini Dutt R, Hemraj, SK, Shet UB, D S'ouza NDR. Can parents' profession influence the attitude and competency among the first year medical students? South-East Asian Journal of Medical Education 2018;12(2):45-50.
2	Grrishma Balakrishnan, AnaswaraSree, Shobith Bangera, Aswini Dutt, Padmini Thalanjeri, Kalpana B. Lifestyle risk factors for coronary artery disease among young male patients of urban and rural Dakshina Kannada - A cross-sectional study. National Journal of Physiology, Pharmacy and Pharmacology 2018;8(3):300-4
3	SharmaVK, Dinesh T, Rajajeyakumar M, Grrishma B and Bhavanani AB. Impact of Fast and Slow Pranayam on Cardio Vascular Autonomic Function among Healthy Young Volunteers: Randomized Controlled Study. Altern Integr Med 2018;7:2
4	Harish Karanth, Raveendra US, Ritesh B Shetty, Pramal Shetty, Thalanjeri P. Comparative evaluation between sevoflurane and propofol for endotracheal intubation without muscle relaxants in pediatric cleft surgeries. Anaesthesia Essays and researches 2018;12(2):434-39.
2019	
1.	Aswini Dutt R, Bangera S, Padubidri JR. Awareness of lifestyle modifications among high stress professionals prone for "cardio-metabolic derangement. International Physiology 2019;7(3):96–103.
2.	Jeevan Pereira, Dutt RA, Jayapalan E. Outcome of triage results between two groups of interns subjected to different model of simulation. International Journal of Research in Orthopaedics 2019;5(5):805-810.
3.	Rahiman NBA, Bangera S, Hameed SS. Assessment of serum lipid profile and electrolyte levels in Type II diabetes mellitus – A comparative study based on glycosylated hemoglobin levels. Natl J Physiol Pharm Pharmacol. 2019;9(7):617-620.
2020	
1.	Dutt RA. Can technology in a multipronged approach be effectively utilized in implementing a competency based undergraduate curriculum? Indian J Physiol Pharmacol 2020; 64 (Suppl_1):1-3.
2.	Aswini Dutt R, Jain R, Bangera S. An integrated simulation-based early clinical exposure module in cardiovascular physiology. Indian J Physiol Pharmacol 2020;64(2):147-54.
3.	Nabeel Beeran Abdul Rahiman, Shobith Bangera. Frequency Domain Analysis of Heart Rate Variability In Type II Diabetes Mellitus: A Comparative Study Indian Journal of Applied Research; 2020;10(6).71-72
4.	Kalpana B, Grrishma B, Padmini Thalanjeri, Shobith Bangera. Stress Levels and its perceptive gender differences among generation Z undergraduate health professional students. International Physiology 2020; 8(1):13-20.

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5.	Ahrsia Valavoor Fathima, Aswini Dutt R. Can Age at Menarche be Associated with Premenstrual Psychological Symptoms? 2020; 8(2):47–50.
6.	Prema Saldanha, Padmini Thalanjeri. Role of the Librarian in Today's Health Care Setting – The Clinical Medical Librarian 2020;8(2):57–60.
2021	
1.	Saldanha P, Thalanjeri P Use of Library and E-Resources by the Indian medical Researcher. MGM J Med Sci 2021;8:141-5.
2.	TP Begum J, Ali SI, Lalitha DL, Panda M, Avinash B. Doctors on duty: the real-life heroes during pandemic: Your opinion matters!!!.Indian J Comm Health 2021;33(2):386-390.
3.	Foong CC, Khairul Anhar Holder NA, Dutt AR, Mohd Fadzil H. An intervention to remediate unprofessional behaviours of pre-clinical medical students. Education in Medicine Journal. 2021;13(2):83–90.
4.	Manavalan V, Aswini Dutt R, Harishchandra B, Nirgude A. Continuum of Surgical Skill Acquisition for the Postgraduate Residents During COVID Pandemic: Role of Advanced Simulators in a Multipronged Modular Approach. Indian Journal of Surgical Oncology. 2021 Dec;12(2):270-8.
2022	
1.	Thalanjeri P, Gowda K, Balakrishnan G, Kalpana B, Dutt A, Govindan S, Chaudhury D, Bangera S. Development and Evaluation of a customized yoga module to alleviate stress among the employees of a Deemed to be University of coastal Karnataka, India. Journal of Interprofessional Education & Practice. 2022 Mar 1;26:100493.
2.	Thalanjeri P, Jain R. Approach to Delivering an Effective Self Directed Learning for Medical Undergraduates: The Indian Scenario. Adv Med Ethics J. 2022;8:005