



Commander YVV Prasad, IN (Retd.)

(Recipient of Best Citizens of India & Glory of India Awards)

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Vice President, Blighter Surveillance Systems –India

(Blighter Surveillance Systems Limited is a UK company)

And

Chief Strategic Adviser and Expert-Consultant

In defence, aerospace, homeland security and Cyber-Security domains

And

Independent Director on-board some new start-ups, SMEs and new enterprises

38 years of professional experience, full of achievements, awards and accomplishments

Skills, Expertise & Exclusive professional specialties in :(1)Integration, testing & evaluation of multi-sensor & multi-processing based integrated systems in Defence & Aerospace & Homeland Security domains (2) Perspective/ Strategic Planning in Defence & Aerospace (3) Business Strategies & Business solutions for 'Breakthrough Gains', SBU Creation, Infrastructure Planning & Setting-up entities in Defence & Aerospace and Homeland security (4) Surveillance radars & electro-optics systems (5) Project/Program Management and Promotion of Best Practices in Defence Industry (6) EW, Missiles, Guided Weapon-systems, Integrated Electronic Systems; Development, Engineering, Operations & Trials (7) Software Project Management, Development of Interfaces and Software Documentation (8) Cyber-defence, Cyber-Safety and Cyber-Security (9) Operations Management in Defence & Aerospace and SBU Administration (10) RMA Analysis and Design Considerations for Defence Equipment (11) Quality Management Systems; ISO, AS 9100, CMMI, QIPs & ERP (12) Training & development in Defence & Aerospace Domain (13) Academia-Industry Interface sessions in Technology/Eng. (14) Technical Lectures/Master-classes and corporate guidance/training

Overview

1. Astute top-level Professional of 38 years' experience in Defence sector; served Indian Navy for 21 years (took premature retirement as a select-placed Captain of Indian Navy); and Defence PSUs (Bharat Electronics Ltd & Garden Reach Shipbuilders & Engineers Ltd) & private sector defence-electronics companies for the last 17 years in senior & top management positions (as Corporate GM, Vice President, Senior Vice President and Director)
2. Nationally acclaimed as one of the best system-integrators/project-directors for major integrated programs involving multi-sensor, multi-data fusion and multi-processing & data-portrayal architectures and needing extensive testing and integration efforts, combining multi-data links/ comm. systems & interoperability
3. Contributed professionally with meritorious performance in many National Integrated Programs viz., (1) Integrated Guided Missile Development Program (of Late Sri Dr. APJ Abdul Kalam) (for Prithvi, Trishul and Aakash versions) (2) Integrated Naval Electronic Warfare Program (Project Sangraha and the new variants) (3) Advanced Technology Vessel EW Program (4) Advanced Missile Launcher build and evaluation program (5) Indigenous Su-30 fighter aircraft program (6) Jaguars' upgrades program (7) Light Combat Aircraft development program (8) Airborne Warning And Control System (AWACS) development (9) currently in Integrated Border Management Program for Ministry of Home Affairs
4. Holds the specific distinction of having worked for every type of military aircraft flying in India at this time in some form or other viz., Jaguars, Migs, Mirages, Su-30s, LCA, LCU, AN-32s, Tus, Dorniers, Seaking 42Bs,

Kamovs, IJTs, ALHs etc. for their support-systems, avionics, cockpit fitted displays, SS-FDRs & Software integration rigs, DIUs, test-sets/test-jigs, ATEs, communication systems, mission-computers, TMS and such other systems/equipment; and then with unique distinction of having installed & integrated more than 27 nos. Electronic-Warfare systems of modernity in naval platforms, to include surface ships & submarines

5. An acknowledged professional & expert in guided-weapon systems/missiles (SSMs/SAMs/AAMs/ASMs), homing Torpedoes (Stream gas/electrical), rockets and unmanned vehicles (UAVs/UGVs/AUVs)
6. Expansive and entrepreneurial thinker with an outstanding record of achievements in implementing new business strategies and delivering innovative solutions, with proven expertise in Defence-electronics and in particular, EW/Guided-Weapons/Radars/Sonars/Comm/BFMS/Integrated electronics/Missiles/TMS/ Combat Management systems/Surveillance & Security automation systems
7. Possesses creative leadership & visionary capacities in complex, competitive, and highly regulated environments. Also a proactive planner (through forward-looking vision) with displayed & demonstrated competence in heading & directing complete 'Business Operations' to meet the targeted objectives
8. Established strategic plans, developed systems, executed operational overhauls and led numerous teams & organisational units to enhance growth opportunities in which corporate image was transformed and profitability re-established
9. A keen-eye for details in high profile assignments responsible for all aspects of corporate Management/ perspective Planning, business operations and business strategies, strategic defence Projects, operations Management, Business Promotion and national & international Marketing
10. Acclaimed & proven competence in systems-building in Defence, Aerospace and Homeland Security programs and in handling Corporate Planning, Market Initiatives, Business Expansion, Infrastructure modernisation & augmentation, IT & Systems & Industrial Engineering Departments
11. Possesses solid technical & business skills, versatile attitude and prompt organisational and multitasking capabilities as well as strong problem solving abilities; can anticipate & identify problematic issues, research solutions and make effective decisions.
12. Resourceful and intuitive communicator with thought-leadership. Readily establishes trusting rapport with colleagues and customers alike. Distinguished speaker in defence technologies, industry growth, corporate planning & business plans and holds many credentials in the industry & academia. Acclaimed as an effective professor and guide for 'Academia-Industry Interface'

Capability profile;

- Outstanding achievements in Defence & Aerospace electronics
- A recognised R & M professional by DRDO & Defence PSUs with the distinction of having worked closely with DRDO labs, Defence PSUs, industrial firms in India & abroad and end-users of Defence forces & para-military forces for large Projects/Products.
- Credited with the successful completion of various EW & Missile projects whilst in Navy and BEL, involving design, development, engineering, manufacture, different levels of testing, integration-testing, acceptance trials at factory, installation & commissioning and formal evaluation trials.
- Significant hands-on expertise in corporate planning and business & market initiatives
- Exceptionally noted in handling operations & project management, involving development, manufacture and deliveries/dispatches
- Technology skills in Missiles, Guided weapons, EW, Combat systems, Data-link, Comm. systems, Antennae systems, Cyber-security and Aerospace and Avionics systems

Functional Strengths;

- Discerning business sense for organisational efficiency.
- Orchestrated operational plans within numerous international environments.
- Strong analytical skills to solve problems resourcefully.
- 'Expert implementer of quality control' and standardization of procedures.
- 'Customer-focused Top executive' with an intuitive sense for what will sell and how to serve.
- 'Seasoned top- professional' with excellent internal and external negotiating skills.
- 'Initiator of change' to increase profit, revenue, and productivity.
- Exceptionally well organised, with track record that demonstrates self-motivation, creativity, and initiative to independently lead several teams & tasks and operations.
- 'A well noted top- professional' in Quality Management Systems, Standards and Practices
- 'A professional analyst and speaker' on software project management, documentation & standards
- 'Acknowledged professional' for systems-building in defence-electronics and integrated defence programs
- An efficient "Academia-Industry" Professor & Guide; and 'Academic Administrator' for professional management & administration of Academic Institutions

SCAN OF THE EMPLOYMENT THUS FAR

From April 2015 to till date as "Vice President, Blighter Surveillance Systems-India" on full time basis/on main course; (and also engaged as a "Chief Strategic Adviser/Expert-Consultant in defence, aerospace and homeland security; and as an "Independent Director" for some new start-ups, new enterprises and certain SMEs as an Independent Director, advising them on Cyber-defence, cyber-security, vulnerabilities, aero-space systems/avionics and surveillance/security-automation)

Engaged in all Blighter Radars-centric business strategies, consortium-operations, promotion & BD campaign of Blighter radars and surveillance-procurement cases in India; and all Blighters' interests in India for homeland security needs in all domains viz., border security, airport security, surveillance of military airfields, coastal & marine security, oil & gas infrastructure security, surveillance & security of critical strategic infrastructure (nuclear, space & defence installations, shipyards, ports, dams and all Vulnerable Areas/Vulnerable Points)

Also involved in supporting some industry-firms and certain new start-ups/enterprises in defence, aerospace, homeland security, cyber defence/cyber-security as a strategic adviser & expert-consultant/as an independent director onboard.

From Mar 2014 to Mar 2015 as "Executive Director & President", Secure Earth Technologies Limited -

"Headed the Strategic Systems Wing with a specific emphasis, focus and vision in the business-domain of surveillance technologies associated with surveillance radars, electro-optics based systems, lasers based surveillance and trackers. In the process, the business activities called for professional engagements with world-class companies of repute for consortium-building, strategic alliances and technology-partnerships".

From Feb 2012 to Mar 2014 - "Head (SBU) of RTTS Strategic Systems Division" of RTTS Group, Bangalore (within the same group of the former position) –

"Head of an independent strategic business unit and the systems-division" in RTTS group for integrating, building and delivering systems & sub-system blocks, equipment and product-solutions for defence, aerospace and homeland security domains in the professional areas of 'Radar based surveillance systems', 'EO based sighting & surveillance solutions', 'Integrated security & surveillance project-equipment', 'Multi-axes stabilization platforms/Directors for weapon & sensor-platforms', other 'Integrated electronic systems & their blocks as plug-in solutions for command & control', 'Simulators/ATEs and diagnostic equipment' and such other objects, as realised & TOT based through the strategic alliances and collaborative partnerships with OEMs of international repute, and suitably modeled for indigenous build and delivery needs".

From May 2011 to Feb 2012 - “Divisional Head (Strategic Systems Division)” of Bharat Realtime Private Limited, in league with Realtime Techsolutions, Bangalore, and the holding company of certain cluster units engaged in defence & aerospace and IT & systems :

“Head-strategic systems division, creating the system-building groups in defence & aerospace, making the business plans for setting-up the design centers & production units in aerospace/avionics, electro-optics based surveillance/ sighting systems, EW, Software Defined Radio & Integrated marine electronic systems, building strategic consortiums and alliances for business ventures, strategising the contracts internationally for exports and offset obligations, and promoting organisational vision for business growth and expansion for the company in defence & aerospace markets of India and abroad”.

From April 2008 to May 2011- Senior “Vice President & Head (Strategic Projects Group)” in Trident Group (Trident Infosol Pvt. Ltd, Alligator designs Pvt. Ltd, Rentech Singapore Pte. Ltd & Stratel Micro systems) :

“Heading Business development, Design/building of strategic defence equipment & systems, Customer-Interface & Relations in Defence, Para-military forces & Auxiliary forces etc. and promoting organisational vision for business growth and expansion in defence markets of India and abroad”.

From Apr’ 2006 to Apr 2008 with Meltronics Group of Companies, Bangalore as “Senior Vice President & Director (Operations & Business Strategies)”:

“Spearheaded operational activities for Design/Development, Procurement, Mechanical Works, Assembly Works, Manufacture/Fabrication, Testing, Quality Management, Deliveries/Dispatches, Installations, Customer-Interface & Relations etc and also ensured accomplishment of organisational vision for business growth and strategic direction”.

From 2005 to 2006 with Garden Reach Shipbuilders & Engineers, Kolkata as “General Manager (Corporate Planning & Market Initiatives)” :

“Headed the departments of Corporate Planning & Market initiatives and guided teams competently on Strategic & Perspective Planning, Business Expansion, and International Marketing, Infrastructure & Modernisation Projects, IT & Systems and industrial Engineering activities”.

Also involved in a number of defence committees for defence exports, formulation of DPP & offsets and also was a member of Defence Ministers’ delegation overseas

2001 to 2005 with Bharat Electronics Limited, Hyderabad as “Deputy General Manager/Senior Deputy General Manager”, heading ‘Naval EW Systems Department’:

“Directed efforts towards development & engineering of a no. of defence EW Projects, testing, operations, production management, installation & commissioning and product & customer-support activities. Involved in handling defence customers & MOD officials at senior/top level and also in international marketing of EW systems. Led many Naval EW projects and developed & executed EW Software Interfaces for Combat Management Systems during 2001-2005, guiding multiple project-teams, for Indian Navy/EW systems, integrating with sensors and finally integrating as a whole with combat management systems on board Indian Naval Ships”.

1980-2001 with Indian Navy in Many Senior Managerial appointments & HOD positions, having worked in a no. of fleet ships, Command Headquarters, Naval Headquarters, both naval Dockyards, Maintenance units, Acceptance & Trial agencies, Missile TPs and Design and R&M establishments

“Contributed substantially in operations management of naval equipment and weapons systems, maintenance management, project management/infrastructure building, technology management, R&M works and studies, EW design/development works, Missiles-operations, strategic planning and weapon equipment selection and development of new technology projects with DRDO & Defence PSUs”

Career Path in Navy (chief appointments)

- **Project Manager (Weapons-infrastructure), Naval Dockyard, Mumbai**
- **Deputy Director of systems (Weapons), Naval Headquarters, New Delhi**
- **Manager (Electrical Power Systems), Naval Dockyard, Visakhapatnam**
- **Manager (Material & Contracts), Naval Dockyard, Visakhapatnam**
- **Manager (Planning)/Classes of ships, Naval Dockyard, Visakhapatnam**

- **Chief Engineer (Missiles), INS Tunir, Mumbai**
- **Executive Officer, INS Tunir, Mumbai**
- **Director/Head RMAG (EW), Naval Technical Group, Hyderabad**

Awards, Appreciation and Honours

- ☞ **Recipient of prestigious “Best Citizens Of India & Glory Of India” National Awards**
- ☞ **Nominee & considered for Rajiv Gandhi Excellence National Award-2011 for industry and Growth**
- ☞ **Nominee twice for VSM and NM (Devotion to duty) during Naval career**
- ☞ **Commendation by Commander-in-Chief (East) in 1984 for professional contributions**
- ☞ **Commendation by the Chief of the Naval Staff in 1993 for works on weapon systems/equipment and in particular for submarines.**
- ☞ **Received appreciation from Flag Officer Commanding-in-Chief, Eastern Naval Command in Jul 1999.**
- ☞ **Appreciation by Padmashri Sri N Divakar, Director, DLRL in Aug 1999 on the R&M studies undertaken on EW systems.**
- ☞ **Appreciation from COM (Chief of Material), Navy in 1998-2001 for works undertaken by NTG, Hyderabad.**
- ☞ **Appreciation by Directors of BEL for successful EW Project Management**
- ☞ **Appreciation from Top officials of Ministry of Defence/DDP and many CEOs of defence & aerospace companies**
- ☞ **Awarded Commodore LS Mehta’s Trophy for being the Best Management Student during a Long Management Course from Naval School of Management Studies in 1987**
- ☞ **Recipient of several commendations by many Admirals and Directors of Indian Navy for devotion to duty & service, technical competence and professional capability.**
- ☞ **Recognised as ‘R&M Professional’ by DRDO & listed in ‘Reliability & Quality Professionals Directory’, published by CASSA, Bangalore in Apr 1999**
- ☞ **Recognised & listed by International Society of Who’s Who professionals**
- ☞ **Recognised by professional institutions like BITS (Pilani), IACT and other Defence institutes**
- ☞ **Currently Adjunct Faculty of BITS-Pilani**
- ☞ **Also a member of the National Advisory Council of IAMEE, the PG level Management Institution**
- ☞ **Currently the ‘Member of the standing sub-committee of CII & FICCI-Defence/SME structure’**
- ☞ **Noted expert in surveillance and security automation systems by Ministries & Govt. bodies**

ACADEMIC CREDENTIALS

- **B.Tech (Electrical and Electronics)** from College of Engineering, Anantapur, Jawaharlal Nehru Technological University (Hyderabad), secured first class with distinction (University Ranker)
Also Member of Institute of Engineers (India)
- **PG in Management from Indian Navy** - First class with distinction
- Graduation from ‘Naval College of Warfare’, Indian Navy in Technical Management’ - Distinction
- Graduation from INS Valsura, Jamnagar in ‘Electrical Specialisation Course’ (Recognised by IIE)
- Special courses on Naval warfare equipment & Technologies from INS Satavahana, Visakhapatnam
- **Specially designed course-module from ‘Indian Institute of Management, Bangalore’ on ‘Strategic Financial Management’.**

CERTIFICATIONS

- Certificates in courses from ‘Jamnalal Bajaj Institute of Management Studies’ in ‘Production & Project Management’ and Industrial Relations & Law.
- Certificates in courses from ‘NITIE’ in ‘Human Resources management’, ‘Personal Development & Team Building’ and ‘Material Management’.

- Certificates in courses from 'Indira Gandhi National Open University' in 'Marketing' and 'Sales and Distribution Management'.
- A course-module from Computer Society of India(Mumbai) on S/W engineering and system analysis & GUI.
- Course-module from CII on CII-EXIM Business Excellence Model Certification.
- **Certified Lead Assessor in Quality Management systems for ISO 9001:2008/IRCA & RABQSA-28392**

TRAINING MODULES IN CAREER

Industrial Relations & Law ; Production and Project Management; Logistics and Materials Management; System analysis; HR & Team Building; Corporate/Strategic Planning; Strategic Financial Management; Electronic Warfare; Missile Logistics & Operations; Guided Weapons; Anti-Aircraft/Anti-Submarine Equipment; Communication Systems; Aerospace/ Avionics systems; Sensors & Weapons; Combat Management Systems; Equipment Integration & Electrical Systems, Mission Computers; Software project management; Software Development, configuration management and software life-cycle management; Reliability & Maintainability; Testing & Tuning, Artificial Intelligence; Equipment Induction & Management

OTHER ASSIGNMENTS

- Visiting Professor to Management Schools & Colleges on topics of Management disciplines viz., ERP, Production & Operations, design engineering practices, HR, Quality, R&M, Equipment technologies.
- Consultant & Facilitator in Reliability Management & Maintainability studies, Business Promotion & Market Initiatives, Perspective/Strategic Planning, Project-infrastructure creation, Project Management and IT/e-security/cyber-defence.
- System Analyst & Group Leader for Software Projects and a speaker on Software Standards, Software Project Management and software Configuration Control
- Professional Writer & columnist on Management, Technology & Equipment-documentation
- Regular speaker in CII Defence forums

SOFTWARE SKILL SET & SPECIFIC EXPERTISE IN CYBER-SECURITY

System Analyst, Expert in S/W Standards & Documentation procedures, Software Configuration Management & Version Control, Software Interfaces.

- An established software professional in R&M and Project Management & Operations.
- A professional speaker on software standards, design & development and configuration management.
- Participated as a "task force member" during BEL tenure for refining the software standards and making the policies for software configuration management and development.
- Led many teams in embedded software projects of defence systems and equipment involving many interfaces to AIOs & mission-critical deployment structures & applications.
- Was involved in vetting the software documentation of military projects & chaired the audit boards for software checks, verification & validation;
- Builder of many software ATEs/simulators with hands-on experience in embedded software projects
- General Manager (SAP/ERP) in GRSE, a defence public-sector undertaking; and also General Manager (IT and Systems)
- Planned and implemented SAP in GRSE (Defence PSU) ; involved in SAP audit with Price WaterHouse Coopers and TCS
- Implemented cyber-security and e-security/with information security in organisations

- Involved in the backbone as a consultant for cyber-security/network security of private enterprises
- Professor in ERP and Information security & Cyber-defence; and also a specialist in Network centric warfare

PERSONAL DOSSIER

Date of Birth : June 14, 1959

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Family details : Married (Wife - Mrs. Y Aruna Prasad), 2 Sons – (i) Y.V. Girish Kumar - 31 Y, B.Tech., in Comp. Science & IT, and MS (Advanced Computer Science) from University of Memphis, US ; and a Software Engineer in US (ii) Y.V. Mahesh Kumar – 27 Y, B.E (Hons.) in Mechanical Engg. From BITS-Pilani; and MS (Mechanical Engineering Research) from Purdue University (2014) and currently placed and working as a group-leader in the R&D wing of Cummins, Columbus, Indiana.