

**44th Annual National Conference of the Indian Society for Medical Statistics
(ISMSCON-2026): November 26-28, 2026, at SGPGI, Lucknow**

POSTER SCIENTIFIC SESSIONS _ISMSCON 2026

[Serial Number: 1 -23 (26th November 2026), Serial Number: 24-46 (27th November 2026)]

S	Abstract ID	Abstract Title	Author
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SN	Abstract ID	Abstract Title	Author
Date - 26-11-26 (Thursday) : Time 13.00hrs -14.00hrs [CV Raman Auditorium Lobby]			
1	ABS-ISMS26-0059	Time Series and Machine Learning Modeling of Tuberculosis Dynamics: A Comparative Analysis across Indian States	Name: Mr. Suraj Prakash Email: surajpat2002@gmail.com Designation: Research Scholar Institution: Central University of Rajasthan, Ajmer
2	ABS-ISMS26-0094	Objective Assessment of Upper-Limb Spasticity in Chronic Stroke Using a Novel Device: A Cross-Sectional Study	Name: Mr. Subhajit Sarkar Email: subhajitsarkar462@gmail.com Designation: Research Scholar Institution: Institute of Neurosciences, Kolkata
3	ABS-ISMS26-0052	Burden, unmet healthcare, and associated disabilities among people with prevalent stroke in tea-tribe communities of Assam, Northeast India	Name: Ms. Masuma Khanam Email: kmasuma12@gmail.com Designation: Research Scholar Institution: Assam University, Silchar
4	ABS-ISMS26-0046	A Deep Learning and Hidden Markov Model-Based Framework for Prognostic Risk Stratification in Pulmonary Tuberculosis Using Serial Chest Radiographs	Name: Mr. Sundarakumar K Email: sundarakumar6118@gmail.com Designation: Research Scholar Institution: ICMR National Institute for Research in Tuberculosis, Chennai

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5	ABS-ISMS26-0072	A systematic review, meta-analysis, and meta-regression for predicting in-hospital mortality in acute ischemic stroke with machine learning and statistical models	Name: Ms. Uzma Khanum Email:uzmakhanum.1279@gmail.com Designation: Research Scholar Institution: JSS Academy of Higher Education & Research, Mysuru, Karnataka
6	ABS-ISMS26-0098	Hypertension among Adolescents in India: Prevalence and Associated Factors from a Nationally Representative Survey	Name: Dr Ashish Datt Upadhyay Email: adu361976@gmail.com Designation: Scientist Institution: All India Institute of Medical Sciences
7	ABS-ISMS26-0020	Using Population Mortality to Contextualise Trial Survival: An Excess-Hazard Case Study in Advanced Cervical Cancer	Name: Ms. Aishee Ghatak Email: aisheeghatak.agc@gmail.com Designation: Senior analyst Institution: Connect HEOR
8	ABS-ISMS26-0012	Methodological characteristics and predictive performance of ensemble learning models for diabetic retinopathy detection and severity grading: A Systematic review and meta-analysis	Name: Dr. Melissa Glenda Lewis Email: melissa.glenda1@gmail.com Designation: Scientist Institution: ICMR National Institute for Research in Bacterial Infections (ICMR NIRBI)
9	ABS-ISMS26-0116	Not all patients reach control at the same pace: time to first blood pressure control across India's publicsector hypertension initiative, IHCI 2018–2022	Name: Ms. Mosoniro Kriina Email: mosonirokriina@gmail.com Designation: B.Sc. Student Institution: ICMR National Institute of Epidemiology

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10	ABS-ISMS26-0089	Meta Gene Set Enrichment Analysis in Gallbladder Cancer	Name: Mr. Shubhabrata Dokal Email: shubhabiostat@gmail.com Designation: Research Scholar Institution: Jadavpur University
11	ABS-ISMS26-0127	Comparative Evaluation of BOIN and 3+3 Designs for Maximum Tolerated Dose Estimation in Phase I Clinical Trials: A Simulation-Based Study	Name: Ms. Vanidha Kandasamy Email: vanidhakandasamy24@gmail.com Designation: Research Associate Institution: Vinayaka Mission's Medical College and Hospital
12	ABS-ISMS26-0038	Male Fertility as a Hidden Driver of Fertility Decline in India: A Survival Analysis of Time to First Birth	Name: Ms. Rishima Rastogi Email: rishima1813@gmail.com Designation: M.Sc. student Institution: University of Lucknow
13	ABS-ISMS26-0077	Association Between Short-Form Video Use, Perceived Stress, and Depressive Symptoms Among Medical Students: A Cross-Sectional Study	Name: Ms. Faiza Hasan Khan Email: faizakhanhasan@gmail.com Designation: Medical PG student Institution: Era's Lucknow Medical College and Hospital
14	ABS-ISMS26-0131	Drug Use Disorders in India: State-Level Burden and Trends (1990-2023): A Systematic Analysis from the Global Burden of Disease Study 2023	Name: Mr. Manoj Kalita Email: kalita.manoj@icmr.gov.in Designation: Scientist Institution: ICMR National Institute of Health Research, Dibrugarh

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15	ABS-ISMS26-0170	A Cross Sectional Study on Pradhan Mantri Jan Arogya Yojana and Client Satisfaction in District Meerut, Uttar Pradesh	Name: Ms. Richa Rawat Email: rawatricha807@gmail.com Designation: <u>M.Sc.</u> Student Institution: Swami Rama Himalayan University (SRHU), Dehradun, Uttarakhand
16	ABS-ISMS26-0137	Personal Network Characteristics and Alcohol-Related Problems among Underage Male Drinkers: Evidence from Respondent-Driven Sampling in Upper Assam	Name: Dr. Sanjib Kumar Phukan Email: skphukan2015@gmail.com Designation: Scientist Institution: ICMR National Institute of Health Research, Dibrugarh, Assam
17	ABS-ISMS26-0139	Explainable Machine learning model using routine haematological parameters for identification of Systemic Lupus Erythematosus and prediction of lupus nephritis	Name: Dr. Amrutha Jose Email: amruthaannjose@gmail.com Designation: Scientist Institution: ICMR-National Institute for Research on Blood and Immune Disorders
18	ABS-ISMS26-0174	Nutritional Status and Prevalence of Malnutrition among Adolescents in a Rural Field Practice Area: A Cross-Sectional Study	Name: Ms. Shirisha Bobbili Email: shirishabobbili1998@gmail.com Designation: M.Sc. student Institution: Swami Rama Himalayan University (SRHU), Dehradun, Uttarakhand

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19	ABS-ISMS26-0168	Sociodemographic Profile and Behavioural Risk Factors for Overweight and Obesity Among School-Going Adolescents in Dehradun, Uttarakhand	Name: Ms. Mansi Pundir Email: mansipundir00@gmail.com Designation: M.Sc. student Institution:Swami Rama Himalayan University (SRHU), Dehradun, Uttarakhand
20	ABS-ISMS26-0163	Comparative Evaluation of Machine Learning–Based Survival Models for Predicting Time to Tuberculosis Treatment Conversion	Name: Mr. Shaik Fayaz Ahamed Email: ahamedsfayaz@gmail.com Designation: Research Scholar Institution: ICMR - National Institute for Research in Tuberculosis, Chennai, Tamil Nadu
21	ABS-ISMS26-0086	Evaluating the Performance of Machine Learning and Cox Proportional Hazards Models for 5-Year Overall Survival Prediction in Breast Cancer: A Pooled Analysis	Name: Mr. Ashin Krishna C Email: ashin2602@gmail.com Designation: Research Scholar Institution: JSS Academy of Higher Education & Research, Mysuru, Karnataka
22	ABS-ISMS26-0076	Statistical and Machine Learning Techniques for the Analysis and Prediction of Cardiovascular Disease Using Echocardiographic Data	Name: Dr. Chaithra N Email:chaithra.mstats@jssuni.edu.in Designation: Associate Professor Institution: JSS Academy of Higher Education & Research, Mysuru, Karnataka

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S	Abstract ID	Abstract Title	Author
23	ABS-ISMS26-0023	Prevalence of Poor Sleep Quality during the Postpartum Period and Its Predictive Relationship with Postpartum Depression: A Systematic Review and Meta-Analysis	Name: Ms. Mohini Verma Email:mohinisoniv09@gmail.com Designation: Statistical Fellow (JRF) Institution: Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
Date - 27-11-26 (Friday) : Time 13.00hrs -14.00hrs [CV Raman Auditorium Lobby]			
24	ABS-ISMS26-0115	Decomposing Bland–Altman Disagreement into Systematic and Random Components: A Mixed Effects Extension for Repeated-Measures Method Comparison	Name: Dr. Sojit Tomo Email: sojitomo@gmail.com Designation: Associate Professor Institution: AIIMS Jodhpur
25	ABS-ISMS26-0008	On Reading Estimates with Varying Confidence Interval: An Analysis Based on NFHS Data	Name: Mr. Mohit Kumar Dubey Email: dwivedimohit095@gmail.com Designation: Research Scholar Institution: Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
26	ABS-ISMS26-0063	Prevalence of Voiding Dysfunction in Children and Adolescents: A Systematic Review and Meta-analysis	Name: Mr. Arun Das Email: dasarungpgi@gmail.com Designation: Statistical Fellow (SRF) Institution: Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow

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27	ABS-ISMS26-0122	Levels, Trends, and Predictors of Infant and Under-five Mortality among EAG states in India, using NFHS-5	Name: Ms. Komal Gautam Email: komal.gautam0210@gmail.com Designation: Statistical Fellow (JRF) Institution: Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
28	ABS-ISMS26-0130	To evaluate the impact of outliers of varying magnitude and frequency on statistical estimates and inference in simulated biomedical data, and to assess the effect of different approaches to their handling.	Name: Mr. Agaadh Rajesh Verma Email: rv.agaadh@gmail.com Designation: Statistical Fellow (JRF) Institution: Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
29	ABS-ISMS26-0136	COVID-19 Lockdown and Maternal and Child Health Service Utilization among Women Living in Urban Slums of Lucknow	Name: Ms. Akanksha Awasthi Email: aakomalalita@gmail.com Designation: JRF / SRF Institution: SGPGIMS Lucknow
30	ABS-ISMS26-0157	A Dynamic Machine Learning Approach to Predicting Three-Year Mortality Using Longitudinal Biomarkers in Primary Biliary Cholangitis	Name: Mr. Mithu Rogan Samy M Email: mithurogansamym@gmail.com Designation: student Institution: ICMR-National Institute of Epidemiology , Chennai, Tamil Nadu
31	ABS-ISMS26-0160	Heterogeneous Determinants of Linear Growth among Under-5 Children in India: Quantile Regression Analysis of NFHS-5	Name: Ms. Nithya Manikandan Email: nithya.m.2405@gmail.com , Designation: M.Sc. student

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			Institution: ICMR-National Institute of Epidemiology , Chennai, Tamil Nadu
32	ABS-ISMS26-0161	Functional Time Series Forecasting of Age and Gender Specific Chronic Kidney Disease DALYs And Mortality in India, 2013–2030	Name:Ms. Parkavi K Email: parubala2004@gmail.com Designation: M.Sc. student Institution: ICMR-National Institute of Epidemiology , Chennai, Tamil Nadu
33	ABS-ISMS26-0159	Husband’s Alcohol Use and Spousal Violence among Ever-Married Women in India: A DAG-Guided Analysis of NFHS-5	Name: Mr. Suganth R G Email: suganthrg1010@gmail.com Designation: M.Sc. student Institution: ICMR-National Institute of Epidemiology , Chennai, Tamil Nadu
34	ABS-ISMS26-0064	Continuous Age-Specific Estimates of Hypertension Prevalence Among Adults Aged 15–100 Years in India: Insights from NFHS-5 and LASI Wave-1	Name: Mr. Akash Pal Email: akashpal2608@gmail.com Designation: Statistical Fellow (SRF) Institution: Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
35	ABS-ISMS26-0162	Causal Effect of Social Isolation on the Risk of Sarcopenia Among Middle-Aged and Older Adults in China: A Marginal Structural Model Analysis	Name: Mr. Karthikeyan Arulvendhan Email: nckkarthik5@gmail.com Designation: M.Sc. student Institution: ICMR-National Institute Of Epidemiology , Chennai, Tamil Nadu

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36	ABS-ISMS26-0192	Stability-driven hierarchical clustering framework for multi-endpoint patient phenotyping in oncology: methodological evaluation and real-data application	Name: Ms. Oindrila Roy Chowdhury Email: oindrila6176@gmail.com Designation: Research Scholar Institution: Royal Global University, Guwahati, Assam
37	ABS-ISMS26-0180	Multimorbidity and Mental Health among Ageing Population in India: Evidence from Three Waves of WHO-SAGE	Name: Ms. Swati Pal Email: palswati52@gmail.com Designation: Research Scholar Institution: ICMR-HQ
38	ABS-ISMS26-0171	Effect of COVID-19 vaccination on morbidity and mortality	Name: Dr. Bennishirur Wasim A Email: wasimbenni@gmail.com Designation: Faculty Institution: Dr. V.M. Government Medical College, Solapur, Maharashtra, India
39	ABS-ISMS26-0176	Prevalence and associated determinants of Prehypertension among Women in Tamil Nadu using NFHS-5 data: A Cross-sectional analysis	Name: Ms. Anitha Kanagaraj Email: mageshanitha0409@gmail.com Designation: M.Sc. student Institution: ICMR-National Institute Of Epidemiology , Chennai, Tamil Nadu
40	ABS-ISMS26-0189	Risk Factors Associated with Cardiovascular Health among Young Adults: A Cross-Sectional Study	Name: Mr. Deepesh Singh Email: deepeshchauhan697@gmail.com Designation: M.Sc. student Institution: Himalayan Institute of Medical Science (HIMS), Dehradun

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41	ABS-ISMS26-0181	Spatial Analysis of Under-Five Child Malnutrition Across the States of South India: Findings From NFHS-5	Name:Ms. Aswiniraju Manimaran Email: aswiniclassno1@gmail.com Designation: M.Sc. student Institution: ICMR-National Institute of Epidemiology , Chennai, Tamil Nadu
42	ABS-ISMS26-0022	Determinants, Barriers, and Patient Satisfaction with Inpatient Health-Care Services: A Hospital-Based Cross-Sectional Study	Name: Col. Varun Bajpai Email: varunbaj@gmail.com Designation: Research Scholar Institution: Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow
43	ABS-ISMS26-0145	Burden of Newly Diagnosed Medical Conditions During 36-Month Follow-Up Among COVID-19-Recovered Patients: An Ambispective Cohort Study	Name: Ms. Sakshi Mishra Email: sakshimishraa29@gmail.com Designation: JRF/SRF Institution: Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow
44	ABS-ISMS26-0112	Statistical Assessment of Human Vulnerability to Natural Hazards in India	Name: Dr. Vishal Sharma Email: vishal.sharma4381@gmail.com Designation: Faculty Institution: Army College of Medical Sciences, NewDelhi
45	ABS-ISMS26-0015	Correlation-Based Analysis of Silent Disease Progression: A Multi-Disease Clinical Feature Study	Name: Ms. Ritu Srivastava Email: ritusrivastava822@gmail.com Designation: B.Sc. Student Institution: UPES Dehradun

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46	ABS-ISMS26-0203	A Composite Social and Reproductive Vulnerability Index Among Adolescent Girls in India: Evidence from NFHS-5	Name: Dr. Anant Kumar Rajput Email:anantkumarrajput01@gmail.com Designation: Medical PG student Institution: Shri Guru Ram Rai Institute of Medical & Health Sciences, Dehradun, Uttarakhand
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