

# IWRTSA Schedule

Day-1 (23.12.2022)	
8:30 AM – 9:30 AM	Registration
9:30 AM – 10:00 AM	Inauguration
10:00 AM – 10:30 AM	High Tea/Coffee
10:30 AM – 12:00 Noon	<p style="text-align: center;"><b>Tutorial-1</b></p> <p>Speaker: <b>Prof. Ananda Sen</b> <i>An Introduction to Survival Analysis using R</i></p> <p>Chair: <b>Prof. Anup Dewanji</b></p>
12:05 PM – 1:05 PM	<p style="text-align: center;"><b>Industry Talk</b></p> <p>Speaker: <b>Dr. R.P. Suresh</b> <i>Applications of Reliability Tools in Industry : Issues and Challenges</i></p> <p>Chair: <b>Dr. Md. Zafar Anis</b></p>
1:05 PM – 2:05 PM	<b>LUNCH</b>
2:05 PM-3:35 PM	<p style="text-align: center;"><b>Review Talk-1</b></p> <p>Speaker: <b>Dr. Ayon Ganguli</b> <i>Accelerated Life Tests</i></p> <p>Chair: <b>Dr. Somnath Ray</b></p>
3:35 PM – 4:00 PM	<b>Tea/Coffee</b>
4:00 PM – 4:50 PM	<p style="text-align: center;"><b>Contributory Talks</b></p> <p>Speakers: 1. <b>Mr. Tanmay Sahoo</b> <i>Ordering and Ageing Properties of Developed Sequential Order Statistics Governed by the Archimedean Copula</i></p> <p style="text-align: center;">2. <b>Dr. Farha Sultana</b> <i>On Two Exponential Populations Under a Joint Adaptive Type-II Progressive Censoring</i></p> <p>Chair: <b>Dr. Nil Kamal Hazra</b></p>
4:50 PM – 5:40 PM	<p style="text-align: center;"><b>Contributory Talks</b></p> <p>Speakers: 1. <b>Mr. Siddhartha Chakraborty</b> <i>Cumulative Entropy of Progressively Type-II Censored Order Statistics and Associated Optimal Life Testing- Plans</i></p> <p style="text-align: center;">2. <b>Mr. Sarat Sindhu Mukherjee</b> <i><math>\alpha</math> - Shaped Exponential Entropy</i></p> <p>Chair: <b>Dr. Sumathi K.</b></p>
5:40 PM – 6:10 PM	<b>Snacks and Tea/Coffee</b>
Day-2 (24.12.2022)	
9:00 AM – 10:30 AM	<p style="text-align: center;"><b>Tutorial-2</b></p> <p>Speaker: <b>Prof. Ananda Sen</b> <i>An Introduction to Survival Analysis using R</i></p> <p>Chair: <b>Prof. Anup Dewanji</b></p>
10:30 AM – 11:00 AM	<b>Tea/Coffee</b>
11:00 AM – 12:30 PM	<p style="text-align: center;"><b>Review Talk 2</b></p> <p>Speaker: <b>Prof. Murari Mitra</b> <i>Hypothesis Testing Problems in Reliability Theory: A brief review.</i></p> <p>Chair: <b>Dr. Navin Chandra</b></p>

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<b>12:30 PM – 1:20 PM</b>	<p style="text-align: center;"><b>Contributory Talks</b></p> <p>Speakers: 1. <b>Ms. Shilpi Biswas</b> <i>A Piecewise Linear Approximation to Cumulative Hazard in Load-sharing Systems</i></p> <p style="text-align: center;">2. <b>Mr. Dheeraj Goyal</b> <i>On the Time Dependent <math>\delta</math>-shock Model</i></p> <p>Chair: <b>Prof. Chanchal Kundu</b></p>
<b>1:20 PM – 2:20 PM</b>	<b>LUNCH</b>
<b>2:20 PM – 3:20 PM</b>	<p style="text-align: center;"><b>Medical Talk</b></p> <p>Speaker: <b>Dr. Sibasish Dasgupta</b> <i>Application of Statistical Machine Learning in Biomarker Selection</i></p> <p>Chair: <b>Prof. Biswabrata Pradhan</b></p>
<b>3:20 PM – 3:50 PM</b>	Tea/Coffee
<b>3:50 PM – 4:40 PM</b>	<p style="text-align: center;"><b>Contributory Talks</b></p> <p>Speakers: 1. <b>Dr. Subarna Bhattacharjee</b> <i>On Properties of Aging Functions in Reliability Theory</i></p> <p style="text-align: center;">2. <b>Dr. Pradip Kundu</b> <i>Stochastic Comparisons of Lifetimes of Fail-safe Systems with Dependent and Heterogeneous Components under Random Shocks</i></p> <p>Chair: <b>Prof. Amarjit Kundu</b></p>
<b>4:45 PM – 5:35 PM</b>	<p style="text-align: center;"><b>Contributory Talks</b></p> <p>Speakers: 1. <b>Dr. Subrata Rath</b> <i>Estimating Reliability at Multiple Change Points for a Repairable Mechanised System</i></p> <p style="text-align: center;">2. <b>Mr. Sugata Ghosh</b> <i>Departure-based Asymptotic Stochastic Order for Random Processes</i></p> <p>Chair: <b>Dr. Sudipta Das</b></p>
<b>7:30 PM – 9:30 PM</b>	<b>Special Dinner</b>
<b>Day-3 (25.12.2022)</b>	
<b>9:00 AM – 10:30 AM</b>	<p style="text-align: center;"><b>Tutorial-3</b></p> <p>Speaker: <b>Prof. Ananda Sen</b> <i>An Introduction to Survival Analysis using R</i></p> <p>Chair: <b>Prof. Anup Dewanji</b></p>
<b>10:30 AM – 11:00 AM</b>	Tea/Coffee
<b>11:00 AM-12:30 PM</b>	<p style="text-align: center;"><b>Review Talk-3</b></p> <p>Speaker: <b>Prof. Sanjib Basu</b> <i>Cure Rate: Models, Identifiability, and Bayesian Inference</i></p> <p>Chair: <b>Dr. Madhuri Kulkarni</b></p>
<b>12:30 PM – 1:00 PM</b>	Valedictory
<b>1:00 PM – 2:00 PM</b>	<b>LUNCH</b>