

Biodata



1.	Name	S. Harikrishna	
2.	Designation	DD, Safety, Reliability and Quality Area, Human Space Flight Centre	
3.	Educational Qualifications	B.Tech in Mechanical Engineering, JNTU, Anantapur M. E in Aerospace Engineering, IISc, Bangalore	
4.	A brief summary of contributions	<u>At Composites NDT Division, CMSE, VSSC (2000 January -2022 August)</u> Identified, introduced new, innovative, improvised test methods/technologies such as Laser shearography; Air, Dry, Alcohol, LY-556 resin coupled, water coupled ultrasonic testing. Enabled health assessment and feedback about the quality at each stage of composite product realisation from the component stage, to facilitate corrections if required and acceptance. Notable structures developed include: • Composite ablative nozzle liners, motor cases and interstage structures for all Launch Vehicles • 4m and 5m composite payload fairings for GSLV and GSLV Mk III • Optical Camera Structures, various Reflector Assemblies for spacecraft. Analysed the defect originations and provided suggestions for improvement the structures, which have been accepted and implemented. Provided NDT assessment of Composite structures successfully flown in multiple launch vehicles and spacecraft missions of ISRO. <u>As DGM, Resident QA, HAL (2022 August -2024 November):</u> Contributed in the realisation of light Alloy structures realised within ISRO/outsourced work centres. Identified opportunities for quality improvement. <u>As DD, SRQA (2024 November- till date):</u> Provided/ing quality assurance of Human Centric Gaganyaan systems.	
5.	Papers published (No.)	National: 3 Journals 10 Conferences	International: 2 Journals 4 Conferences
6.	Awards received	• National award by Indian Society for Non-destructive Testing (ISNT) for “<i>NDT Systems Innovation & Development</i>”, in year 2017 • ISRO Team award for the “<i>Design & Development of Dual Gridded Antenna Reflector</i>” in year 2011	
7.	Others	• Guided two M. Tech and 1 M.S projects from NIT, Trichy • Member of National Governing Council of ISNT, from the year 2018. Secretary for the Training Management Board from Feb 2022.	