



## PROFILE

A.A.Bokil, Senior Scientist ISRO (Retired)

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More than three decades of experience in Space Technology and its applications right from India's first satellite ARYABHATA. He started his career in Physical Research Laboratory (PRL) with Rocket Payload experiment onboard Centaur and Nike Apache rockets. His areas of specialisation includes Assembly, Integration & Testing (AIT) of spacecraft, Spacecraft Configuration & Management, System Engineering, Subsystem and system level tests, Project Management, Vendor evaluation in AIT systems and infrastructure.

**Present Occupation:** Executive Member and Faculty, Planet Aerospace, Bangalore.

### Previous Occupation after service in ISRO:

- After career in ISRO, he worked in private organisation as **Head, Engineering & Operations**. In this capacity, he was responsible for establishing automatic play out and remote programming systems for multiple digital musical channels, building recording and programming studios, establishing and operating multimedia data services using Satellite Radio Broadcast platform.
- From 2006, served in a private company. as **Director, Satellite Systems**. He contributed significantly in reviewing and monitoring the space segment, testing of the hybrid systems involving space and ground segment to provide data and multimedia services.
- During 2014-15, he contributed to the field of Telemedicine in the capacity of Director, Technology & Operations in a private company. In this capacity he was responsible for establishing a telemedicine network for Govt. of Karnataka.

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**Academic Qualifications:** 1. Bachelor Degree in Sciences  
2. Diploma in Electronics and Radio Engineering  
3. Post-Graduate Diploma in Management  
4. Post-Graduate Diploma in Marketing Management  
5. Post-Graduate Diploma in Operations Management

**Date of Joining in ISAC/ISRO:** 1972

**Date of relinquishing ISRO :**2004

**Areas of Specialization (specific):** Assembly, Integration & Testing (AIT) of spacecraft, Spacecraft Configuration & Management, System Engineering, Subsystem and system level tests, Project Management, Vendor evaluation in AIT systems and infrastructure

### Key Positions Held in ISAC/ ISRO and activities:

**From 1972 - 2004:**

Spanning 28years: As Project manager, Deputy Project Director contributed to many satellite projects like Aryabhata, Bhaskara I and II, IRS 1A, IRS 1E, IRS 1C and IRS 1D.

Head, Satellite Integration Division (SID).

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1972 -2004

Responsible for Spacecraft Configuration and Management, Assembly, Integration and Testing, System Engineering and Project Management, Launch Base Operations etc.

Had Special training in ESA/NASA in 1982/83 in Integration of Spacelab experiments.

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**Major Accomplishments/Achievements in ISRO:**

1. During Career of twenty-eight years in ISRO contributed to ISRO's satellite projects like Aryabhata, Bhaskara I and II, IRS 1A, IRS 1E, IRS 1C and IRS 1D in different capacities like project manager, Deputy Project Director.
  2. Specially deputed to ESA/NASA (1982/83) for training in the area of Integration of Spacelab experiments.
  3. As a Special Assignment, designed and managed a course in "Spacecraft Architecture" for M.E. students in IISC. During this course, specifically taught M.E. Students in Spacecraft Configuration.
  4. led a technical team from ISRO to Iran on a collaboration project to configure and design a small spacecraft.
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  6. Design of launch vehicle structure for SLV-3, Design of PSLV Liquid stage structures
  7. Developed Finite elements for structural analysis for the FEAST structural analysis software of VSSC/ISRO
  8. Technology transfer for Propellant tank of INSAT-2 to M/S MBR/ERNO for supply of propellant tanks for ISRO spacecraft
  9. Successful management of two commercial communication satellites W2M and HYLAS during tenure in ANTRIX Corporation.
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