

Dr. Vineet Kumar Kamal, Ph.D. (AIIMS, New Delhi)
Scientist 'C' (Statistics/Biostatistics)
National Institute of Epidemiology,
Indian Council of Medical Research,
R-127, 3rd Avenue,
Tamil Nadu Housing Board,
Ayapakkam, Chennai-600007, India.
Email: vineetstats@gmail.com
Phone- +91 044 26136214
Mob.+91 9013970773, 9818317746

Educational Details

- **Ph.D. (Biostatistics)** from Department of Biostatistics, All India Institute of Medical Sciences (AIIMS), New Delhi (Passing Year: 2016)
- **Master in Statistics** from Department of Statistics, Patna University, Patna, India with first class (Rank-2) (Passing Year 2008)
- **Bachelor in Statistics Honors** (Main subject: statistics, subsidiary subjects-mathematics, economics) from Patna College, Patna University, Patna, India with first class (Passing Year 2006)

Areas of Research Interests

- Development and validation of prognostic/ predictive models
- Statistical/Biostatistical tools including advanced multivariate methods
- Machine learning methods (Classification and reregression tree (CART), Neural networks, Random forests, etc.)
- Application of statistical methodology and statistical modelling in medicine, public health and social science
- Clinical Trials
- Meta analysis
- Thorough understanding and handling experiences of various statistical analysis methods especially epidemiological, survival analysis methods, clinical trials and methods dealing longitudinal data.
- Population projection, Ageing
- Statistical consultation
 - Experiences in dealing with large data sets
- Stata, R , SPSS, SAS
- To lead in formulating research questions, planning, designing, and analysis of the study
 - Research methodology in Clinical research (Biostatistics), Epidemiological study and Public health

- Developing database through Epi Info
- Project handling and report writing

Research Experiences (more than eight years)

- **June, 2017 to till date: Scientist 'C' (Statistics/Biostatistics) at National Institute of Epidemiology, ICMR, Chennai, India.**
- **October, 2016 to June, 2017: Program Officer (Biostatistics) at International Clinical Epidemiology Network (INCLEN), Executive Office, New Delhi, India.**
 - Statistical consultation for ongoing projects
 - Statistical aspects of a project entitled "Relationship between social capital and body composition in adolescents and young adults living in a society under transition (rural Palwal and urban Faridabad, Haryana): An exploratory study" funded by Indian Council of Medical Research (ICMR, New Delhi).
 - Factor analysis, multilevel modelling, and other multivariable statistical techniques
 - Survey data analysis
 - To train junior statisticians
- **February, 2016 to July, 2016: Research Associate at Public Health Foundation of India (PHFI), New Delhi, India.**
- Worked under the project entitled "Access, Bottleneck, Costs and Equity (ABCE)" and dealt large data set
 - Dealt large data set of Rashtriya Swasthya Bima Yojana (RSBY) a Health Insurance Scheme by Government of India for the Below Poverty Line families and unorganized workers with the objectives to reduce OOP expenditure on health and increase access to health care
 - Disease coding according to Global burden of disease (GBD)
- **July, 2010 to August, 2015: Ph.D. (Biostatistics), All India Institute of Medical Science (AIIMS), New Delhi, India.**
-Title of Ph.D. Research: A Study on appropriate statistical models to determine quality of life and mortality in head injured trauma patients) (Chief Guide: Prof. R. M. Pandey, Professor & Head, Deptt. of Biostatistics, AIIMS, New Delhi)
 - Streamlined the database management system of India's largest tertiary care, level one trauma centre
 - Developed and validated (both internally (bootstrap method) and externally) of statistical models
 - Comparison of four statistical techniques (approaches) i.e., Logistic regression, Classification and regression tree(CART), Artificial neural network(ANN), and combining CART with LR approach in terms of discrimination and calibration
 - For clinical usefulness, a risk score chart was proposed for prediction of outcomes
 - Presented Seminars and Journal club presentations
 - Software used: Stata 12.1, Salford Predictive Modeller 7.0, SPSS 20, and R 3.1.0.
- **January, 2014 to January, 2016: Senior Research Fellow, Department of Biostatistics, AIIMS, New Delhi.**
-Worked in the ICMR funded project entitled "A study on appropriate statistical models to determine in-hospital mortality and outcome at 6 months in head injured trauma patients" at Department of Biostatistics, AIIMS, New Delhi.
 - Writing of proposal for this project after reviewing literature
 - Collection of data including followup data through telephonic interview
 - Development of questionnaire in Epi Info software for entry of data
 - Data cleaning, tabulation, analysis including multivariate statistical models, interpretation and report writing
- **September, 2010 to March, 2013: Statistician, Department of Biostatistics, AIIMS, New Delhi**
-Worked in the ICMR funded project entitled "Newborn Screening for Congenital Hypothyroidism & Congenital Adrenal Hyperplasia: A Multicentric Study" at Department of Biostatistics, AIIMS, New Delhi with data

co-ordinating centre's P.I. Dr. R. M. Pandey, Professor and Head, Department of Biostatistics, AIIMS, New Delhi.

- Coordinating all five centres regarding data collection and tabulation
- Preparation of presentations for meetings
- Data management, cleaning, tabulation, analysis and interpretation for all the centres
- Assisted in report writings

- **June, 2009 to August, 2010: Data Manager, National Institute of Malaria Research (ICMR), New Delhi**
-Worked in the World Bank funded project entitled "Therapeutic Efficacy", with P.I. Dr. Neena Valecha, Director, National Institute of Malaria Research (ICMR), Dwarka, Sector-8, New Delhi .
- Data management, cleaning, tabulation, analysis and interpretation of results
- Helped in statistical analysis and report writings for many manuscripts related to malaria research

- **September, 2008 to March, 2009: Research Assistant, International Clinical Epidemiology Network (INCLIN), Executive Office, New Delhi**
-Worked under the project "Model Injection Centers (MIC)" at International Clinical Epidemiology Network (INCLIN), Executive Office, New Delhi with P.I. Dr. Narendra K. Arora, Executive Director, INCLIN, New Delhi, India.
- Data management and analysis

Consultation Experiences

- **August, 2010 to September, 2016 at Department of Biostatistics, All India Institute of Medical Sciences (AIIMS), New Delhi: As assigned by faculties of my department on daily basis, I did statistical consultancy for teaching faculties/clinicians, social scientists, Ph.D. students, DM/MCH students, MD/MS students, MBBS students, M.Sc. students and other project staffs.**
- Assisted in developing methodology of the study and defined study design
- Calculated sample size and preparation of random number tables for trials using software stata, nQuery, nMaster
- Wrote the statistical analysis plan
- Developed and maintained statistical programs as necessary to perform analyses, to prepare data displays and to verify data accuracy
- Performed statistical analyses and interpreted the results
- Frequently performed per protocol and intention to treat analysis for clinical trial studies analysis, logistic regression analysis, regression analysis, and survival analysis and other multivariate methods using software Stata, SPSS, and R
- Wrote sections of statistical analysis, report writings or publications as needed

Teaching Experiences

- Teaching MPH at National institute of Epidemiology, ICMR, Chennai, India
- Teaching M.Sc. (Biostatistics) at National institute of Epidemiology, ICMR, Chennai, India
- Used to teach Basic Biostatistics in AIIMS-REAP (Research, Ethics & Publication) program organized by Department of IT and Emergency Department, JPN Apex Trauma Centre, All India Institute of Medical Sciences (AIIMS), New Delhi, India
- Provided series of training to the staff on management and using the database; and streamlined the database management system at Jai Prakash Narayan Apex Trauma Centre (JPNATC), AIIMS, New Delhi, India.
- Taught and gave training for preparation of fields of questionnaire in Epi-info for a multicentre project at AIIMS, New Delhi, India
- Took classes and gave training of SPSS to M.Sc. Students at AIIMS, New Delhi, India.
- Assisted in giving training of STATA organized by Department of Biostatistics, AIIMS, New Delhi for teaching Faculties, DM/ MCH Students, MD/MS Students, Ph.D. Students, MBBS Students, and M.Sc. Students

Knowledge of Statistical, Computational Packages, Programming and Database:

Stata, SPSS, R, SAS, nQuery, nMaster, Salford Predictive Modeller, GraphPad Prism, S Plus, Epi info, MedCalc, QGIS, Stat Transfer, C, C++, and JAVA

Awards, Honors, and Fellowship:

- (1) Received CFDC award from the International Society for Clinical Biostatistics (ISCB), Denmark and University of Birmingham, UK for oral presentation at International Society for Clinical Biostatistics Conference held during 21-25 August 2016, Birmingham, UK.
- (2) Selection among 21 international students for the international summer school "The Demography of Health and Education" with full scholarship organized by The Vienna University of Economics and Business (Demography Group) in cooperation with the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU), held at the premises of the Vienna University of Economics and Business (WU) in Vienna from 6 to 15 June 2016 in conjunction with the REVES Meeting 2016.
- (3) Received "Conference award for developing countries" from the International Society for Clinical Biostatistics (ISCB) for oral presentation during ISCB 2015 Annual Conference at University of Utrecht, The Netherland.
- (4) "Best Poster Presentation Award" for poster entitled "Development and validation of a score chart for prediction of Outcomes after severe head injury based on patients admission characteristics" at the 11th International Conference on Urban Health 2014, Manchester, UK.
- (5) Indian Council of Medical Research (ICMR)'s Senior Research Fellowship
- (6) AIIMS Institutional Ph.D. Fellowship
- (7) Rank 2nd in Post graduation
- (8) Got the letter of appreciation for the actively participated in the 57th Institute Day Exhibition entitled "AIIMS Contribution to Health Care" held on 25-27th September 2012

Publications in Peer Reviewed International Journal (Indexed Journals only)

1. Neelima Mishra , Anupkumar R Anvikar , Naman K Shah , **Vineet Kumar Kamal**, Surya Kant Sharma , Harish Chandra Srivastava , Manoj Kumar Das , Khageswar Pradhan , Hemant Kumar , Yogendra K Gupta, Pooja Gupta , Aditya Prasad Dash, and Neena Valecha . Prescription practices and availability of artemisinin monotherapy in India: where do we stand? *Malaria Journal* 2011; 10: 360. Online full paper available (Impact factor: 3.40)
2. Aman Sharma, Renu Madan, Rajeev Kumar, Prem Sagar, **Vineet K Kamal**, Alok Thakar, Atul Sharma, Bidhu K Mohanti. Compliance to therapy -elderly head & neck carcinoma patients. *Canadian geriatrics journal*, volume 17, issue 3, september 2014
3. Tarique, Mohd, Raza Ali Naqvi, K. V. Santosh, **Vineet Kumar Kamal**, Neena Khanna, and D. N. Rao. "Association of TNF- α -308 (GG), IL-10- 819 (TT), IL-10- 1082 (GG) and IL-1R1+ 1970 (CC) genotypes with the susceptibility and progression of leprosy in North Indian population." *Cytokine* 73, no. 1 (2015): 61-65. (Impact factor: 2.874)
4. Shankar, Abhishek, Shubham Roy, Abhidha Malik, **Vineet Kumar Kamal**, Ruchir Bhandari¹ Kunal Kishor, M. K. Mahajan, Jainet Sachdev, Pamela Jeyaraj, and G. K. Rath. "Contralateral Breast Cancer: a Clinico-pathological Study of Second Primaries in Opposite Breasts after Treatment of Breast Malignancy." *Asian Pacific journal of cancer prevention: APJCP* 16, no. 3 (2015): 1207. (Impact factor: 2.514)

5. Amit Sharma, Teena Bhakuni, Ravi Ranjan, Ravi Kumar, Kamal Kishor, **Vineet Kumar Kamal**, Manoranjan Mahapatra, Mohamad Aman Jairajpuri, and Renu Saxena. "Polymorphisms in factor V and antithrombin III gene in recurrent pregnancy loss: a case-control study in Indian population." *Journal of thrombosis and thrombolysis* 39, no. 4 (2015): 481-488. (Impact factor: 2.039)
6. Manoj Kumar, Sanjeev Bhoi, Arulselvi Subramanian, **Vineet Kumar Kamal**, Sujata Mohanty, and D N Rao. Evaluation of Serum Granulocyte Colony Stimulating Factor in Patients admitted with Trauma Haemorrhagic shock. *Int. J. Adv. Res. Biol.Sci.* 2(7): (2015): 107–114. (Impact factor: 1.615)
7. Manoj Kumar, Sanjeev Bhoi, **Vineet Kumar Kamal**, Sujata Mohanty, D N Rao, Sagar Galwankar, and Irshad H. Chaudry. Evaluation of Bone marrow Erythropoietin Receptor in Trauma Hemorrhagic Shock patients. *Int. J. Adv. Res. Biol.Sci.* 2(8): (2015): 43–49. (Impact factor: 1.615)
8. Malik A, Jeyaraj PA, Shankar A, Rath GK, Mukhopadhyay S, Kamal VK. Passive Smoking and Breast Cancer - a Suspicious Link. *Asian Pac J Cancer Prev.* 2015;16(14):5715-9. (Impact factor: 2.514)
9. Shankar A, Roy S, Rath GK, Julka PK, **Kamal VK**, Malik A, Patil J, Jeyaraj PA, Mahajan MK. Aromatase Inhibition and Capecitabine Combination as 1st or 2nd Line Treatment for Metastatic Breast Cancer - a Retrospective Analysis. *Asian Pac J Cancer Prev.* 2015;16(15):6359-64. (Impact factor: 2.514)
10. Dablu Lal Gupta, Predeep Kumar Nagar, **Vineet Kumar Kamal**, Sanjeev Bhoi, D.N. Rao. Clinical relevance of single nucleotide polymorphisms within the 13 cytokine genes in North 2 Indian trauma hemorrhagic shock patients. *Scand J Trauma Resusc Emerg Med.* 2015 Nov 11; 23:96 (Impact factor: 2.025)
11. Shankar A, Roy S, Malik A, Rath GK, Julka PK, **Kamal VK**, Barnwal K, Upadhyaya S, Singh R, Srivastava V.J. Level of Awareness of Various Aspects of Lung Cancer Among College Teachers in India: Impact of Cancer Awareness Programmes in Prevention and Early Detection. *Cancer Educ.* 2015 Dec 21. (Impact factor: 1.23)
12. **Vineet Kumar Kamal**, Deepak Agrawal, R. M. Pandey. Prognostic models for prediction of outcomes after traumatic brain injury based on patients admission characteristics. *Brain Inj.* 2016 Mar 22:1-14. (Impact factor: 1.808)
13. Kumar M, Bhoi S, Subramanian A, **Kamal VK**, Mohanty S, Rao DN, Galwankar S. Evaluation of circulating haematopoietic progenitor cells in patients with Trauma Haemorrhagic shock and its correlation with outcomes. *Int J Crit Illn Inj Sci.* 2016 Apr-Jun;6(2):56-60.
14. Gupta SK, Bakhshi S, Kumar L, **Kamal VK**, Kumar R. Gene copy number alteration profile and its clinical correlation in B-cell acute lymphoblastic leukemia. *Leuk Lymphoma.* 2016 Jun 24:1-10. (Impact factor: 2.891)
15. **Vineet Kumar Kamal**, Deepak Agrawal, R. M. Pandey. Epidemiology, clinical characteristics and outcomes of traumatic brain injury: Evidences from integrated level 1 trauma centre in India. *journal of neurosciences in rural practice.* *J Neurosci Rural Pract.* 2016 Oct-Dec;7(4):515-525.
16. Abhishek Shankar, Shubham Roy, Gk Rath, **Vineet Kumar Kamal**, Menal Bhandari, Rashi Kulshrestha, Neelam Prasad, Jainet Sachdev, Pamela Jeyaraj. Change in trend in various clinico-pathological factors and treatment profile of breast cancer patients: A tertiary cancer centre experience. *Asian Pac J Cancer Prev.* 2016;17(8): 3897-901 (Impact factor: 2.514)
17. Sofi NY, Jain M, Kapil U, Seenu V, **Kamal VK**, Pandey RM. Nutritional risk factors and status of serum 25(OH)D levels in patients with breast cancer: A case control study in India. *J Steroid Biochem Mol Biol.* 2016 Sep 26. (Impact factor: 3.628)
18. kumar M, Bhoi S, Mohanty S, **Kamal VK**, Rao DN, Mishra P, Galwankar S. Bone marrow hematopoietic stem

cells behavior with or without growth factors in trauma hemorrhagic shock. *Int J Crit Illn Inj Sci.* 2016 Jul- Sep;6(3):119-126.

19. Abhishek Shankar, Shubham Roy, GK Rath, **Vineet Kumar Kamal**. Carcinoma Uterine Cervix: Evolving trends and Impact of National Cancer Control Program in India. *IJSPRO 2016; 1 (1), 16-22.*

20. Sharma A, Singh K, Biswas A, Ranjan R, Kishor K, Kumar R, Pandey H, **Kamal VK**, Saxena R. Evaluation of role of FV, FVIII and APLAs in the pathogenesis of APCR in FV Leiden negative DVT patients: a study in India. *J Thromb Thrombolysis.* 2017 Jan 6. (Impact factor: 1.83)

21. **Vineet Kumar Kamal**, Deepak Agrawal, R. M. Pandey. Why statistical modelling in outcome prediction in patients with traumatic brain injury is essential? : In Indian context. *J Trauma Treat* 2017, 6:2.

22. Shankar A, Roy S, Rath GK, Chakraborty A, **Kamal VK**, Biswas AS. Impact of Cancer Awareness Drive on Generating Understanding and Improving Screening Practices for Breast Cancer: a Study on College Teachers in India. *Asian Pac J Cancer Prev.* 2017 Jul 27;18(7):1985-1990. (Impact factor: 2.39)

23. Kamal K, Amit S, Kanwaljeet S, Ravi R, Hareram P, Ravi K, **Kumar KV**, Pravas M, Renu S. Association of genetic polymorphisms with plasma TFPI level: Boon or curse for DVT patients - Study from India. *Blood Cells Mol Dis.* 2017 Aug 6;66:31-36. (Impact factor: 2.33)

Book Chapter

24. Kalaivani Mani, Senthil Amudhan, Ashish Datt Upadhyay, **Vineet Kumar Kamal**. Biostatistics. Section XIX. Essentials of Neuroanesthesia. 1st Edition. Hardcover ISBN: 9780128052990. Elsevier .

Published abstracts in indexed journals and scientific proceedings in national and international conferences

1. **Vineet kumar kamal***, R. M. Pandey. A comparison of the hybrid CARTLOGIT model and tree based random forest model for prognostication of patients with traumatic brain injury. Abstract book. 37th Annual Conference of the International Society for Clinical Biostatics, Birmingham, August 21 – 25, 2016. C45.3.

2. **Vineet kumar kamal**, R. M. Pandey. A Comparison of Logistic Regression, CART, and Artificial Neural Network for Predicting Outcomes in Traumatic Brain Injury Patients. 36th Annual Conference of the International Society for Clinical Biostatics Utrecht, the Netherlands, August 23 – 28, 2015. C15.02, page 35. Also available at <http://www.iscb2015.info/documenten/documents/presentations/C15.2.pdf>

3. **Vineet kumar kamal**, Deepak Agrawal, R. M. Pandey. Statistical models for Prediction of Outcomes after traumatic brain injury based on patients admission characteristics. *BRAIN INJURY*. Vol. 28. No. 5-6.

4. **Vineet kumar kamal**, Deepak Agrawal, R. M. Pandey In-Hospital and One Year Outcome of 1281 Severe TBI Patients from India. *BRAIN INJURY*. Vol. 28. No. 5-6.

5. **Vineet kumar kamal**, Deepak Agrawal, R. M. Pandey. Statistical models for Prediction of Outcomes after traumatic brain injury based on patients admission characteristics. The 11th International Conference on Urban Health, Manchester, United Kingdom, March 4-7th 2014. ICUH Wednesday Oral Abstract Book . page 65.

6. **Vineet kumar kamal**, Deepak Agrawal, R. M. Pandey. Development and validation of a score chart for prediction of Outcomes after severe head injury based on patients admission characteristics. The 11th International Conference on Urban Health, Manchester, United Kingdom, March 4-7th 2014. ICUH Thursday Poster Abstract Book . page 16.

Presentations in National and International Conferences

1. Ravindra Mohan Pandey*, **Vineet Kumar Kamal**. "Comparison of statistical models for prognostication of patients with traumatic brain injury in India" was presented as an oral presentation **at the IEA World Congress of Epidemiology, 19-22 August 2017, Saitama, Japan.**
1. **Vineet kumar kamal***, R. M. Pandey. "A comparison of the hybrid CARTLOGIT model and tree based random forest model for prognostication of patients with traumatic brain injury" was presented as an oral presentation **at the 37th International Society for Clinical Biostatistics Conference held at University of Birmingham during 21-25 August 2016, Birmingham, UK.**
2. Arun Balachandran (University of Groningen, Netherlands), **Vineet Kumar Kamal** (All India Institute of Medical Sciences, India) Koyel Sarkar (Catholic University of Louvain, Belgium). Ageing And Its New Measures: A Comparison of Europe and Asia. Vienna Summer School Project, 2016. Group oral presentation at **Vienna summer school 2016, Austria.**
3. **Vineet kumar kamal***, R. M. Pandey. "A Comparison of Logistic Regression, CART, and Artificial Neural Network for Predicting Outcomes in Traumatic Brain Injury Patients" was presented as an oral presentation at the **36th Annual Conference of the International Society for Clinical Biostatistics (ISCB2015), August 23-27, 2015 in Utrecht, The Netherlands.**
4. **Vineet kumar kamal***, Deepak Agrawal, R. M. Pandey. "Development and validation of a score chart for prediction of Outcomes after severe head injury based on patients admission characteristics." was presented as a Poster Presentation at the **SYSCON-2014, A National Conference on recent Advances in Biological sciences, AIIMS, New Delhi, India, held on December 10, 2014.**
5. **Vineet kumar kamal***, Deepak Agrawal, R. M. Pandey. "Statistical models for Prediction of Outcomes after traumatic brain injury based on patients admission characteristics." was presented as a Poster Presentation at the **International Brain Injury Association (IBIA) 10th World Congress on Brain Injury, March 19-23,2014 at San Francisco, California, USA.**
6. **Vineet kumar kamal***, Deepak Agrawal, R. M. Pandey. "In-Hospital and One Year Outcome of 1281 Severe TBI Patients from India ." was presented as a Poster Presentation at **International Brain Injury Association (IBIA) 10th World Congress on Brain Injury, March 19-23,2014 at San Francisco, California, USA.**
7. **Vineet kumar kamal***, Deepak Agrawal, R. M. Pandey. "Development and validation of a score chart for prediction of Outcomes after severe head injury based on patients admission characteristics." was presented as a Poster Presentation at the **11th International Conference on Urban Health (ICUH) – 2014, Manchester, March 04 - 07, 2014 at University of Manchester, Manchester, United Kingdom.**
8. **Vineet kumar kamal***, Deepak Agrawal, R. M. Pandey. "Statistical models for Prediction of Outcomes after traumatic brain injury based on patients admission characteristics." was presented as an Oral Presentation at the **11th International Conference on Urban Health (ICUH) – 2014, Manchester, March 04 - 07, 2014 at University of Manchester, Manchester, United Kingdom .**

*presenting author

Workshop/Conferences Attended

1. Induction programme on 'Research methods and research administration' for ICMR scientists' at ICMR – National Institute of Epidemiology, Chennai, India, 10-14 July, 2017.

2. The Grand Challenges India (GCI) meeting by Program Management Unit at BIRAC (PMU-BIRAC), jointly supported by Department of Biotechnology (DBT), Government of India; Bill & Melinda Gates Foundation and Wellcome Trust during 21-24 March, 2017 at New Delhi, India.
3. Attended the full day course “Network Meta-Analysis for Decision Making” on October 21, 2016 at International Society for Clinical Biostatistics Conference, held at University of Birmingham, Birmingham, UK.
4. Attended and presented a paper at the 37th International Society for Clinical Biostatistics Conference held at University of Birmingham during 21-25 August 2016, Birmingham, UK.
5. Attended and participated in international summer school “The Demography of Health and Education” organized by The Vienna University of Economics and Business (Demography Group) in cooperation with the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU), held at the premises of the Vienna University of Economics and Business (WU), in Vienna from 6 to 15 June 2016
- Attended lectures on topics ranging from “redefining age and ageing” to “demographic methods of modelling educational attainment and human capital formation”.
 - Got hands-on training on – Wittgenstein Centre Data Explorer; mapping with QGIS software; population projections by age, sex and education; ageing populations.
6. Attended the 28th REVES Meeting, Determinants of Unusual and Differential Health Expectancy, 8-10 June 2016 in Vienna, Austria.
7. Attended 12th International Conference of Asian Clinical Oncology Society (ACOS), organized from 8th to 10th April, 2016 at Hotel The Ashok, New Delhi.
8. Presented one paper at the 36th Annual Conference of the International Society for Clinical Biostatistics (ISCB2015), August 23-27, 2015 in Utrecht, The Netherlands.
9. Presented one paper at the SYSCON-2014, A National Conference on recent Advances in Biological sciences, AIIMS, New Delhi, India, held on December 10, 2014.
10. Presented two papers at the International Brain Injury Association (IBIA) 10th World Congress on Brain Injury, held on March 19-23, 2014 at San Francisco, California, USA
11. Presented two papers at the 11th International Conference on Urban Health (ICUH) – 2014, Manchester, held on March 04 - 07, 2014 at University of Manchester, Manchester, United Kingdom
12. Attended the two day “Workshop on Statistical Computing Using R” (14th – 15th September 2013), organized by Department of Statistics, Delhi University, New Delhi
13. Attended the one day workshop on “Professionalism and Ethical behaviour” (31st Jan, 2013), organized by KL Wig Centre for Medical Education & Technology (CMET), AIIMS, New Delhi
14. Attended the one day workshop on “Effective Use of Media and E-Learning” (27th Dec, 2012), organized by KL Wig Centre for Medical Education & Technology (CMET), AIIMS, New Delhi
15. Participated as a delegate in National workshop on SAS (Statistical Analysis System) software training during June 11-15, 2012, organized by Biostatistics Resource and Training Centre, Department of Biostatistics, CMC, Vellore

16. Attended the One day National Symposium on New Horizon in Basic and Clinical Research (April 16th, 2012) by the Society for Young Scientist, AIIMS, New Delhi

17. Attended five days “Workshop on Bio-statistical Computation in Stata” organized by Department of Biostatistics, All India Institute of Medical Science, New Delhi

18. Participated and completed the workshop on Research methodology “Cohort Study Design” in All India Institute of Medical Sciences (AIIMS), New Delhi.

Grant (Extramural project)

Project title: A study on appropriate statistical models to determine in-hospital mortality and outcome at 6 months in head injured trauma patients (No-3/1/2/Trauma/2012-NCD-I)

Funding source: Indian Council of Medical Research (ICMR), New Delhi, India

Year: Jan, 2014- Feb, 2016

Associate Editor

The Indian Journal of Social, Preventive and Rehabilitative Oncology

Professional Memberships

- Member of International Society for Clinical Biostatistics (ISCB)
- Life Member of Indian Society for Medical Statistics (ISMS)
- Member of the Society of Young Scientist in All India Institute of Medical Science

Countries Visited for Academic Research

- England, USA, The Netherlands, Austria