

## Curriculum Vitae

**V.L. CHOPRA**

**Name** *Virender Lal Chopra*

**Address** President  
National Academy of Agricultural Sciences  
NASC Complex, DPS Marg  
Post Box No. 11325, Pusa Campus  
New Delhi 110012, India

**Telephone No.** 91-011-5826051-53 (Office)  
91-011-5553747 (Res.)

**Fax** 91-011-5826054

**Email** vlc@ndf.vsnl.net.in; naas@vsnl.com

**Date of Birth** August 09, 1936

**Nationality** Indian

**Marital status** Single

**Fields of expertise** Research Management  
Tropical Agriculture (all aspects);  
Plant Breeding; Plant Biotechnology

**Development competencies** Project design/Evaluation

**Language** English  
Hindi  
Urdu  
  
Punjabi (spoken)

### EDUCATION:

<i>Name of Institute</i>	<i>Year attended</i>	<i>Degree</i>	<i>Main subjects</i>
Institute of Genetics, University of Edinburgh, Edinburgh (UK)	1964-1967	Ph.D.	Genetics
Indian Agricultural Research Institute, New Delhi	1955-1957	Associateship	Genetics
Central College of Agriculture New Delhi, Delhi University	1952-1955	B.Sc. (Hons)	Agri. Sci.

## **WORK EXPERIENCE :**

- 2001-1994            B.P. Pal National Professor  
Area of Work : Plant Biotechnology
- 1994-1992            Secretary to Govt. of India (DARE) and Director General,  
ICAR  
Area of Work : Research Management & Administration Planning and  
Implementing Agricultural Research and Education at National  
Level
- 1990-1985            Professor of Eminence & Director  
National Research Centre on Plant Biotechnology  
Area of Work : Research in the Areas of Genetics; Plant Biotechnology; Crop  
Improvement
- 1985-1980            Professor of Genetics, IARI, New Delhi  
Area of Work : Education Management; Research on Genetics of host-  
pathogen interaction
- 1979-80              Head, Division of Genetics, IARI  
Area of Work : Research, Planning and Management;  
Genetic & Biotechnology Research

## **INTERNATIONAL EXPERIENCE WITH FAO, IFAD AND CGIAR :**

- ◆ Chief Technical Advisor for the FAO project in Vietnam for 15 months; was responsible for establishing the Institute of Agricultural Genetics at Hanoi. The assignment involved developing a research programme; identifying, ordering and commissioning of equipments; implementation of training programme for the national scientists; programme monitoring, evaluation and reporting.
- ◆ Worked as consultant/resource person with IFAD for a workshop which resulted in recommendations and action plan for involvement of NARS in setting priorities for international agricultural research by the CGIAR
- ◆ Served Consultative Group on International Agricultural Research (CGIAR) in various capacities including:
  - ◇ Member, Oversight Committee
  - ◇ Member, Board of Trustees of IBPGR for two terms; part of one term as Vice-Chair
  - ◇ Member, Board of Trustees of IRRI for two terms
  - ◇ Member, Board of Trustees of CIMMYT for two terms; part of one term as Vice-Chair
  - ◇ Member, Board of Trustees of ICRISAT for two terms; part of one term as Vice-Chair
  - ◇ Panel Member CGIAR System wide Genetic Resources Review

- ✧ Panel Member on CCER of Wheat Genetic resources of CIMMYT
- ✧ Panel Member of CCER on Programme and Management of WARDA
- ✧ Regional Representative (Asia) to the CGIAR.

## **PUBLICATIONS :**

- I. Publications in refereed Journals : More than 150 research papers in refereed research Journals of repute
- II. Edited Books on Genetics, Plant Breeding and Biotechnology
  - ◆ Breeding Field Crops. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. p. 58, 2001
  - ◆ Plant Breeding: Theory and Practice. Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi. p. 490, 2002
  - ◆ Applied Plant Biotechnology, Science Publishers Inc., Enfield, New Hampshire 03748 USA, p. 384, 1998.
  - ◆ Crop Productivity and Sustainability – Shaping the future. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. p. 1111, 1998.
  - ◆ Oilseed and Vegetable Brassicas. Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi. p. 294, 1996.
  - ◆ Agricultural Biotechnology. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. p. 304, 1996.
  - ◆ Biotechnology for Asian Agriculture Public Policy Implications. Asia and Pacific Development Centre, Kuala Lumpur, Malaysia, p. 324, 1991.
  - ◆ Oilseed Brassicas in Indian Agriculture. Har-Anand Publications in association with Vikas Publishing House Pvt. Ltd., New Delhi, p. 315, 1991.
  - ◆ Genetics Engineering and Biotechnology : Concepts, Methods and Applications. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. 1990.
  - ◆ Plant Breed, Oxford IBH Publishing Co. Pvt. Ltd., New Delhi. p. 471, 1989.
  - ◆ Plant Breed. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. 2<sup>nd</sup> Edition. p. 487, 2000.
  - ◆ Biotechnology in Agriculture. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. p. 321, 1987.
  - ◆ Approach for Incorporating Drought and Salinity Resistance in Crop Plants. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. p. 132, 1986.
  - ◆ Conservation for Productive Agriculture, Indian Council of Agricultural Research, New Delhi. p. 172, 1986.
  - ◆ Genetic Manipulation for Crop Improvement. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. p. 326, 1985.

- ◆ Genetics : New Frontiers. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. (4-Volumes). Vol. I. P. 488. Vol. II P-316; Vol. III P-309 and Vol. IV. p. 308, 1984.
- ◆ Science in Agriculture. Associated Publishing Co., New Delhi, p. 365, 1980.

#### **HONOURS AND AWARDS :**

- ◆ Aryabhata Medal of the Indian National Science Academy 2002
- ◆ President, National Academy of Agricultural Sciences 2001
- ◆ Dr. B.P. Pal Award of National Academy of Agricultural Sciences 2001
- ◆ FAO/IAAS World Food Day Award 1993
- ◆ INSA Silver Jubilee Commemoration Medal 1991
- ◆ D.Sc. (hc) CS Azad University, Kanpur; 1988
- ◆ D.Sc. (hc) Banaras Hindu University, Varanasi 1988
- ◆ O.P. Bhasin Award 1987
- ◆ Honor Summus Medal, Watumull Foundation, USA 1987
- ◆ Federation of Indian Chambers of Commerce and Industries Award 1986
- ◆ **Padma Bhushan** 1985
- ◆ **Borlaug Award** 1983
- ◆ **President, International Genetics Federation** 1983-88
- ◆ **Member, Science Advisory Committee to the Prime Minister of India** 1986-1990

#### **RECOGNITION BY PROFESSIONAL ACADEMIES :**

##### Elected Fellow of:

- ◆ Third World Academy of Science, Trieste, Italy
- ◆ European Academy of Science, Arts & Humanities, Paris
- ◆ Indian National Science Academy, New Delhi
- ◆ Indian Academy of Sciences, Bangalore
- ◆ National Academy of Sciences, India, Allahabad
- ◆ National Academy of Agricultural Sciences, New Delhi

**POSITIONS IN NGOS :**

**Member Board of Trustees**

- ◆ M.S. Swaminathan Research Foundation, Chennai 1990 -
- ◆ Gujrat State Fertilizers and Chemicals Research Foundation 1996 -
- ◆ Tea Research Association 1998 -
- ◆ Centre for Advancement of Sustainable Agriculture 2000 -