

**CURRICULUM VITAE**  
**DR. PANKAJA RAVI RAGHAV**



**MBBS, MD, PGDHHM, MBA**  
**FIPHA, FIAPSM, FAIMER Fellow**

Professor & Head  
Department of Community Medicine and Family Medicine  
All India Institute of Medical Sciences  
Jodhpur (Rajasthan) – 342 005

Mobile: +91 800-399-6904  
Email: raghavpr @aiimsjodhpur.edu.in  
raghavpankaja3@gmail.com

Date of Birth: 30/05/1969

*Professional Experience (30+ years) (26+ years after MD)*

**I. Educational Qualification:**

Qualification	Year of Passing	College / University
MBBS	1991	Amravati University, Maharashtra
MD - Community Medicine	1997	Dr. Babasaheb Ambedkar Marathwada University, Maharashtra
Post Graduate Diploma in Hospital & Health Management (PGDHHM)	2006	IGNOU, New Delhi
MBA (Hospital & Health Systems Management)	2021	Birla Institute of Technology & Science, Pilani

**II. Clinical, Academic & Research Experience (Pre PG):**

<b>Designation and Institute</b>	<b>Experience</b>
Lady Medical Officer (Manikgarh Cement Hospital, Gadchandur, Maharashtra)	10+ months
House Officer - Obstetrics & Gynecology (Shri. Vasantrao Naik Govt. Medical College, Yavatmal, Maharashtra)	6 months
Medical Officer (Rural Hospital, Dharni, Maharashtra)	7+ months
Post Graduate Student (SRTR Medical College, Ambajogai)	3 years
<b>Total</b>	<b>5 +years</b>

**III. Clinical, Academic, Research & Administrative Experience (Post PG):**

<b>Designation and Institute</b>	<b>Experience</b>
<b>1. Lecturer/ 2. Associate Professor</b> <b>(Faculty in-charge of Rural Health Training Centre and Urban Health Training Centre)</b> Padmashree Dr. D. Y. Patil Medical College, Hospital & Research Centre, Pune	12 years
<b>Professor</b> (RajaRajeswari Medical College & Hospital, Bangalore)	1+ year
<b>Professor &amp; Head of Department</b> (ACS Medical College & Hospital, Chennai)	1+ year
<b>Professor &amp; Head of Department</b> (AIIMS, Jodhpur)	12+ years
<b>Total</b>	<b>26+ years</b>

#### **IV. Academic and Clinical Initiatives at AIIMS, Jodhpur:**

- ***Started Centres for Rural Health AIIMS (CRHA) and Urban Health Training Centre(UHTC) :***
  - CRHA Dhawa
  - CRHA Dhundhara
  - CRHA Keru
  - UHTC Pratap Nagar
- ***Started MD Community Medicine***
- ***Started Masters in Public Health (MPH) Programme***
- ***Innovative Teaching & Training Programmes for Undergraduate and Post Graduate Students:***
  - 1.Competency Based Curriculum in CMFM for MBBS Training
  2. For Post Graduate Training Programme:
    - Public Health Grand Rounds
    - Public Health News Analysis
    - Training on Different Research Methodologies
    - Training on Verbal Autopsy and Cause of Death Certificates
    - Training on Systematic Review and Meta-Analysis
    - Training on Heat Related Illnesses
- ***Started Yellow Fever Vaccination Centre in AIIMS Jodhpur***
- ***Started Special Clinics in CRHAs & UHTC:***
  - Geriatric Clinic
  - NCD Clinic
  - Adolescent Clinic
  - Pneumoconiosis Clinic
- ***Immunization Programme in AIIMS Jodhpur:***
  - Routine Immunization
  - Adult Immunization
  - Hepatitis-B vaccination for Students, Faculty and Other Staff
  - Outreach Immunization for underserved communities

## **V. Expertise and Research Interest**

- Epidemiology
- Public Health
- Vaccines
- Occupational Health & Environmental Health
- Non communicable & Communicable diseases
- Health Systems Research
- Health Economics
- Reproductive and Child Health
- Geriatrics
- Climate Change and Vector Borne Diseases

## **VI. Other Administrative Experience :**

1. Provost, Girls' hostel, AIIMS Jodhpur (2012 -2018)
2. Chairperson, Women's Grievance Redressal Committee, AIIMS Jodhpur (2013 - 2017)
3. Member, Purchase Committee, AIIMS, Jodhpur (2013 - 2019)
4. Member, Medical Education Unit, AIIMS, Jodhpur (2013 - 2018)
5. Adviser UPSC since 2013
6. Subject Expert, Faculty Recruitment for Universities/ AIIMS and other Institutions in India
7. Member, Hospital Infection Control Committee, AIIMS, Jodhpur (2014 - 2018)
8. Member, Core Committee RNTCP, AIIMS, Jodhpur (2014 - 2022)
9. Secretary General - IPHA Rajasthan Since 2014
10. Vice President - NMO, Jodhpur (2014 - 2022)
11. Vice president (West) - IPHA (2015 - 2023)
12. Secretary General - Association of Indian Adolescent Health, Rajasthan (Since 2015)
13. Chairperson, Anti Sexual Harassment Committee for prevention of sexual harassment at workplace, AIIMS Jodhpur (2016 -2017)
14. Convener, IPHA Chapter on Occupational Health (2016-2019)
15. Faculty In charge Monitoring Pest Control Measures, AIIMS Jodhpur since 2016
16. Coordinator for Rajasthan, Mortality in India Established through Verbal Autopsies (MINErVA) network partner, Since 2017
17. Member, WHO Regional Technical Advisory group for Ear and Hearing Care in Southeast Asia Region, Since 2018
18. Master Trainer on Test, Treat, Talk Anemia under Anemia Mukta Bharat Strategy, and its various components, Since 2019
19. Member, Institute Body, AIIMS Madurai, Since 2020
20. Member, Governing Body, AIIMS Madurai, Since 2020
21. Member, Governing Body, National Institute of Health and Family Welfare (NIHFW)
22. Member, Standing Selection Committee, AIIMS, Madurai, Since 2020
23. Member, National task Force on the COVID-19: or Sub-Group: Health System Research ICMR, Since 2020
24. Member, Common Review Mission (CRM) team 2021
25. Coordinator, IAPSM Activities on World Environment Day, Since 2022
26. Chairperson, Animal Welfare Committee, AIIMS Jodhpur, since 2023
27. Joint Editor - Indian Journal of Public Health (IJPH), Since 2023
28. Editor - Journal of Preventive Medicine: Research & Reviews, Since 2023
29. Nodal Officer Vikasit Bharat Sankalp Yatra, AIIMS Jodhpur- 2023-2024
30. Committee member for phase-wise establishment of Rajasthan Institute of Medical Sciences- (RIMS) 2024
31. Member Board of Studies, AIIMS Deoghar, since 2024

## **VII. Fellowships and Awards and Recognition:**

1. National Merit Scholarship -10<sup>th</sup> Board Examination, 1984
2. National Merit Scholarship- 12<sup>th</sup> Board Examination, 1986
3. University Gold Medal (First in India) in PGDHHM Examination - Indira Gandhi National Open University (IGNOU), New Delhi – 2008
4. Most Popular and the Best Teacher Award - Dr. D. Y. Patil Medical University, Pune – 2008
5. Fellow - Association of Industrial Psychiatry – 2008
6. American Thoracic Society (ATS)Travel Grant: Methods in Epidemiologic, Clinical and Operations Research, India Course Level One – 2014
7. FAIMER Fellow - Foundation for Advancement of International Medical Education and Research -2015
8. American Thoracic Society (ATS)Travel Grant: Methods in Epidemiologic, Clinical and Operations Research, India Course Level Two – 2016
9. Fellow - Indian Public Health Association – 2016
10. Certificate of appreciation for an active contribution towards successfully observing the World AIDS Day 2016 under the aegis of IAPSM as Head of the Department
11. Bharat Vikas Award in the field of Occupational Health - Institute of Self Reliance – 2017
12. American Thoracic Society (ATS)Travel Grant: Methods in Epidemiologic, Clinical and Operations Research, India Course Level Three – 2017
13. Indian Public Health Association (IPHA) President Appreciation Award – 2018
14. Certificate of appreciation by National Medicos Organisation on the occasion of Guru Purab for selfless services towards medical education and Social Work – 2020
15. Fellow - Royal Society of Medicine – 2022
16. Fellow - Indian Association Preventive & Social Medicine (IAPSM) – 2023

## **VIII. Member of National and International Professional Bodies:**

1. Founder Member and Secretary General - Indian Public Health Association Rajasthan Chapter
2. Founder Member and Secretary General - Indian Association for Adolescent Health, Rajasthan
3. Member - Royal Society of Tropical Medicine and Hygiene (RSTMH)
4. Member - Indian Public Health Association (IPHA)
5. Member - Indian Public Health Association (IPHA) Constitution Amendment Committee
6. Life Member - Indian Association Preventive & Social Medicine (IAPSM)
7. Life Member - National Academy of Medical Sciences (NAMS)
8. Life Member - Indian Medical Association (IMA)
9. Life Member - Breast Feeding Promotion Network (BPNI)
10. Life Member - Consortium Against Rabies
11. Life Member - World NCD Federation
12. Member - National Teachers Training Centre (NTTC), JIPMER, Puducherry
13. Member - International Epidemiological Association (IEA)
14. Member - International Chapter of Occupational Health (ICOH)
15. Member - Indian Association of Occupational Health (IAOH)
16. Member - American Thoracic Society (ATS)
17. Member - International Society of Travel Medicine (ISTM)
18. Editorial Board Member and Reviewer - National and International Journals
19. Member - Faculty of Public Health organisation UK
20. Member – Asia Pacific Association of Scientific Research
21. Member - National Executive Committee (NEC), NMO

## **IX. Research Experience:**

### **A. Extramural Research Projects as Principal Investigator:**

1. Safe Injection Practices in India, funded by INDIACLEN, World Bank
2. Piloting of the National Survey for Monitoring the National Non-Communicable Diseases Targets, 2016 – Multicentric funded by WHO & Government of India
3. Survey for Monitoring the National Non-Communicable Diseases Targets 2017-2018- Multicentric.
4. Systems Approach for Assessment of Maternal Deaths in Rajasthan: A Feasibility Study, funded by ICMR.
5. Evaluation of the effectiveness of the National Health Mission (NHM) policy of mainstreaming and co-locating AYUSH within Primary Health Care, funded by NHSRC Multicentric
6. Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under-served areas, funded by NHSRC Multicentric
7. Community Behaviour and its Determinants in Relation to Malaria Prevention and control in Rajasthan, funded by ICMR
8. Rapid assessment of the continuum of care for diabetes and hypertension in India Data Quality Check Report - Study site: Rajasthan Health facility data quality checks, funded by WHO & ICMR
9. Review of WHO PEN competencies in preservice courses to build an NCD-ready workforce to deliver people-centred NCD services, funded by WHO
10. Association between history of COVID-19 and mental health morbidity in India- a cross-sectional multi-centric study, funded by ICMR
11. Designing and implementation of health care model in patients with stage 2 breast cancer, funded by ICMR
12. Implementation and scaling up of model to achieve universal coverage with physician ascertained cause of death at district-level in India, funded by ICMR
13. Integrated Health Model for Pulmonary Rehabilitation in COPD and Pneumoconioses in Jodhpur, funded by ICMR

### **B. Intramural - Funded Projects:**

1. Assessment of prevalence, correlates and health parameters of opium users among rural population of Jodhpur: A multi-method approach
2. Impact of implementation of the healthy workforce model (Integration of occupational health services in primary health care) to improve preventive measures of silicosis among workers exposed to silica sand in mines of Rural Jodhpur
3. A study to explore the risk factors for chronic obstructive pulmonary disease (COPD) among women not exposed to tobacco smoke

### **C. Non-Funded Projects:**

33 Non-Funded Projects as Principal Investigator

## **C. Post Graduate (MD, PhD) Dissertation/ Thesis : Supervision as a Guide:**

### **i. MD Dissertation**

1. Impact of Behaviour change communication on household biochemical waste disposal in urban Jodhpur: A community intervention trial. (Dr. Prashant Singh, Batch Jan – 2017)
2. Silico-tuberculosis, silicosis and other respiratory morbidities in mine workers and their family members. (Dr. Saranya R., Batch -Jan – 2017)
3. Epidemiology of different cancers and health-seeking behaviour of cancer patients in rural Jodhpur: a mixed method study.(Dr. Garima Singh, Batch July – 2018)
4. Hybrid Model for Home-based Care in Improvement of Frailty Index among Urban Elderly – A Community-Based Interventional Study. (Dr. Pritish Baskaran T B, Batch Jan – 2019)
5. Epidemic preparedness of Primary and Secondary Level Government Healthcare Facilitates and Impact of COVID-19 on Routine Healthcare Services in Jodhpur-A Mixed Method Approach. (Dr. Hari Madhav Viswanathan, Batch Jan – 2020)
6. Quality of life and health status of inhabitants in and around mines in relation to their socio-economic status and geographic location of mines- A mixed method approach. (Dr. Mukund Gupta, Batch July – 2020)
7. Stakeholder Analysis and Evaluation of Health Facilities of Jodhpur District for Detection, Certification and Rehabilitation in Silicosis. (Dr. Vishal Mehrara, Batch Jan – 2021)
8. Effectiveness of School-Home Intervention for Reduction of Adolescent Overweight and Obesity. (Dr. Tanya Singh, Batch July – 2021)
9. Resource Mapping of Tuberculosis Care in Government Health Facilities ~ A Mixed- Methods Study. (Dr. Chitransha Sharma, Batch Jan – 2023)
10. Exploring Morbidity Profile of Mine Workers and Social and Economic Impact of Working Conditions in Mines of Jodhpur - A Mixed Methods Study. (Dr. Vibhuti Aggarwal, Batch July – 2023)
11. Effectiveness of Capacity Building and Supportive Supervision of Primary and Secondary Level Healthcare Providers for Comprehensive Cancer Screening: A Quasi-Experimental Study. (Dr. Anubhav Shrivastava, Batch Jan – 2024)

### **ii. PhD Thesis Guide**

1. Environmental and Socio-economic Impact of Asbestos Exposure in and around Closed Asbestos Mines of Rajasthan- A Mixed Methods study (Mr. Kishan Gopal, Batch Jan-2022)
2. Evaluation of Monetary Assistance Adequacy and Development of Compensation Calculation Method for Pneumoconiosis Affected Persons and their dependents (Ms. Sumitra, Batch July 2023)

## **D. Research Grant Received by Postgraduate and Undergraduate students: Supervision as a Guide (last ten years):**

### **i. Post Graduate Students' Dissertation:**

1. Silico-tuberculosis, silicosis and other respiratory morbidities in mine worker and their family members. Dr. Saranya R. (2017-2020) - ICMR PG Thesis Grant
2. Quality of life and health status of inhabitants in and around mines in relation to their socio-economic status and geographic location of mines- A mixed method approach. Dr. Mukund Gupta (2020-2023) - ICMR PG Thesis Grant
3. Effectiveness of School-Home Intervention for Reduction of Adolescent Overweight and Obesity. Dr. Tanya Singh (2021-2024) - ICMR PG Thesis Grant

## **ii. Undergraduate Students' Research Projects:**

1. Study on Triple burden of respiratory diseases and Common Risk Factors in Workers exposed to Silica and Asbestosis Dust in Rajasthan during COVID-19 Pandemic. Mr. Chitransh Tiwari (2022) - ICMR STS Grant
2. Acceptability of Menstrual Cups: a Community-Based Study of Menstrual Hygiene Practices and Attitudes among Urban Women in Western India. Ms. Kavya Taraviya (2023) - AIIMS, Jodhpur SIRI Grant
3. Study on the Excess Mortality and Morbidity as a Consequence of Post-COVID Syndrome and the Risk Factors Involved in Their Manifestations in Recovered Patients. Mr. Aditya Joshi & Ms. Kavya Taraviya (2024) - AIIMS, Jodhpur SIRI Grant

## **E. Books / Chapter / Booklets:**

1. Chapter on Occupational Health in IAPSM's textbook of Community Medicine, First edition, 978-93-5270-994-6 Jaypee Brothers Medical Publishers 2019
2. Chapter on Occupational Health in IAPSM's textbook of Community Medicine, Second edition, 978-93-5270-994-6 Jaypee Brothers Medical Publishers 2021
3. Chapter on Occupational Health in IAPSM's textbook of Community Medicine, Third edition, Jaypee Brothers Medical Publishers 2024
4. Multiple choice questions in Medical Sciences. Dr. D Y Patil Medical College 2008
5. White Paper on Infectious Diseases Beyond COVID-19 published by Elsevier
6. IAPSM Advisory on Menstrual Health and Hygiene Management
7. One of the contributors in Training Manual for community health workers on comprehensive geriatric care
8. Silicosis Booklet for Medical Officers
9. Silicosis Booklet for Health Workers
10. Chronic Obstructive Pulmonary Disease (COPD) Booklet



#### **F. Research Publications:**

***No of Publications: 109, Citations: 4987, h-index: 25, i10-index: 43***

<b>Sr. No.</b>	<b>Publications</b>
1	Sharma AL, Bhuyar PA, Bhawalkar JS, Pawar SN. Profile of management of animal bite cases among rural population in district Pune, Maharashtra. Indian J Public Health. 2007 Jan-Mar;51(1):62-3.
2	Pandve H, Bhuyar PA, Banerjee A. Indo-US nuclear deal: A challenge for occupational health. Indian J Occup Environ Med. 2007 May;11(2):47-9.
3	Pandve HT, Bhawalkar JS, Bhuyar PA. AIDS orphans: An ignored issue in India. Indian Journal of Sexually Transmitted Diseases and AIDS. 2008 Jan 1;29(1):47-8.
4	Bhuyar P, Banerjee A, Pandve H, Padmnabhan P, Patil A, Duggirala S, Rajan S, Chaudhury S. Mental, physical and social health problems of call centre workers. Industrial Psychiatry Journal. 2008 Jan 1;17(1):21-5.
5	Pandve HT, Bhuyar PA. Need to focus on occupational health issues. Indian Journal of Community Medicine. 2008 Apr 1;33(2):132.
6	Pandve HT, Bhawalkar JS, Bhuyar PA. Emerging issues in HIV infection. Indian J Dermatol Venereol Leprol. 2008 May-Jun;74(3):266-7.
7	Pandve HT, Bhawalkar J, Banerjee A, Bhuyar P. Can echocardiography be used for screening of rheumatic heart disease? Indian J Community Med. 2009 Jan;34(1):79.
8	Raghav PR, Rathod HK, Pandve HT, Hazarika K. Factors affecting anthropometric parameters of preschool children in urban slum, Pune. Indian medical gazette. 2010. 144(5): 175-81.
9	Raghav P, Kumar A. The influence of television on children and adolescents in an urban slum. Indian J Community Med. 2010 Jul;35(3):447.
10	Rathod HK, Mittal S, Raghav PR. Profile of School Going Children with Visual Impairment. Indian Medical Gazette. 2011 ; 145 (11): 434-7.
11	Arora NK, Bhuyar PA. as a part of IPEN Study Group Injection practices in India. WHO South East Asia J Public Health. 2012 Apr-Jun;1(2):189-200.
12	Raghav R, Chaudhari N, Bhutani T, Bamane S. Teenage pregnancy a product of various social and health factors Indian Medical Gazette; 2013. 147(12), 444–7.
13	Prasad Neelambala, Diwanji S A, Pisharody Indu K, Raghav PR, Karandikar M S. Comparative Analysis of Electrophysiological Parameters of Median Nerve in Normal and Diabetic Subjects. Indian Medical Gazette. 2013; 147 (7): 261-264
14	Aishvarya L, Raghav PR. Studying behavioral problems in children with dyslexia and without dyslexia. Australasian Medical Journal. 2013; 6(4): 213.
15	Agarwal J, Kulkarni M, Mohan U, Das V, Singh V, Das S, Bhardwaj P, Raghav PR, Mehendale S, Venkatesh V, Kumar A. IndiaClen recommendations for improving postgraduate medical research & publication. Clinical Epidemiology and Global Health. 2013;1(2):54-7.
16	Raghav PR, Bhardwaj P, Saxena DB. Insight for rabies prevention among travelers. International Journal of Medical Science and Public Health. 2014;3(1).
17	Kumar D, Raghav PR, Singh M, Bhardwaj P, Murmu S, Mathur P. A Swot Analysis of Different Insecticides Used For Indoor Residual/Space Spray in Aiiims Jodhpur—an Effective Instrument for Measuring Community Acceptability. Medical Science. 2014 Feb;3(2).
18	Kumar D, Raghav PR, Singh M, Bhardwaj P. Knowledge assessment about risk prevention of rabies amongst doctors in AIIMS, Jodhpur. Int J Res Med Sci. 2014 Nov;2(4):1347- 1349.

19	Raghav PR, Prasad NB, Dholakia M. A study of road traffic accidents and road safety behavior in Pune: A mixed-method approach. <i>Indian Journal of Community and Family Medicine</i> . 2015 Jan 7;1(2):75.
20	Raghav P., Kumar, D., & Bhardwaj, P. Determining Competencies for the Development of Curriculum of Community Medicine and Family Medicine for Undergraduate Medical Students. <i>Journal of Contemporary Medical Education</i> . 2016. 4, 54-59.
21	Raghav P, Aishwarya KL. Understanding the problem of dyslexia among children of 3 to 7 years: Case control study. <i>Indian Journal of Community and Family Medicine</i> . 2016 Jan 1;2(1):73.
22	Bhardwaj P, Sharma S, Raghav PR, Kumar D. Assessment of growth monitoring activities under Integrated Child Development Services (ICDS) in western Rajasthan. <i>Int J Med Sci Public Health</i> . 2016; 5(7): 1355-1359.
23	Raghav PR, Kumar D, Bhardwaj P. Experience of Delphi technique in the process of establishing consensus on core competencies. <i>Int J Appl Basic Med Res</i> . 2016 Jul-Sep;6(3):191-4.
24	Meena Jitendra, Raghav Pankaja, Rustagi, Neeti LBOS 03-06 Anti-hypertensive treatment compliance and adverse effect profile among hypertension clinic attendees in Jodhpur, India. <i>Journal of Hypertension: September 2016 - Volume 34 - Issue - p e552</i>
25	Kumar D, Kapoor N, Raghav PR , Gehlot MS . VDPV and polio end game strategy: the final frontier . <i>Int J Contemp Pediatr</i> 2014;1:128 – 30 .
26	Singh M, Sonkaria LK, Raghav PR. (2017) Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA): New Initiative to Deliver Quality Maternal Health Care in India. <i>MOJ Womens Health</i> 4(2): 00081.
27	Arora NK, Swaminathan S, Mohapatra A, Gopalan HS, Katoch VM, Bhan MK, Rasaily R, Shekhar C, Thavaraj V, Roy M, Das MK, Wazny K, Kumar R, Khera A, Bhatla N, Jain V, Laxmaiah A, Nair MKC, Paul VK, Ramachandran P, Ramji S, Vaidya U, Verma IC, Shah D, Bahl R, Qazi S, Rudan I, Black RE; ICMR INCLEN Research Priority Setting Network; National Steering Group; Research Sub-Committee; Pankaja Raghav as a part of Nation-wide Network. Research priorities in Maternal, Newborn, & Child Health & Nutrition for India: An Indian Council of Medical Research-INCLEN Initiative. <i>Indian J Med Res</i> . 2017 May;145(5):611-622. doi: 10.4103/ijmr.IJMR_139_17. PMID: 28948951; PMCID: PMC5644295.
28	Raghav P. Strengthening occupational medicine to address challenges of occupational diseases: A priority. <i>Indian J Public Health</i> . 2017 Jul-Sep;61(3):153-154.
29	Kumar D, Raghav P, Bhardwaj P, Kumar N. Harnessing the potential of private sector in nutrition: a prerequisite for meeting goal 2 of Sustainable Development Goals (SDG) 2030. <i>Indian J Community Fam Med</i> . 2017;3(2):4.
30	Meena J, Raghav P, Rustagi N. [PP.15.18 Finding supplements to traditional BP monitoring. <i>Journal of Hypertension: September 2017 - Volume 35 - Issue - p e211</i>
31	Muralidhar V, Raghav P, Das P, Goel A. A case from India of pleural malignant mesothelioma probably due to domestic and environmental asbestos exposure: a posthumous report. <i>BMJ Case Rep</i> . 2019 Mar 31;12(3):e227882.
32	Mishra K, Siddharth V, Bhardwaj P, Elhence A, Jalan D, Raghav P, Mahmood SE. The Prevalence Pattern of Locomotor Disability and its Impact on Mobility, Self-Care, and Interpersonal Skills in Rural Areas of Jodhpur District. <i>Niger Med J</i> . 2019 May-Jun;60(3):156-160.
33	Gupta MK, Vohra C, Raghav P. Assessment of knowledge, attitudes, and practices about antibiotic resistance among medical students in India. <i>J Family Med Prim Care</i> . 2019 Sep 30;8(9):2864-2869.

34	Mehta B, Bhandari B, Singhal A, Mavai M, Dutt N, Raghav P. Screening asymptomatic school children for early asthma by determining airway narrowing through peak expiratory flow rate measurement. <i>J Educ Health Promot.</i> 2020 Mar 31;9:72.
35	Krishnan A, Gupta V, Nongkynrih B, Kumar R, Kaur R, Malhotra S, Salve HR, Narayan V, Gupta A; Pankaja Raghav as a part of MINErVA Network†. Mortality in India established through verbal autopsies (MINErVA): Strengthening national mortality surveillance system in India. <i>J Glob Health.</i> 2020 Dec;10(2):020431.
36	Mehta B, Ankita A, Raghav P, Chambial S, Dutt N. 0129 Association of Sleep Quality with Serum Lipids in Obese Adults. <i>Sleep.</i> 2020 Apr 1;43:A51.
37	Rajavel S, Raghav P, Gupta MK, Muralidhar V. Silico-tuberculosis, silicosis and other respiratory morbidities among sandstone mine workers in Rajasthan- a cross-sectional study. <i>PLoS One.</i> 2020 Apr 16;15(4):e0230574.
38	Raghav P, Jaiswal A, Gupta MK, Rajavel S, Dhupar D. Sociodemographic Profile of Workers in the Mining Industry of Jodhpur District in Rajasthan, India. <i>Indian J Occup Environ Med.</i> 2020 May-Aug;24(2):91-95.
39	Gupta MK, Raghav P, Gautam V, Bhardwaj P, Rustagi N, Naveen KH, Gothwal M. Steering the predictors to improve the knowledge and utilization of partograph by skilled birth attendants: An intervention study. <i>J Family Med Prim Care.</i> 2020 Jun 30;9(6):3082-3087.
40	Jaiswal A, Manchanda S, Gautam V, Goel AD, Aneja J, Raghav PR. Burden of internet addiction, social anxiety and social phobia among University students, India. <i>J Family Med Prim Care.</i> 2020 Jul 30;9(7):3607-3612.
41	N Rustagi, P Raghav, N Dutt, A Sinha, M S Rodha, Assessing continuum of trauma care for road accident victim in Jodhpur, Rajasthan, <i>European Journal of Public Health, Volume 30, Issue Supplement_5, September 2020</i>
42	P Raghav, M K Gupta, N Rustagi, N Mishra, S Garg, Systems approach for assessment of maternal deaths in Rajasthan: A feasibility study, <i>European Journal of Public Health, Volume 30, Issue Supplement_5, September 2020</i>
43	Gupta MK, Gautam V, Raghav P, Choudhary Y, Ladha N. Predictors of depression and dementia among elderly people in rural Jodhpur. <i>Asian J Psychiatry.</i> 2020 Dec;54:102419.
44	Gautam V, S D, Rustagi N, Mittal A, Patel M, Shafi S, Thirunavukkarasu P, Raghav P. Health literacy, preventive COVID 19 behaviour and adherence to chronic disease treatment during lockdown among patients registered at primary health facility in urban Jodhpur, Rajasthan. <i>Diabetes Metab Syndr.</i> 2021 Jan-Feb;15(1):205-211
45	Jain J, Saurabh S, Kumar P, Verma MK, Goel AD, Gupta MK, Bhardwaj P, Raghav PR. COVID-19 vaccine hesitancy among medical students in India. <i>Epidemiol Infect.</i> 2021 May 20;149:e132.
46	Jain J, Saurabh S, Goel AD, Gupta MK, Bhardwaj P, Raghav PR. COVID-19 vaccine hesitancy among undergraduate medical students: results from a nationwide survey in India. <i>medRxiv.</i> 2021 Jan 1.
47	Rustagi N, Jaiswal A, Kelly D, Dutt N, Sinha A, Raghav P. Measuring medical graduate behavioral intention for administering on-site care to road traffic accident victims: Development and validation of a questionnaire. <i>Indian J Public Health.</i> 2021 Jan-Mar;65(1):39-44.
48	Rustagi, Neeti & Jaiswal, Abhishek & Dutt, Naveen & Kelly, Dervla & Sinha, Arvind & Raghav, Pankaja & Rodha, Mahaveer & Rajpurohit, Vikas. (2021). Questionnaire Development and Validity to Determine Intention Among Indian Youth to Help a Road Traffic Accident Victim. 10.21203/rs.3.rs-251362/v1. Research Square
49	Singh G, Jaiswal A, Goel AD, Raghav P. Opium Usage and Risk of Head and Neck Cancer: A Systematic Review and Meta-Analysis. <i>Asian Pac J Cancer Prev.</i>

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109	Global Nutrition Target Collaborators. Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> . 2024 Dec 21;404(10471):2543-83.



### G. Organised CME/ Seminar/ Symposium/ Workshop/ Conference:

1. Organizing Chairperson, National Conference of Consortium Against Rabies “CARCON 2014” held on 1st February 2014 at AIIMS Jodhpur.
2. Started Annual National Level Inter College Quiz Competition on World Health Day for Post graduate students since 7th April 2014.
3. Organizing Chairperson, Public Health Ethics Workshop in December 2014.
4. Organizing Chairperson, NAMS symposium on food safety on 7 & 8 April 2015.
5. Organizing Secretary, CME on Diabetes on 6th April 2016.
6. Organizing Secretary, Workshop on Literature Search in Pub Med and Reference Management on 8th and 9th April 2016.
7. Organizing Secretary, National Seminar on Occupational health on 7th and 8th July 2016.
8. Organizing Secretary, 61st National conference of Indian Public Health Association (IPHA) and 1st State conference of IPHA, Rajasthan for 24th to 26th February 2017.
9. Organized the first National Roundtable Meeting on Occupational Health on 8th July 2017.
10. Organising Chairperson, 2nd Annual National Conference of Epidemiology Foundation of India (EFICON) 2021 – 29th & 30th October 2021
11. Organised workshop on “Mixed Methods Research Study Design” – 19th – 21st January, 2023
12. Organised workshop on “Enhancing research quality by teaching structured literature searching and referencing”, conducted by QMed Knowledge Foundation, Mumbai and supported by Pfizer – 17th August 2023
13. Organised “Basic data analysis and hands-on workshop using SPSS” 18th -22nd August, 2023
14. Organised “World Trauma Day 2023” – Empowering Voices, Healing Wounds Together – 17th October 2023
15. Organised workshop - “Strengthening Health Systems through Indian Public Health Standards”, as a part of IAPSM RAJCON 2023 on 15<sup>th</sup> December 2023.
16. Organised Workshop cum Sensitization on “Silicosis and ILO Standard Radiographs for Pneumoconiosis” for the Medical Officers posted in the Healthcare facilities (CHC, PHC, SDH, DH) of Jodhpur District on 27<sup>th</sup> January 2024.
17. Organised sensitisation and training programme for the Interns on Heat-related Illnesses (HRIs) on 29th February 2024.
18. On the occasion of World No Tobacco Day 2024, a stakeholder Meeting was organized involving the active participation of delegates from various fields, such as healthcare personnel (Psychiatrists and counsellors), administrators, educational field experts (School principals, teachers), and shopkeepers.
19. Training of Community Volunteers on Heat Related Illnesses on 1<sup>st</sup> August, 2024.
20. Organising Co-chairperson - “Breast Cancer Awareness Initiative” during the Breast Cancer Awareness Month 2024, at AIIMS Jodhpur on 16<sup>th</sup> & 23<sup>rd</sup> October, 2024
21. Coordinator - Pre Conclave Workshop titled “CBME! Knowing and Building on the Basics” for the 5<sup>th</sup> IAPSM YLNC 2024 to be held on 8<sup>th</sup> November, 2024, at AIIMS, New Delhi.

### H. Additional Training:

1. National Teachers Training at JIPMER, Puducherry in 2013
2. American Heart Association’s BLS training
3. Leadership & Management in Health (LMIH) an E-Learning Programme from the Department of Global Health, University of Washington, USA in 2015
4. Short Course in Basic Epidemiology & Statistics, CMC, Vellore in 2015
5. FAIMER Fellowship from GSMC, Mumbai from 2013-2015
6. National Assessor for Cold Chain- 2015
7. Air Pneumo training course for Asian Physicians at Central Chest Institute, Nonthaburi, Thailand from 20<sup>th</sup> December -23<sup>rd</sup> December 2016

8. Methods in Epidemiologic, Clinical and Operations Research (MECOR) organised by American Thoracic Society (ATS) and Centre for Disease Control (CDC) Level 1 in 2014, MECOR Level 2 in 2016 and MECOR Level -3 in 2017
9. Good Clinical Practice for Social and Behavioral Research in Clinical Trials e-learning course by National Institutes of Health Office of Behavioral and Social Science Research on 7/5/2017.
10. International Good Clinical Practice Training conducted by Pharmalessons on 5/27/2017
11. Yellow Fever Vaccination training at Kasauli, HP, in Nov. 2017
12. WHO Scholar course titled 'Using Global Routine Immunization Strategies and Practices (GRISP) to achieve better Immunization Outcomes'?
13. Systematic review and Meta-analysis during IPHACON 2019, Kakinada
14. eCourse in Health, Safety and Environment Management conducted by Indian Institute of Public Health, Gandhinagar from October 2019- January 2020.
15. Participated in a workshop on qualitative methods in health research during May 22- 26, 2020- organized by the Foundation for Diffusion of Innovations
16. Infection Prevention and Control for Novel Corona Virus (COVID-19) conducted by WHO Health Emergencies Programme on 15<sup>th</sup> July 2020
17. Online training on Geographical Information System from September- November 2020
18. Training on Econometrics Analysis of Time Series Modelling by IIT Kharagpur Aug 18-21, 2021
19. Multivariate Data Analysis (MDA 2021), during June 1-5, 2021, at Indian Institute of Technology Kharagpur
20. Course on Occupational and Environmental Health for Health Professionals from 2nd-4th February 2022, organised by the Department of Epidemiology, NIHF
21. 19<sup>th</sup> Healthcare Executive Management Development Program (HxMDP) organised by AIIMS Jammu and IIM Jammu in association with Research Foundation in Hospital & Healthcare Administration (RFHHA) held at Jammu from 18 to 23 September 2023.

**I. Resource Person/Chairperson Scientific Session /Judge Academic Events /Paper Presentation (Last five years):**

**A. Resource Person:**

1. CME Programme on "Ear & Hearing Care" held at Maulana Azad Medical College New Delhi - 2<sup>nd</sup> & 3<sup>rd</sup> February 2018
2. Session on Testing your Literary Skills Let's Write the Report in NAMOCON 2018 - 24<sup>th</sup> & 25<sup>th</sup> February 2018
3. Scientific Plenary Session on Best Practices - IAPSM in 45<sup>th</sup> National IAPSM and 19<sup>th</sup> Maharashtra State Joint Conference of IAPSM and IPHA 2018 - 9<sup>th</sup> to 11<sup>th</sup> March 2018
4. Various Study Design in Ayurved Research in two days National Workshop on "Ayurvedic Research Methodology in Contemporary Perspective" organised by Vishva Ayurved Parishad Rajasthan state unit at Jodhpur – 16<sup>th</sup> & 17<sup>th</sup> Feb 2019
5. First National Symposium on Education and Practice in Community Medicine organised by Department of Community Medicine and Family Medicine AIIMS Bhubaneswar - 11<sup>th</sup> & 12<sup>th</sup> November 2019.
6. Plenary Session "Challenges, Opportunities and Research Demand for Infant and Young Child Nutrition" in the 1<sup>st</sup> Online National Conference on Nutrition and Health 2020 organised by the Department of Community Medicine and Family Medicine AIIMS, Mangalagiri Andhra Pradesh – 12<sup>th</sup> & 13<sup>th</sup> September 2020
7. Plenary – “Systems approach for assessment of Maternal Deaths in Rajasthan: Feasibility Study” in EFICON 2021 at AIIMS Jodhpur – 29<sup>th</sup> & 30<sup>th</sup> October 2021
8. Health talk on various public health issues - Doordarshan and All India Radio
9. Public Health Expert and a Resource Person in the 17<sup>th</sup> World Congress on Public Health. at Rome Italy – 2<sup>nd</sup> May – 6<sup>th</sup> May 2023
10. Computer Aided Detection (CAD) Meeting on Silicosis and TB “Dust and Infection Free Lungs: Harnessing Artificial Intelligence (AI) for TB and Silicosis” held in Sandton, South Africa from 20<sup>th</sup> to 22<sup>nd</sup> June 2024 (Participated online).
11. “Preventing silicosis amongst workers” at “Business Leaders’ Roundtable: Sustainable Supply Chains in Rajasthan Natural Stone Industry” organised by City Law School UK in 20<sup>th</sup> June 2024 (Participated online).
12. “Breast Cancer Awareness Initiative” during the Breast Cancer Awareness Month 2024, at AIIMS Jodhpur on 16<sup>th</sup> & 23<sup>rd</sup> October, 2024
13. CBME! Knowing and building on the basics Pre-conclave Workshop during 5<sup>th</sup> IAPSM Young Leaders National Conclave (YLNC) 2024, All India Institute of Medical Sciences (AIIMS), Delhi, from 8<sup>th</sup> November 2024.

## **B. Chairperson/ Judge/Patron:**

1. Chairperson - Workshop: Research Methodology in NMOCON 2018 held at Bhagat Phool Singh Govt. Medical College for Women, Haryana – 24<sup>th</sup> & 25<sup>th</sup> February 2018
2. Chairperson - 22<sup>nd</sup> NZIAPSM and 13<sup>th</sup> IAPSM Punjab Chapter Conference held at Dayanand Medical College & Hospital, Ludhiana - 8<sup>th</sup> & 9<sup>th</sup> April 2018
3. Chairperson - Plenary Session on "Recent Research Evidence to National Health Programmes" in the EFICON 2020 at AIIMS Rishikesh, 19<sup>th</sup> & 20<sup>th</sup> December 2020
4. Chairperson - e-Oral Presentation Session on "COVID Clinical Characteristics" in IPHACON 2021 - 23<sup>rd</sup> September 2021
5. Chairperson - Scientific Session in IPHACON 2021 held online at JIPMER Puducherry – 23<sup>rd</sup> to 26<sup>th</sup> September 2021
6. Chairperson - Plenary Session on Emerging Conditions: Vector-Borne Diseases as a part of IPHACON 2021 held at JIPMER Puducherry – 23<sup>rd</sup> to 26<sup>th</sup> September 2021
7. Chairperson - 9<sup>th</sup> Annual National Conference of Consortium Against Rabies - CARCON 2021 held online from 28<sup>th</sup> to 29<sup>th</sup> January 2022
8. Judge - Scientific Plenary Session on Best Practices - IAPSM in 45<sup>th</sup> National IAPSM and 19<sup>th</sup> Maharashtra State Joint Conference of IAPSM and IPHA 2018 - 9<sup>th</sup> to 11<sup>th</sup> March 2018
9. Judge - Oral Presentation at IAPSMCON 2020, organised by Institute of Community Medicine, Madras Medical College Chennai, 28<sup>th</sup> – 30<sup>th</sup> January 2020
10. Patron in the Dr. Deoki Nandan Memorial Public Health Quiz 2020 as a part of IPHACON 2020 held at AIIMS New Delhi – 29<sup>th</sup> Feb – 2<sup>nd</sup> March 2020
11. Patron in the Dr. Deoki Nandan Memorial Public Health Quiz 2021 as a part of IPHACON 2021 held at JIPMER Puducherry – 23<sup>rd</sup> to 26<sup>th</sup> September 2021.
12. Organising Co-chairperson - "Breast Cancer Awareness Initiative" during the Breast Cancer Awareness Month 2024, at AIIMS Jodhpur on 16<sup>th</sup> & 23<sup>rd</sup> October 2024

## **C. Paper Presentation: (last five years)**

1. Oral Paper titled "Assessment of Prevalence, Correlates & Health Parameters of Opium Users Among Rural Population of Western India, A Multimethod Approach" in 45<sup>th</sup> National IAPSM Conference & 19<sup>th</sup> Maharashtra State Joint Conference of IAPSM & IPHA 2018 - 9<sup>th</sup> to 11<sup>th</sup> March 2018
2. Paper titled Reaching the Dropouts for Vaccination in Underserved Areas of Jodhpur" in IPHACON 2019 at Kakinada – 31<sup>st</sup> January to 3<sup>rd</sup> February 2019
3. Oral Paper titled "Risk Factors for Chronic Obstructive Pulmonary Disease (COPD) Among Women not Exposed to Tobacco Smoke: Case Control Study" in IAPSMCON 2019 - 8<sup>th</sup> to 10<sup>th</sup> March 2019
4. Oral Paper titled "To study the burden of pneumoconiosis and other health problems among workers of dust producing occupations in Rajasthan" at IAPSMCON 2020 – 28<sup>th</sup> to 30<sup>th</sup> January 2020
5. International Conclave on Occupational Health 2020 held at Nehru Centre, Mumbai INDIA – 28<sup>th</sup> Jan to 01<sup>st</sup> Feb 2020
6. Paper in IPHACON 2020 – 29<sup>th</sup> Feb to 02<sup>nd</sup> March 2020
7. "The BRICS' contribution to Developing a Public Health Oriented Model of Vaccine Production and Distribution" during 17<sup>th</sup> World Congress on Public Health. at Rome,
8. "Importance of One Health Approach in equally improving the health of humans, animals and environment" as part of the World Congress on Public Health workshop on One Health Approaches in the LMICS on 4<sup>th</sup> May 2023
9. Oral Paper titled "Unveiling the Silent Suffering: The Hidden Toll of Asbestosis among Inhabitant around Asbestos Mines" From 16<sup>th</sup> International Conference of the International Mesothelioma Interest Group 26<sup>th</sup> -28<sup>th</sup> June 2023.

#### **J. Participation in the Development of Policies & Advisories:**

1. Indian Association of Preventive and Social Medicine (IAPSM) Advisory on Menstrual Health and Hygiene Management
2. Development of Rajasthan Policy on Pneumoconiosis including Silicosis Detection, Prevention, Control and Rehabilitation – 2019
3. Participated as a resource person in the meeting to discuss the way forward on effective implementation of the Rajasthan Pneumoconiosis Rehabilitation Policy and to replicate the Rajasthan model in the neighbouring states – 3rd October 2019 Expert in the technical session on the subject of a comprehensive policy on silicosis, which Hon'ble Chief Minister, Rajasthan launched on - 3rd October 2019
4. Participated as an expert for the Rajasthan Policy on Pneumoconiosis, including Silicosis Detection, Prevention, Control and Rehabilitation in Future Policy Award Protection from Hazardous Chemicals

#### **K. Participation in social and outreach activities:**

##### **Delivery of health care to people living in underserved rural and urban slums and tribal populations:**

1. Health camps for rural and urban slums, migrant and temporary settlement colonies, e.g. screening camps for various diseases, outbreak investigations, health awareness programmes including active community engagement, outreach immunisation for left out, dropped out children.
2. Working for the welfare of workers exposed to silica/ asbestos and widows of silicosis victim.
3. Providing health services to residents of old age home
4. Community work during COVID-19:–
  - 4.1. Supportive supervision for COVID-19 surveillance program
  - 4.2. Enabling readiness of reopening of schools during COVID-19
  - 4.3. Community preparedness for COVID-19 – Urban & Rural area
5. Pulse Polio Immunization Programme
6. Participated in National Urban Health Mission Camp
7. Health Check-up camp was organised with the collaboration of Hand in Hand NGO for the tribal population of Pali.
8. General Health Camp, organised in collaboration with the Jal Bhagirathi Foundation
9. Silicosis Screening Camps Check-up camp at Pratap Nagar, Jodhpur
10. Health Awareness Camp on Reproductive Morbidities for Women
11. Silicosis diagnosis camps at various places in Rajasthan

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