**Dr. Rama Shankar Rath.**

MBBS., M.D. (Community Medicine)

**Date of Birth** : 14th May 1985

**Gender** : Male

**Nationality** : Indian

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**Address** : Department of Community Medicine & Family Medicine, Academic Block, All India Institute of Medical Sciences, Gorakhpur, Uttar Pradesh

**Email I.D.** : ramashankar.aiims@gmail.com

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**Life Member of** : IAPSM, IPHA, World NCD Federation, Indian Epidemiological Association

**Research gate** :<https://www.researchgate.net/profile/Rama_Rath2>

**Current Position** : Assistant Professor, Department of Community Medicine & Family Medicine, All India Institute of Medical Sciences, Gorakhpur, Uttar Pradesh

**Past Position** : Public Health Consultant, Aspirational District Support Project, AIIMS, Bhubaneswar, Odisha

**Language** : English, Hindi, Odia

**Educational Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Degree | Year | Institute  | Marks  | Attempts  |
| M.B.B.S. | 2011 | M.K.C.G. Medical College, Berhampur, Odisha | 65.4% | 1st  |
| M.D. (Comm. Med.) | 2015 | All India Institute of Medical Sciences, New Delhi | ---- | 1st  |

**Part time Courses:**

|  |  |  |
| --- | --- | --- |
| Course | Year | Institute  |
| Quantitative methods in public Health  | 2013 | Harvard University  |
| Health for All | 2013 | John Hopkins Bloomberg School of Public Health  |
| Epidemics  | 2014 | University of Hong Kong |
| Vaccine trials | 2014 | John Hopkins Bloomberg School of Public Health |

**Trainings Attended:**

|  |  |
| --- | --- |
| **Training** | **Organizer** |
| 24hr. dietary recall | Indian Dietics Association  |
| Good Clinical Practice  | Dept. of Science and Technology and Translational Research Institute, Faridabad |
| HIV estimation and projection | National AIDS Control Organization, Govt. of India |
| Point of Care Quality Improvement in Health Care | Department of Pediatrics, All India Institute of Medical Sciences, New Delhi |
| Training of Trainers: Mothers Absolute Affection  | Govt. of India  |
| National Trainer for Ayushman Bharat | Govt. of India |
| National Trainer for Eat Right  | Govt. of India |
| National Good Clinical Practices | Govt. of India |

**Achievements:**

1. Recipient of Prestigious **Basu Malik prize** for securing highest marks in **Pathology** in the 2nd professional examination in the university
2. Recipient of **WHO / IEA scholarship** to attend XII SEA Regional Scientific Meet of IEA, Bangkok, Thailand
3. During Senior Residency, Primary Health Center achieved Kayakalp Commendation Award in 2018
4. During Senior Residency, Primary Health Centre received National Quality Assurance Standards in 2018

**Experience:**1. One year of rotatory internship in Maharaja Krushna Chandra Gajapati Medical College, Berhampur Odisha

2. Three years of teaching experience in AIIMS, New Delhi as Senior Resident

3.One year of administrative experience as Medical Officer In-charge in implementing National Health Programs at grass root level

4. One and half year experience in implementation of national program at the subdistrict level.

5. Three years Research Experience in various types of research activities Post-MD at AIIMS, New Delhi as Senior Resident

6. Four-month experience in monitoring and evaluation of national health programme at national level at National Vector Borne Disease Control Programme at Dte of NVBDCP

7. Six-month experience in monitoring and evaluation of national programme at the state level at AIIMS, Bhubaneswar

**Proficiency Level:**

Monitoring and evaluation of national programs: Intermediate

Data Analysis Software

1. SPSS: Advanced
2. STATA: Advanced
3. RevMan: Advanced
4. Spectrum (HIV trend Analysis): Advanced

Survey Data Analysis: Advanced

Report Writing: Advanced

Management of Research Team: Intermediate

**Research Activities:**

**Thesis:**

**Title: Community audit of environmental factors for healthful lifestyle and its impact on Non-communicable disease related Behaviour**

Under guidance of:

Dr. Anand Krishnan, Professor, Centre for community Medicine, AIIMS, New Delhi

Dr. Baridalyne Nongkynrih, Professor, Centre for community Medicine, AIIMS, New Delhi

Dr. Puneet Mishra, Professor, Centre for community Medicine, AIIMS, New Delhi

Status: Completed (Nov. 2014)

**Project:**

1. **Title: Effect of Intravenous Iron Sucrose with oral Vit B12 vs IVIS alone on haemoglobin status of severely anaemic (< 8gm%) adolescent girls (11-19 years)**

**PI: Prof. Dr. Shashi Kant**

Co-PI: Prof. Dr. Umesh Kapil, Dr. Partha Haldar, **Dr. Rama Shankar Rath**, Dr. Farhad Ahamed

Status: Completed.

1. **Title: Depression and Health related quality of Life among hypertensive and diabetic patients**

**PI: Prof. Dr. Puneet Misra**

Co-PI: Prof. Dr. Shashi Kant, Dr. Sanjai K Rai, Dr. Bhushan Kamble, **Dr. Rama Shankar Rath,** Dr. Sunita Dhaked

Status: Completed.

1. **Title: M-health interventions in improving disease outcome in Diabetes: A systematic review and Metanalysis**

Funded by ICMR

Status: Cont.

1. **Title:** **Prevalence of urinary carriage of urobacteria and antibiotic resistance pattern among the outpatient attendees of All India Institute of Medical Sciences, Gorakhpur**

Funding: None

Status: Cont.

1. **Title:** **A Study on prevalence of asymptomatic and Low-density malaria parasite infection in community and its transmission potential in Bareilly District, Uttar Pradesh**

Funding: Malaria Elimination Research Alliance (MERA), Indian Council of Medical Research

Status: Cont.

**Publications (Chronologically):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Publication** | **Citations** | **Publication Type** | **Indexed/ Non-Indexed** |
| **1.** | **Rath R.S.,** Singh M, Rizwan S. A., Lohiya A, Gopal G, Silan V, Evaluation of state run STI/RTI Clinics in the state of Haryana, India through a supportive supervision approach, Indian Dermatol Online J. 2014 Oct: 5(4)  | **4** | **N** | **PubMed** |
| **2** | Rizwan S., **Rath RS**, Vivek G, Nitika, Anant G, Farhad A, Vijay S, KAP study on sexually Transmitted Infection / Reproductive Tract Infections (STIs/ RTIs) among married women in Rural Haryana, Indian Dermatol Online J. 2015 Jan- Feb: 6(1): 9-12  | **25** | **N** | **PubMed** |
| **3** | Panda PK., Agarwall M.K., Goyal L.K., Nawal C.L., **Rath Rama S.** To Study relation of HbA1c with cardiovascular disease risk factors in non- diabetic subjects of Northern-India having coronary artery diseases, Sch. J. App. Med. Sci., 2016;4(5D: 1720-1725) | **0** | **N** | **NI** |
| **4** | Shakthivel N, Amarnath AM, Ahamed F, **Rath R.S.**, Sethuraman AR. Rizwan AS. Level of perceived stress and coping strategies prevailing among 1st year medical undergraduate students: A cross-sectional study from south India. Int J Med. Public Health. 2017; 7(2):111-5 | **15** | **I** | **PubMed** |
| **5** | Sanjay S, Khandpur S., Arava S., **Rath R.S.**, Ramam M., Singh M., Sharma V.K., Kabra S.K. Assessment of Histopathological features of maculopapular viral exanthema and drug induced exanthem. J. Cutan. Pathol**.** 2017;1-11 | **8** | **I** | **PubMed** |
| **6** | Rizwan SA, Sinha D.N., **Rath R.S.** Aryal K.K. Zaman MM, Gupta P.C., Karki K.B., Venugopal D. Smokeless tobacco use is ‘Replacing’ the smoking epidemic in South East Asia Region, Nicotine and Tobacco Research, ntx 272, <https://doi.org/10.1093/ntr/ntx272> | **23** | **I** | **PubMed** |
| **7** | Malhotra S., Vashist P., Kalaivani M., Gupta N., Senjam S.S., **Rath R.**, Gupta S.K., Prevalence and causes of visual impairment amongst older adults in a rural area of North India: a cross-sectional study, BMJ Open 2018; 8: e018894 | **19** | **I** | **PubMed** |
| **8** | **Rath R.,** Anand K., Nongkynrih B., Misra P. Awareness and implementation status of Cigarette and Other Tobacco Products Act in Northern India: Conference proceedings of 17th World Conference of Tobacco or Health, Tobacco Induced Diseases, 2018 (16, Suppl.) | **0** | **I** | **PubMed** |
| **9** | **Rath R.**, Krishnan A, Nongkynrih B., Misra P., Community environment and its relationship with tobacco use in selected North Indian Communities, Int. J. Non-Commun. Dis. 2018; 3: 21-7 | **1** | **N** | **PubMed** |
| **10** | **Rath R.**, Krishnan A, Nongkynrih B., Misra P., Assessment of implementation status of Cigarettes and Other Tobacco Products act (COTPA) and its awareness among residents in a block of Haryana, Indian J Public Health 2018;62:100-3 | **5** | **N** | **PubMed** |
| **11** | Malhotra S., Vasist P., Gupta N., Klaivani M., **Rath R.**, Gupta S., Prevalence and causes of visual impairment among adults aged 15-49 years in a rural area of North India: A population-based study, Indian J Ophthalmol, 2018; 66: 951-6 | **19** | **N** | **PubMed** |
| **12** | **Rath R.**, Pathak V., Goel A., Lohiya A., Rizwan SA., How far we are from achieving universal health coverage: A situational analysis and way forward for India. Indian Journal of Community and Family Medicine, 2018; 4 (1) | **0** | **N** | **PubMed** |
| **13** | Haldar P, Kant S, Yadav V, Majhi J, Singh AK, Archana S, Malhotra S, Kaur R, Kumar R, Lohiya A, **Rath R.**, Ahamed F. Effect of intravenous iron-sucrose on hemoglobin level, when administered in a standard-dose, to anemic pregnant women in rural northern India. **J. Family Med Prim Care**, 2018,7: 762-768 | **10** | **N** | **PubMed** |
| **14** | Bhatia V., **Rath R. S.**, Singh A. K. Developing the Underdeveloped: Aspirational Districts Support Program, Indian Journal of Community and Family Medicine, 2019; 5 (1) | **3** | **N** | **NI** |
| **16** | Malhotra S, Kant S, Ahamed F, **Rath R**, Kalaivani M, Gupta SK, et al. (2019) Health behaviors, outcomes and their relationships among young men aged 18-24 Years in a rural area of north India: A cross-sectional study.**PLoSONE** 14(7): e0220285 | **1** | **I** | **PubMed** |
| **17** | Rizwan SA, Sinha DN, Jeyashree K, **Rath RS,** Gupta PC, Kannan S, Agarwal N, Dineshkumar V. Trends in tobacco consumption in India 1987–2016: impact of the World Health Organization Framework Convention on Tobacco Control. **International Journal of Public Health**, DOI: 10.1007/s00038-019-01252-x | **7** | **I** | **PubMed** |
| **18** | **Rath RS**, Solanki HK. Review of Lot Quality Assurance Sampling, Methodology and its Application in Public Health. **Nepal J Epidemiol** 2019;9(3); 781-787  | **1** | **I** | **PubMed** |
| **19** | Malhotra S, Kalaivani M, **Rath R,** Prasad M, Vashist P, Gupta N, et al. Use of Spectacles for Distance Vision: Coverage, unmet needs and barriers in a rural area of North India, **BMC Ophthalmology** (2019) 19: 252 | **0** | **I** | **PubMed** |
| **20** | Kant S, Haldar P, Malhotra S, Kaur R, Rath RS, Jacob OM, Intravenous ferric carboxymaltose rapidly increases haemoglobin and serum ferritin among pregnant females with moderate to severe anaemia: A single arm open-label trial. Natl Med J India 2020; 33:324-8 | **0** | **N** | **Pubmed** |
| **21** | Solanki HK, **Rath RS,** Silan V, Singh SV, Health and Wellness centers: a paradigm shift in health care system in India? **Int J Community Med Public Health**, 2020 Feb; 7(2): 799-805 | **0** | **I** | **PubMed** |
| **22** | Lohiya A, Rizwan SA, **Rath RS**, Jacob O, Chinnakali P, Goel AD, Agarwal S, National and Subnational level prevalence and pattern of drug resistant pulmonary tuberculosis- a systematic review and meta-analysis of Indian, **Journal of Global Antimicrobial Resistance** (2020), doi: <https://doi.org/10.1016/j.jgar.2020.03.008> | **3** | **I** | **PubMed** |
| **23** | Haldar P, Jha S, **Rath RS**, Goswami K, Thakur N, Kumar P, Is Inclusion of informed consent associated with HIV seropositivity rate? findings from 2017 HIV sentinel surveillance among men having sex with men in select states of India, **Indian J Public Health** 2020;64:s22-5 | **0** | **N** | **PubMed** |
| **24** | **Rath RS**, Dixit AM, Koparkar AR, Kharya P, Joshi HS, A comparison of COVID-19 Pandemic Pattern of Selected States, **Nepal Journal of Epidemiology**, 10(2):856-864 | **2** | **I** | **PubMed** |
| **25** | **Rath RS**, Lohiya A, Ahamed F, Kartisen P, Rizwan SA, Public health intervention for COVID-19: Hits and Misses, **Journal of Family Medicine & Primary Care**, 9, 5580-87 | **1** | **I** | **PubMed** |
| **26** | Solanki S, Gopal GP, **Rath RS**, Common Pitfalls in using Online Platforms for Data collection and its implications: **Nepal Journal of Epidemiology**, 10 (4), 930-932 | **0** | **I** | **PubMed** |
| **27** | Kharya P, Koparkar A R, Dixit A M, et al. (June 02, 2021) Impact of Nonpharmacological Public Health Interventions on Epidemiological Parameters of COVID-19 Pandemic in India. **Cureus** 13(6): e15393. DOI 10.7759/cureus.15393  | **0** | **I** | **Pubmed** |
| **28** | S. Kishore, Mohanty A, Hada V, Kumar S, Rath RS, Strategies to provide care to noncovid patients in the COVID era: Evidences from a tertiary care institute in Northern India | **0** | **N** | **NI** |
| **29** | Hada V, Rath RS, Mohanty A, Sahai R, Kumar K et al. Comparison of Positivity Rates of Rapid Antigen Testing and Realtime Polymerase Chain Reaction for COVID-19 during the 1st and 2nd wave of pandemic in Eastern Uttar Pradesh, India, Cureus 13(7): e16206. DOI: 10.7759/cureus.16206 | **0** | **I** | **Pubmed** |

**Citations (Till 13/07/2021)**



Accepted Manuscripts:

1. Kant S., Haldar P., Malhotra S., Kaur R., **Rath R.,** Jacob OM. Intravenous Ferric-carboxymaltose rapidly increases haemoglobin and serum ferritin among pregnant women with moderate – severe anemia a single arm open level trial from India. National Medical Journal of India
2. **Rath RS**, Kumar R, Amarchand R, Gopal GP, Puraskaya DR, Venkatesh V, Choker R, Dey AB, Krishnan A, Frailty Disability and Mortality in a rural community in Northern India: Indian Journal of Community Medicine

**Conferences attended:**

1. **XI SEA Regional Scientific Meet of IEA, Pokhra, Nepal: 2013**

KAP study on sexually Transmitted Infection / Reproductive Tract Infections (STIs/ RTIs) among married women in Rural Haryana (Poster)

1. **IPHACON-2017, Jodhpur**

Community environment and its impact on tobacco related behavior. (Oral)

1. **XII SEA Regional Scientific Meet of IEA, Bangkok, Thailand: 2018**

Does Diet Environment affect our Dietary Practices? (Oral)

1. **17th World Conference on Tobacco or Health WCTOH: 2018 (Cape Town):**

Awareness and implementation status of Cigarette and Other Tobacco Products Act in Northern India (e-poster)

1. **IPHACON-2020, New Delhi**

Delays in treatment initiation and its relation to Treatment outcome among smear positive newly diagnosed cases in a Tuberculosis Unit in Northern India: A Secondary Data Analysis (Poster)

**Training and Teaching:**

**Currently national trainer for**

1. Community Processes (CHO modules)
2. Induction Module for CHO
3. Eat Right training module
4. Mothers Absolute Affection