

Education

- M. Tech. in Electronic Engineering, Gold Medalist, 1993, University of Allahabad
(Dissertation: Spread Spectrum communication- determination of high degree irreducible polynomial over a Galois Field)
 - B.Tech. in Electronics & Telecommunication, Gold Medalist, 1988, University of Allahabad
(Optical Fiber communication & Estimation of Electron Distribution in Ionosphere)
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Employment

Cabinet Secretariat, Government of India:

- 1989 as a Group-A Gazetted officer.

NTRO, Government of India:

- 2006 as Scientist 'D'

Superannuation:

31st December 2023 in the rank of Joint Secretary/Sc. 'G', after attaining the age of 60 years.

Work Profile & Experience

- **1989 to 2006:** Responsible for operations & development towards the creation of national strategic capabilities involving niche technologies in the diverse technological domains, ranging from advanced communication (land and space based), Digital signal processing, instrumentations, data analytics & modeling, networks etc. to administrative and overall management of the setup having more than 250 manpower.
- **2006- 2017:** Foundational planning, identification and defining of missions & thereafter conceptualization of the operational framework and setting up of various Centers besides, discovering human resources, creating systems and policies etc. to creation of infrastructure, environment & culture for setting up of the new organization. Later, as Center Director, headed a Centre having strategic relevance.
- **2018 to 2021:** Headed an R&D Division: A comprehensive framework was realized for undertaking captive research and development, cutting across diverse technological domains, broadly in the following areas:

- Cyber security technologies covering cyber defense
 - Advanced signal processing.
 - AI based data analytics.
 - Drone detection and mitigation technologies
- **2021 to 2023** as Joint Secretary, Policy & Planning, streamlined and re-structured the various policies including procurement processes for faster and efficient functioning.

Internal Publications

- 23 technical research papers and research reports.

Awards & Commendations

- Received 17 numbers of awards/commendations for outstanding work.