

## RESUME

**NAME:**

**Dr. VIJAY PAL SINGH**

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**CURRENT POSITION:** Professor of Science Education

& Head, Division of Educational Kits (Since 10<sup>th</sup> October 2019)  
NCERT, Sri Aurobindo Marg, New Delhi-110016.

**QUALIFICATIONS:** Ph.D. (Chemistry), from University of Rajasthan, Jaipur;

Ph. D. (Education), from IASE, Jamia Millia Islamia (a Central Univ.) Delhi;

MBA (HRM), from IGNOU, New Delhi;

Basic Course in Computer Application and Software Studies from IITTM, Delhi

**WORK EXPERIENCE:** 36+ years (including three and half years' foreign assignment and 13+ years in Educational Administration and Management):

❖ Teaching

- As a **Chemistry/Science Teacher** in Birla Hr. Sec. School, Pilani (Rajasthan), Directorate of Education, Delhi and Kendriya Vidyalaya Sangathan; (**July 1984- May 1993**)
- As **Lecturer Sci. Edu** and **Sr. Lecturer, CMDE, DIET (SCERT) Delhi, (May 1993 –May 2013)\*** including \***Lecturer in Chemistry**, College of Education, Ministry of Education, Republic of Botswana (**25<sup>th</sup> February 2000 – 15<sup>th</sup> August 2003**)
- **Professor of Science Education (Since May 2013)**

• Educational Administration and Programme Management:

- **Program Manager, Sarva Shiksha Abhiyan (SSA), UEE Mission, Deptt. of Edu., Govt. of Delhi, (June 2005 –March 2007)**
- **Additional State Project Director, SSA Delhi (June 2007 –March 2008)**
- **State Project Director, SSA/RMSA Delhi (March 2008-May 2010)**
- **Principal, DIET(SCERT) Delhi (May 2010 to Dec.2011)**
- **Special State Project Director, SSA/RMSA Delhi (Dec.2011-May 2013);**
- **Chief Warden of the Institute, RIE Ajmer (from August 2013 to July2018)**
- **Head, Department of Extension Education, (April 2016-June2019)**
- **Head, Division of Educational Kits, NCERT, New Delhi (Since Oct. 2019 till date)**

**INTERNATIONAL EXPERIENCE/EXPOSURE (3 ½ Years)**

- **As Lecturer in Chemistry**, College of Education (Univ. of Botswana), Republic of Botswana.
- Presented Research Papers in international conferences in the countries including **Poland, Australia** (3 papers in World Chemistry Congress 2001), **Tanzania, Malaysia, Botswana, South Africa.**
- **Initiated** a Pilot Project entitled "SCIENCE FOR ALL" for NFE Centers (Ministry of Education) **Botswana,**

**IN-SERVICE TRAINING AND OTHER PROGRAMMES:** As coordinator/Course Director of several (70+) In-service Teachers Training programmes (1994-Till date)

- **As Course Director** of 10 days Trg. Programme on Res. Methodology supported by ICSSR (**Dec.13-22, 2018**)
- **As Resource person** in several In-service Programmes organized by SCERT Delhi/RIE Ajmer/NVS etc.
- **As Resource person and Evaluator** in National Children Science Congress and National Science Teachers' Congress (Biannual Event), organized by NCSTC Network, DST, Govt. of India (**Since 2004**)

## **RESEARCH WORK/PAPERS: a) Research Papers/Articles: 77**

- **31** papers in Journals of National/International repute (Published from USA (3), UK (5), Germany (1), Belgium(1) and India (21))
  - **46** papers presented in Seminars/conferences including National (29) and International (17) including Poland (1), Australia (3), Malaysia (1), Botswana (8), Tanzania (1) India (3)
  - Chaired Technical Sessions in **9 Seminars/Conferences** (5 National and 4 International)
- b) **Research Projects/Studies Completed=21; Guided/Supervised=16**
- c) **As organizing Secretary of 4 State Level, 1 Regional, 4 National level Research Seminars/Conferences**

## **MATERIAL DEVELOPMENT:**

- Contributed and edited the Annual Work Plan & Budget and Annual Reports of SSA UEE Mission, Dept. of Education Delhi 2005-2012.
- Contributed as an Author of lessons on Chemistry Text Materials/Modules, Activities for Booklets published by NIOS and CBSE Delhi.
- Developed several Low-cost/ No- Cost Teaching Aids and activities on science concepts.
- Contributed in the development of Training Packages/Reports for In-service Teachers, Heads of Schools and Key Resource persons, Developed by SCERT Delhi, RIE Ajmer and NCERT.

**MEDIA INTERFACE: Television-** Participated in the 'Evening Live Show' of DOORDARSHAN on January 31, 2008, Feb. 17, 2009, Sept. 23, 2009, April 1, 2010, on DD National; **Aamne Saamne and CAMPUS programme** of DD News Channel **All India Radio-** Jan. 2008, June 2009, Nov. 2009, April 2010, Jan. 2012, Sept. 2012 on SSA Interventions in Delhi Schools

## **ASSOCIATION WITH INNOVATIVE PROJECTS/ WORK UNDER SSA**

As In-Charge of SSA in Delhi, I have been associated with the following initiatives in Delhi Schools;

- Setting up of **Multimedia Classrooms/ CAL Labs** in all Govt. schools
- Implementation of **YUVA-School Life skills Programme Delhi**, as Member of Administrative group
- In-house development of **Multimedia (CAL) Content (Animation Based)** for Classes VI-X)
- In house development and **implementation of e-governance modules,**
- **KJSS Project-ICT** based Learning stations in collaboration with HIWEL and IL&FS
- Implementation of **Building as Learning Aid (BaLA)** in all Government Schools.

## **MEMBERSHIP OF PROFESSIONAL BODIES: Membership** of the following Professional bodies;

- Life member of Indian Science Congress Association (ISCA), Kolkata (L7873, India);
- Life member of Indian Association of Teacher Educators (IATE) (V100), India;
- Life member of All India Association of Educational Researchers (AIAER) (3537), India;
- Life member of The Learning Community'- an Association of Teacher Educators, India.
- Life member of Association of Chemistry Teachers (ACT), (1195), Vice President (ACT-Central Zone ) C/o Homi Bhabha Center for Science Education, Mumbai, India.
- Member of the Association of Hands-on Science Network, **Portugal** (163)
- Membership of Teaching and Education Research Association (TERA):Eurasia Research (TERA M191995)

## **AWARDS/HONOURS:**

- **Dr. S. Radhakrishnan Memorial Award, (2008)** by Delhi Shiksha Avom Khel Vikas Sangh
- **Shikshavid Samman, (2009)**, Vichakshan Jan Kalyan Avom Margdarshak Society, Delhi
- **Award of Excellence in Field Services, (2013)** by CIE Alumni Association, Delhi University.