


<b><u>CURRICULUM VITAE</u></b>		
<b>Name</b>	Prof. Arvind Pandey	
<b>Designation</b>	National Chair (Medical Statistics), ICMR,  Former Director, ICMR- National Institute of Medical Statistics, New Delhi	
<b>Address</b>	283 City View Apartments, Sector 35, NOIDA, UP 201301	
<b>Telephone / Mobile</b>	+91 9818 253969, +91 9873 273969, +91 120 457 1985 (Res.)	
<b>E-mail</b>	<a href="mailto:arvindp.nims@gmail.com">arvindp.nims@gmail.com</a>	
<b>Date of Birth</b>	January 2, 1955	
<b>Citizenship</b>	Indian	

#### **Academic Qualifications (Retrospective):**

<b>Course/Degree (Subject)</b>	<b>Year</b>	<b>Institution /University</b>
Ph.D. (Statistics)*	1981	Banaras Hindu University, Varanasi, India
M.Sc. (Statistics)	1976	Banaras Hindu University, Varanasi, India
B.Sc. (Statistics)	1974	Banaras Hindu University, Varanasi, India
*Title of the Ph.D. thesis: A Study of Some Probability Models for Birth Intervals		

#### **Advanced Training:**

Postdoctoral Fellow	1986-88 (2 years)	Dept. of Biostatistics & Carolina Population Center, University of North Carolina at Chapel Hill, USA
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**Area of Specialization:** Biostatistics & Population Studies

**Professional Experience (Retrospectively):**

Nov. 1, 2019 – to date	National Chair (Medical Statistics)	Indian Council of Medical Research, New Delhi
Aug. 5, 2019- Dec. 15, 2019	National Consultant (Statistical Expert)	WHO, India, New Delhi*
April 5, 2018 – July 31, 2019	Independent Consultant	Swasti Health Catalyst – USAID Project** New Delhi.
April 5, 2017 – April 4, 2018	Advisor to DG, ICMR	National Institute of Medical Statistics (NIMS), ICMR, Ansari Nagar, New Delhi 110 029
May 12, 2000 – Jan. 31, 2017	Director (Addl. DG / Scientist H Level Scientist)	National Institute of Medical Statistics (NIMS), ICMR, Ansari Nagar, New Delhi 110 029
April 17, 1998 – May 11, 2000	Professor	International Institute for Population Sciences (IIPS), Mumbai 400 088
August 1, 1989 – April 16, 1998	Reader (Associate Professor)	International Institute for Population Sciences (IIPS), Mumbai 400 088
May 31, 1982 – July 31, 1989	Lecturer (Assistant Professor)	International Institute for Population Sciences (IIPS), Mumbai 400 088
Sept. 9, 1981 – May 29, 1982	Research Associate	Dept. of Statistics, Banaras Hindu University (BHU), Varanasi 221 005
<p>*For the survey on core competency assessment including barriers and facilitators of midwifery care providers and tutors for providing quality midwifery Services in India.</p> <p>**To undertake analysis of National Family Health Survey, 2015-16 (NFHS-4) data and develop state level reports on the status of urban poor in India.</p>		

**Visiting Professors to Academic Institutions:**

September 19-24, 1996	Visiting Professor	UNFPA sponsored programme on Population & Development, Centre for Development Studies (CDS), Trivandrum, India
November 22-26, 1999	Visiting Professor	Department of Statistics, Calcutta University, Calcutta

## Honours/Awards

Year	Honours/ Award/Fellowship
2021	<b>Prof. C. Chandrasekaran Memorial Oration</b> , International Institute or Population Sciences, Mumbai, 26 <sup>th</sup> February 2021.
2020	<b>Prof. P.V. Sukhatme National Award of the Ministry of Statistics &amp; Programme Implementation, Govt. of India for life time contribution in the field of Statistics.</b>
2014	Prof. S.K. Bhattacharya Memorial Oration of the Indian Society for Medical Statistics (ISMS) in its 32 <sup>nd</sup> Annual Conference held at University of Jammu, Jammu on 1-3 November 2014.
2012	Prof. George Simon Memorial Oration of the Indian Association for the Study of Population (IASP) in its 34 <sup>th</sup> Annual Conference held at Gokhale Institute of Politics & Economics, Pune on 13-15 December 2012.
2011	Prof. Ramakumar Memorial Oration of University of Kerala, Thiruvananthapuram, Kerala on 6 <sup>th</sup> December 2011.
2010	Fellow of the Indian Society for Mathematical Modelling and Computer Simulation (FSMMCS).
2009	Fellow of the National Academy of Medical Science (FAMS).
2004	Fellow of the Royal Statistical Society (FRSS), UK.
1998	Fellow of the Indian Society for Medical Statistics (FSMS).
1986	Fellow of the Rockefeller Foundation for advanced training in Biostatistics, University of North Carolina at Chapel Hill, USA.
1985	Young Scientist Award of the Indian Science Congress Association at its 72 <sup>nd</sup> convention on 8 January 1985 at Lucknow University, Lucknow, India.
1985	Malviya Memorial Foundation Award of the Banaras Hindu University, Varanasi, conferred on its Foundation Day on 14 February

### Area of Teaching:

1. Biostatistics & Population Dynamics,
2. Evaluation Research,
3. Sample Surveys.

### Area of Research:

1. Epidemiology of HIV/ AIDS,
2. Child Survival and Reproductive Health.

3. Programme Evaluation.
4. Epidemiological Studies on Communicable and Non-Communicable Diseases and Nutrition,
5. Clinical Biostatistics.

**Ph.D. Guidance:** 19 (18 awarded + 1 Submitted) (list enclosed as Annexure-I)

### **Establishment of National Data Repository**

- Established the Clinical Trials Registry – India (CTRI) with the financial support from ICMR, DST and the WHO, for the registration of all the clinical trials by the clinicians, researchers, and industry. The website for the same [www.ctri.in](http://www.ctri.in) has been connected to WHO URL on 20<sup>th</sup> July 2007.
- **Member, Search-cum-Selection Committee to select Vice Chancellor of Sant Gadge Baba University, Amaravati, Maharashtra, 2016.**
- **Chairman National Working Group for the HIV/AIDS Burden Estimation in India (2003-17)**
- **Member/Chair of following National Technical Advisory Groups / Committees:**

<b>Year</b>	<b>Designation</b>	<b>Name of Research/Working Committee</b>
2021-23	Co-Chair	Technical Advisory Committee, National Family Health Survey, 2021-22 (NFHS-6), Ministry of Health & Family Welfare (MoHFW), Govt. of India, New Delhi.
2019-21	Chair	Institutional Review Board (IRB), National Institute of Health & Family Welfare, New Delhi
2019-21	Co-Chair	Technical Advisory Committee, National Family Health Survey, 2018-19 (NFHS-5), Ministry of Health & Family Welfare (MoHFW), Govt. of India, New Delhi.
2020-21	Chair	Institutional Ethics Committee (IEC), Apollo Indraprastha Hospital, New Delhi
2019-20	Chair	Technical Groups to guide on robust reporting of low birth weight for India, MoHFW, Govt. of India, New Delhi.
2020-21	Member	Task Force related with Sub-National Disease-Free Certification for Tuberculosis, MoHFW, New Delhi.
2020-21	Member	National Task Force on Covid-19: Operations Research, ICMR, New Delhi
2018-20	Chair	Expert Group for deliberating the national factsheet prepared by pooling data from DLHS-4 and Annual Health Survey (AHS), MoHFW, Govt. of India, New Delhi.

2019-20	Member	Advisory Committee, Centre of Excellence in Public Health Nutrition, National Institute of Technology, Rourkela.
2019-20	Member	MOHFW's Committee to restructure the academic department and suggest improvement in the quality of research, teaching and training at IIPS, Mumbai.
2018-20	Member	Expert Group on HIV Self Testing in India, NACO, MoHFW, New Delhi
2018-20	Member	Expert Group of ICMR's Task force project entitled "Effect of outdoor air pollution on acute respiratory symptoms in Delhi: A multisite study, ICMR, New Delhi.
2018-20	Member	National Operational Research Committee to provide inputs in identifying, reviewing and designing research proposals related to RNTCP at the MoHFW, New Delhi.
2018-19	Member	Committee of Experts to propose a system to improve Civil Registration System (CRS) and Medical certification of Cause of Death (MCCD) in India, at the Ministry of Health & Family Welfare, New Delhi.
2017-18	Member	Advisory Council, Population Foundation of India, Qutab Institutional Area, New Delhi.
2017-18	Member	Working Group, National Sample Survey Office, Ministry of Statistics & Programme Implementation, New Delhi.
2015-16	Co-chair	Technical Advisory Group, Comprehensive National Nutrition Survey (CNNS), Ministry of Health & Family Welfare, New Delhi & UNICEF, India Country Office, New Delhi.
2014-16	Chair	Expert Group for the Estimation of Annual Blood Requirement in India, Ministry of Health & Family Welfare, New Delhi.
2014-16	Member	Data Safety Monitoring Board of "A randomized double blind, placebo-controlled Phase-I clinical study to evaluate the safety, tolerability and pharmacokinetics of ZYAN1, a novel PHD-2 inhibitor following oral administration in healthy volunteer, Zydus Cadila Health Care Limited, Ahmedabad, Gujrat.
2014-15	Chair	Expert Group on Drug Safety for the countrywide survey to estimate extent of spurious / not of standard quality of drug in India, Ministry of Health & Family Welfare, New Delhi.
2014-15	Member	Expert Group Committee for the Establishment of National Institute of Health Intelligence/Informatics (NIHI) from Central Bureau of Health Intelligence (CBHI), Ministry of Health & Family Welfare, New Delhi.
2014-15	Member	Expert Group on Population Projection, India, Ministry of Health & Family Welfare & Office of the Registrar General of India, New Delhi.

2013-14	Member	Technical Advisory Group, National Mental Health Survey (NMHS), Ministry of Health & Family Welfare at National Institute of Mental Health & Neuro-Science (NIMHNS), Bangalore.
2012-13	Member	Technical Advisory Committee, National Family Health Survey Fourth Round (NFHS-4), Ministry of Health & Family Welfare, New Delhi.
2011-12	Member	Technical Resource Group on Research and Development, National AIDS Control Organization (NACO), Ministry of Health & Family Welfare, New Delhi.
2011-12	Chair	Research Fellowship Scheme of the National AIDS Control Organization (NACO), Ministry of Health & Family Welfare, New Delhi.
2011-12	Member	Technical Advisory Committee, India Human Development Survey II, National Council of Applied Economic Research, New Delhi.
2010-11	Member	Technical Advisory Committee, Fourth Round of the District Level Household Survey (DLHS-4), Ministry of Health & Family Welfare, New Delhi.
2010-11	Member	Course Curriculum Review Committee, International Institute for Population Sciences, Mumbai
2010-11	Co-Chair	Consultative Group on Estimation of Malaria Burden and related Deaths, SEARO, WHO.
2010-11	Member	Expert Committee on Estimation of Malaria Deaths in India at the National Vector borne Disease Control Programme (NVDCP), Ministry of Health & Family Welfare.
2010-11	Member	Advisory Council of Indian Institute of Public Health, Delhi (IIPH-D), Public Health Foundation of India (PHFI), New Delhi.
2008-11	Chair	Taskforce in Statistics, Indian Council of Medical Research, New Delhi.
2010-11	Chair	Institutional Ethical Committee at the Futures Group, USAID, New Delhi.
2003-19	Member	Fellowship Committee of the Indian Society for Medical Statistics.
2007-08	Member	Science & Technology Advisory Group (STAG), Evidence to Action by UNAIDS, UNICEF, WHO & ADB, Asia Pacific Regional Office, Bangkok.
2007-09	Chair	Technical Advisory Committee on Sampling Methodology for the Assessment of Yaws Eradication Programme at National Institute of Communicable Diseases (NICD), MOHFW, New Delhi.
2006-07	Member	Reference Group on Modelling and Projections of HIV/ AIDS, UNAIDS, Geneva.

2007-08	Member	Review Committee on the Expected Level of Achievement (ELA) for Family Planning, Ministry of Health & Family Welfare, Govt. of India, New Delhi.
2004-07	Chair	National Family Health Survey, 2005-06 (NFHS-3), Ministry of Health & Family Welfare, Govt. of India.
2005-06	Member	Project Advisory Committee, Department of Science and Technology (DST), New Delhi.
2005-09	Member	Project Advisory Committee of “Youth in India: Situation and Needs Study” at International Institute for Population Sciences (IIPS), Packard Foundation, MOHFW, New Delhi.
2006-09	Member	Technical Advisory Committee on District Level Household Survey on RCH, Ministry of Health & Family Welfare, Govt. of India.
2003-04	Member	Expert Group of the National Population Commission for the State of Orissa.
2001-13	Member	Task Force on HIV Sentinel Surveillance, NACO, Ministry of Health & Family Welfare, Govt. of India.
2005-09	Member	Working Group to Estimate the Excess Death on Account of HIV/ AIDS, NACO, Ministry of Health & Family Welfare, Govt. of India.
2005-07	Member	Task Force on Health Information System, Ministry of Health & Family Welfare, Govt. of India.
2005-06	Member	Technical Advisory Committee on Final Evaluation of CARE-India’s RACHNA project, New Delhi
2003-05	Member	Project Management Group of Health Sector Policy Reforms Options Database (HS-PROD) at the Central Bureau of Health Intelligence (CBHI), Ministry of Health & Family Welfare, Govt. of India
2003-04	Member	Mapping and Size Estimation of IDUs in North-East States of India, Family Health International (FHI) & Indian Council of Medical Research
2002-07	Member	Technical Advisory Group of Investigational New Drug Trial at Dabur Research Foundation, Dabur India.
2002-03	Member	Technical Advisory Group of CHARCA project, UNDP, New Delhi.
2003-04	Member	Technical Advisory Committee on Study Proposals under McArthur & Packard Foundation and Population Council, New Delhi.
2003-04	Member	Steering Committee, National Nutrition Monitoring Board, National Institute of Nutrition, ICMR, Hyderabad.
2001-03	Member	Working Group on the Community Based Study on STI Prevalence in India, NACO, Ministry of Health & Family Welfare, Govt. of India.

2002-05	Member	Technical Group on Population Projection, National Commission on Population, Govt. of India.
2001-03	Member	Task Force on Social & Behavioural Research in Reproductive Health, Indian Council of Medical Research, New Delhi.
2002-07	Member	Task Force in Statistics, Indian Council of Medical Research, New Delhi.
2001-02	Member	Project Advisory Committee of National Household Survey on Patterns and Trends in Drug Abuse in India, UNDCP under the Ministry of Social Justice and Empowerment, Govt. Of India.
2002-03	Member	Technical Advisory Committee of End Line Survey of Eighth India Population Project (IPP-VIII), Ministry of Health & Family Welfare, Govt. of India.
2000-01	Member	Technical Advisory Committee of End Line Survey of Integrated Nutrition Health Project, CARE-India
2002-03	Member	Technical Advisory Committee of the Pilot Survey for Estimation of Maternal Mortality Ratio (MMR) in India, MOHFW, Govt. of India, New Delhi.
2002-03	Member	Technical Advisory Group of Base Line Survey of <i>Chayan</i> component of <i>Rachana</i> of Integrated Nutrition Health Project, CARE-India
2002-05	Member	Technical Advisory Committee of the World Food Programme Evaluation of the Food Fortification Impact on Child Health through ICDS in India.
2003-05	Member	Technical Advisory Group of Environmental Health Project, USAID
2001-02	Member	Technical Advisory Group of UNFPA Projects in Selected States of India
2000-01	Member	Working Group on Strengthening Monitoring and Evaluation System for Social Sector Development Schemes during X Five-Year Plan on Programme Evaluation, Planning Commission, Govt. of India
2000-01	Member	Working Group on Implementation of Population Policy and Rapid Population Stabilization, Ministry of Health & Family Welfare, Govt. of India
2000-01	Member	Working Group for the finalization of X Five-Year Plan document of the Dept. of Family Welfare, Ministry of Health & Family Welfare, Govt. of India.

#### Other professional responsibilities/activities

Sl. No.	Position	Professional Body
1	President	Indian Society for Medical Statistics (ISMS), 2009-2010



2	President	Indian Association for the Study of Population (IASP), 2006-08, 2008-10
3	Life Member	Board of Trustee, Indian Association for the Study of Population (IASP), since 2018-19.
3	Chief Editor	Demography India (Journal of the Indian Association for the Study of Population), 2002-2007
4	Chief Editor	Bulletin of the Indian Society for Medical Statistics (1994-98)
5	Vice President	Indian Association for the Study of Population (2000-02, 2002-04)
6	General Secretary	India Association for the Study of Population (1996-98)
7	Coordinator	National Family Health Survey, 1992-93 (NFHS-1) Workshop on Infant & Child Mortality in India
8	Coordinator	Short-term Training Programmes, IIPS, Bombay, 1996-98
9	Coordinator	National Family Health Survey, 1998-99 (NFHS-2)

#### **Membership of National and International Professional Bodies:**

<b>Sl. No.</b>	<b>Name of the professional body</b>
1	International Epidemiological Association
2	International Biometric Society
3	International Union for the Scientific Study of Population
4	Population Association of America
5	Indian Association for the Study of Population
6	Indian Society for Medical Statistics
7	National (India) Academy of Medical Sciences
8	Indian Public Health Association
9	Indian Association of Preventive and Social Medicine
10	Indian Science Congress Association
11	Indian Society for Mathematical Modelling and Computer Simulation
12	Indian Society of Probability and Statistics

#### **Participation in Overseas International Meetings/Workshops/Conferences**

2019 WHO Regional Consultation on GPW13 Framework at Delhi 28-29 November 2019.

2018 WHO Working Group on Causes of Death by Verbal Autopsy & technical Meeting of Mortality

- Data Analysis with Verbal Autopsy* at US Bureau of Labour Statistics, Washington DC, 10-14 September 2018.
- 2017 *WHO Working Group on Causes of Death by Verbal Autopsy*, Meeting at WHO HQ, Geneva, 18-19 September 2017.
- 2016 *UNAIDS Reference Group on Modelling, Estimation & Projection*, Fall Meeting at New York, 8-9 November 2016.
- 2016 *WHO Reference Group on Global Health Statistics* Second Meeting at the Office of the WHO in Geneva, 14-16 March 2016.
- 2014 *XX International AIDS Conference* held at Melbourne, Australia, 20-25 July 2014.
- 2013 *WHO Reference Group on Global Health Statistics* First Meeting at the Office of the WHO in Geneva, 9-10 December 2013.
- 2012 *XIX International AIDS Conference* held at Washington DC, USA, 22-27 July 2012.
- 2011 *Drug Information Association Conference on Continuing Education Programme of "Evolving Clinical Trial Disclosure Landscape"* held at 900 South One Street, Arlington, VA 22204, USA during September 13-14, 2011.
- 2011 *Workshop on HIV Estimates and Projections*, WHO-UNAIDS South-East Asia Region, at Bangkok, Thailand, 9-13 May 2011.
- 2010 *XVIII International AIDS Conference* held at Vienna, Austria, 18-23 July 2010.
- 2009 *XXVI International Population Conference of International Union for the Study of Population* held at Marrakech, Morocco, 27 September – 2 October, 2009.
- 2009 *Annual Meetings of the Population Association of America* at Detroit, Michigan, USA, 29 April – 2 May 2009 and visits to Institute of Behavioural Science, University of Colorado at Boulder, 3 - 5 May 2009; and University of North Carolina at Chapel Hill, 6-9 May 2009.
- 2008 *XVII International AIDS Conference* held at Mexico City, Mexico, 3-8 August 2008.
- 2008 *Meeting of the UNICEF/WHO/ADB/UNAIDS Regional Advisory Group on Improved Use of Strategic Information to Scale up HIV and AIDS Responses in Asia and Pacific*, Bangkok, 21 January 2008.
- 2007 *International Consultation on Epidemiological Estimates of HIV/AIDS*, Geneva, 14-15 November 2007
- 2007 *VIII International Congress on AIDS in Asia and the Pacific (ICAAP)* at Colombo, Sri Lanka, 19-23 August 2007 (Sponsored by UNAIDS).
- 2006 *Meeting of the UNAIDS/WHO Reference Group on Estimates, Modelling and Projection* at Prague, Czech Republic, 29 November -1 December (Sponsored by UNAIDS).
- 2006 *Workshop of International Obstetric Fistula Working Group Data, Indicators and Research Group*, 11-13 October 2006, Geneva, (Sponsored by the UNFPA).
- 2005 *Workshop a proposal for DFID Research Programme Consortia on 'HIV and AIDS Treatment and Care Services*, December 14-15 (Sponsored by the University of Southampton, UK).
- 2005 *XXV International Population Conference of the International Union for the Study of Population* held at Tours, France 18-23 July.

- 2005 Workshop on *Methods for HIV/AIDS Estimates and Projections*, at Bangkok, April 18-20 (Sponsored by the WHO).
- 2004 Meeting of the *UNAIDS/WHO Reference Group on Estimates, Modelling and Projection* at Lisbon, 8-10 December (Sponsored by UNAIDS).
- 2004 Annual Meeting of the *Population Association of America* at Boston, March 30 – April 1.
- 2004 Conference on *New Strategies for HIV/AIDS Surveillance in Resource Constrained Countries* at Addis Ababa, 26-30 January (Sponsored by WHO).
- 2003 Workshop on *Methods for HIV/AIDS Estimates and Projections*, at Bangkok, June 16-18 (Sponsored by UNAIDS).
- 2001 Annual Meeting of the *Population Association of America* at Washington DC, March 29-31 (Sponsored by the Indian Council of Medical Research).
- 1996 Seminar on Innovative Approaches to the Assessment of Reproductive Health organised by *IUSSP Committee on Reproductive Health and Population Institute of the University of Philippines* at Manila, Philippines, Sept. 24-27.
- 1996 Workshop on Determinants of Fertility under India's National Family Health Survey, 1992-93 (NFHS-1), *East-West Center, Honolulu, Hawaii, USA*, Jan. 15 – Feb. 2, 1996.
- 1994 The Annual Meeting of the *Population Association of America* at Miami, Florida, May 5-7.
- 1992 Workshop on "Leading Indicators of Fertility Change" at *Carolina Population Center, UNC, Chapel Hill, USA* during June 18-19.
- 1992 Meeting of the Study on *Birth Interval Dynamics in the Study of Fertility* at Carolina Population Center, UNC, Chapel Hill, June 10-30.
- 1988 The Joint Annual Meeting of the *American Statistical Association and Biometric Society* at New Orleans, Louisiana, USA during August.
- 1988 Annual Meeting of the *Population Association of America* at New Orleans, Louisiana, USA during April.
- 1989 The Joint Annual Meeting of the *American Statistical Association and Biometric Society* at San Francisco, California, USA, during August.

**Publications: 235** [191 in peer reviewed journals + 44 in edited books]

#### **(A) In peer-reviewed journals**

1. P. Kumar, D. Sahu, S. Rajan, MV Rao, C. Das, A. Kumar, N. Chandra, B. Camara, S. Rai, A. Elangovan, SV Godbole, SK Singh, S. KantS, **Arvind Pandey**, DCS Reddy, S.M. Mehendale (2021) District-level HIV estimates using the spectrum model in five states of India, 2017. *Medicine* 2021; Vol: No(e26578). 10 June 2021 <http://dx.doi.org/10.1097/MD.0000000002.6578>.
2. Ashwani Kumar, HK Chaturvedi, AK Mohamty, SK Sharma, MS Malhotra & **Arvind Pandey** (2020) Surveillance based estimation of burden of malaria in India, 2015–2016, *Malaria Journal, BMC*, 2020: 19, 156, <https://doi.org/10.1186/s12936-020-03223-7>.

3. D. Sahu, Pradeep Kumar, Nalini Chandra, Shobini Rajan, D.K. Shukla, S. Venkatesh, Saritha Nair, Anil Kumar, Jitenkumar Singh, Srikanth Reddy, Sheela Godbole, A. Elangovan, M.K. Saha, Sanjay Rai, P.V.M. Lakshmi, T. Gambhir, Savina Ammassari, Deepika Joshi, Amitabh Das, Poonam Bakshi, Sabyasachi Chakraborty, Amol Palkar, S.K. Singh, D.C.S. Reddy, Shashi Kant, **Arvind Pandey** & M. Vishnu Vardhana Rao (2020) Findings from the 2017 HIV estimation round & trend analysis of key indicators 2010-2017: Evidence for prioritising HIV/AIDS, programme in India, *Ind. Journal of Medical Research*. 151, June 2020, pp 562-570, <http://www.ijmr.org.in> July 21,2020, IP: 14.139.60.53DOI: 10.4103/ijmr.IJMR\_1619\_19.
4. Reeta Rasaily, NC Saxena, Sushma Pandey, BS Garg, Saraswati Swain, Sharad D Iyengar, Vinita Das, Sheela Sinha, Subodh Gupta, Anju Sinha, Shiv Kumar, **Arvind Pandey**, RM Pandey, HPS Sachdev, MJ Sankar, Siddarth Ramji, Vinod K Paul, Abhay T Bang, On behalf of ICMR-HBMYI Study Group (2020) Effect of home-based newborn care on neonatal and infant mortality: A cluster randomised trial in India, *BMJ Glob Health* 2020; 5: e000680. <https://doi:10.1136/bmjgh-2017-000680>.
5. Padum Narayan, D.C. Nath & **Arvind Pandey** (2020) Effect of contraceptive use on fertility in India: A parity progression ratio life table analysis, *Int. Journal of Research & Analytical Reviews*, [www.ijar.org](http://www.ijar.org) (E-ISSN 2348, P-ISSN 2349-5138) May 2020, Vol. 7(2), pp. 25-31.
6. Padum Narayan, D.C. Nath, K.K. Das & **Arvind Pandey** (2020) Effect of son preferences on the family building process in India: A parity progression ratio analysis, *Int. Journal of Research & Analytical Reviews*, [www.ijar.org](http://www.ijar.org) (E-ISSN 2348, P-ISSN 2349-5138) June 2020, Vol. 7(2), pp. 449-453.
7. Li Liu, Yue Chu, Shefali Oza, Dan Hogan, Jamie Perin, Diego G Bassani, Usha Ram, Shaza A Fadel, **Arvind Pandey**, Neeraj Dhingra, D. Sahu, Pradeep Kumar, Richard Cibulskis, Brian Wahl, Anita Shet, Colin Mathers, Joy Lawn, Prabhat Jha, Rakesh Kumar, Robert E Black, Simon Cousens (2019) National, regional, and state-level all-cause and cause-specific under-5 mortality in India in 2000–15: a systematic analysis with implications for the Sustainable Development Goals, [www.thelancet.com/lancetgh](http://www.thelancet.com/lancetgh) *Lancet* Vol 7, June 2019, pp. e722-e733.
8. Ransi AA, PK Agrawal, Rajib Acharya, Avina Sarna, Sowmya R, Robert Johnston, Arjan de Wagt, Nizamuddin Khan, Akash Porwal, Sucheta BK, **Arvind Pandey**, Raghu P, K. M. Nair, Geeta Trilok Kumar, HPS Sachdev, Umesh Kapil, Renu Saxena, Sila Deb, Ajay Khera, Lakshmy R (2019) Effect of temperature and time delay in centrifugation on stability of select biomarkers of nutrition and non-communicable diseases in blood samples, <https://doi.org/10.11613/BM.2019.020708> *BiochemMed(Zagreb)*;29(2):020708
9. NCD Risk Factor Collaboration (NCD-RisC) (2019) Rising rural body-mass index is the main driver of the global obesity epidemic in adults, <https://doi.org/10.1038/s41586-019-1171-x>, *Nature*, 260, Vol 569, 9 May 2019.
10. Padum Narayan, V. Chakrapani, Sarvanamurthy P.S., R.G Washington & **Arvind Pandey**, (2018) HIV testing referrals and uptake among key populations accessing HIV prevention

projects in India: A retrospective analysis of national HIV programmes data, SciFed *Journal of AIDS & HIV Research*, Open access, 2018, Vol. 2, Issue 3-1000013, <http://scifedpublishers.com/journals/scifed-journal-of-aids-hiv-research>

11. **Arvind Pandey**, Neeraj Dhingra, Pradeep Kumar, D. Sahu, D.C.S. Reddy, et al. (2017) Sustained progress but no room for complacency: Results of 2015 HIV estimations in India, *Indian Journal of Medical Research*, 146, July 2017, pp.83-96, available at [http://DOI:10.4103/ijmr.IJMR\\_1658\\_16](http://DOI:10.4103/ijmr.IJMR_1658_16).
12. Padum Narayan, **Arvind Pandey**, D.C. Nath & Saritha Nair (2017) Parity progression analysis to study the urban-rural differential in fertility in Uttar Pradesh, *Jansamkhyā*, Vol. 35, pp. 1-16.
13. Kiran Katoch, Abha Aggarwal, V.S. Yadav & **Arvind Pandey** (2017) National sample survey to assess the new case disease burden of leprosy in India, Special Report, *Indian Journal of Medical Research*, 146, November 2017, pp. 585-605, available at [http://Doi:10.4103/ijmr.IJMR\\_1496\\_16](http://Doi:10.4103/ijmr.IJMR_1496_16).
14. RM Anjana, M. Deepa, R. Pradeepa, J. Mahanta ..... **Arvind Pandey**, RS Dhaliwal, T Kaur, Soumya Swaminathan (2017) Prevalence of diabetes and prediabetes in 15 states of India: results from the ICMR-INDIAB population-based cross-sectional study, *the Lancet.com/diabetes-endocrinology* on June 8, 2017, online/[http://dx.doi.org/10.1016/S2213-8587\(17\)30190-0](http://dx.doi.org/10.1016/S2213-8587(17)30190-0).
15. Saza A Fadal, Reeta Rasailly, Shally ..... **Arvind Pandey**, F Ram, Usha Ram ..... Prabhat Jha (2017) Changes in cause-specific neonatal and 1-59-month child mortality in India from 2000 to 2015: a nationally representative survey, *the Lancet.com*, September 19, 2017, [http://dx.doi.org/10.1016/50140-6736\(17\)32162-1](http://dx.doi.org/10.1016/50140-6736(17)32162-1).
16. Partha De, D. Sahu, **Arvind Pandey**, B.K. Gulati, Nomita Chandhiok, Arvind Kumar Shukla, Pavitra Mohan, RG Mitra (2016) Post millennium development goals prospect on child mortality in India: An analysis using autoregressive integrated moving averages model *Health*, 2016, 8, 1845-1872, <http://www.scirp.org/journal/health>: 1949-5005, ISSN Print: 1949-4998.
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- 3 *Under Nutrition in Children Under 2 Years (U2) in India: An Analysis of Determinants*, National Institute of Medical Statistics, ICMR, New Delhi & Public Health Nutrition and Development Centre, New Delhi, 2014.
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Ph.D. Guidance: 19 (Retrospective list)

Year	Topic of Research	Name of the Scholar	Name of the Institution
2021	Multivariate Modelling to Study Variations in Parity Progression Ratios in India	Padum Narayan	Dept. of Statistics, Guahati University (Submitted)
2017	Emerging HIV Epidemics in India	Dr. Yujwal Raj	GGs Indraprastha University, Dwarka, New Delhi
2016	Breastfeeding and Child Survival in India	Dr. Nomita Chandhiok	GGs Indraprastha University, New Delhi
2016	Multilevel modelling to identify the factors associated with neonatal and post-neonatal mortality	Bhaskar Thakur	Dept. of Biostatistics, All India Institute of Medical Sciences, New Delhi (Co-Guide)
2013	Modelling HIV Epidemic in India: Transmission and Population Dynamics	Ram Manohar Mishra	Dept. of Statistics, M.D. University, Rohtak, Haryana
2009	A Biostatistical Study on Pattern of Referral and Timing of Treatment of Cancer Patients with Special Reference to Breast Cancer	Alok Dwivedi	Dept. of Biostatistics, All India Institute of Medical Sciences, New Delhi (Co-Guide)
2007	Biostatistical Aspects of Case Control Study on Unintended Pregnancies	Shahina Begum	Dept. of Biostatistics, All India Institute of Medical Sciences, New Delhi (Co-Guide)
2006	Biostatistical Aspects of Randomized Controlled Clinical Trials on Remnant Ablation in Differentiated Thyroid Cancer	Prem Chandra	Dept. of Biostatistics, All India Institute of Medical Sciences, New Delhi (Co-Guide)
2005	Fertility and Fertility Preferences in India: A Statistical Analysis for the Programme Management	N.N. Pandey	Purvanchal (Eastern) University (Uday Pratap College), Varanasi, UP
2004	A Class of Statistical Models to Study the Family Planning Acceptance and Unmet Need in Orissa using National Family Health Survey	Ranjana Kar	Utkal University Bhubaneswar, Orissa
2003	Value of Children and Fertility Behaviour in an Agricultural Society: A Study of Bulandshahr District in Uttar Pradesh	Ravendra K. Sharma	International Institute for Population Sciences, Mumbai

2002	Mathematical Models to Study the Childbearing Process Using Vital Statistics	S. Sreenivasan	International Institute for Population Sciences, Mumbai
1999	Infant and Child Mortality in Orissa and Kerala: A Study of the Differences in the Levels, Determinants and Individual Frailty	K.I. Shajy	International Institute for Population Sciences, Mumbai
1998	Death Clustering in Families in Kenya: Implications for Child Survival and Maternal Health	Anne A. Khasakhala	International Institute for Population Sciences
1998	Birth Interval Dynamics in Uttar Pradesh: A Hazard Model Analysis	Ashutosh Ojha	International Institute for Population Sciences
1998	Breastfeeding Practices, Postpartum Amenorrhoea and Fertility Transition in Orissa 1982-93: A Study Based on Two Large Scale Sample Surveys	Damodar Sahu	International Institute for Population Sciences
1997	Client Transactions, Contraceptive Use and Reproductive Behaviour: A Study in the Context of Experimental Bonus Scheme	T.S. Sunil	International Institute for Population Sciences
1996	An Analysis of Reproductive Patterns in India with Special Reference to Goa	S. Rajaram	International Institute for Population Sciences
1995	Puberty and Reproductive Behaviour of Married Women in Sudan: A Study in the Biosocial Context	Samuel C.-J. Otor	International Institute for Population Sciences

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