

“Cyber Pit Stop: Automotive Cybersecurity in the Connected Era”

CERT-In is advancing its ongoing efforts to strengthen the nation's cyber resilience through key initiatives proposed during the **CERT-In SAMVAAD 2025** annual conference held at Mahabalipuram, Tamil Nadu in May 2025. Among the notable proposals was the launch of Automotive Security Working Group for development of **“Automotive Cybersecurity Guidelines & Framework”**, envisioned as a strategic national framework to enhance cybersecurity preparedness, regulatory readiness, and incident response capabilities in the rapidly evolving automotive ecosystem.

In line with this vision, CERT-In along with the Working Group chair and members organised a **“Automotive Cybersecurity Workshop”** on December 11, 2025 for the cybersecurity audit community. The workshop brought together more than **185** participants, including representatives from automotive sector regulators, CERT-In empanelled information security auditing organisations, industry experts, and emerging technology innovators, with the objective of strengthening national competencies in securing modern, connected, autonomous and intelligent vehicles.

The workshop covered a comprehensive range of focus areas, including:

- Protection and security of in-vehicle communication networks
- Threat detection, incident analysis, and mitigation techniques
- Automotive Cyber Security Framework and Standards.
- Best practices for developing cyber-resilient automotive architectures

Expert-led technical sessions, demonstrations, and real-world case studies which enabled participants to gain practical insights into

addressing emerging cyber risks in the automotive sector. The initiative reaffirms the **Government of India's commitment to fostering safe, secure, and future-ready mobility**, aligned with national cybersecurity priorities.

Participants appreciated the workshop's practical approach and its relevance in today's rapidly digitizing transportation landscape.

CERT-In extends its gratitude to the working group chair & members, speakers, domain experts, and participating organisations for their valuable contributions.

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Automotive Cybersecurity in the
Connected Era**

On
11th Dec 2025
1430-1700hrs



certin
Computer Emergency Response Team India

AGENDA

Welcome Address	Sh. Kottaram Ramesh, MD SkillsDA & Chair-Automotive Cybersecurity Working Group	1430-1435hrs
Inagural Address	Dr. Sanjay Bahl, Director General, CERT-In	1436-1440hrs
Keynote Address	Sh. S.S Sarma, Scientist 'G', Senior Director, CERT-In	1441-1445hrs
Special Address	Sh. Ashutosh Bahuguna, Scientist 'E', Lead CSA Group, CERT-In	1446-1455hrs
Audit Guidelines and Comprehensive Framework on Automotive Cybersecurity	Smt. Indravani, Scientist 'F', C-DAC	1456-1525hrs
Demonstration on Automotive Cybersecurity	Sh. Arun Mane, CEO, Amynasec Labs & Sh. Ajay Nikumb, CEO, SOC Analyst Pvt. Ltd.	1526-1640hrs
Overview of Cybersecurity Controls to meet Automotive Cybersecurity Regulations	Sh. Khushwant Pawar, Vice President, SecureThings	1641-1700hrs
Vote of Thanks	Sh. Sabyasachi Jena, CERT-In	1700hrs

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