



## **CV OF BRIG (Dr) B.K. KHANNA, SM, VSM \*\***

### **Present and Past Affiliations.**

1. Brig (Dr) BK Khanna is Lead Senior Consultant (DM) in Federation of Indian Chambers of Commerce and Industry (FICCI), since 2003 and CEO ARISE INDIA Network since 18 March 2019. He is Co-Chair of FICCI ARISE Task Committee. He represents ARISE in Stakeholders Engagement Mechanism (SEM) since November 2019. He is Member of the Advisory Group of SEM since 2019. He is Member of APP (Advisory Committee for Policy and Projects) of UNDRR Regional Office for Asia and the Pacific (ROAP). He is Working Chairperson and Director of Integrated Institute of Rural Development, Shimla, Chairperson of India Skill Development Council, Gurgaon, Director of DM Skilling Council and Director (Technical), All India Fire and DM Council, Gurgaon - all honorary positions. He was engaged by Ernst & Young as Climate Change and DM Consultant for its premium National project in Punjab. He is Founder Senior Advisor-cum-Senior Specialist (Policy, Plans, Training and Capacity Development) in National Disaster Management Authority (NDMA), Govt of India (Apex body on DM in India) for 9 years. Before that he was Senior Faculty at National Institute of Disaster of Management, Govt of India for two years. He served Indian Army for 32 years and Border Security Force for 6 years He took part in 3 Wars and 8 Counter Insurgencies. He is Expert Panelist **on more than 15 Indian TV channels for DM, Climate Change and Security matters.**

### **Work Experience in DM and Climate Change**

2. In FICCI he is involved in advising Govt of India on DRR in Private Sector, as part of FICCI DM Committee, on all aspects relating to MSMEs, advise ARISE INDIA Members on risk informed investments and resilient infrastructure, conduct mock exercises and increase Membership of ARISE INDIA. In his capacity as Senior Advisor, NDMA, he was involved in formulation of India's National

DM Policy, National Disaster Response Plan, and National Guidelines on making State Disaster and Crisis Management Plans. He was Core Committee Member for evolving National Guidelines on Chemical (Industrial) Disasters, Earthquakes, Floods, Cyclones, Role of Private Sector in DM, School Safety, Chemical (Terrorism), Fire Services, Civil Defense, CBDM and Incident Response System (IRS). He was involved in planning and implementation of DM Plans for Maha Kumbh Mela (Festival), (for managing crowd of over 8-10 million at a time) He has participated in various capacities in managing Orissa Super Cyclone 1999, Bhuj Earthquake 2001, Indian Ocean Tsunami 2004, J&K Earthquake 2005, Floods in Assam, Bihar and Orissa in 2006-2012, Sikkim Earthquake 2011, Uttarakhand Flash Floods 2013, J&K Floods 2014, all cyclones including Biparjoy June 2023 and manmade disasters, like Radiation Accident at Mayapuri Scrap Market in New Delhi, epidemics like Nipah virus 2018, Zika Virus 2017, Chikungunya, dengue and Aviation flu 2006 and COVID 19 .

### **Core Competencies – Formulation of DM Plans and Capacity Development**

3. His core competencies are DRR in Private Sector, CSR, inter relationship between DRR and climate change and synergy between national and state policy and strategies, for mitigating their effect. His expertise also lies in planning, formulating and reviewing DM plans at the National, State and district levels, in hospitals, at religious places, in educational institutions, in industrial units and in international/national events. He has formulated/reviewed DM/Crisis Management Plans of 5 Indian States and 87 multi hazard Districts. He is expert in Crowd Management at Religious Places and has made DM Plans of 5 most famous religious places and 8 international sporting events. He has reviewed DM Plans of 7 Union Ministries, 2 International Airports, 2 Metro Rail Systems and 10 multi-specialty hospitals. He also carried out triple audit (DM, Security and Fire Safety) in over 1048 schools and institutional buildings like NDMA and FICCI.

4. He is pioneer in conduct of table top and mock exercises in India and has conducted over 2130 mock exercises in all 37 States/UTs, 497 districts, 1649 Most Accident Hazard (MAH) industries/ MSMEs, 1048 schools, 38 hospitals and in other places like airports, ship breaking yard, etc. He has also conducted UNISDR sponsored mock exercise on Earthquake involving 21 countries and 15 Indian States in Agra. This may be a Guinness Book of Records for an individual to plan and conduct so many and so varied mock exercises at various levels.

### **Teaching and Field Experience**

5. Brig Khanna has rich experience in imparting training on DM, developing leadership traits at various levels, capacity building in educational institutions, community, first responders and in hospitals. He is visiting faculty in 37 universities/professional training institutions in India. At UN level he spoke at GP for DRR - 2019 at Geneva and Bali 2022 and at the RPs at Ulaanbaatar and Brisbane. He has a versatile personality with experience in the field, including war, counter insurgency and DM and in academics.

He is associated with various international and national NGOs, and has reviewed their projects on behalf of their international donors, which has given valuable inputs on awareness on DM at the field level.. He was associated with innovation of COVAXIN vaccine, Rapid Testing Kit and SHYCOCAN gadget for protection against all types of flus. MoU executed with JBP, Japan for sharing good practices.

#### **Educational Qualifications and Publications**

6. Brig Khanna did his Masters in Science in Psychology, Doctorate (Ph.D) in 'Internal Threat to India-Policy and Options' and Doctorate of Literature (D. Lit) on, 'Challenges of Managing Disasters in Border areas of India'. He has done MBA in International Trade and is a Certified Master Trainer of Trainees and Master Trainer for Simulation Exercises from Federal Emergency Management Agency (FEMA), USA. Besides writing 275 articles on Climate Change, Crises Management, DRR/DRM and Security related subjects, in various international/ national professional journals, he has written three books on DM and Climate Change. His two chapters on climate change have been published in the Reference Source, "Environmental Sustainability and Climate Change Adaptation Strategies, published by IGI Global, USA in December 2016. He has participated as a panelist in numerous (lost count of it now) international and national Seminars, Conferences and Workshops on DM, Crisis Management and Defense matters, some of them were organized by World Bank, UNISDR, USAID, FICCI, CII, and ASSOSAM & PHD Chambers of Commerce.

#### **National Bravery/Recognition Awards/Felicitations**

6. The President of India recognized his Services to the Nation for bravery during war and for exceptional Services, by decorating him eight times including with Sena Medal (for Bravery) & Vishisht Seva Medal and Bar (Two times), for showing exceptional courage, Chief of the Army Staff Commendation, Army Commander Commendation (two times) and DG BSF Commendation (two times). The national Govt & State Govts have also commended him numerous times for contribution in field of DM & Climate Change. Govt of Bangladesh honored him with title of,"Freedom Fighter", of Bangladesh in Dec 2019.

#### **Conclusion**

7. He is a visionary and can develop strategies and implement them from macro to grass root levels. Having vast experience at local and national levels and having worked closely as shadow to a decision maker at ARISE Global, he now has offered his services to take active leadership role at the Global level, devoting full time for implementation of Sendai Framework for DRR. He has innovative & out of box solutions for implementation of Action Plans of ARISE, esp. for MSMEs and risk informed investments. He has no liability. He enjoys playing golf. His two sons are settled well abroad and his wife is a freelance Disaster Manager, having done her MBA and Ph.D in DM.