

This announcement is also available in the website <https://conference.manipal.edu/IWRTSA2023>

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Travel: Manipal is 65 kms away from Mangalore, which is well connected by Roads, Train and Airways. The nearest railway station is at Udupi and the nearest international airport is Mangalore.



About the workshop:

The International Workshop on Reliability Theory and Survival Analysis (IWRTSA-2023) will be held during 20-22 December, 2023 at the Department of Mathematics, MIT, Manipal. This workshop intends to reach out to the community of researchers and scholars working in the broad area of Reliability Theory and Survival Analysis and also to the community in Industries and Medical Organizations involved in the applied aspect of this area. To this end, this workshop features tutorial-type lectures on engineering reliability spread over all the three days, review lectures and lectures on the application of reliability and survival analysis in industry and medical sciences. In addition, we also plan for talks on new areas of Data Science including Machine Learning and Artificial Intelligence in Reliability/ Artificial Intelligence through invited/ contributory lectures emphasizing more on problem-description and their importance with a brief discussion on the corresponding solution.

International Workshop on Reliability Theory & Survival Analysis

20-22 December, 2023



MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)



Organized By:

**DEPARTMENT OF MATHEMATICS,
MANIPAL INSTITUTE OF TECHNOLOGY,
MANIPAL - 576 104**

&

**DEPARTMENT OF DATA SCIENCE,
PRASANNA SCHOOL OF PUBLIC HEALTH,
MAHE, MANIPAL – 576 104**



Manipal Academy of Higher Education

MAHE Manipal is one of India's leading academic and research institutions. It has been granted Institution of Eminence status by the Ministry of Education, Government of India. It is a globally engaged institution with active partnership with more than 250+ leading universities around the globe. MAHE continues to inspire students to achieve boundless possibilities and new horizons.

Manipal Institute of Technology

The Manipal Institute of Technology (MIT), Manipal was established in 1957 as one of the first self-financing engineering colleges in the country. MIT offers a Bachelor's and Master's program in engineering streams. It also gives students the option to carry out full-time or part-time research. The institute undertakes sponsored research programs supported by funding agencies such as DST, CSIR, AICTE, and the Ministry of Environmental Sciences. It has collaborative research programs in association with premier research laboratories and institutes in India and abroad.

Department of Mathematics

The Department of Mathematics at Manipal Institute

of Technology was started in 1957 and provides the students with the mathematical foundation required to analyze all engineering and applied science courses. Apart from this, it also provides the mathematical methods to formulate, analyze and to solve the problems of engineering and management through the higher level and elective courses. The department caters to undergraduate courses through regular and elective subjects, PG courses like M.Sc., M.Tech., MCA, as well as pure and applied mathematics in the other constituent institutions of MAHE and is also offering a B.Tech. (Mathematics and Computing) from the academic year 2023.

Department of Data Science, PSPH, MAHE

The Department of Data Science was established as the first teaching department under MAHE, Manipal on August 1, 2006. The department offers courses in Statistics/Applied Statistics/ Research Methodology to Graduate and Doctoral students within the university and Executive Education Programme for corporate biostatisticians. Collaboration with National/ International agencies and International Universities has enhanced its strength.

Organizing Committee

R. P. Suresh (Chair) (Vidyashilp Univ., Bangalore)
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Ananda Sen (Univ. of Michigan, USA)
Asok K Nanda (IISER Kolkata)
Ayon Ganguly (IIT Guwahati)
Biswabrata Pradhan (ISI, Kolkata)
Debasis Kundu (IIT Kanpur)
Debasis Sengupta (ISI, Kolkata)
E. V. Gijo (ISI, Bangalore)
Isha Dewan (ISI, Delhi)
Madhuri Kulkarni (Univ. of Pune)
Navin Chandra (Pondicherry Univ.)
P. G. Sankaran (CUSAT, Cochin)

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Dr. Ranjan Pai, President, MAHE, Manipal

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Dr. (Cdr) Anil Rana, Director, MIT, Manipal
Dr. Somashekara Bhat, Joint Director, MIT, Manipal

Local Organizing Committee

Kuncham Syam Prasad, Professor & Head, Dept. of Mathematics, MIT, Manipal
Asha Kamath, Professor & Head, Dept. of Data Science, PSPH, MAHE, Manipal
Prathima J (Co-Convener), Dept. of Mathematics, MIT, Manipal
Arathi Bhat K (Co-Convener cum Organizing Secretary), Dept. of Mathematics, MIT, Manipal

Main Speakers

Isha Dewan (ISI, Delhi)

Sanjib Basu (Univ. of Illinois, Chicago)
Sai Sundarakrishna (Data Science Professional)
Asha Kamath (Dept. of Data Science, PSPH, Manipal)

Ananda Sen (Univ. of Michigan, USA)
Shoban Babu (Accenture)