



**1<sup>st</sup> INTERNATIONAL and 4<sup>th</sup> 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  
*Condition Monitoring Techniques and Applications***

**Track Chairs**

**Dr. Atul B. Andhare**  
VNIT  
Nagpur

**Dr. Prasad V. Kane**  
VNIT  
Nagpur

**ABOUT TRACK**

Condition Monitoring is widely used for monitoring of various components and machines to improve reliability and life. There are number of condition monitoring techniques based on vibration, acoustics, oil analysis and thermography. One or more of these techniques can be used for any application based on the critical nature of the machine and need for monitoring. This track focusses on use of such condition monitoring techniques for different applications.

An exclusive Track on ***Condition Monitoring Techniques and Applications*** is being organized in the 1<sup>st</sup> INTERNATIONAL and 4<sup>th</sup> NATIONAL CONFERENCE ON RELIABILITY AND SAFETY ENGINEERING (INCRS-2018). This Track provides an international forum for presentation of recent developments/innovations on various aspects of condition monitoring and its applications. Scientists and researchers working in the broad areas of Condition Monitoring are invited to exchange their ideas/results on the related research fields.

The scope of the track on **Condition Monitoring techniques and Applications** includes the following, but is not limited to:

- Vibration based techniques
- Acoustic Emission based techniques
- Oil analysis /Wear particle analysis
- Thermography
- Signal Processing
- Use of AI techniques in Condition Monitoring
- Condition monitoring and its effect on reliability

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

**The conference details are available at**

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



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**PROFILE OF TRACK CHAIRS**



Dr. Atul Andhare  
VNIT Nagpur  
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Dr. Atul Andhare obtained his Ph. D. from IIT Bombay. He is currently working as Associate Professor of Mechanical Engineering at Visvesvaraya National Institute of Technology, Nagpur. He has almost thirty years of work experience in the industry and reputed academic institutes like IIT Bombay, SVNIT Surat and VNIT Nagpur. His areas of research interest include machine dynamics, machine condition monitoring, machining of difficult to cut materials and applications of nano fluids in machining. He has guided few Ph. D.'s & many M. Tech. dissertations in this area. He has also contributed no. of research papers in various reputed journals and conferences.



Dr. Prasad V. Kane  
VNIT Nagpur  
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Dr. Prasad V. Kane obtained his Ph. D. from VNIT, Nagpur. He is currently working as Assistant Professor of Mechanical Engineering at Visvesvaraya National Institute of Technology, Nagpur. He has work experience of sixteen years in academic institutes and two years in Industry. His research interest are in the areas of Machine Condition Monitoring, Quality, Reliability and Maintenance Engineering. Recently, he has been working on use of AI techniques in condition monitoring. He has guided no. of M. Tech. dissertations and has also contributed research papers in various reputed journals and conferences.