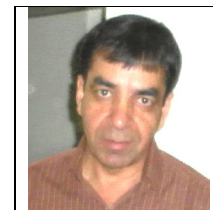


Ashok K. Dhawan



1. Name: Ashok K. Dhawan **Designation:** Dean (Academic)
E-mail: dhawanashok@hotmail.com **Phone:** 09354760523
Area (s) of specialization: Plant Tissue and Cell Culture; Biotechnology
Contact Details: Dr. A. K. Dhawan, House 909, Sector 9, Karnal-132001, Haryana

2. Academic Qualifications (Master's and Ph.D. degree only):

M.Sc. 1974 Birla Institute of Technology & Science, Pilani, GPA 7.93/10.00, First Division, Thesis graded as "Excellent"
Ph.D. 1977 Panjab Agricultural University, Ludhiana, India GPA 3.79/4.00, First Division

3. Employment/ Fellowships/ Visits abroad Abroad:

University of California, Davis, USA	Visiting Researcher	1997-99; 2002
Swedish University of Agricultural Sciences, Upsala, Sweden	Visiting Scientist	1985
Australian National University, Canberra, Australia	ANU Scholar	1977-79
University of Saskatchewan, Saskatoon, Canada	Invited Faculty	2009

4. Employment/ Fellowships in India:

NIFTEM, Ministry of Food Processing, Govt. of India	Dean (Academic)	2012-todate
Central University of Punjab, Bathinda	Professor	2012
DST, Govt of Haryana, Centre for Plant Biotech., Hisar	Director (Technical)	2006-11
Haryana Agric. Univ., RRS, Karnal	Professor	1994-06; 2011-12
Haryana Agricul. Univ., RRS, Karnal	Assoc. Prof	1986-94
Haryana Agricultural University, Hisar	Assist Prof	1980-86
Haryana Agricultural University, Hisar	Pool Officer CSIR	1979-80
Panjab University, Chandigarh	Research Fellow	1974-75

5. Publications:

A total of 139 publications including 58 research papers in top Journals with high impact factor; five edited books; 20 chapters in books/ proceedings and 10 papers in foreign conferences.

6. Research grants from National/International Agencies:

Obtained eighteen research grants worth Rs 6.60 crores from national agencies (ICAR, DBT, DST, NOVOD): eight (Rs. 2.32 crores) as Principal Investigator and nine (Rs. 4.28 crores) as co-investigator.

7. Awards/ Honours/ Office-bearer in Nation International Bodies/Commendations

National Awards:

- **Noel Deerr Award**, STAI, Delhi conferred by president **A. P. J. Abdul Kalam**, 2009
- **Distinguished Scientist Award** from Society for Promotion of Plant Science Research, Jaipur, 2009
- **J. J Chinoy Award** from Indian Society for Plant Physiology, New Delhi, 2008
- **Y. S. Murthi Memorial Lecture Award** from Indian Botanical Society, New Delhi, 2007
- **K. K. Nanda Memorial Lecture Award**, Indian Society Plant Physiology, Delhi, 2006

Honours/ Office-bearer in Nation Bodies/Commendations

- Elected as **Vice-President**, Indian Society for Plant Physiology, New Delhi, 2008
- Elected as **Editor**, Indian Journal for Plant Physiology, New Delhi, 2009
- **Secretary**, K.K. Nanda Foundation, Delhi 2006-10.
- **Panelist and Lead Speaker**, World Biotechnology Congress, Chicago, Illinois, USA, 2008
- **Member, International Advisory Committee**, International Foundation for Sustainable Development in Africa and Asia (IFSDDA), Germany, 2009
- **Fellow**, Sugar Technologists Association of India, New Delhi, 2003
- **UGC Visiting Fellow**, Kurukshetra University, Kurukshetra 2004

- **Certificate of Appreciation** for outstanding contributions, Univ of California, Davis, USA, 1998
- **Commendation certificate** by Teachers Association, CCSHAU, Hisar, 1996
- **Roll of honour** by Haryana Agricultural University 2003
- **Letter of appreciation** from Vice-chancellor CCS HAU, Hisar for period 1997-2002
- **Member, Scientific Advisory Committee** on Biofuels, DBT, Govt of India, New Delhi 2007
- **Principal Investigator**, National Biofuels Mission and National Bamboo Mission, DBT, GOI, 2006-10

8. Teaching Experience:

- *Courses Taught:* Over 30 years of experience of teaching undergraduate and post graduate courses at HAU Hisar, Central University of Punjab, Bathinda and NIFTEM, Kundli
- *Supervised 36 post-graduate students:* M.Sc./ M. Phil./ Ph.D.; Research Fellows/ Research Associates
- *Examiner for Ph.D. Thesis in 7 universities:* Delhi University, Panjab University, Kurukshetra University, Pantnagar University, Meerut University, Bhopal University, HNB University Srinagar Garwal
- *Member Board of Studies in 3 universities:* Kurukshetra University, Bhopal University, H.N. Bahuguna University Srinagar, Garhwal

9. International Experience:

- Worked at University of California Davis, USA as Visiting Fellow for nearly two years, at Australian National University, Canberra as ANU Scholar for two years and at Swedish University of Agricultural Sciences as Visiting Scientist for two months.
- Ten papers at international conferences: Oral presentations twice in Australia and five times in U.S.A.
- Panelist and Lead speaker, World Biotechnology Congress, Chicago, Illinois, USA, 2008.
- Invited to deliver Seminar lectures, University of Saskatoon, Saskatchewan, Canada 2009
- Max Rubner-Institut (MRI), Detmold Germany, Wageningen University Research visit, 2013

10. Experience of Administration:

- **Dean (Academic):** NIFTEM, Kundli since November 2102.
- **Director**, Centre for Plant Biotechnology, Hisar five years 2006-11
- **Director**, Patent Information Centre Haryana, Hisar for five years 2006-11.
- **Professor-in-Charge**, Plant Biotechnology Lab, 1997 to 2006

11. Organization of Seminars/Symposium/Trainings/Workshops:

- Organizing Secretary, National Seminar on Sucrose Recovery in Sugarcane, RRS, Karnal 1997.
- Secretary, AICRP Workshop on sugarcane, RRS, Karnal, 1999
- Secretary, 46th AICRIP Maize Workshop, RRS, Karnal 2003.
- Member, core organizing committee, Internl conference on sustainable crop production, Jabalpur, 2005
- Chairman Organizing Committee, "Indian Soc. for Plant Physiology, Zonal Seminar", CPB, Hisar, 2009
- Organizing Secretary national Seminar on "Physiological and Biotechnological approaches to improve plant productivity", CPB, Hisar, 2008.
- Chairman Organizing Committee, Seminar on "Biotechnology and IPR Issues", CPB, Hisar, 2010
- Member, International Advisory Committee, 3rd IFSDAA International Seminar, Hungary, 2009
- Organized 15 trainings: 12 for students, 2 for teachers, 1 for Horticulture officer: CPB Hisar 2006-10.
- Organized six Patent Awareness Workshops at NDRI, KU, Ambala, HAU, Bawal and Murthal, 2006-10
- Organizing Secretary, Conference on "Vision 2020: Sugarcane", CCS HAU RRS, Karnal, 2011

12. Membership/office-bearer of Professional Bodies:

- Life Member, Indian Science Congress Association, Kolkata
- Life Member, Indian Society for Plant Physiology, New Delhi
- Life Member, K.K. Nanda Foundation for Advancement of Plant Sciences, Delhi
- Member, American Society for Plant Biology, U.S.A.
- Life Member, Sugar Technologists Association of India, New Delhi

13. Research Projects from National Agencies:

Obtained seventeen research grants worth Rs 6.60 crores from national agencies: eight (Rs. 2.32 crores) as Principal Investigator and ten (Rs. 4.28 crores) as co-investigator. Details as below:

Sponsored Projects with grants above Rs. 30 lacs					
Sr. No.	PI/COP I	Title	Year	Amount (Lacs)	Funding Agency
1	P. I.	Production and Demonstration of High Quality Planting Material of <i>Jatropha curcus</i>	2006-10	107.00 lacs	DBT, New Delhi
2	P. I.	In vitro multiplication and demonstration of high quality Bamboo for Planting in Haryana	2006-10	71.05 lacs	DBT, New Delhi
3	Co P.I.	Genetic Diversity analysis of seabuckthorn (<i>Hippophae rhamnoides</i> L.) using AFLP markers	2009-12	75.07 lacs	DBT, New Delhi
4	Co-PI	DNA Finger printing and diagnostic centre	2010-15	2.33 crores	DST Haryana

Sponsored Projects with grants of Rs. 5 to 30 lacs					
5	P. I.	Developing frost tolerant lines in <i>Brassica</i>	1996-99	9.05 lacs	ICAR, Delhi
6	P. I.	Micropropagation of sugarcane Through tissue culture	1997-98	10.00 lacs	Agricl Dept, Haryana
7	P. I.	Micro-propagation of potential tree borne oil plants-protocoldevelopment for multiplication	2004-07	7.50 lacs	NOVOD Board Gurgaon
8	P.I.	Screening <i>Jatropha</i> germplasm under experimental and field conditions for survival and high oil yield in frost prone areas	2008-11	9.76 lacs	NOVOD Board Gurgaon
9	P.I.	Patent Information Centre	2006-11	15.00 lacs	DST, Delhi
10	Co P. I.	N and P efficient genotypes in sugarcane: identification, characterization and use as basic breeding material	1997-01	6.68 lacs	ICAR, New Delhi
11	Co P. I.	Identification of morpho-physiological and genetic factors in drought tolerance in maize	1998-01	10.00 lacs	ICAR, New Delhi
12	Co P. I.	Molecular characterization of isoproturon susceptible and resistant biotypes of <i>Phalaris</i>	2004-07	14.50 lacs	ICAR, New Delhi
13	Co P.I.	Multilocational trials of <i>Jatropha curcas</i> : testing of elite germplasm at Hisar	2008-11	23.83 lacs	DBT, New Delhi
14	Co P.I.	Molecular characterization and multiplication of elite germplasm of <i>Commiphora wightii</i> - an endangered oleo gum resin species heading towards extinction.	2008-11	25.04 lacs	DBT, New Delhi
15	Co P.I.	Conservation and resource maintenance of <i>Jatropha</i> germplasm	2010-13	34.13 lacs	DBT, New Delhi

Sponsored Projects with grants upto Rs. 5 lacs					
16	P. I.	Management of frost injury in oilseed Brassica	1991-94	2.78 lacs	ICAR, Delhi
17	Co P. I.	Sucrose synthesis, transport & storage in sugarcane	1995-98	2.88 lacs	ICAR, Delhi
18	Co P. I.	Breeding cold tolerant maize for winter cultivation	1991-92	2.95 lacs	ICAR, New Delhi