



**1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON
RELIABILITY AND SAFETY ENGINEERING (INCRS-2018)**

FEBRUARY 26-28, 2018

Jointly Organized by

**PDPM-Indian Institute of Information Technology,
Design and Manufacturing Jabalpur
Society for Reliability and Safety (SRESA), Mumbai**



**Track on
Performance /Failure Analysis of Materials in Service**

Track Chairs

Dr. Bijoy Kumar Rout
BITS PILANI

Dr. Amit Kumar Singh
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Dr. Gunjan Soni
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1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018) is organizing an exclusive Track on **Performance /Failure Analysis of Materials in Service**

ABOUT TRACK

Engineering failure analysis as a key tool for the improvement of the modern innovation cycle demands that component design involves a whole-of-life approach, incorporating an awareness of manufacture, safety, reliability, environmental sensitivity and disposal. Failure analysis and investigation can determine the root cause of failure if a product, component or asset fail or not perform as expected. The findings provide with the insight to solve the problem, take remedial action and prevent recurrence. This Track aims at bringing together world-class researchers, users and specialists involved in all aspects of performance/failure analysis and prevention from the fields of mechanical, industrial, manufacturing, aeronautical, civil, chemical and design engineering. Scientists and researchers working in the broad areas of failure/Performance Analysis Techniques are invited to exchange their ideas/results on the related research fields.

The scope of the track includes, but is not limited to:

Performance/Failure Analysis of Materials in Service Techniques

Including:

- Design For Six Sigma
- Failure Prevention at the Design Stage
- Failure Mode Effect Analysis
- Failure Analysis – Analytical Techniques
 - Root Cause Analysis
 - Fault Tree Analysis
 - Failure Logic Model
 - Failure Experience Matrix
 - Expert Systems
- Failure Analysis – Experimental Methods

IMPORTANT DEADLINES

Abstract submission:	November 10, 2017
Abstract acceptance notification:	November 10, 2017
Full paper submission:	November 30, 2017
Paper acceptance:	December 20, 2017
Early Registration	November 15, 2017
Registration	January 15, 2018



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Final paper submission (Camera ready copy) January 04, 2018
INCRS '2018: February 26-28, 2018
Abstract/ Paper submission link: <https://easychair.org/conferences/?conf=incrs2018>

The conference details are available at

<http://www.iiitdmj.ac.in/others/conferences/INCRS-2018/>

PROFILE OF TRACK CHAIRS



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