

KnowHow Webinars MasterClass



Tyre Failure Analysis

Program Agenda

Module 1 - Failure Mechanism of Rubber Compounds

- Strength of Rubber Compound
- Friction & Abrasion Effect on Rubber
- Ageing of Rubber

Module 2 - Failure Mechanism of Tyres

- The Mechanics behind Tyre Failure
- Common Cause of in-Service Tyre Failure

Module 3 - Tread and Belt Separation Failure

- Root Cause of Tread and Belt Separation
- Identification and Analysis of Tread and Belt Separation

Module 4 -Tyre Failure Conditions and Analysis

- Different Types of Tyre Failures
- Their Root Cause and Analysis
- Corrective Action and Prevention

Module 5 - Tyre Wear Mechanism

- Influential Parameters on Tyre Tread Wear
- Vehicle Induced tread wear

Module 6 -Tyre Wears - Types

- Front Axle Tyre Wear
- Drive Axle Tyre Wear
- Trailer Axle Tyre Wear

Module 7 - Forensic Analysis of Tyre

- Preparation for Tyre Failure Investigation
- Sample Preparation
- Understanding from the sample

Upcoming Schedule

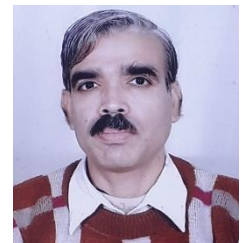
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Speakers



Vitesh Giri is a well-experienced tyre industry specialist with 25+ years of experience in the tyre design and development, starting from 2/3-wheel tyres to Giant OTR tyres. Currently, he is working as managing director of CRYT Innovation, a Tyre & Rubber Consulting firm providing solution to global tyre industry.

Dr. Samar Bandyopadyay is a well-experienced rubber technologist with 30+ years of experience in rubber & tyre compounding, material selection and testing. Currently, he offers his services to rubber & tyre industries and testing laboratories.



Registration Guidelines

Registration Fee

Member: 350 US\$ Non-Member: 450 US\$	Remarks: Taxes and Payment Processing fees apply. Registered participants will receive online link three days before scheduled time. Participants receive training documents and "Certificate of Participation" in PDF format.
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Registration Form: <https://webinars.technobiz.org/event-form-18940/>

Remarks

- Registered participants will receive online link 2-days before schedule date.
- Participants will receive softcopy of presentation handout (PDF) and certificate of participation.

Contact Information

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