

Department of Physiology; Annexure 1 Publications

Sr. No	Name of the Faculty	Publication in Vancouver Referencing Style	PUBMED Indexed (Yes / No)	SCOPUS Indexed (Yes / No)	Any Other Indexed as per NMC Norms - Medline, Citation index, Sciences Citation index, Expanded Embase, Directory of Open access journals (DoAJ)
1	Dr. Dhangauri Narayan Shenvi	<ol style="list-style-type: none"> 1. Namita, Din Prakash Ranjan, Dhangauri N. Shenvi. A comparative study of auditory and visual reaction time in males and females staff during shift duty in the hospital. Biomedical Research 2010; 22(2): 04-06 2. Namita, Din Prakash Ranjan, Dhangauri N. Shenvi. Effect of shift working in reaction time in hospital employees. Indian journal of physiology and pharmacology 2010; 54(3):289-93. 3. Dr. Shirin Bashir Attar, Dr. Dhangauri Shenvi. The study of emotional intelligence and perceived stress in first year MBBS students. Paripex - Indian journal of research 2017; 6(11): 19-21 4. Short Communication: A comparative study of auditory and visual reaction time in males and females. Indian journal of physiology and pharmacology 1994; 3:229-231. 5. Anita Agrawal, Chetan Rajput, D N Shenvi. "A study of the use of Forced Oscillation Technique in the evaluation of COPD patients: Analysis of different parameters and utility compared with Spirometry". Indian Journal of Applied Research 2017; 7(12): 106-108. 6. Shital M Mankar, Geeta J Jagia, D N Shenvi et al. Comparison of physical fitness index and maximal aerobic capacity pre and post stair case climbing. International Journal of Physiology 2018; 6(3):54-59. 7. Dr Aritra Sanyal, Dr Maneesh Kumar, Dr D. N. Shenvi. Comparison of FEV1/FVC between train drivers and taxi drivers in a metropolitan city. Global journal for research analysis 2020; 9(7): 1-4. 8. Anita Agrawal, Chetan Rajput, Vivek Nalgirkar, DN Shenvi and AmitaAthavale. "Assessment of respiratory muscle strength using Maximal Inspiratory Pressure and Maximal Expiratory Pressure in patients with Chronic Obstructive Pulmonary Disease: A study on Indian population". International Journal of Scientific Research 2019; 8(1): 1-2. 9. Mankar SR, Shenvi DN, Hegde GR et al.Promotion of stair climbing exercise in medical students to achieve physical fitness with student's normal routine. Int J Health Sci Res. 2015; 5(9):254-259 	Yes	Yes	-----
			No	Yes	-----
			No	No	Citation index
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		<p>10. Deepa R. Nair, Rupali U. Magare, Dhangauri N. Shenvi. Correlation Between Borg's Rate Of Perceived Exertion And VO2max in Indian Male Medical Students IJBAP 2012; 1(1): 53-55.</p> <p>11. Dr Arun Kumar, Dr. Dhangauri N. Shenvi. Improvement in quality of sleep and life in elderly subjects Post moderate aerobic activity IJPP 2013; 57(5) 37.</p>	Yes	No	-----
			No	Yes	-----
2	Dr. Amit Navare	<p>1. Angane E, Navare A. Effects of Aerobic Exercise on Maximum Oxygen Uptake VO2max in Healthy Adults. International Journal of Scientific Research. May 2015; 4(5):3-5.</p> <p>2. Angane E, Navare A. Effects of Aerobic Exercise on Pulmonary function tests in Healthy Adults. International Journal of Research in Medical sciences .June 2016;4(6):2059-2063</p> <p>3. Angane E, Navare A. Comparison of Peak Expiratory Flow Rate(PEFR) in Obese and Non-Obese Individuals in Age group of 18-25years. International Journal of Health Sciences and Research May 2016; 6(5):107-111.</p> <p>4. Bhongade M, Navare A. The study of cardiovascular sympathetic reactivity in prehypertensives with normal and higher BMI. Int J Res Med Sci 2017; 5: 1033-1038.</p> <p>5. Mangala Bhongade, Navare A. Effect of prehypertension on cardiovascular parasympathetic reactivity in adults with normal and higher BMI. Indian Journal of Basic and Applied Medical Research; June 2017: Vol.-6, Issue- 3; 248-256</p>	No	No	Citation index
			No	No	-----
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3	Dr. Lalit Nikam	<p>1. Sanyal Aritra, Nikam Lalit H, Comparison of Montreal cognitive assessment score between young and old taxi drivers working in Mumbai, Indian journal of Applied Research, vol 8,issue 4,April 2018</p> <p>2. Sanyal Aritra, Nikam Lalit H, Effect of air pollution on peak expiratory flow in Taxi drivers and Train drivers working in Mumbai, International journal of scientific research, Vol 7, issue 6, June 2018</p> <p>3. Godia Haresh D,Nikam Lalit H, Anthropometric assessment of nutritional Status of Medical students (Adolescents), International Journal of innovative research in Medical Science (IJIRMS), volume 3, issue 2, February 2018</p> <p>4. Godia Haresh D,Nikam Lalit H, Relation of BMI and Body Fat percentage with nutritional status of adolescents, International journal of innovative research in Medical Science, (IJIRMS), volume 3, issue 1, January 2018</p> <p>5. Godia Haresh D,Nikam Lalit H, Relationship between Blood pressure and Nutrition in Adolescents, International journal is innovative research in medical science, vol 3 ,Issue 2, February 2018</p> <p>6. Bagade Angesh H,Bhonde Megha S, Nikam Lalit , Cardiac response to exercise</p>	No	No	Citation index
			No	No	Citation index
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		<p>determined by physical fitness index in young obese and normal weight medical students, Indian journal of Basic and applied Medical Research, vol 4,Page 389-393, March 2015</p> <p>7. Nikam Lalit H,Galphade Smita, Effect of body fat percentage on expiratory reserve volume (ERV) in young Indian adults, Unique journal of Medical and Dental Sciences (UJMDS), vol 1,issue 3, page no 72-75,July-September 2014</p> <p>8. Nikam Lalit H,Galphade Smita, Effect of body fat percentage on peak expiratory flow rate (PEFR) in young adults in Indian population, Indian Journal of Applied Basic Medical Sciences (IJBAMS) , volume 16, issue 22, page no. 51-58,2014</p> <p>9. Kumbhar Amruta Nitin,Nikam Lalit H, Cardiovascular autonomic response in children with parental history of diabetes mellitus : A comparative study, Medpulse,volume 2, issue 3, page 23, March 2015</p>	No	No	-----
4	Dr. Munira Hirkani	<p>1. Kamini Nikam, Munira Hirkani.Effects of Chalk dust on Peak Expiratory Flow Rate in School Teachers. Int J Med Health Sci. Oct 2013,Vol-2;Issue-4, http://www.ijmhs.net ISSN:2277-4505</p> <p>2. Nitin Dhokane, Anupkumar Dhanvijay, Arbind Choudhary, Munira Hirkani. Effect of circadian rhythm on peak expiratory flow rate in healthy young adults.Int J Biol Med Res. 2015;6[4]:5243-5248</p> <p>3. Dr. Jeetendra Yogi, Dr. Munira Hirkani. Effect of sleep deprivation on audio-visual reaction time in resident doctors – a measure of task performance. Indian Journal of Basic and Applied Medical Research; March 2016: Vol.-5, Issue- 2 ; 29-35</p> <p>4. Hirkani MA, Yogi J. Effect of sleep deprivation on finger dexterity in resident doctors. Natl J Physiol Pharm Pharmacol. 2017; Vol-; 7 Issue-7 697-700</p> <p>5. Kamini Nikam, Munira Hirkani. Sex differences in effects of cognitive stress on working capacity in adults. Applied Anatomy and Physiology digest March 2017(1)04, 9-17</p> <p>6. Hirkani M, Supe A. Technology Enhanced Learning in Undergraduate Health Professions Education: An Indian Perspective. Journal of Education Technology in Health Sciences, May-August 2018;5(2):69-79</p> <p>7. Smita J. Mokal, Munira Hirkani et.al. Study of Pain Perception in Different Phases of Menstrual Cycle. International Journal of Medical Research Professionals, Nov 2018;4(6):114-117</p> <p>8. Yogi and Hirkani. Effect of Sleep Deprivation on Postural Control in Resident Doctors.International Journal of Health and Clinical Research, 2021; 4(1):166-169</p>	No	No	-----
			No	No	Index Copernicus (2015)
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6	Dr. Venkatesh Rathod	<ol style="list-style-type: none"> 1. Jiwtoode MT, Rathod VR. Effect of integrated yoga module on respiratory pressures and pulmonary functions in children. Int J Res Med Sci 2015;3: 3548-52. 2. Venkatesh R Rathod, Manoj T Jiwtoode. Effect of 4 months yoga training on handgrip strength and handgrip endurance in children at Nagpur. Int J Med Sci Public Health 2016;5:2209-2211 	No	No	-----			
7	Dr. Sharad Patel	<ol style="list-style-type: none"> 1. Yogita D Sulaxane, Sharad G Patel. Inter-relationship of various factors and risk of Coronary Heart Disease in young adults. Journal of Recent Trends in Science and Technology March 2015; 14(2): 416-41 2. Sulaxane YD, Patel SG. Cyclic fluctuation of bleeding time and clotting time in various phases of menstrual cycle. Natl J Physiol Pharm Pharmacol 2015;5:328-332. 3. Yeole Rakesh, Patel Sharad. Comparative Study of Auditory and Visual Reaction Time in Patients of Type 2 Diabetes Mellitus on Allopathic Treatment and in Healthy Controls. Scholars Journal of Applied Medical Sciences, 2017; 5(1B): 91-94. 4. Yeole Rakesh and Patel Sharad.2017, Correlation Between Body Mass Index & Waist Circumference With Blood Pressure Indices In Healthy Adolescents. Int J Recent Sci Res. 8(1), pp. 15142-15144. 5. Patel S, Naik A. Correlation between blood pressure and five food groups as a coronary heart disease risk factor in middle aged Indian male population. Int J Res Med Sci 2017;5:636-8. 6. Dr Shivani Agrawal Dr Sharad Patel. Effect of Long-term smoking on hand steadiness – An observational study on chronic smokers between the ages of 25 to 60 years. Paripex - indian journal of research Volume-7 Issue-6 June-2018; 29-30 7. Dr Shivani Agrawal Dr Sharad Patel. Effect of long term smoking on Manual Dexterity – An observational study on chronic smokers between the ages of 25 to 60 years. Indian journal of applied research. Volume-8 Issue-6 June-2018; 73-75 8. Dr Shivani Agrawal Dr Sharad Patel. Effect of long term smoking on Postural stability – An observational study on chronic smokers between the ages of 25 to 60 years. International Journal of Scientific Research; Volume-7 Issue-7 July-2018; 30-31 	No	No	-----			
		Citation index			-----			
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		Citation index	8	Dr. Anita Agrawal	<ol style="list-style-type: none"> 1. "Respiratory Muscle Strength Performance in Assessment of COVID-19 Patients Following Infection Agrawal A, Nalgirkar V (2020). J Emrg Trauma care. Vol.5 No.2:21 	Yes	No	-----

		<p>2. "Assessment of respiratory muscle strength using Maximal Inspiratory Pressure and Maximal Expiratory pressure I Chronic Obstructive Lung disease : A study of India population Anita Agrawal et al. Published article in Interanational Journal of Scientific Research Volume-8 Issue-4 April-2019 page 20-21.</p> <p>3. 3 "A study of the use of Forced Oscillation Technique in the evaluation of COPD patients: Analysis of different parameters and utility compared with Spirometry" Anita Agrawal, Chetan Rajput et.al., Published article in Indian Journal of Applied Research, page no. 106-108, Vol 7, Issue 12, December 2017.</p> <p>4. "Comparative Study of mechanical lung function measurements in COPD patients – A pilot study" Anita Agrawal et.al. Published in Rajiv Gandhi university Journal of Health Sciences page no 7-11, vol. 7, Issue 1, Jan 2017</p> <p>5. 5."Unearthing DNA's riches-The human genome": Dr. Anita Agrawal. Published in Medicine Update, Journal of Continuing Education for Practising Physicians. Vol. 8, No. 7, Nov. 2000, 400-401.</p> <p>6. "A 500 MHz Proton NMR study of Stacking Interactions : Binding of Tripeptide Lys-Tyr-Lys to Tetradeoxynucleotide d-GCGC". : R. Barthwal, A. Mujeeb, S. Kukreti, Anita Gupta and G. Govil. Published in Journal of Molecular Recognition Vol 4, 1991, 45-52.</p> <p>7. "Effect of anion channel blockers on L-Arginine action in asthenospermic human spermatozoa", by Srivastava Sudha; Agarwal, Anita Andrologia 41, 1-7 2009</p>	No	No	-----
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9	Dr. Manish Dhadse	<p>1. Dhadse MD, Fadia AD, Effect of Anulom Vilom Pranayam on auditory reaction time in Indian population aged 18-22 years. International Journal of Research in Medical Sciences. Int J Res Med Sci. 2016 Mar;4(3):891-895.</p> <p>2. Dhadse MD, Fadia AD, Effect Of Anulom Vilom Pranayam On Visual Reaction Time In Young Adults Of Indian Population. International Journal of Basic and Applied Physiology IJBAP. 2013. IJBAP Vol. 2 Issue 1:57-62.</p> <p>3. Galphade SP, Dhadse MD, Effect of Body Fat Percentage on Peak Expiratory Flow Rate(PEFR) in young adults of Indian Population. Indian Journal of Applied Basic Medical Sciences. IJABMS. Year 2014, Volume-16a, Issue-22 (January) 51-58.</p> <p>4. Fadia AD, Dhadse MD, A comparative study of static pulmonary function tests in Indian pregnant and non-pregnant women. International Journal of Medical Science and Public Health. IJMSPH. Int J Res Med Sci. 2016 Feb;4(2):545-548.</p> <p>5. Fadia AD, Dhadse MD, A comparative study of dynamic pulmonary function tests in Indian pregnant and nonpregnant women, International Journal of Medical Science and Public Health, IJMSPH. Int J Med Sci Public Health. 2016; 5(10): 2114-2111.</p>	No	No	-----
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		CK-MB and troponin I is better marker than BNP, CK-MB or troponin I as independent isolated markers. Int J Health Sci Res. 2013; 3(11):97-102.			
11	Dr. Samadhan Mitkari	1. Samadhan P. Mitkari, Pushpa A. Pazare , Sachin M.Pawar Autonomic dysfunction in patients with bronchial asthma. Int J Biol Med Res. 2011; 2(4): 852- 855	No	No	DOAJ
12	Dr. DevendraPatil	1. Devendra M. Patil, Satish Mali, Shivraj P. Manaspure, Jayashree V. Gadkari. Physical fitness index as a measure of cardiovascular endurance in swimmers and nonswimmers. IJBAR (2012) 03(01) ; 17-20	No	No	Index Copernicus
		2. Devendra M. Patil, Shivraj P. Manaspure, Jayashree V. Gadkari. Resting heart rate as a measure of cardiovascular endurance in swimmers and non-swimmers. April 2012 ; Research Journal of Pharmaceutical, Biological and Chemical Sciences 3(2):147-152	No	No	EMBASE
		3. Patil D M, Mali S, Dalavi V. Medical quiz module to improve student learning. October 2012; Research Journal of Pharmaceutical, Biological and Chemical Sciences 3(4):361-366.	No	No	EMBASE
		4. Patil Devendra M, Manaspure Shivraj P, Gadkari Jayashre V. Assessment of cardiovascular endurance in swimmers and nonswimmers by comparing resting blood pressure. International Journal of Applied Biology and Pharmaceutical Technology. 2012 Jan-Mar; 3(1): 206-211.	No	No	INDEX MEDICUS
		5. Patil D M, Patil R, Mali S, Dalavi V. Impact of disturbed circadian rhythm in call center workers. January 2015; Research Journal of Pharmaceutical, Biological and Chemical Sciences 6(4):1763-1766.	No	No	EMBASE
		6. Patil Devendra M, Patil Rima A, Excess salt intake as a life style disorder. International Journal of Scientific Research. Volume-7 Issue-10 October-2018; 79-80	No	No	Citation index
		7. Patil Devendra M, Gadkari Jayashre V. Comparative study of pulmonary function tests in young freestyle swimmers and sedentary population. International Journal of Scientific Research. Volume-7 Issue-11 November-2018; 35-36.	No	No	Citation index
		8. Mali S, Patil Devendra M, Manaspure Shivraj P. A comparative study of the school dropouts with a socio-demographically comparison group of urban slum inhabitants in Maharashtra. May 2012. International Journal of Biomedical and Advance Research 3(5) DOI:10.7439/ijbar.v3i5.445	No	No	INDEX COPERNICUS
		9. Mali, S., Patil, D. M., & Manaspure, S. P. (2012). A comparative study of the school dropouts with a socio-demographically comparison group of urban slum inhabitants in maharashtra. International Journal of Biomedical and Advance Research, 3(5), 329–335.	No	No	INDEX COPERNICUS

13	Dr. Tejaswini Sonwane	<ol style="list-style-type: none"> 1. Sonwane TD, Mishra NV. Effects of yoga and pranayam on human reaction time and certain physiological parameters in normal and hypertensive subjects. <i>Natl J Physiol Pharm Pharmacol</i> 2016;6:323-328 2. Mishra N V, Sonwane T D. A Comparative study Of Audio-Visual Reaction Time In Anemic And Non-Anemic Adolescent Girls. <i>IJBAP</i>, Vol 1(1) 2012; 79-82. 3. Sonwane T D, Ramteke T D. The impact of Power Point presentation over blackboard teaching in first year MBBS students. <i>International Journal of Recent Trends in Science and Technology</i>. September 2015; 16(2): 271-273 4. Yogita Dilip Sulaxane, A. H. Kale, Jyoti S. Kale, Tejaswini D Sonawane, Rajeshree Meshram, N. D. Nagrale. Clinical neurophysiology as an objective aid for evaluation of limb disability. <i>Int J Basic Appl Physiol.</i>, 4(1), 2015; 39-52. 5. Hirvani M, Hegde G, Kamath R, Sonwane T, Angane E, Gajbhiye R. Strategies To Foster Group Cohesion In Online Learning Environments - Use Of Crossword And Hybrid Medical Pictionary. <i>Adv Physiol Educ</i>. 2021 Oct 21. doi: 10.1152/advan.00116.2021. Epub ahead of print. PMID: 34672804 6. Hegde GR, Gupte PA, Naik A, Sonwane T. Systematic review: Ferritin as a biomarker and its Pathophysiology in Covid-19. <i>Indian Journal of Applied Research</i>. October 2021;10 Issue 10. 7. Sonawane T, Meshram R, Jagia G, Gajbhiye R, Adhikari S. Effects of Mentoring in First Year Medical Undergraduate Students using DASS-21. <i>Journal of Clinical and Diagnostic Research</i>. 2021 Nov, Vol-15(11): JC07-JC10. 	No	No	-----
14	Dr. Geeta Jagia	<ol style="list-style-type: none"> 1. Mankar SM, Jagia GJ, Shenvi DN, Kaurani VG. Comparison of physical fitness index and maximal aerobic capacity pre and post stair case climbing. <i>Int j physiol</i>. 2018;6(3):54. 2. Hirvani M, Hegde G, Kamath R, Sonwane T, Angane E, Gajbhiye R. Strategies To Foster Group Cohesion In Online Learning Environments - Use Of Crossword And Hybrid Medical Pictionary. <i>Adv Physiol Educ</i>. 2021 Oct 21. doi: 10.1152/advan.00116.2021. Epub ahead of print. PMID: 34672804 3. Jagia GJ, Hegde RR. Gender differences in pulmonary function. <i>Int J Biomed Res [Internet]</i>. 2014;5(6):379–82. 4. Hegde GR, Gupte PA, Naik A, Sonwane T. Systematic review: Ferritin as a biomarker and its Pathophysiology in Covid-19. <i>Indian Journal of Applied Research</i>. October 2021;10 Issue 10. 5. Hegde GR, Naik A, Sonwane T, Gupte PA. The emergence of LDH as a biomarker : pathophysiology of LDH in covid-19. <i>Global Journal For Research Analysis</i>. October 2021; 10(10). 6. Jagia GJ, Chandan L. Original article: Study of pulmonary function in different 	No	No	<p>-----</p> <p>Citation index</p> <p>Citation Index</p> <p>-----</p>

		<p>age groups. Indian Journal of Basic & Applied Medical Research; September 2013: Issue-8, Vol.-2, P. 1138-1145.</p> <p>7. Sonawane T, Meshram R, Jagia G, Gajbhiye R, Adhikari S. Effects of Mentoring in First Year Medical Undergraduate Students using DASS-21. Journal of Clinical and Diagnostic Research. 2021 Nov, Vol-15(11): JC07-JC10.</p> <p>8. Mankar S, Shenvi D, Hegde G, Kaurani V. Promotion of Stair Climbing Exercise in Medical Students to Achieve Physical Fitness with Student's Normal Routine. International Journal of Health Sciences and Research, 2015, 5 (9), 254-259.</p>	Yes	No	DOAJ
15	Dr. Esha Angane	<p>1. Angane E, Navare A. Effects of Aerobic Exercise on Maximum Oxygen Uptake VO2max in Healthy Adults. International Journal of Scientific Research. May 2015;4(5):3-5.</p> <p>2. Angane E, Navare A. Effects of Aerobic Exercise on Pulmonary function tests in Healthy Adults. International Journal of Research in Medical sciences .June 2016;4(6):2059-2063</p> <p>3. Angane E, Navare A. Comparison of Peak Expiratory Flow Rate(PEFR) in Obese and Non-Obese Individuals in Age group of 18-25years. International Journal of Health Sciences and Research May 2016; 6(5):107-111.</p>	No	No	Citation index
16	Dr. Riya Gajbhiye	<p>1. Bhongade M, Navare A. The study of cardiovascular sympathetic reactivity in prehypertensives with normal and higher BMI. Int J Res Med Sci 2017; 5: 1033-1038.</p> <p>2. Mangala Bhongade, Navare A. Effect of prehypertension on cardiovascular parasympathetic reactivity in adults with normal and higher BMI. Indian Journal of Basic and Applied Medical Research; June 2017: Vol.-6, Issue- 3; 248-256</p>	No	No	-----
17	Dr. Aritra Sanyal	<p>1. Sanyal Aritra, Nikam Lalit H, Comparison of Montreal cognitive assessment score between young and old taxi drivers working in Mumbai, Indian journal of Applied Research, vol 8,issue 4,April 2018</p> <p>2. Sanyal Aritra, Nikam Lalit H, Effect of air pollution on peak expiratory flow in Taxi drivers and Train drivers working in Mumbai, International journal of scientific research, Vol 7, issue 6, June 2018</p> <p>3. Dr Aritra Sanyal, Dr Maneesh Kumar, Dr D. N. Shenvi. Comparison of FEV1/FVC between train drivers and taxi drivers in a metropolitan city. Global journal for research analysis 2020; 9(7): 1-4.</p>	No	No	Citation index
18	Dr. Ramakrishna Kamath	<p>1. Hirkani M, Hegde G, Kamath R, Sonwane T, Angane E, Gajbhiye R. Strategies To Foster Group Cohesion In Online Learning Environments - Use Of Crossword And Hybrid Medical Pictionary. Adv Physiol Educ. 2021 Oct 21. doi: 10.1152/advan.00116.2021. Epub ahead of print. PMID: 34672804</p>	Yes	No	-----

