

## CURRICULUM VITAE

**Name** : **Dr. SHEKHAR SARBHAI**  
**Father's Name** : **Late Shri Harihar Prasad Sarbhai**  
**Date of Birth** : **February 27, 1962**  
**Address for communication** : WZ- 36B; 1<sup>st</sup> Floor, Gali # 9,  
Subhash Enclave, Bari wala Bagh, Hari Nagar,  
New Delhi 110064, INDIA  
**Telephone (Residence)** : Mobile +91(11) 8076648012, 9662987999  
**E-mail** : [sarbhai@gmail.com](mailto:sarbhai@gmail.com), [sarbhai@live.com](mailto:sarbhai@live.com)  
**Educational Qualifications &CM)** : **Msc. (Chemistry), Ph.D (Science), PGDCA (EDP**

### **Work Experience** :

Currently, I retired as a **Technical Officer** from **Soil and Land Survey of India** (previously known as **All India Soil & Land Use Survey**) Subordinate office of **Integrated Nutrient Management Division (INM), Dept. of Agriculture & Cooperation & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Government of India**

**I possess experience in different fields as listed below:**

- and during **November 1986 to February 2010**, worked as **Asst. Technical Officer** in same organization.
- ***Natural Resources Management Division of Ministry of Agriculture, Govt of India (since March, 2002 to July, 2008 (6years & 4 Months))***

### **Since 2005 to July, 2008**

- I assisted in monitoring and implementing the activities of :
  - State Land Use Boards (SLUB), under the National Land Use Conservation Boards (NLCB), with the aim to prevent the conservation of agriculture land for non agricultural purposes.
  - Reclamation of Alkali Soils Schemes.
  - U.P. Sodic Land Reclamation Project (World Bank Project)
  - Analyzing the data of Silt Yield Monitoring Stations of different Indian States

### **Climate Change Cell (2002-2005)**

- I am working in **Natural Resource Management Division (NRM), Department of Agriculture and Cooperation, Ministry of Agriculture Farmers Welfare at Delhi** and assisted Additional Commissioner, on matters related to Climate Change, Clean Development Mechanism (CDM), Global Environmental Facility (GIF), World Bank, Interlinking of Rivers, doubling food production and monitoring of various River Valley Projects of India, etc.

### **Soil Analysis (Nov' 1986 to August' 1994 , June 1999 to March, 2002 & July' 2008 to Feb 2022)**

- Physico-Chemical & Mineralogical Analysis of Soils, Rocks and Water. Erosivity assessment of soils using analytical data.
- Interpretation of analytical results, nutrients availability of soil series and irrigation water for broad recommendation for better land use and land planning.
- Maintenance of Laboratory and supervision of lower staff.

### **Geographic Information System (GIS) (August 1994 to June 1999 )**

- Watershed Prioritization in Catchments of RVPs/FPRs using GIS. Registration of Digital Image with reference to Survey of India Toposheets. Digital Analysis and classification of Imageries, Development of AMLs for different utilities. Maintenance of all the related software packages, manuals, logbooks and computer accessories. Composition and printing of land degradation maps, maintenance of Database design and application development for Ingress Relation DataBase Management System (RDBMS).

### **Oil & Fats (since December 1982 to Nov 1986)**

- Analysis of various oil seeds, cakes, de-oiled meal, extracted and refined oils, water and coal. Purity Analysis of various chemicals used in Solvent Extraction Plants. Oil Refinery & De-Mineralisation Plant, Water and Coal Analysis, Maintenance of proper storage conditions for raw materials and finished goods. Supervision of Solvent Extraction Plant, Oil Refinery, Floor Mills, Warehouse, DM plant, Supervision of Production and

Quality Assurance, Examination of toxic substances in various meals, Preparation of various reports relation to Production and General Administration.

### **Pulp & Paper Technology**

➤ Worked as Trainee Chemist for about four months (June - Sept 1982) at Acme Paper Ltd., Sehore, MP.

### **Co-Curricular Activities :**

- Collaborated with the **Centre for Environmental Education (CEE)**, Ahmedabad, in the preparation of '**Water Monitoring Kit**' for the '**Ganga Project**' (Dec, 1987) under **Ganga Pollution Awareness Programme**. In this connection, I had conducted eleven on-site Workshops (along Ganga) for Students and Teachers from all over Bihar.
- Conducted a 4-day Workshop on the '**Separation Techniques in Chemistry**' for the students of middle school at the **Vikram A. Sarabhai Community Science Centre (VASCSC)**, Ahmedabad (Apr 20-23, 1988). Also conducted an '**Activities Workshop**' for high school students on the '**Physical & Chemical Analysis of Soil**', at the **VASCSC** (May 24-28, 1988).
- Offered expertise for a project on '**Awareness in Scientific Research & Publication**' for Teachers and Students of Gujarat for '**Water and Soil**'; jointly conducted by '**Panchmahal Prakrutik Mandal Trust**' (Ahmedabad) and now with Science Centre (Gwalior), Madhya Pradesh, with **NCSTC- Network Delhi** for the '**National Children Science Congress**' (December, 1993, 1994 & 1995, 2003, 2010 to continue).
- Development of **Eco- Eureka Kit with Activity Guide**, which help to understand Nature in play-way method, developed by **Science Centre (Gwalior), Madhya Pradesh (project of NCSTC, DST, GOI) (2019-2021)**
- Development of Activity Guide & Software for implementation of **Year of Awareness on Science and Health 2020-21, YASH**, project of National Council for Science and Technology Communication, (DST, GOI)
- Engaged with many **Social and Non-Government Organizations (NGOs)** and involved in **Social Work**.

### **Awards**

- **Pushpanjali Education Trust, Adipur Kutch, Gujarat** in 1995.
- **Panchmahal Prakrutik Mandal and Manthan Educational Trust**. Ahmedabad In 1995.
- **Green Thinker Award** by Sarvhit Kalyan Sewa Samiti, Meerut, UP in **August 2018**
- **Silver Medal** in exhibition on soil, in India International Innovation and Invention Expo held at Goa, from 15-19 November' 2022, organized by Goa State Innovation Council, Network of Organizations for Science and Technology Communication (NOSTC) and National Council for Science & Technology Communication NCSTC, Deptt. Of Science and Technology, Govt. of India
- **Vigyan Ratna award** given by Science Centre (Gwalior), Madhya Pradesh at Chattarpur, 19<sup>th</sup> December 2022

Dr Shekhar Sarbhai

Date :

Place: New Delhi