



**1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON
RELIABILITY AND SAFETY ENGINEERING (INCRS-2018)
FEBRUARY 26-28, 2018**

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



Track on
Diagnostics and Prognostics of Mechanical Systems

Track Chairs

Dr. Aditya Sharma
DEI
Dayalbagh, Agra

Dr. Dibya Prakash Jena
NIT
Rourkela

Dr. K. Hans Raj
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Dayalbagh, Agra

ABOUT TRACK

A variety of mechanical systems are associated almost everyone's life. It includes small hand held devices to large industrial applications such as refrigeration and thermal systems, automobiles, railways, steel industries, power plants, sugar industries, turbines, space shuttles and much more. A mechanical system comprises of several machine elements. The healthy operation of the system is closely allied with the functioning of other linked machine elements. Therefore it is always of prime importance to diagnose the fault at the early stage and perform prognosis accordingly.

We are organizing an exclusive Track on ***Diagnostic and prognostic of mechanical systems*** in the 1st INTERNATIONAL and 4th NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018). This Track provides an international forum for the presentation of recent developments/innovations on various aspects of theories, analysis and experiments related to Model Based Techniques, Data Driven Techniques and Hybrid Techniques specifically in mechanical systems. Scientists and researchers working in the broad areas of Diagnostics and Prognostics are invited to exchange their ideas/results on the related research fields.

The potential topics of this track include, but are not limited to;

- Diagnostics and health assessment
- Prognostics and uncertainty
- Accelerated life testing
- Signal processing and soft computing techniques
- Modeling and simulation
- Measurement methods
- Nonlinear and bifurcation theory
- System stability and reliability analysis
- Tribological analysis
- Mechanisms of failure
- New design and developments

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



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Registration January 15, 2018
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



Dr. Aditya Sharma
DEI, Dayalbagh, Agra

<https://scholar.google.co.in/citations?user=GQBCvh8AAAAJ&hl=en>



Dr. Dibya Prakash Jena
NIT Rourkela

https://scholar.google.co.in/citations?user=90d_GuIAAAAJ&hl=en



Dr. K. Hans Raj
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<http://www.dei.ac.in/dei/engineering/index.php/2012-12-08-09-23-43/mechanical-engg-faculty/18-mechanical-engineering-faculty/72-dr-k-hans-raj>