



**CVC Pvt. Ltd.**

<http://www.cvcblr.com>

## **ABV beyond RTL**

### **Table of Contents**

#### *Session 1: Introduction*

- Introduction to Assertions
- Introduction to ABV
- Languages
  - SVA
  - PSL
- Technology
  - Simulation
  - Formal

#### *Session 2: ABV at RTL*

- Use model
  - In-lined
  - External

#### *Session 3: ABV and Synthesis*

- Declaration/structure

#### *Session 4: ABV and Clock Domain Crossing*

#### *Session 5: ABV at GLS*

- Challenges
- Suggestions

#### *Session 6: ABV at Emulation*

- Total recall technology



**CVC Pvt. Ltd.**

<http://www.cvcblr.com>

*Session 7: ABV for Debug*

- Challenges

*Session 8: ABV for performance measurement*

- Challenges