

RESUME

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Academic Background

Examination	Year of passing	Board/University
Ph.D.	1998	CCS Haryana Agricultural University, Hisar
NET	1998 & 1999	ASRB, New Delhi
M.Sc.	1993	K. U. Kurukshetra
B. ed.	1994	K. U. Kurukshetra
B.Sc.	1991	K. U. Kurukshetra
Matriculation	1986	B. S. E. H. , Bhiwani

Professional Background

Position	Mode	Institution served	Period
Professor	Regular	Maharshi Dayanand University, Rohtak	2015-continue
Associate Professor	Regular	Maharshi Dayanand University, Rohtak	2012- 2015
Head of the dept.	Regular	Maharshi Dayanand University, Rohtak	2012 - 2014
Reader	Regular	Maharshi Dayanand University, Rohtak	2009 – 2012
Lecturer	Regular	Govt. Colleges in Haryana (Adampur & Hisar)	2004 - 2009
Research Associate	Adhoc	CCS Haryana Agricultural University, Hisar	1998 - 2004

- **Title of Ph.D. Thesis:** *In Vitro* Culture and Alkaloid Production in *Rauwolfia serpentina* Benth Ex. Kurz and *Catharanthus roseus* (L.) G. Don
- **Field of specialization:** Plant Biotechnology and Molecular Biology

Trainings/Courses Attended

Training/Course	Place	Period
Refresher Course	Recent Advances in Educational Technology, AAREM, Directorate of Human Resource Management, CCSHAU, Hisar	December 1, 2011 to Dec.21, 2011
Course	Statistical Methods and Data Analysis, Conducted by AAREM, Directorate of Human Resource Management in collaboration with the Department of Mathematics and Statistics, CCSHAU, Hisar	June 21, 2011 to June 30, 2011.
Training	Content Development for EDUSAT Programme in Haryana- Setup of working group in various Subjects of Life Sciences at Hisar organized by Govt. of Haryana	March 23, 2009 to March 25, 2009
Training	Plant Tissue Culture: Opportunities and Challenges Centre for Plant Biotechnology, Govt. of Haryana, CCS Haryana Agricultural University, Hisar	Sept.9 , 2008 to Sept.10, 2008
Orientation Course	K.U. Kurukshetra	Feb14, 2006 to March13, 2006
Summer Workshop	Tools and Techniques of Plant Diversity Assessment, Conservation and Inventorisation , CIMAP, Lucknow	June 18 to July 7, 2000
Computer Training	MS Office and Computer Application for Agricultural Scientists, in AAREM, CCS Haryana Agricultural University, Hisar	Sept 1, 1999 - Sept. 28, 1999

Research Experience

- Production and quantification of secondary metabolites in medicinal plants through tissue culture
- Anther culture for production of haploids in wheat
- Tissue culture studied on mature and immature embryos of wheat
- Isolated & biochemically characterized the heat shock mutants of *Rhizobium*
- Karnal bunt studies via tissue culture
- Transformation studies on cotton
- Synthesis and characterization of green and chemically synthesized nanoparticles
- Identification of salinity tolerant genotypes through molecular techniques

Invited/extension lectures delivered

- EDUSAT LECTURES
 - Recombinant DNA Technology-Feb.20, 2008.
 - Carrier Molecules/Vectors Feb.22, 2008.
 - Gene Cloning and Gene Transfer Techniques Feb.27, 2008.

- Recombinant DNA Technology, Nov.27, 2008
- 5. Gene Cloning- I Nov.28, 2008
- 6. Gene Cloning-II Dec.5.2008
- **INVITED LECTURES**
- Lecture on Genetic Engineering-I in G.C. Hisar on 15.11.2010
- Lecture on Genetic Engineering-II in G.C. Hisar on 16.11.2010
- lecture on Tools and Technique of Recombinant DNA Technology at A.I.H.M Jat College Rohtak on 10.03.2014

Awards/Merit Fellowship

- Raman Post-Doctoral Fellowship for one year research by UGC, India at Texas, USA
- Co-ordinator of DST-FIST project awarded by DST, India
- Best poster award in 43rd Annual conference of Association of Microbiologists of India in 2002 at CCS HAU, Hisar
- Merit fellowship during M.Sc. & Ph. D.

Professional Activities

- Research papers in referred journals - **25**
- Review/book chapter- **9**
- Abstracts in conferences /symposia – **45**
- Newsletter- **1**
- Semi-technical bulletins- **4**
- Magazine- articles- **5**
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Committees

- **Member** UGBOS in Botany M.D. University, Rohtak, 2009- continue
- **Chairperson** UGBOS in Botany M.D. University, Rohtak, 2012 –2014
- **Member** PGBOS in Botany M.D. University, Rohtak, 2009 – present
- **Chairperson** PGBOS in Botany M.D. University, Rohtak, 2012 - 2014
- **Member** of Faculty of life Sciences, M.D. University, Rohtak 2009 – present
- **Member** of Academic Council, M.D. University, Rohtak 2012 –present

Students Advised

- **M.Sc. - 12**

Students under guidance

- **Ph. D. -5**

Extra-curricular activities

- Best debate award and player of Kho - Kho
- Attended two NSS camps
- Consolation prize in Science Exhibition during UG
- Best athlete in COBS &H, CCS HAU, Hisar during 1995.

