

CURRICULUM VITAE

❖ PERSONAL INFORMATION

Name Dr. Kanchan Kamra
Father Name Sh. Sohan Lal Makkar
Date of Birth 01 Aug 1976
Marital status Married
Address H. No. 641, B. No. 13, Multani Chowk, Kamra Niwas
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❖ OBJECTIVE

As an experienced teacher, I would like to devise captivating, fascinating and unique practices of teaching that creates interest in students. I am also able to contribute my knowledge & skill for the growth & development of the organization.

❖ ACADEMIC RECORD

Sr. No.	Name of Examination	University / Board	%age	Year of Passing
1	Ph.D	MDU, Rohtak Haryana		May, 2003
2	M.Sc	MDU Rohtak Haryana	68.3%	1998
3	B.Sc	MDU, Rohtak Haryana	62.2%	1996
4	B . ed . (Life Sciences)	MDU, Rohtak Haryana	71.7%	2012

❖ PROFESSIONAL EXPERIENCES

Teaching Experience:	Research Experience:
Worked as an Assistant Professor in Biotechnology on temporary basis in D.N. College, Hisar during 2006-07, 2010-20 . Completed 16 sessions .	Worked in project under Dr. Aamini Department of Biotechnology, AIIMS, New Delhi from Jan 2004 – Mar 2004.
Worked as part time lecturer in Botany from 25/08/98 to 25/11/98 in Adarsh Mahila Mahavidyalaya , Bhiwani (Haryana)	Four years research experience as PhD student under Dr. S.N. Mishra, Deptt. Of Biosciences, MDU, Rohtak and 6 months dissertation experience under Dr. C.S. Pundir.

Worked as science teacher in S.D. Jagdish Girls Sr. Sec. School, Bhiwani on temporary basis.	
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❖ **COMPUTER SKILLS**

MS-Office, Windows, MS DOS, Internet

❖ **FIELD OF SPECIALIZATION**

Plant Physiology and Molecular Biology

❖ **Title of PhD Thesis**

Role of polyamines in salt tolerance in oil crop *Brassica juncea* L

❖ **Title of M.Sc Thesis**

Determination of urinary oxalate from the leaves of *Bougainvillea glabra* under supervision of Dr. C.S. Pundir

❖ **PROFICIENT AT:**

Biochemical Analysis, Column chromatography, TLC, Isolation of proteins, SDS-PAGE, Western Blotting, gene cloning, Elisa.

❖ **Fellowship Awarded:**

- a) University research scholarship
- b) Project fellow in a project entitled "Putrescine induction of salt tolerance in oil crop *Brassica juncea*" under Dr. S.N. Mishra.

❖ **Seminars and Workshop attended:**

National seminar on Recent trends in Environment and Biotechnology held at Department of Biosciences, MD University, Rohtak	5th – 6th December, 2000
Workshop of Nucleic acid and Protein Sequence Analysis held at Himachal Pradesh University (Bioinformatics Centre), Shimla	28th -30th December, 2001
On Transgenic Rapeseed Mustard at India International Centre, Lodi Road, New Delhi	16th -17th January, 2002
Patent Awareness workshop attended: Department of Biosciences, MDU, Rohtak	21st December, 2002
Participation in International conference: Trends in Cellular and Molecular biology, held at JNU Campus, New Delhi	6th – 8th March, 2003
Participated in National Workshop on "Conceptual and Multidisciplinary view of Bioinformatics" organized at TITS, Bhiwani	30th April, 2011

❖ Publications

- a) Pundir CS and **Makkar K**. Quantification of urinary oxalate by oxalate oxidase from *Bougainvillea* leaf. *Analytica medica*, 6(1) 1998), 13-15.
- b) Singh DB, **Makkar K** and Mishra S.N. Effects of putrescine, ammonium nitrate and IIA in ameliorating metal and salinity induced stress in mustard seedlings *Indian J.Plant Physiol.*,5 (3), 257-263.
- c) S.N.Mishra and **Kanchan Makkar**. Review article. Polyamines in Plant growth and Development. *Advances in Plant Physiology Chapter 9, Vol 6, Sec IV.*
- d) S.N.Mishra, **Kanchan Makkar** & Rajam M.V. Salinity Stress mitigation in *B. juncea* by putrescine: a pleiotropic effect. *Indian Journal of Plant Physiology* 2009. Vol 14 No. 3 pp: 239-249.
- e) **Kanchan Makkar** and S.N.Mishra. Putrescine and Cadaverine response on mustard (*Brassica juncea*) in response to polyamines. Abstract (Sr.No.8) published on Transgenic Rapeseed Mustard Convention Report.

❖ Paper presented:

- a) “Salinity Stress” in National Seminar on “Environment Degradation : Issues & Remedies” held at D.N College, Hisar on **28.02.2012**.
- b) “Benefits of Yoga” in National Conference on Yoga and Diet for holistic health” held at D.N.College Hisar on **29-30 March 2013**.
- c) “Proteomics of NaCl stressed seedlings of Indian mustard (*Brassica juncea*) in response to polyamines published in **Second International Conference on Plants and Environmental Pollution on 6th September, 2001**
- d) Participated and Presented a paper in the National Conference on “Role of Arya Samaj in Education ’on ’**28th -29th March,2 014**
- d) Presented a paper entitled in National conference on “New frontiers in physics” held at D.N. College Hisar on **12-13 march2013**