

In association with School of Mechanical Engineering (SMEC)

Cordially invites you to

Video Conference Hall Central Library

Faculty Coordinators : Dr. Akash Mohanty, Dr. Raghuraman D R S

## Reliability and Quality Assurance for Spacecraft Systems

### Resource Person :



**Mr Prakasha Rao P J V K S,**  
Scientist & Director - ISRO (Retired)  
ISRO, Bangalore



### Discussion Points :

- ✓ Quality, Reliability , Availability and Maintainability concepts
- ✓ Design for environment and Space environment
- ✓ Space systems and their special features
- ✓ Parts, Materials and Process Control (PMP)
- ✓ Test & Evaluation, Non - Conformance Control
- ✓ Software Assurance and it's enhancing importance
- ✓ Design for Reliability, Reliability Apportionment & Prediction
- ✓ Derating, FMECA , FTA, Worst case Analyses
- ✓ Interface Control, Documentation, Configuration Control
- ✓ Concepts of TQM, CWQC, 6 Sigma

**16-Mar-2023**  
**(Thursday)@**  
**10:00AM-1:00PM**

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