

Brief Profile of Prof. H S Bhatia

1. Served Electronics and Radar Development Establishment (LDRE)-DRDO, pioneer defense R&D Lab for 35 years designed and developed Radar Systems for Defence applications. Major projects handled Moving Target Indicator (MTI) for Fire Control Radar, Naval surveillance and tracking Radars for Indian navy, Multimode Radar (MMR) for LCA, 3D-Centre Acquisition Radar (CAR) Battle field surveillance Radars (Feasibility study & System field trials) in the domain of design and development of microwave receivers, signal processing subsystems, system integration and performance evaluation, retired in 2004 as Additional Director.
2. Served KNS Institute of Technology, Bangalore as Prof and HOD Department of Instrumentation Technology for 10 years. Taught signals and Systems, Digital Signal Processing, microwaves and radar, Antenna and Propagation, DSP Algorithms and Architecture, Micro and Smart system Technology, Remote Sensing and smart sensors. Guided student projects, organized seminars/workshops including soft skill trainings, Faculty Development Programs (FDPs).
3. Actively involved in professional bodies such as IETE (Hon Secretary & Chairman), IMAPS (Hony.Secretary&Chairman) and IDST Bangalore (Chairman) as office bearers and contributed significantly for furtherance of their basic aim and objectives for improved productivity.
4. Served IETE Bengaluru Centre actively for more than two decades in the various capacities like Hony. Secretary (2012-14&2016-18), Chairman(2018-20).
 - A. Innovatively designed, conducted Short Term Courses (STCs) on Modern Radars, Mechanical Design of Electronic Products (MDEP), Radar Electronics Warfare Systems (REWS) for corporate professionals and practicing Engineers.
 - B. Broadened ISFs network, supported workshops/Seminars for enhanced learnability and improving IETE visibility.
 - C. Established CoE in IoT at IETE Bangalore and conducted Internship and one day Workshops on various engineering subjects for Engineering students.
 - D. Conducted IETE HQ International Conferences, IICI-2018 and IICI-2023 in lead roles at IETE Bangalore Centre.
 - E. IETE Bangalore received the best centre awards successively for two years while being chairman of the centre and once when Hony. Secretary of the centre.