



PROFILE

P.Natarajan, Scientist/Engr H ,Group Director, - ISAC/ISRO (Retired)

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www.planetaerospace.in

Over Thirty-three years of experience in design, development, testing and operationalization of Attitude and Orbit Control Systems for spacecrafts.

Present Occupation: Head, Guidance Navigation and Control Group in Team Indus aiming to send Lander to the moon.

Member, Faculty, Planet Aerospace, Bangalore.

Academic Qualifications: 1. B.Tech In Aeronautical Engineering, MIT,Anna University
2. ME in Aerospace Engineering, IISC,Bangalore

Date of Joining in ISRO, Bangalore:1982

Date of Super Annuation:2015

Areas of Specialization (specific): Design and Development, testing and operationalization of control systems for all spacecrafts.

Key Positions Held in ISAC/ ISRO:

From 1982 - 2015: Design Engineer, Control Systems Group
Division Head, Control Dynamics & Analysis Division, CSG
Group Director, Control Dynamics and Simulation Group, CSG

Awards: ISRO Merit Award for 2014

Technical Papers/Publications: Published over 30 technical papers in national and international conferences.

Major Accomplishments/Achievements in ISRO:

1. Significant contribution in Indian Remote sensing satellites, specifically in the design, development, testing and operationalizing the Attitude and Orbit Control System.
 2. Developed many new control algorithms for satellite attitude control which worked successfully in various missions.
 3. Responsible & effectively contributed in the design and development of on-board autonomy features for MARS Orbiter Mission and implementation.
 4. Developed a fuel optimal and analytical closed loop guidance scheme for Chandrayaan-2.
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