



## **IEEE International Test Conference, India 2019** **July 21-23, The Leela Palace, Bengaluru**

### **Technical Program @ ITC, India 2019**

We are excited to summarize the Technical Program for 3rd edition of ITC India. We received a marked increase in the quality of submissions which enabled us in creating a good set of sessions as part of the technical program. We have papers across topics ranging from Diagnosis, Test Cost Reduction Techniques, NoC & Interconnect Testing, Silicon Validation, etc. Along with selected papers, we have a panel discussion with industry leaders, on topic of Functional Safety in mission critical devices.

To cover a wide variety of topics, we have included a few exciting Invited sessions:

Prof.Kamakoti from IIT Madras will talk on the RISC processor design challenges, based on his recent experience of developing a completely indigenous processor.

Prof.Gaurab Banerjee from IISc will walk us through on mmWave Design, Characterization & Test Challenges highlighting current practices as well as outlining potential future mmWave BIST strategies. We also have a follow-up session from his counterparts in the industry highlighting their test development.

Prof. Adit Singh (who has given 2 tutorials in last 2 editions of ITC India), will talk on Automotive Test highlighting what he sees as some of the challenges. Nilanjan Mukherjee from Mentor will present on Deterministic Stellar BIST for In-System Automotive Test which was one of the distinguished papers at ITC US 2018.

There is a special session of invited presentations from amongst the best papers submitted to ITC Asia this year. This will give an insight into some of the areas that are being actively pursued as topics of research by the Test community in Asia.

As you can see, there is a variety of topics that will be covered at the 3<sup>rd</sup> ITC India Conference. We invite you to attend these sessions and benefit from the technical expertise and the multiple years of experience of the presenters. For more details on the [Agenda](#), [Tutorial program](#) and [registration](#), please visit the [ITC India web page](#).

Early Bird Registration closes July 12th (Friday).

**Krishna Rajan**  
**Program Chair**

**Prakash Narayanan**  
**Vice Program Chair**

