

# Curriculum vitae of Dr. G.D. Sharma

**Director, Rajiv Gandhi Institute of Biotechnology,  
Bharati Vidyapeeth Deemed University, Pune**

Former Director, NBPGR, ICAR, Govt. of India, New Delhi

## Address

### (i) Official Address:

Director, Rajiv Gandhi Institute of IT and Biotechnology,  
Bharati Vidyapeeth Deemed University,  
Pune – 411043

### (ii) Residential Address:

306, H1, Rubi Manik Moti, Katraj Chowk,  
Pune-Mumbai Highway, Pune- 46

**Date of Birth** : 03.02.1944

**Nationality** : Indian by birth

**Sex** : Male

**Marital status** : Married

## Educational qualifications

Degree	Marks (%)	Division	Year	Major subject studied	University
B. Sc. (Ag.)	62.7	1 <sup>st</sup>	1966	Agriculture	Agra University
M. Sc. (Ag.)	78.0	1 <sup>st</sup>	1969	Plant breeding	PAU, Ludhiana
Ph.D. (Ag.)	72.0	1 <sup>st</sup>	1980	Plant breeding (Biometrics)	HAU, Hisar

## Professional experience

Employer	Designation	Nature of Duties	Period
BVDU, Pune	Director	Administration & management for teaching, research & other extension activities related to B.Sc., M.Sc. and PhD Biotech programs in RGITBT	May 2011 till date
Ananda Marga Gurukula, Anandanagar, West Bengal	Professor Emeritus (Honorary), Science of Yoga and Neohumanist Values	To spread the knowledge of yoga, meditation and neohumanist values among the students and society.	May, 2016 till date
BVDU, Pune	Professor, Agri-biotechnology	Research, teaching and production of banana and strawberry by tissue culture	Oct. 2006 to April 2011
NBPGR, New Delhi	Emeritus Scientist	Genetic diversity of <i>Jatropha</i> in central and western India	Sep. 2004 - Sep. 2006
CCS HAU Hisar	Professor	Wheat breeding research program in Haryana	May, 2003- Feb. 2004
NBPGR, New Delhi	Director	Administration, Research management and funds allocation for Biodiversity program in NBPGR, 10 research stations and other government & NGO in India	Apr. – Sept. 2000
NBPGR, New Delhi	Project Coordinator	National coordinator for research/front- line extension on under-utilized crops & research management/ coordination in India	May, 1997- May,2003
HAU, Hisar	HOD (M.A.U.U.P) Officiating Dean, COA, HAU.	Medicinal & aromatic plants and under-utilized crops -breeding and research management. Academic & administrative duties of COA.	1992-97
HAU, Hisar	Scientist In-charge /Associate Professor	Medicinal & aromatic plants and under-utilized crops -breeding and research management	1983-91
HAU, Hisar	Assistant Breeder	Medicinal & aromatic plants breeding	1980-83

UPSAIC, Lucknow	Manager & Research Scholar	Overall Management of State Agricultural & Industrial Corporation	1973-80
HAU, Hisar	Research Assistant	Forage sorghum breeding	1969-73

## Major contributions

### 1. Research

- ❖ Pioneering research work carried out on breeding of medicinal, aromatic and under-utilized plants (1980-1997) and developed 6 varieties of these crops (List attached).
- ❖ Coordinated research on under-utilized crops at the national level (1997 - 2003). During this period, 7 varieties of under-utilized crops were released, 7 varieties of *Sesbania* & *Cratalaria* identified and 18 recommendations made for standardization of cultivation of these semi- domesticated crops.
- ❖ Coordinated Jai Vigyan National Science and Technology Mission on Household Food & Nutritional Security (2000-2003), which led to identification of location-specific cultivars of 13 life support crops.
- ❖ Presently engaged in research and production of quality, high yielding planting material of banana and strawberry through tissue culture. Also teaching plant breeding to PG students of biotechnology, Rajiv Gandhi Institute of IT and BT, BVU, Pune.

### 2. A) No. of plant varieties/patents= 20

<b>B) Publications</b>	<b>170</b>
Research papers	115
Popular articles	41
Edited books	5
Technical bulletins	6
Book chapters	3

### 3. Teaching/Training

- Courses taught: Post-Graduate course PB 602: Breeding on medicinal, aromatic and under-utilized plants (1984 – 1996)
- Guided 11 M.Sc. and Ph.D. students for medicinal/aromatic plants breeding, HAU, Hisar.

### 4. Extension

- ❖ Popularization of non-conventional crops viz., *Mullathi*, *Isabgol*, *Periwinkle*, *Rosha-grass*, *Faba-bean*, *Rice-bean* and *Amaranth* through popularization avenues.
- ❖ Ten radio and TV-talks delivered on cultivation of medicinal, aromatic and

under-utilized plants.

### 5. **Other job experience**

- ❖ **Member**, Departmental Committee, Plant Breeding Dept., HAU, Hisar (1984-87)
- ❖ **Chairman**, Drafting Committee for document for ICAR's Best Institute Award in NBPGR for 1997
- ❖ **Chairman**, Foreign Assignment Committee (FAC), NBPGR, New Delhi.
- ❖ **Chairman**, Selection Committee, NBPGR (5 times).
- ❖ **Member**, OPC at NBPGR, New Delhi (5 times).
- ❖ **Member**, Selection Committee for scientists at MPKV, Rahuri
- ❖ **Member**, Germplasm Advisory Committee on under-utilized crops
- ❖ **Established** herbal garden, HAU, Hisar
- ❖ **Established** Biodiversity garden, NBPGR, New Delhi

### 6. **Honors and awards**

<b>Award / honor</b>	<b>Awarding institute</b>	<b>Year</b>	<b>Theme</b>
Mission Leader	ICAR	2000	National project on house hold food and nutritional security in tribal, backward and hilly areas of India.
Mission Leader	ICAR	2000	Jai Vigyan National science and technology mission on conservation of plant agro-biodiversity (2000)
Mission Leader	ICAR	2000	Team of excellence for HRD on PGR (NATP) (2000)
Mission Leader	ICAR	2000	Containment facility for quarantine of transgenic plants (2000)
Member	ICAR	1997-2003	Varaital identification Committee, AICRP, UC, New Delhi
Certificate of Honor	HAUTA	1992	Developing Haryana mullathi NO.1 variety of <i>Liquorice</i>
Certificate of Appreciation	Directorate of Extension, HAU, Hisar	1995	Excellent communication with farmers on medicinal, aromatic and under-utilized, under-exploited crops
Certificate of Honor	CCS HAU, Hisar	2000	Developing 'Prabhat' variety of Periwinkle

## 7. Administrative experience in research/scientific management

- ❖ Head (Medicinal and Aromatic Plants and Underutilized Crops), CCS HAU, Hisar, Haryana (1983 - 1997)
- ❖ Project Coordinator (All India Coordinated Research Project on Underutilized Crops), NBPGR (ICAR), New Delhi (May 1997 - May 2003)
- ❖ Director, National Bureau of Plant Genetic Resources, New Delhi (April 2000 - September 2000)

## 8. Other special assignments

Employer	Mission designation	Duties	Duration
ICAR, New Delhi	<b>Coordinating PI</b> , Jai Vigyan National Science & Technology Mission on Household Food & Nutritional Security	Research coordination	Jan.2000 – May. 2003
ICAR, New Delhi	<b>Coordinating PI</b> , Network project on tribal area crops of MP, AP and Orissa	Research coordination	Aug.- 1999 - May, 2003
ICAR, New Delhi	<b>Coordinating PI</b> , Network project on genetic evaluation & improvement of <i>Sesbania</i> & <i>Crotalaria</i> for green manure	Research coordination	May, 2000– May, 2003
NBPGR, New Delhi	CCPI, National agricultural technology project, Plant biodiversity	Research coordination	Jul. 1999 – May, 2003
CCS HAU, Hisar	PI, Scheme on medicinal & aromatic plants	Research work	1980 -1997
CCS HAU, Hisar	PI, Scheme on under-utilized crops	Research work	1982 -1997
CCS HAU, Hisar	PI, Scheme on <i>Plantago ovata</i> (Isbagol)	Research Work	1983 -1988
CCS HAU, Hisar	PI, Scheme on establishment of herbal garden	Research Work	1992 – 1997

## 9. Institutional building activity through facilities creation

- ❖ Established medicinal, aromatic and under-utilized plants section in Department of Plant Breeding, CCS HAU, Hisar
- ❖ Strengthened all India coordinated research project on under-utilized crops
- ❖ Prepared EFC of AICRP under-utilized crops for IX Plan and X Plan
- ❖ Organized 3rd QRT of AICRP on under-utilized crops
- ❖ Organized Silver Jubilee celebration at NBPGR, New Delhi
- ❖ Production of quality banana planting material through tissue culture at Rajiv Gandhi Institute, Bharati Vidyapeeth Deemed University, Pune

## 10. Symposia/ seminars/ summer/ winter institutes / refresher courses /trainings organized as organizer/course director

- ❖ Course Director, Bio-safety evaluation of transgenic plants, NBPGR, New Delhi
- ❖ Convener, Processing and value addition of millets and pseudo-cereals, CFTRI, Mysore

## 11. Workshop/group meeting organized

Nos.

AICRP on under-utilized crops	7
Jai Vigyan National Science and Technology Mission on Household Food and Nutritional Security at NBPGR, New Delhi	3
Network Project on tribal area crops of MP, AP and Orissa at NBPGR, New Delhi	4
Network Project on genetic evaluation and improvement of <i>Sesbania</i> and <i>Cratalaria</i> for green manuring at NBPGR, New Delhi	3

Communication

Telephone : 09860072334

E-mail : [ghanshyamvarsha\\_2006@yahoo.co.in](mailto:ghanshyamvarsha_2006@yahoo.co.in)  
[rgitbtprincipal@gmail.com](mailto:rgitbtprincipal@gmail.com)

Present address : Rajiv Gandhi Institute of IT and BT, BVU,  
Pune – 411046

Permanent address : 306, Rubi H1, Manik-Moti Complex,  
Pune- Satara High Way  
Katraj, Pune-4110 46

G.D Sharma