

K. Venkatarama Sharma

Scientist-F & Group Head (Marine Ecotoxicology)

National Centre for Coastal Research (NCCR)

Ministry of Earth Sciences, Government of India



EDUCATIONAL QUALIFICATIONS

Writing in the Sciences (Massive Open Online Course through Coursera) – Dec, 2012 – with score of 88% by Prof. Kristin Sainani–Stanford University, California USA

Advanced Diploma in Management (Operations Management) – Jan, 1998 – Strategic Management – IGNOU, New Delhi

M.Sc (Microbiology) – May, 1987 – Molecular Microbiology – University of Poona, Pune

B.Sc (Microbiology) – May, 1985 – Applied Microbiology from RYK College of Science in Nasik – University of Poona, Pune

EMPLOYMENT RECORDS

1. **Scientist F & Group Head (MEERA)**, National Centre for Coastal Research (NCCR), Ministry of Earth Sciences, Government of India, 2017-till today
2. **Scientist-F**, Ministry of Earth Sciences, Government of India, New Delhi 2016(July)-2017(June)
3. **Scientist-E**, Ministry of Earth Sciences, Government of India, New Delhi 2015(July)-2016(June)
4. **Scientific Attaché**, Embassy of India, Berlin, Germany, 2011(June)-2015(June)
5. **Scientist-E**, Ministry of Earth Sciences, Government of India, New Delhi 2006-2011(May)
6. **Scientist-D**, Ministry of Earth Sciences, Government of India, New Delhi 2001-2005
7. **Scientist-C**, Ministry of Earth Sciences, Government of India, New Delhi 1997-2001
8. **Asst. General Manager**, Bharat Immunologicals and Biologicals Corporation (Central PSU under DBT), Bulandshahr, 1995-1997
9. **Manager (Production)**, Bharat Immunologicals and Biologicals Corporation (Central PSU under DBT), Bulandshahr, 1991-1995
10. **Junior Research Fellow**, National Institute of Oceanography, Goa, 1987-1989

MAJOR PROGRAMS & ACHIEVEMENTS

- Issue of draft notification on seawater use criteria by CPCB for MoEF&CC to ultimately make amendment to existing gazette notification that only has 3 heavy metals on the list currently

- Successful coordination of the India International Science Festival 2017 as Co-Coordinator and specifically leading the Media interaction including giving talks on All India Radio and Doordarshan Podhigai (Tamil) as well as coming out with a daily newsletter on each of the 3 days of IISF (totally 5 issues) called NAV VAIGYANIK – most regional press picked their stories from the articles and photos published here
- Leading the nation's efforts in the area of Blue Economy and Sustainable Oceans
- Responsible for the social media outreach of NCCR via official Twitter handle
- While at MoES Headquarters could successfully conclude implementation of Roof Top Solar scheme on all MoES and MoES institution buildings
- Managed the PAMC on Ocean Science and Resources helping fund proposals of several academic institutions in these areas
- While serving in the mission abroad could double the frequency of publication of S&T Newsletter from Germany from bi-monthly to monthly basis; briefed German press about India's Mangalyaan (MOM); pioneered with German assistance successful inter-lab calibration exercise for Acoustic Test Facility (ATF) established at NIOT that subsequently helped them collaborate later with Russians and British; helped bring the Pravasi Bharatiya Samman Award for the first time to Indian origin scientists in Germany (Prof. Victor Smetacek in 2012 and Prof. G.S. Chhatwal in 2013); organized Young Investigator Meet in 3 consecutive years on the lines of that done in USA; and held 23 science events in 13 different German cities during Days of India in Germany for the year 2012
- Helped with eradicating polio from India by manufacturing polio drops for 8 years

AWARDS

1. National Hindi Workshop of DOD's Second Place Award 2006. Outstanding presentation on the topic Desalination Economics
2. German Science Agencies Recommendatory Certificate 2014. Outstanding contribution in the field of Science Diplomacy between Germany and India

PUBLICATIONS

- Marigoudar, S. R., A. Nagarjuna, P. Karthikeyan, D. Mohan, and K. V. Sharma (2018). Comparative toxicity of chlorpyrifos: Sublethal effects on enzyme activities and histopathology of *Mugil cephalus* and *Chanos chanos*. **Chemosphere** 211, 89-101
- "Predicting Storm Surges – the German experience" (2004) in Hindi Journal of Department of Ocean Development
- "Desalination Economics" (2006) in Hindi Journal of Department of Ocean Development
- Technical report on Mangalore Chemical Fertilizers outfall at Thaneerbhavi, NIO (Goa)
- About 5 popular science articles published
- 10+ Delivered talk in workshops and International Conferences