

Department of Physiology

Name of faculty qualification IMR number	Current designation Date of promotion	Nature of employment Regular/permanent or Contract/Outsource	Detail of service in last 5 year	Number of lecture taken/year, small teaching group with topic covered
Dr. Archana Chauhan 2261/14	Professor 16/01/2024	Regular	Assistant professor 8.3.2016 to 16.09.2020 Associate professor 16.09.2020 to 17.09.2023 Professor 16.01.2024 to till date	28 didactic lectures SGT/Tutorial/Practical-82 SDL-3 ECE-2 AETCOM-02
Dr. Harinder Jot Singh 2592/15	Associate professor (Designated)	Contract Regular	Associate Professor From 23/1/2018 to 13/01/2020 Assistant Professor From 13/01/2020 to 13/06/2024 Associate Professor (Designated) 13/06/2024 to till date	39 didactic lectures SGT/Tutorial, Practical- 81 SDL-4 ECE-1 AETCOM-1
Dr. Kuldeep Singh Bhatia 30578	Assistant Professor 27/09/2021	Regular	Tutor 27/06/2018 to 26/09/2021 Assistant professor 27/09/2021 to till date	28 didactic lectures SGT, Tutorial, Practical- 79 SDL-2 ECE-3
Dr. Lavinder Kumar 331/07	Tutor specialist 18.09.2024	Regular	Junior Resident – IGMC, Shimla 01.01.2019 to 13.05.2019 Medical Officer –DHS, Shimla 14.05.2019 to 15.05.2019 Medical officer- Civil Hospital, Sarahan 16.05.2019 to 09.02.2019 M.O. Specialist- Dr.RKGMC, Hamirpur 10.02.2021 to 09.06.2021 Senior Resident- Dr.RKGMC, Hamirpur 10.06.2021 to 15.07.2024 Medical Office-DHS, Shimla 16.07.2024 to 01.08.2024 M.O. Specialist – Dr.YSPGMC,Nahan 02.08.2024-17.09.2024 Tutor specialist - 18.09.2024 to till date	SGT, Tutorial, Practical- 12
Number of lecture taken/year, small teaching group with topic covered w.e.f. 01.01.2024 to 03.12.2024 for MBBS Batch 2023-24 & 2024-25				
<p>1. Theory Topics; General, Nerve & Muscle, Respiratory system, Cardiovascular system, Endocrinology, Reproductive system, CNS, Special senses has been taken as per NMC guideline, which has been delineated in CBME UG curriculum volume 1 https://www.nmc.org.in/information-desk/for-colleges/ug-curriculum/</p> <p>2. Small group teaching =148 hours is done by all faculty in the department as DOAP sessions as per CBME UG curriculum volume 1</p> <p>3. SDL (Pulmonary function test, Endocrine function test) ECE (Visit to Blood bank, MCH centre, Dialysis centre visit) AETCOM Module 1.3 (Topic; foundations of communication) as delineated in CBME UG curriculum volume 1</p>				

Faculty Name	Publication name	Indexing
Dr Archana Chauhan	1. Chauhan A, Begum J, Kulkarni S, et al. Experiential learning of active learning strategies in mentor-learner web-based discussion: a perceptions study . Int J Appl Basic Med Res. 2024;14 (4):255 261.doi:10.4103/ijabmr.ijabmr_277_24.	1. Pubmed
	2. Mathur M, Chauhan A, Kulkarni A, Mahajan A, Badyal D, Ansari MWF, Lavanya R, Guha R. Narrative Research on Understanding Workplace Violence in Healthcare: Insights from Healthcare Professionals. Med Res Arch. 2022;11(11):. https://doi.org/10.18103/mra.v11i11.4713	2. Pubmed
	3. Chauhan A, Begum J, Saiyad S. Validated Checklist for Assessing Communication Skills in undergraduate medical students: Bridging the Gap for Effective Doctor-Patient Interactions. AJP Advances in Physiology Education. 2023;47(4):. DOI:10.1152/advan.00140.2023.	3. Pubmed
	4. Chauhan A, Chauhan A, Mann R, Madaik TS. Doctor-patient relationship: Effectiveness of the “Jigsaw” method of teaching among Phase I MBBS students in a tertiary care teaching hospital. Natl J Physiol Pharm Pharmacol. (2022); 12(11): 1785-1791. doi:10.5455/njppp.2022.12.03098202207032022	4. Embase
	5. Chauhan A, Mahajan N, Christian DS, Trigotra S. Comparison of blunder lecture with tutorial for small-group discussion among Phase I M.B.B.S. students in a medical college in North India. Natl J Physiol Pharm Pharmacol. (2022); 12(10): 1702-1708. doi:10.5455/njppp.2022.12.02079202214022022	5. Embase
	6. Chauhan A, Chauhan A, Thakur J. A Comparison of Computer-Assisted Learning Teaching Method and Traditional Teaching Method in Amphibian Physiology Practical for First Year MBBS Students. NJMR. 2019;9:98-102.	6. Index Copernicus, Google Scholar.
	7. Mann R, Dogra Chauhan A, Sarkar M, Padam A. Cognitive domain impaired in COPD patients and its correlation with exercise capacity in COPD patients. RJPBS. 2019;10:1132-1137.	7. Embase
	8. Mann R, Dogra Chauhan A, Sarkar M, Padam A. Association between Nutrition Status and Cognitive Impairment Among COPD Patients and Age-Matched Healthy Controls. Ann Int Med Den Res. 2018;4:8-12.	8. Index Copernicus
	9. Dogra A, Gupta U, Sarkar M, Padam A. Exercise-induced desaturation in patients with chronic obstructive pulmonary disease on six-minute walk test. Lung India. 2015;32:320-5.	9. PubMed Central, SCOPUS
	10. Dogra A, Gupta U, Sarkar M, Padam A, Chauhan A, Thakur S. Six-minute walk work in patients with chronic obstructive pulmonary disease. International Journal of Research in Medical Sciences, 2014; 2(4),.22:1283-1288.	10. Pubmed central
	11. Dogra CA, Mann R, Sarkar M, Padam A. Cognitive decline in patients with chronic obstructive pulmonary disease. Indian J Basic Appl Med Res. 2014;5:142-151.	11. Index Copernicus
	12. Mann R, Dogra CA, Sarkar M, Padam A. Effect of Chronic Obstructive Pulmonary Disease on Body Composition Parameters and Exercise Capacity By comparison with age-matched healthy controls. Natl J Med Res. 2014;4:53-57.	12. Index Copernicus, Google Scholar.
	13. Dogra A, Mann R, Sarkar M, Padam A. Pattern of cognitive dysfunction in different severity of chronic obstructive pulmonary disease. 2014;5:1-5.	13. Index Copernicus, Google Scholar.
	14. Devkaran B, Dogra A, Minhas S, Thakur CS, Thakur S, Chaba A, Chauhan A. Role of hepatobiliary tract anatomy and morphology of gallstones in the causation of acute pancreatitis. Saudi Surg J. 2014;2:12-17	14. Pubmed

<p>Dr Harinder Jot Singh</p>	<ol style="list-style-type: none"> 1. Singh HJ, Sharma RS, Kaur S. The study of age and sex related changes in brainstem auditory evoked potentials. Journal of Clinical and Diagnostic Research. 2010 December [cited 2010 December 20]; 4:3495-99 2. Singh HJ, Arora R. The comparison of the motor nerve conduction velocity in the left and right upper limbs in normal right handed subjects. Journal of Clinical and Diagnostic Research. 2011; April 5(2):269-70 3. Kaur S, Singh HJ, Jyoti N. Comparative evaluation of acamprosate with other drugs in central tinnitus. Jour of Evolution of Med and Dental Scien 2013;2(11):1579-86. 4. Sharma A, Singh HJ, Kaur S. Comparative evaluation of body mass index and waist-hip ratio as risk factor parameters in coronary artery disease patients and normal individuals. Int. J. Bioassays. 2014; 3(06):3073-78. 5. Kaur S, Sharma A, Singh HJ. Polio eradication in india: need to switch over to IPV from OPV. JMSCR 2014;2(5): 1092-98. 6. Kaur N, Kaur S, Singh HJ, Singh M. Prevalence of beta blockers use in elderly for uncomplicated hypertension. Natl J Med Res 2014;4(4):289-292 7. Kaur S, Sharma A, Singh HJ. Waist related anthropometric measures: simple and useful predictors of coronary heart disease in women. Natl J Physiol Pharm Pharmacol 2015; 5(1):60-64. 8. Singh HJ, Kaur S, Nayyar S, Kaur N, Manzoor S. Role of trimetazidine, a cytoprotective agent in ischemic heart disease. Asian J Pharm Clin Res 2016 9(2):298-301 9. Singh HJ, Kaur S, Kaur A, Walia L, Sharma A. Effect of chronic alcohol intake on auditory system with changes in auditory brainstem evoked responses. Natl J Med Res 2016;6(1):9-12 10. Magray S, Kaur S, Singh HJ, Kaur N. To analyze the effective learning by Computer simulation as an alternative to animal experimentation in present medical education. JK Practitioner. International Journal of current medical science and medical practice. Jul-Sep, 2021 Vol 26(3) 11. Singh HJ, Kaur S, Bhatia KS. The impact of sensitizing 1st year MBBS students to research methodology. Journal of education and health promotion 2022 Mar 23;11:88 <p>e-Book</p> <ul style="list-style-type: none"> • S Kaur, HJ Singh, S Nayyar, <u>N Kaur</u>, S Manzoor . Effectiveness of Trimetazidine , a cytoprotective Agent in Ischemic heart disease. Technological Innovation in Pharmaceutical Research Vol. 6 Chapter 7 , 2021 Print ISBN: 978-93-91215-82-8, eBook ISBN: 978-93-91215-87-3 • Kumar B , Kaur S, Manzoor S, Singh HJ. Effect of Hydrochlorothiazide and chlorthalidone on recently diagnosed Hypertensives. A Comparative approach. New Frontiers in Medicine and Medicine research Vol 6 (2021) chapter 6. Ebook ISBN:978-93-91595-90-6 	<ol style="list-style-type: none"> 1. PubMed Central® (PMC)^{New} , (DOAJ) , Google Scholar , Index Copernicus , Indian Science Abstracts (ISA) ,Open J-Gate , SCOPUS 2. PubMed Central® (PMC)^{New} , (DOAJ) , Google Scholar , Index Copernicus , Indian Science Abstracts (ISA) , Open J-Gate , SCOPUS 3. GALE, DOAJ, Index Copernicus, Google scholar,,J-Gate, 4. <u>Index Copernicus</u>, 5. Google Scholar, 6. Google Scholar, 7. Indexed in Scopus EMBASE, Index Medicus for SEAR CINAHL Google Scholar, ScopeMed, Open J- Gate, Index Copernicus 8. Index Medicus, Index Copernicus International, Google Scholar, Ind Medica for SEAR, Google Scholar 9. Index Copernicus International (IC value 2011 5.09) Open J Gate, IndMedica, Index Scholar 10 Index medi/Embase// Excerpta medica Scopus, Pubmed (for medline) Index 3opernicus, Google cholar 11. DOAJ, index Copernicus, Pubmed central, Scopus, Web of science, Emerging sources citation index, Scimago Journal ranking
<p>Dr Kuldip Singh Bhatia</p>	<ol style="list-style-type: none"> 1) Bhatia SK, Kumar A. To investigate the relation between pattern reversal visual evoked potential parameters and anthropometric parameters (Height, Weight, BMI and BSA) in young health subjects. International Journal of scientific Research. Vol. -7 /issue-6/June -2018/Issue No. 2277-8179/if: 4.758/Ic Value: 93.98. Page -55 to 56. 2) Bhatia KS, Kumar A, Ahanger AM, Shingal P, Roy VK. Effect of Head Circumference and Gender on Pattern 	<ol style="list-style-type: none"> 1. Google Scholar, Cite factor, ScienceGate Index, CrossRef Member 2. Google Scholar, J-Gate, Index Copernicus, Cite Factor, EBSCO Discovery, DRJI

	3) Reversal Visual Evoked Potential Vol-3/No-3/November-2016/ISSN:2394:2363/P-107. Singh HJ, Kaur S, Bhatia KS. The Impact of Sensitizing 1 st year MBBS Students to Research Methodology. Journal of education & health promotion 2022 Mar 23;11:88.	3. DOAJ, index Copernicus, Pubmed central, Scopus , Web of science, Emerging sources citation index, Scimago Journal ranking
Dr. Lavinder Kumar	<ol style="list-style-type: none"> Ruchika R, Kumar L, Kalia K.K Hypertension insights: Understanding and Preventing High Blood Pressure in Shimla. IAR Journal of Medical Sciences. 2024 Jan; 5(1):1-7. Ruchika R, Kumar L, Kalia KK. Community Knowledge of Diabetes: managing and preventing a Growing Concern. IAR-Medical Series. 2024 Jan; 5(1): 1-8. Ruchika R, Kumar L, Kalia KK. Healthy Eating Habits in shimla. Promoting Balanced Nutrition and Dietary Awareness. IAR Journal of clinical Research. 2024 Jan; 4(1):1-9. Ruchika R, Kumar L, Bhardwaj V. Recognizing Cancer Early: Shimla's Awareness of warning signs and Sympoms. IAR - Medical series. 2024 Jan; 5(1):1-9 Kumar L. Stroke Knowledge in Shimla. Identifying Symptoms and Prevention Tactics. Himalayan Journal of medicine and Surgery. 2024 Jan; 5(1): 2-10. Ruchika R, Kumar L, Bhardwaj V. Understanding PCOD: women's Health and Awareness in Shimla. Himalayan Journal of Comm. Med. and Pub Health. 2024 Jan; 5(1):1-9. Ruchika R, Kumar L, Bhardwaj V. uterine fibroids: Community Knowledge and management strategies. IAR-medical series. 2024 Jan; 5(1): 1-12. Ruchika R, Kumar L, Kalia KK. Scrub Typhus in Shimla: Awareness, Prevention and Early Detection. IAR Journal of Clinical and medical Biochemistry. 2024 Jan; 4(1): 1-8. Ruchika R, Kumar L, Kalia KK. Thyroid Health in Shimla: Recognizing and Addressing Common disorders. Himalayan Journal of Applied medical Sciences and Research. 2024 Jan 5(1): 1-9. 	<ol style="list-style-type: none"> Index Copernicus; Google Scholar Embase, Google Scholar, IP Indexing; BASE, Advanced Science Index EMBASE, Google Scholar, IP Indexing, Cite factor, GALE Embase, Google Scholar, IP Indexing, BASE, Advanced Science Index. Indexing. IP indexing; BASE, cite factor, Embase, Google scholar. Indexing :- Embase, Gogle Scholar, Advanced Science Index, Indexing:- Embase, Google Scholar, IP indexing. Indexing - Embase, CALE, Google Scholar, IP Indexing Indexing 1- Advanced Science Index, Academic Scientific Journals, Cite factor, Embase, Google Scholar.

Medical educator /research methodology training

Faculty Name	Training Name and date
Dr Archana Chauhan	RBCW at DYSPGMC Nahan 13.12.2017 to 15.12.2017 BCME at HIMS Dehradun 21.08.2023 to 23.08.2023 CISP at DYSPGMC Nahan 02.05.2019 to 04.05.2019 CISP III at HIMS Dehradun 24.08.2023 to 25.08.2023 ACME Batch 2020B at Smt NHL Municipal medical college, Ahmedabad FAIMER batch 2022 at CMC Ludhiana Research methodology training Basic Course in Biomedical Research- Cycle 3(2021)
Dr Harinder Jot Singh	RBCW from 27/11/2017 to 30/11/2017 at HIMS Dehradun CISP –II at DYSPGMC Nahan 10.09.2021 to 11.09.2021 CISP-III at HIMS, Dehradun 02.04.24 to 03.04.24 ACME Batch 2018 B at Smt NHL Municipal medical college, Ahmedabad Research methodology training Basic Course in Biomedical Research- Cycle Dec 2022
Dr Kuldeep Singh Bhatia	Training on research methodology at AMRU ,Mandi HP Year 2022 Training on implementation of electives year 2022
Dr. Lavinder Kumar	Research methodology training Basic Course in Biomedical Research- Cycle April 2022