

Curriculum Vitae: Wg Cdr Gurpreet Singh

Personal details

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| Date of birth | 08 Jan 1985 |
| Gender | Male |
| Email id | Drgurpreet.md.afmc@gmail.com |
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| ORCID | 0000-0002-1375-3189 |
| Research Gate | https://www.researchgate.net/profile/Gurpreet_Singh60 |
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| RPubs | https://rpubs.com/Dr_Gurpreet |
| GitHub | https://github.com/drgurpreet |
| Perm Address | Kothi No 1687, Phase 7, Mohali, Punjab, India – 160062 |
| Present address | Associate Professor, Department of Community Medicine, Armed Forces Medical College, Pune, India - 411001 |

Educational qualifications.

- **MBBS** – Armed Forces Medical College, Pune, India (2002-06)
- **MD (Community Medicine)** – Armed Forces Medical College, Pune, India (2012-15)
- **DNB (Community Medicine)** (2016) – National Board of Examinations, India.
- **PhD (Health Sciences): Epidemiology** – Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, India (2019-2023).

Achievements.

- Director General Armed Forces Medical Services (DGAFMS) Gold Medal - MD Community Medicine (June 2015).
- President, National Board of Examinations Gold Medal – DNB Social and Preventive Medicine (Dec 2015).
- General Officer Commanding (GOC) Appreciation Certificate and Medallion (HQ 11 Corps, Indian Army - 2017).
- Best PhD Paper Award – National Conference of the Indian Association of Preventive and Social Medicine at PGIMER, Chandigarh (IAPSMCON 2021).
- Excellent Grading and Best Speaker Award - Senior Medical Officer Administrative Course held at Medical Training Centre, Bengaluru by Indian Air Force (SMOAC 2022).

- Air Officer Commanding (AOC) appreciation certificate (28 Wing, Indian Air Force - 2023)
- President (L) Appreciation Certificate, Air Force Families Welfare Association, 28 Wing – 2023.
- Runner-up Public Health Trophy for best station in Indian Air Force – 2023.
- Gavin Mooney Prize for Best PhD paper – National Conference of the Indian Health Economics and Policy Association, Flame University, Pune (IHEPA 2024)

Work Experience.

- Medical Officer, Indian Armed Forces (2006-15)
- Assistant Professor, Department of Community Medicine, Armed Forces Medical College, Pune, India (2015-16)
- Officer Commanding, Station Health Organisation, Jalandhar Cantt, India (2016-2019)
- PhD Scholar, AMCHSS, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala, India (2019-2023).
- Classified Specialist (Community Medicine), Epidemiologist, and Senior Medical Officer, Air Force Station, Hindan (2022-2024)
- Associate Professor, Department of Community Medicine, Armed Forces Medical College, Pune (2024-till present)

Research and Publications.

- Publications in National/International indexed peer-reviewed journals: 46
- Codes published in repositories: 21
- Online books: 03
- National/International conferences/workshops/CME participated: 62

Funded research projects undertaken:

- Development and Effect of a Coordinated Community health Worker Intervention Model for the Stroke Survivors in Kerala, South India (Department of Health and family Welfare, Govt of Kerala) – Rs 10 Lakhs.
- Transforming COVID-19 testing data into actionable evidence for public health decision-making using epidemiological, spatiotemporal, and data-science methods (ICMR, Govt of India) – Rs 26.2 Lakhs.
- Morbidity and Healthcare-seeking behaviour of the patients visiting the Ayurveda healthcare facilities of the DGAFMS Hospitals: A multicentre cross-sectional survey study (Director

General Armed Forces Medical Services and Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH) – Rs 8.42 Lakhs

Memberships

- Indian Public Health Association (IPHA).
- Indian Association of Preventive and Social Medicine (IAPSM).
- Indian Association of Epidemiologists (IAE).
- Epidemiology Foundation of India (EFI).
- Indian Health Economics and Policy Association (IHEPA)

Fellowships

- Indian Society for Malaria and Other Communicable Diseases.
- International Fellowship on Health Technology Assessment.

Areas of Interest.

Infectious Disease Epidemiology, Data Science, Disease Surveillance, Disease modelling, Spatial and Spatiotemporal Epidemiology, Open-source solutions, Clinical Epidemiology, Policy analytics.

PUBLICATIONS

1. Gupta, Pooja; Kannath, Santhosh K.1; Thomas, Bejoy1; Chandrasekharan, Kesavadas1; Singh, Gurpreet2. Combined Susceptibility-Weighted Imaging and Vessel Wall Imaging of Unruptured Intracranial Aneurysms Presenting with Sentinel Headache. *Neurology India* 73(2):p 251-256, Mar–Apr 2025. | DOI: 10.4103/neurol-india.Neurol-India-D-24-00290
2. Zaidi, Ilham1; Sarma, P. S.1; Khayyam, Khalid Umer2; Toufique Ahmad, Quazi3; Ramankutty, V.4; Singh, Gurpreet1. Sociodemographic factors affecting knowledge levels of tuberculosis patients in New Delhi. *Journal of Family Medicine and Primary Care* 13(11):p 5152-5158, November 2024. | DOI: 10.4103/jfmpe.jfmpe_387_24
3. Ray, Sougat Surg Cmdel1; Tawar, Shabeena Surg Capt2; Singh, Neha Lt Col3; Singh, Gurpreet Wg Cdr4. Transition toward Technological Transformation: Challenges of Implementing Virtual Reality and Augmented Reality in the Health Sector. *Journal of Marine Medical Society* 26(2):p 161-164, May–Aug 2024. | DOI: 10.4103/jmms.jmms_89_23
4. Sylaja PN, Babu V, S S, *et al.* Development and effect of a coordinated Community Health Worker (CHW) Intervention (C-CHW-I) model for the stroke survivors in Kerala, South India. *Cerebrovasc Dis* 2024; published online Jan 5. DOI:10.1159/000536077.
5. Maheshwari V, Dhurvey DK, Singh G. Association of Ocular Injuries in Patients with Head Injury: A Tertiary-Level Armed Forces Experience. *Medical Journal of Dr DY Patil Vidyapeeth* 2024; **17**: 199–204.
6. Zaidi I, Sarma PS, Umer Khayyam K, Toufique Ahmad Q, Ramankutty V, Singh G. Factors associated with treatment adherence among pulmonary tuberculosis patients in New Delhi. *Indian Journal of Tuberculosis* 2023; : S0019570723001531.
7. Singh G, Soman B, Grover GS. Exploratory Spatio-Temporal Data Analysis (ESTDA) of Dengue and its association with climatic, environmental, and sociodemographic factors in Punjab, India. *Ecological Informatics* 2023; **75**: 102020.
8. Krishnamoorthy S, Singh G, Sreedharan SE, *et al.* Soluble ST2 Predicts Poor Functional Outcome in Acute Ischemic Stroke Patients. *Cerebrovasc Dis Extra* 2023; : 33–40.
9. Krishnamoorthy S, Sylaja PN, Sreedharan SE, *et al.* Biomarkers predict hemorrhagic transformation and stroke severity after acute ischemic stroke. *Journal of Stroke and Cerebrovascular Diseases* 2023; **32**: 106875.
10. Singh G, Soman B, Grover GS. Development and use of open-source algorithms for space-time emerging hotspot analysis of routine dengue NVBDCP data in Punjab, India. *Int J Community Med Public Health* 2022; **10**: 148.
11. Mitra A, Soman B, Gaitonde R, Singh G, Roy A. Data Science Methods to Develop Decision Support Systems for Real-time Monitoring of COVID-19 Outbreak. *J Hum Earth Future* 2022; **3**: 223–36.
12. Singh G, Mitra A, Soman B. Development and use of a reproducible framework for spatiotemporal climatic risk assessment and its association with decadal trend of dengue in India. *Indian J Community Med* 2022; **47**: 50.

13. Rahul A, Saini P, Valamparampil MJ, *et al.* Epidemiological and clinical characterization of dengue virus serotypes during 2017–2019 in southern Kerala, India. *Transactions of The Royal Society of Tropical Medicine and Hygiene* 2022; : trac001.
14. Vishnuprasad R, Tejus A, Pasricha S, Singh G, Ojha D, Kotwal A. Effectiveness of structured education through social media to medical students. *Med J DY Patil Vidyapeeth* 2022; **0**: 0.
15. Saleem S, Singh G, Zaidi I, *et al.* Geospatial epidemiology of hypertension and its risk factors in India: Findings from National Family Health Survey (2015–2016). *J Family Med Prim Care* 2022; **11**: 5730.
16. Pan S, Kannath S, Singh G, Rajan J. A Prospective Study Comparing the Three-Dimensional Rotational Angiography and Two-Dimensional Digital Subtraction Angiography in Evaluation of Brain Arteriovenous Malformations. *Neurol India* 2022; **70**: 1905.
17. Krishnamoorthy S, Singh G, Jose K J, *et al.* Biomarkers in the Prediction of Hemorrhagic Transformation in Acute Stroke: A Systematic Review and Meta-Analysis. *Cerebrovasc Dis* 2022; **51**: 235–47.
18. Singh I, Shukla A, Thulaseedharan JV, Singh G. Contraception for married adolescents (15–19 years) in India: insights from the National Family Health Survey-4 (NFHS-4). *Reprod Health* 2021; **18**: 253.
19. Singh G, Soman B. Spatiotemporal Epidemiology and Forecasting of Dengue in the state of Punjab, India: Study Protocol. *Spatial and Spatio-temporal Epidemiology* 2021; : 100444.
20. Balasubramanian AP, Kannath SK, Rajan JE, Singh G, Kesavadas C, Thomas B. Utility of silent magnetic resonance angiography in the evaluation and characterisation of intracranial dural arteriovenous fistula. *Clinical Radiology* 2021; **76**: 712.e1-712.e8.
21. Singh G, Soman B, Mitra A. A Systematic Approach to Cleaning Routine Health Surveillance Datasets: An Illustration Using National Vector Borne Disease Control Programme Data of Punjab, India. *arXiv:210809963 [cs]* 2021; published online Aug 23. <http://arxiv.org/abs/2108.09963> (accessed Sept 24, 2021).
22. Mitra A, Soman B, Singh G. An Interactive Dashboard for Real-Time Analytics and Monitoring of COVID-19 Outbreak in India: A proof of Concept. *arXiv:210809937 [cs]* 2021; published online Aug 23. <http://arxiv.org/abs/2108.09937> (accessed Sept 24, 2021).
23. Thompson HA, Mousa A, Dighe A, *et al.* Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Setting-specific Transmission Rates: A Systematic Review and Meta-analysis. *Clinical Infectious Diseases* 2021; : ciab100.
24. Sylaja PN, Singh G, Sivasambath S, *et al.* Secondary prevention of stroke by a primary health care approach: An open-label cluster randomised trial. *Journal of Clinical Neuroscience* 2021; **84**: 53–9.
25. Yadav A, Kumar S, Singh G, Kansara N. Demystifying R naught: Understanding what does it hide? *Indian J Community Med* 2021; **46**: 7.
26. Sharma DP, Kannath SK, Singh G, Rajan JE. Shunt Site Localization of Direct Carotid-Cavernous Fistula Using 3D Rotational Angiography—Utility of Broken-Rim Sign. *World Neurosurgery* 2020; **144**: e376–9.

27. Thompson H, Mousa A, Dighe A, *et al.* Report 38: SARS-CoV-2 setting-specific transmission rates: a systematic review and meta-analysis. 2020 DOI:[10.25561/84270](https://doi.org/10.25561/84270).
28. Singh G, Patrikar S, Sarma P, Soman B. Time-dependent dynamic transmission potential and instantaneous reproduction number of COVID-19 pandemic in India. *Infectious Diseases (except HIV/AIDS)*, 2020 DOI:[10.1101/2020.07.15.20154971](https://doi.org/10.1101/2020.07.15.20154971).
29. Singh G, Srinivas G, Jyothi EK, Gayatri LK, Gaitonde R, Soman B. Containing the first outbreak of COVID-19 in a healthcare setting in India: The sree chitra experience. *Indian J Public Health* 2020; **64**: S240–2.
30. Singh Bhalla G, Grover N, Singh G, *et al.* Prevalence of non tuberculous mycobacterial infection in surgical site infections and their antibiotic susceptibility profile. *Medical Journal Armed Forces India* 2020; : S0377123720300277.
31. Singh G, Patrikar S, Basannar DR, Bhatti VK. Health technology assessment of fixed-dose combination regimen in treatment of newly diagnosed smear-positive pulmonary tuberculosis: A meta-analysis. *Medical Journal Armed Forces India* 2020; **76**: 192–200.
32. Singh G, Tilak R, Kaushik S. Bio-eco-social determinants of Aedes breeding in field practice area of a medical college in Pune, Maharashtra. *Indian J Public Health* 2019; **63**: 324.
33. Singh G, Prakash R, Bhatti V, Mahen A. Spinal cord injury in organizational setup - A hospital based descriptive study. *J Mar Med Soc* 2019; **21**: 46.
34. Bhalla G, Grover N, Singh G, Sarao M, Mishra D. Antimicrobial susceptibility profile of surgical site infection isolates from a tertiary care center in West India. *J Mar Med Soc* 2019; **21**: 69.
35. Chauhan P, Mohanty S, Vardhan V, Ray S, Singh G. Use of Low Dose Azithromycin Mass Prophylaxis as Strategy in Control of Pneumonia Outbreak in Institutional Setting. *International Review of the Armed Forces Medical Services* 2018; **91/3**.
36. Gupta MK, Pasricha S, Kaur R, *et al.* Biomedical Waste Management (BMWM) rules: Have we Adapted ourselves with the Latest? *International Journal of Current Advanced Research* 2018; **7**: 13246–9.
37. Singh G, Pasricha S, Nanda GS, Singh H, Bandyopadhyay K, Ray G. Internet use behavior, risk profile and ‘problematic internet use’ among undergraduate medical students: an epidemiological study. *Int J Community Med Public Health* 2018; **5**: 532.
38. Singh G, Nanda G, Singh H. Cardiovascular Disease (CVD) Risk estimation among 40 years and older using WHO/ISH risk prediction charts. *Public Health Rev: Int J Public Health Res* 2017; **4**: 134–40.
39. Singh G, Kaushik SK, Mukherji S. Revelations of an overt water contamination. *Medical Journal Armed Forces India* 2017; **73**: 250–5.
40. Dudeja P, Singh G, Gadekar T, Mukherji S. Performance of Indian Diabetes Risk Score (IDRS) as screening tool for diabetes in an urban slum. *Medical Journal Armed Forces India* 2017; **73**: 123–8.
41. Sindhu A, Ramakrishnan T, Khera A, Singh G. A study to assess the knowledge of medical students regarding organ donation in a selected college of Western Maharashtra. *Med J DY Patil Univ* 2017; **10**: 349.
42. Dudeja P, Dudeja A, Singh G, Mukherji S. Regulatory framework for ‘gluten-free’ foods in India: Magic bullet for celiac disease patients. *Med J DY Patil Univ* 2016; **9**: 680.

43. Singh G, Bhatnagar A, Mukherji S, Goel D. Drug prescription behavior in a Teaching Hospital of Western Maharashtra. *Med J DY Patil Univ* 2016; **9**: 695.
44. Jindal AK, Singh G, Pandya K. Qualitative research in medicine – An art to be nurtured. *Medical Journal Armed Forces India* 2015; **71**: 369–72.
45. Dubey M, Singh G, Bhatti VK, Mahen A, Kunte R, Katara SK. [Reinfection of Varicella zoster in a vaccinated adult](#). *Medical Journal Armed Forces India* 2015; **71**: S214–6.
46. Bhatti VK, Budhathoki L, Kumar M, Singh G, Nath A, Nair GV. Use of immunization as strategy for outbreak control of varicella zoster in an institutional setting. *Medical Journal Armed Forces India* 2014; **70**: 220–4.

Published R codes/ GitHub repositories

1. Iphacon
2. Singh G, Soman B. Steps in Infectious Disease Modeling. 2020 DOI:10.13140/RG.2.2.11580.05763.
3. Singh G, Soman B. Information from models to understand outbreak situation An illustrative example using COVID-19 data. 2020 DOI:10.13140/RG.2.2.14935.50081.
4. Singh G, Soman B. Illustration: Infected Cohort models using R. 2020 DOI:10.13140/RG.2.2.25001.83043.
5. Singh G, Soman B. Handling increasing complexities for Infectious Disease Modeling using R. 2020 DOI:10.13140/RG.2.2.18290.94409.
6. Singh G, Soman B. Spatial interpolation using kriging in R. 2020 DOI:10.13140/RG.2.2.34928.69122.
7. Singh G, Soman B. Spatial Interpolation using Inverse Distance Weighing (IDW) in R. 2020 DOI:10.13140/RG.2.2.33473.79208.
8. Singh G, Soman B. Estimation of spatial variation in risk using kernel smoothing in R. 2020.
9. Singh G, Soman B. Spatial Data Visualisation in R. 2020.
10. Singh G, Soman B. A brief introduction to Mathematical Disease Modelling in R. 2020.
11. Singh G, Soman B. Manipulating string variables using stringr package in R. 2020.
12. Singh G, Soman B. Generating random numbers using R. 2020 DOI:10.13140/RG.2.2.26836.14727.
13. Singh G, Soman B. Automated bibliography extraction from PubMed using R. 2020 DOI:10.13140/RG.2.2.11420.85122.
14. Singh G, Soman B. Word Cloud formation for text analytics using R. 2019 DOI:10.13140/RG.2.2.21203.73765.
15. Singh G, Soman B. Handling missing data using R. 2019 DOI:10.13140/RG.2.2.30640.92165.
16. Singh G, Soman B. Creating tidy data using tidyr package in R. 2019 DOI:10.13140/RG.2.2.31878.11845.
17. Singh G, Soman B. Data Visualisation using ggplot2 package in R. 2019.
18. Singh G, Soman B. Data Transformation using dplyr package in R. 2019 DOI:10.13140/RG.2.2.10397.46565.
19. Singh G, Soman B. Food poisoning Outbreak investigation using R: A case study approach. 2019 DOI:10.13140/RG.2.2.33597.20962.
20. Singh G, Soman B. Map making in R (GIS). 2019 DOI:10.13140/RG.2.2.29812.50568.
21. Singh G, Soman B. Intro to R. 2019 DOI:10.13140/RG.2.2.32276.65924.

WORKSHOPS/CMES/CONFERENCES

| S. No | Courses/ Conferences | Organizers | Date |
|--------------|--|---|----------------------|
| 01 | Basic workshop in Research Methodology | AFMC, Pune | 06-08 Sep 2012 |
| 02 | CME on “Emerging and Re-emerging Infectious diseases, Epidemic and Pandemic preparedness”: | WHO country office, India and Singhad Technical Education Society, Pune | 13-14 Sep 2012 |
| 03 | CME on “Epidemics and Pandemics – Preparedness and Response” | AFMC, Pune | 24-25 Sep 2012 |
| 04 | Workshop on “Ethics in Medical Research” | AFMC, Pune | 20-21 May 2013 |
| 05 | Workshop on “Public Health Nutrition – What is New?” | UNICEF and MUHS, Regional Centre, Pune | 3 June 2013 |
| 06 | Workshop on “Maternal and Child Health Nutrition” | UNICEF and MUHS, Regional Centre, Pune | 27 Dec 2013 |
| 07 | Officers NBC Basic Course | College of Military Engineering, Pune | 02 July- 06 Aug 2014 |
| 08 | Basic Workshop on “Research Methodology” | MUHS Nashik and AFMC, Pune | 20-22 Nov 2014 |
| 09 | Basic Course on Medical Education Technologies | MCI Regional Centre, Pune | 27-29 July 2015 |
| 10 | National Conference on “Innovative Approaches in Public Health” | AFMC, Pune | 18-20 Nov 2015 |
| 14 | WHO training course on Integrated Vector Management | WHO Country Office, India and AFMC, Pune | 30 Aug-26 Sep 2016 |
| 11 | 7 th International Fellowship in Health Technology Assessments | National Health System Resource Centre, AMTZ, Voshakhapatnam | 9-13 Jan 2017 |

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| 12 | CME on “Infectious Diseases” | Punjab Institute of Medical Sciences, Jalandhar | 01 Apr 2017 |
| 13 | CME on “Disaster Preparedness and Response” | MH Jalandhar | 5-7 May 2018 |
| 14 | CME on Updates on Managing Diabetes in the Periphery” | SCTIMST, Trivandrum and Mananthavady, Wayanad, Kerala | 22 Jan 2019 |
| 15 | CME on “Innovative Quality Nursing Care Through Evidence-based Practice”. | Sivagiri Sree Narayana Medical Mission College of Nursing, Varkala | 22-23 Feb 2019 |
| 16 | Pre-conference workshop on “Surveillance in Infectious Diseases” | Govt Medical College, Kozhikode | 26 Feb 2019 |
| 17 | National Achutha Menon Centre Conference 2019 | SCTIMST, Trivandrum | 1-3 March 2019 |
| 18 | Grant Writing Workshop | SCTIMST, Trivandrum | 8-9 Mar 2019 |
| 19 | CME on Ethics in Health Research | SCTIMST, Trivandrum | 29 Apr- 2 May 2019 |
| 20 | Analysing Medical and Health Data with R | SCTIMST, Trivandrum | 16-17 May 2019 |
| 21 | Planning Zero Dengue Death Initiative and Dengue update | Govt of Kerala, Trivandrum | 28 May 2019 |
| 22 | 5th National Workshop cum CME on Health Systems Strengthening (Theme – Skill development for Geographical Information System) | PGI, Chandigarh | 1-5 July 2019 |
| 23 | National CME on Health Technology Assessment | AFMC, Pune | 25-26 Nov 2019 |
| 24 | Value and Use of HTA in Health Policy Making for Kerala State | SCTIMST, Trivandrum | 27-28 Nov 2019 |

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| 25 | Analyzing Medical and Health Data using R | SCTIMST, Trivandrum | 17-20 Dec 2019 |
| 26 | Use of bibliographic software; hands-on training with Zotero | SCTIMST, Trivandrum | 07 Jan 2020 |
| 27 | Regression models for estimating relationships in Epidemiological studies | SCTIMST, Trivandrum | 8-10 Jan 2020 |
| 28 | Certification Programme on "Engineering with Python" | International Centre for Free and Open Source Softwares (ICFOSS), Trivandrum | 21- 29 May 2020 |
| 29 | Certification Programme on "Machine Learning through FOSS" | International Centre for Free and Open Source Softwares (ICFOSS), Trivandrum | 01-09 June 2020 |
| 30 | 48th Annual National Conference of India Association of Preventive and Social Medicine: IAPSMCON 2021 | PGI, Chandigarh | |
| 31 | Workshop on “Technical Writing and Communications in Research”. | SCTIMST, Trivandrum | 12 May 2021 |
| 32 | 66 th Annual National Conference of Indian Public Health Association | Bhatati Vidyapeeth Medical College, Pune | 23-25 Sep 2022 |
| 33 | 45 th Senior Medical Officer Administrative Course | MTC, Bengaluru | 22 Aug-03 Sep 2022 |
| 34 | CME on Health and Wellness: Pragmatic shift from Clinical Care to Holistic Health Care” | AFMC, Pune | 13-14 Oct 2022 |
| 35 | Regression Analysis including checking of assumptions using R | IPHA, Kolkata | 06 Apr 2023 |
| 36 | 67 th Annual National Conference of Indian Public Health Association | IPHA, Kolkata | 7-9 Apr 2023 |

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| 37 | Public Health Data Science Mentorship Initiative | IPHA, Kolkata | 09 Apr 2023 |
| 38 | Marketing Public Health | New England Public Health Training Centre (Online) | 22 Apr 2023 |
| 39 | Holistic care with Ayurveda and Yoga as Adjuvant to Mainstream Care | MH Ranikhet | 20-21 June 2023 |
| 40 | National Workshop on Health Data Analytics | AIIMS Kalyani | 4-7 Dec 2023 |
| 41 | Basic Course in Biomedical Research | ICMR, NIE | Dec 2023 |
| 42 | 11 th National Conference of Indian Health Economics and Policy Association (IHEPA_ | Flame University, Pune | 17-19 Jan 2024 |
| 43 | 51st Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSMCON 2024) | Kasturba Medical College, Mangalore | 8-10 Feb 2024 |
| 44 | 68 th Annual National Conference of Indian Public Health Association (IPHACON 2024) | Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali, HP | 15-17 Mar 2024 |
| 45 | Illuminati 2024 | AFMC, Pune | 22 Mar 2024 |
| 46 | National workshop on Infectious disease modelling using R | EFICON, KGMU, Lucknow | 27 Nov 2024 |
| 47 | 15 th Annual National Conference – ISMOCD 2025 | NIMR, ICMR, New Delhi | 31 Jan – 02 Feb 2025 |
| 46 | Research Methodology Workshop | DHR - AFMC, Pune | 24-26 Sep 2024 |
| 47 | 69th Annual National Conference – IPHACON 2025 | KLE Convention Centre, Belagavi, Karnataka | 21-23 Mar 2025 |

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| 48 | Capacity Building Program on Spatial Health and Epidemiology | Central University of Gujrat, Vadodara | 15-19 Sep 2025 |
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DATA SCIENCE REALATED WORKSHOPS/ COURSES

| S. No | Course | Centre | Date |
|--------------|--|--|-----------------------------|
| 01 | Analyzing Medical and Health Data with R | SCTIMST, Trivandrum | 16-17 May 2019 |
| 02 | Analyzing Medical and Health Data using R | SCTIMST, Trivandrum | 17-20 Dec 2019 |
| 03 | Use of bibliographic software; hands-on training with Zotero | SCTIMST, Trivandrum | 07 Jan 2020 |
| 04 | Certification Programme on "Engineering with Python" | International Centre for Free and Open Source Softwares (ICFOSS) | 21- 29 May 2020 |
| 05 | Certification Programme on "Machine Learning through FOSS" | International Centre for Free and Open Source Softwares (ICFOSS), Trivandrum | 01-09 June 2020 |
| 06 | Data Analysis using R | SCTIMST, Trivandrum and FETP programme, India | 06 Cohorts conducted |
| 07 | Spatial Epidemiology Using R for Health Professionals | SCTIMST, Trivandrum | Conducted on 09-10 Dec 2022 |
| 08 | Public Health Data Science Mentorship Initiative | IPHA, Kolkata | Conducted on 09 Apr 2023 |
| 09 | Health Data Analytics | AIIMS, Kalyani | Conducted on 04-06 Dec 2023 |
| 10 | R for Social Scientists | FLAME univeristy, Pune | Conducted on 16 Jan 2024 |
| 11 | Spatial Epidemiology using R | IAPSMCON, KEM, Mangalore | Conducted on 06 Feb 2024 |
| 12 | Communicating research using R | IAPSMCON, KEM, Mangalore | Conducted on 07 Feb 2024 |
| 13 | Time series forecasting using R | IPHACON, ABVIMAS, Manali | Conducted on 14 Mar 2024 |
| 14 | Workshop: AI and Startups in HealthCare | Illuminati, AFMC, Pune | Conducted on 22 Mar 2024 |

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| 15 | Big data and Data Science: Basics and Advanced | CDAC Noida | Jun-Aug 2025 |
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