



**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
Reliability Issues in Electrical Distribution Systems

Track Chairs

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Dr. Sachin K. Jain

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ABOUT TRACK

Reliability and safety are integral part of any engineering system. In the recent years, the electrical distribution system has experienced significant changes because of increased share of power electronic based loads, distributed generation, demand response management, microgrid and renewable energy sources integration, etc. As a result, reliability issues have become more important in competitive deregulated energy market scenario for continuous operation of a distribution system with high efficiency. With smart grid initiatives and clean energy policy, power electronics and electric distribution system role have enhanced with greater thrust on high efficiency energy systems, energy storage and conservation, renewable energy systems, and electric/hybrid vehicles.

We are organizing an exclusive Track on ***Reliability Issues in Electrical Distribution Systems*** in the 1st INTERNATIONAL and 4th 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 theories, analysis and experiments related to renewable energy sources, electricity market, demand side management, power quality issues, energy storage systems, artificial intelligence techniques with respect to electrical distribution systems. Scientists and researchers working in the broad areas of Distribution Systems are invited to exchange their ideas/results on the related research fields. The primary goal of this track is to enhance the dialectical connectivity among researcher, practitioners, and academicians through discussion, exchange, and sharing on the latest research and innovations in these areas.

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

- Reconfiguration of Distribution Network
- Increasing deployment of Energy Storage Technologies and their impact on reliability of Distribution Network
- Renewable Energy Sources and their impact on Electricity Market
- Power quality issues in Distribution Network
- Custom power devices
- Smart buildings and IoT applications
- Demand Side Management/Demand Response
- Application of AI techniques for optimal planning and reliable operation of Distribution Network
- Energy management and storage
- Electricity market and power system economics



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IMPORTANT DEADLINES

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| 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: | 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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College Link: <https://www.ctae.ac.in/singlePage.php?id=31&type=DP>

Google Scholar Link:

<https://scholar.google.co.in/citations?user=XQzB0EEAAAAJ&hl=en>

Research Gate Link: https://www.researchgate.net/profile/Naveen_Jain7

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