Indian Institute of Management, Kozhikode

PROGRAMME

December 19, 2025 - Friday	
8:30-9:30	Registration
9:30 - 10:00	Inauguration
10:00-10:30	High Tea
Tutorial –I 10:30 – 12:00	*Speaker: Debasis Kundu, IIT Kanpur* Title: Bivariate and Multivariate Singular Distributions and their Applications *Chair: Anup Dewanji, ISI Kolkata*
12:00– 12:30	Tea Break & Networking
Special Talk - I 12:30 – 13:15	*Speaker: Sanjib Basu, University of Illinois Chicago* Title: Bayesian Methods for Biostatistical Data Science and Time-to-Event Data *Chair: TBA*
13:15 - 14:15	Lunch
Contributory Talk 1 14:15 – 15:00	*Speaker 1: Ankush Sharma, Banaras Hindu Univ.* *Title: Optimal and Robust Experimental Designs in Hierarchical Latent-Variable Models* *Speaker 2: Sanjay Kumar, IIT Kanpur* *Title: Robust and Efficient Estimation for the Block-Basu Bivariate Exponential Distribution with Application in Survival Analysis* *Speaker 3: Jenet George, CUSAT* *Title: Dynamic Survival Prediction by Landmarking Using Accelerated Failure Time Models* *Chair: TBA*

Medical Talk-I 15:00– 16:00	*Speaker: Mahesh Iyer, Bristol Myers Squibb* Title: An Exploration of Survival Analysis Methods in Drug Development *Chair: TBA*
16:00- 16:30	Tea Break & Networking
Contributory Talk 2 16:30– 17:30	*Speaker 1: Ashutosh Singh, IIT Tirupati* *Title: Mean Residual Life Ageing Intensity Function* *Speaker 2: Bidhan Modok, Raigunj Univ.* *Title: Stochastic Comparisons of Random Extremes from Identically and Non-Identically Distributed Random Variables* *Speaker 3: Darshana Yadav, IIT Jodhpur* *Title: Reliability of Multistate Systems with Various Dependency Structures between Components* *Speaker 4: K M Anjali, Pondicherry Univ.* *Title: Estimation of Stress-Strength model using Exponentiated Intervened Exponential Distribution* *Chair: TBA*
Contributory Talk 3 17:30-18:15	*Speaker 1: Chandra Prakash Yadav, Pfizer Healthcare India Pvt Ltd* *Title: Doubly Robust Estimation Methods in Survival Analysis* *Speaker 2: Lipsa Rani Bhoi, Central Univ. of Odisha* *Title: Empirical Bayesian Vs. Bayesian Shrinkage Estimation of Pareto Distribution under Progressive Type-II Censoring Scheme* *Speaker 3: Satya Prakash Mishra, Central Univ. of Haryana* *Title: E-Bayesian and Hierarchical Bayesian Inference of Lifetime Model under Adaptive Progressively Censored Data* *Chair: TBA*

	December 20, 2025 – Saturday
Tutorial -II 9:00 – 10:30	*Speaker: Debasis Kundu, IIT Kanpur* Title: Bivariate and Multivariate Singular Distributions and their Applications *Chair: Anup Dewanji, ISI Kolkata*
10:30 -11:00	Tea Break & Networking
Review Talk - I 11:00– 12:30	*Speaker: S. M. Sunoj* Title: Modelling and Analysis of Lifetime Data: A Quantile Approach *Chair: TBA*
Contributory Talk 4 12:30– 13:30	*Speaker 1: Silpa K, CUSAT* Title: Parametric Analysis of Zero-Inflated Cure Rate Data with Competing Risks Using Gompertz Regression Model *Speaker 2: Saurav Saha, IIT Guwahati* Title: Statistical Analysis of Bivariate Left Truncated Right Censored Data *Speaker 3: Sukanya Das, Oakland University, Michigan* Title: Optimal Type-I Censoring Scheme with Shannon Information Gain *Speaker 4: Yadav Sushilkumar Gayadin, Banaras Hindu Univ.* Title: Joint Modeling of Current Status Data in the Presence of Competing Risks *Chair: TBA*
13:30 - 14:30	Lunch
Industry Talk-II 14:30 – 15:30	*Speaker: Saurav Daga* Title: Data & AI: Transforming Reliability in Medical Technology *Chair: TBA*

Special Talk -II 15:30 – 16:15	*Speaker: Sujit K Ghosh, NC State University, USA.* Title: Copula Models for Multivariate Reliability Analysis. *Chair: TBA*
16:15-16:45	Tea Break & Networking
Review Talk - II 16:45 – 18:15	*Speaker: Naveen Chandra, Pondicherry University* Title: System Reliability: A Stress-Strength Perspective *Chair: TBA*
December 21, 2025 - Sunday	
Tutorial -III 9:00 – 10:30	*Speaker: Debasis Kundu, IIT Kanpur* Title: Bivariate and Multivariate Singular Distributions and their Applications *Chair: Anup Dewanji, ISI Kolkata*
10:30 -10:45	Tea Break & Networking
Review Talk -III 10:45 – 12:15	*Speaker: Palash Ghosh, IIT Guwahati* Title: Balancing Privacy and Utility: Differential Privacy for Sensitive Binary Data *Chair: TBA*
12:15 – 13:00	**Valedictory**
13:00- 14:00	Lunch