

Curriculum Vitae



- 1 Name: Dr. Girish Raisinghani
- 2 Designation: Associate Professor
- 3 Department: Botany
- 4 Educational Qualification:

<i>Level</i>	<i>Name of University</i>	<i>Year</i>	<i>Title/ Remark/ Medal</i>
<i>P.G.</i>	MDS University, Ajmer	1989	Specialization in Plant Pathology
<i>M.Phil.</i>	-	-	-
<i>Ph.D.</i>	MDS University, Ajmer	1993	TITLE-Induced Mutagenesis in <u>Trigonella corniculata</u> L. and <u>Vigna mungo</u> L. with Gamma Rays and two Alkyating Agents.

5 Teaching / Research Experience:

<i>UG</i>	28 years	<i>PG</i>	18 years	<i>Research</i>	22 years
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6 Membership (Academic Bodies)

LIFE MEMBER OF :

- I. *INDIAN BOTANICAL SOCIETY*
- II. *ASSOCIATION OF MICROBIOLOGISTS OF INDIA*
- III. *THE INDIAN SCIENCE CONGRESS ASSOCIATION*

7 Academic Courses Attended:

<i>Course</i>	<i>Place</i>	<i>Sponsoring Agency</i>	<i>Duration</i>
<i>Orientation Course</i>	University of Rajasthan, Jaipur	U.G.C	30.03.99 -25.04.99

Refresher	Jai Narayan Vyas University, Jodhpur	U.G.C	09.09.96-28.09.96
Refresher	MDS University, Ajmer	U.G.C	02.12.02-22.12.02
Orientation Course for NSS Programme Officers	Training and Orientation Centre HCM, RIPA Jaipur	Centre for Management Studies HCM, RIPA Jaipur	21.07.03-30.07.03
Refresher	University of Rajasthan, Jaipur	U.G.C	19.07.04-07.08.04
Other(Workshop/ Summer School/ Camp etc.)			
1.Workshop on Computer Application in Higher Education	MDS University, Ajmer	–	17-22 Dec., 1990
2. Need Based Workshop on Botany, Zoology and Microbiology	MDS University, Ajmer	–	15-17Jan., 1998
3.Workshop on Item Framing and Question Papers for University and Public Examination	Dayanand College, Ajmer	UGC New Delhi	16-19 March, 1998
4.National Youth Camp	DAV College, Dehradun	Ford Foundation Sponsored Project	19-22 Feb., 2001
5.National CDI Camp on “Challenges of Human Rights in India”	Savitri Girls College, Ajmer	–	27-28 Sept., 2001
6.State level Administrative Reforms Workshop	Suchana Kendra, Ajmer	Ministry of Tourism and Culture	10-11 Feb., 2001
7.Workshop on “Environment Science Technology”	MDS University, Ajmer	Ministry of HRD	23-24 Aug., 2005
8.Personality Development Camp	Govt. College, Ajmer	Commissionerate College Education,	21-22 Jan., 2006

		Jaipur	
9.NSS workshop of Programme Officers	Govt. College, Ajmer	Commissionerate College Education, Jaipur	17-18 Feb., 2007
10.International Workshop on "Arthospira Mass Production in Rural Areas of Tropical Countries"	Govt. College, Ajmer	UNESCO and TWAS	22-26 Oct., 2007
11.National Workshop on "Opting of Sindhi subject in Civil Services"	Govt. College, Ajmer	Ministry of HRD	9 th Aug., 2011
12.Workshop on Intellectual Property Rights	SPC Govt. College, Ajmer	DST, Government of Rajasthan	17 th March, 2018

8 Seminar/ Conference attended

<i>Name of Seminar/ Conference</i>	<i>Internat./ National/ Regional</i>	<i>Attended/ Paper Presented</i>	<i>Title of Paper</i>	<i>Date</i>
1. National Conference on Environment and Eco Development of Pushkar Valley of Rajasthan. MDS University, Ajmer	National	Paper Presented	Gene Ecological Studies in Induced Mutants of <u>Trigonella corniculata</u> L.	24-26 Nov., 1997
2. 22 nd All India Botanical Conference of IBS. Mumbai	National	Paper Presented	Mutants of <u>Trigonella corniculata</u> L. induced by gamma rays and two alkylating agents	23-25 Oct., 1999
3. 41 st Annual Conference of AMI" Microbiotech 2000". Birla Scientific and Research Institute, Jaipur	National	Paper Presented	Characterization of <u>Rhizobium</u> isolated from gamma irradiated plants of <u>Vigna mungo</u> L.	25-27 Nov., 2000
4. National symposium on "A decade of Algal Research in India. Biotechnological	National	Paper Presented	Studies on effect of algalization on seed germination of <u>Vigna mungo</u> L.	March 2001

Approaches". University of Rajasthan, Jaipur				
5. 7 th International Phycological Congress. Thessaloniki, Greece	International	Only Abstract Published	Algal Wealth of Rajasthan[India] An Overview. In Phycologia Journal of International Phycological Society [Abstr.]	Aug., 2001
6. 24 th All India Botanical Conference of IBS. Osmania University, Hyderabad	National	Paper Presented	Antibiotic sensitivity of <u>Rhizobium</u> isolated from gamma irradiated mutant plants of <u>Vigna mungo</u> L.	19-21 Nov., 2001
7. National Symposium on Advances in Microbial and Industrial Biotechnology. Prospects and Problems University of Rajasthan, Jaipur	National	Attended	–	15-16 March 2002
8. National Seminar on "Women Empowerment : Status and Direction". MDS University, Ajmer	National	Attended	–	30-31 March 2002
9. An International meeting at the Sammlung Van Algenkulturen at Gottingen University [SAG], Germany	International	Only Abstract Published	Microalgae culture collection in India : Status and Prospect in the Current Millennium	2-6 th Sept., 2002
10. National Symposium of Biotechnology of Plant Tissue and Culture Association of India. HCM, RIPA, Jaipur	National	Attended	–	17-19 Feb 2003
11. 26 th All India Botanical Conference of IBS. Jamia Hamdard University, New Delhi	National	Paper Presented	In vitro nodulation studies in gamma irradiated mutant plants of <u>Trigonella corniculata</u> L.	29-31 Dec., 2003

12. 32 nd RGA National Conference. Govt. College, Ajmer	National	Attended	–	25-27 Oct., 2004
13. State Level Seminar on : National Security:New Dimensions, Challenges and Solutions. MDS University, Ajmer	State	Attended	–	March 2005
14. National Conference on Plant Physiology and Bio-chemistry. University of Rajasthan, Jaipur	National	Paper Presented	Retarded effect of GA3 on lethality of DMS and DES in seedlings of <u>Vigna mungo</u> L.	24-26 Feb., 2006
15. National Conference on Emerging Trends in Microbiology and Biotechnology. DTM College of Biosciences, Bikaner	National	Paper Presented	Mutations induced in <u>Trigonella corniculata</u> L. and variability in antibiotic sensitivity of the isolated <u>Rhizobium</u>	29-30 Jan., 2007
16. National Conference on Environment Impact Assessment. Govt. College, Ajmer	National	Paper Presented	Developing scientific knowledge using environment as a lab.	26-27 Feb., 2007
17. National Seminar on Women Self Help Group Govt. PG College, Kishangarh	National	Paper Presented	Role of Self Help Group in Women Empowerment	2-3 Oct., 2009
18. National Conference on Management and Accountability in Higher Education. Govt., College, Ajmer	National	Attended	–	8-9 Jan., 2011
19. National Seminar on Value based education in National context. Govt. PG College, Kishangarh	National	Attended	–	20-21 Oct., 2011

<p>20. National Conference on Current Status and Opportunities in Medicinal Plants of Thar Desert.</p> <p>Mahila PG College, Jodhpur</p>	National	Paper Presented	Folk medicinal plants of Nagaur district with commercial potential	17-18 Dec., 2011
<p>21. National Seminar on Promoting Innovation and Entrepreneurship.</p> <p>Savitri Girls College, Ajmer</p>	National	Paper Presented	Employment Development in India	25 th March 2012
<p>22. National Conference on Environmental Conservation and Management for Sustainable Era.</p> <p>SS Jain Subodh PG College, Jaipur</p>	National	Paper Presented	Role of Green Economy in India	20-22 Dec., 2012
<p>23. International Conference on Challenges for Industrial Survival and Growth in Indian and Global Perspective.</p> <p>Pacific University, Udaipur</p>	International	Paper Presented	Foreign Direct Investment in India	22-23 Feb., 2013
<p>24. National Seminar on Research Methodology in Natural Sciences.</p> <p>Pacific University, Udaipur</p>	National	Attended	–	10-11 Aug., 2013
<p>25. National Seminar on “Rural Development – Opportunities and Challenges”.</p> <p>SIBM, Udaipur</p>	National	Paper Presented	Management and Agro Food Products in India	6-7 Sept., 2013
<p>26. National Conference on Environmental Issues, Toxicology and Exposure Science.</p>	National	Attended	–	20-21 Sept., 2013

Agarwal PG College, Jaipur				
27.National Conference on Ecological Perspective of Rain Water harvesting and Ground water recharge Govt. College, Ajmer	National	Attended	-	3-4 Jan., 2014
28.Seminar on Scientific and Technical Terminology in Forestry Science SPC Govt. College, Ajmer	Regional	Attended	-	9-10 Sept., 2015
29.43rd RGA National Conference on Urban Growth :Environmental Challenges and Responsibilities with special reference to Rajasthan SPC Govt. College, Ajmer	National	Paper Presented	Adaptive Strategies for the Management of Water Resources	26-27 Oct., 2015
30.National Conference on “ Entrepreneurship, Global Economy and Sustainable Development for Developing Nations”. Dayanand College, Ajmer	National	Paper Presented	Role of Women Entrepreneurship in India	15-16 Jan., 2016
31. International Conference on Exploring Context of Tourism, Culture and Heritage in South Asia	International	Attended	-	27-28 Sept, 2018
32. National Conference on Environment :Issues , Challenges and Strategies	National	Attended	-	1-2 Oct, 2018

9 Research Publications

<i>Title of Paper</i>	<i>Name of Journal with Impact factor &ISSN No.</i>	<i>Volume and No. with Year</i>	<i>Citation Index</i>
1. Effect of diethyl sulphate and dimethyl sulphate on seed	Geobios New Reports	Vol.10	

germination and seedling growth of <u>Trigonella corniculata</u> L.		Pg 28-31 1991	
2. Gene ecological studies in induced mutants of <u>Vigna mungo</u> L.	Geobios New Reports	Vol.12 Pg 41-46 1993	
3. Mutants of <u>Vigna mungo</u> L. induced by gamma rays and two alkylating agents.	Journal of Cytology and Genetics	Vol.29(2) Pg 137-141 1994	
4. Diosgenin production in induced mutants of <u>Trigonella corniculata</u> L.	Fitoterapia, Italy	Vol.LXV 1994	
5. Biochemical analysis of seeds from induced mutants of <u>Trigonella corniculata</u> L.	Journal of Phytological Research	Vol.7(1) Pg 9-11 1994	
6. Typical behaviour of two induced chlorophyll mutants of <u>Trigonella corniculata</u> L.	Mutation Breeding Newsletter, Germany	June 1996	
7. Antibiotic sensitivity of <u>Rhizobium</u> isolated from gamma irradiated mutant plants of <u>Vigna mungo</u> L.	Journal of Phytological Research	Vol 17[1] Pg 109-110 2004	

10 Research Projects

<i>Title of the Project</i>	<i>Year</i>	<i>Name of funding agency</i>	<i>Fund available/ utilized</i>	<i>Present status</i>
1. Passage effect of <u>Rhizobium meliloti</u> isolated from mutagenized plants of <u>Trigonella corniculata</u> L.	2001	UGC	30,000/-	Completed
2. Effect of mutagenic treated <u>Rhizobium</u> on agronomic value of <u>Trigonella corniculata</u> L.	2005	UGC	1,00,000/-	Completed

11 Research Supervision

- *Basic Field of specialization: Microbiology, Genetics and Plant Breeding*

❖ Ph.D. NONE

<i>Name of Student</i>	<i>Title of thesis</i>	<i>Present status</i>	<i>Date and Year of Award, if so</i>
NONE	_____NA_____	_____	_____

❖ M.Phil.

<i>Name of Student</i>	<i>Title of Dissertation</i>	<i>Present status</i>	<i>Date and Year of Award</i>
1. Vishal Kumar Tak	Toxic assay of two chemical mutagens using <u>Vigna mungo L.</u> as an experimental material	Completed	2000
2. Deepa Manghani	Study of <u>Rhizobium</u> isolated from mutagenic induced plants of <u>Trigonella corniculata L.</u>	Completed	2001
3. Leena Jain	Biochemical estimations from mutagenic treated seedlings of <u>Vigna mungo L.</u>	Completed	2003
4. Bharti Nebhwani	Antibiotic sensitivity of <u>Rhizobium</u> isolated from DES treated plants of <u>Trigonella foenum graecum L.</u> under two soil conditions,	Completed	2004
5. Neetu Manglani	Effect of mutagenic treated <u>Rhizobium</u> on the growth and nodulation of <u>Trigonella foenum graecum L.</u>	Completed	2005
6. Maninder Singh Turna	Study on effect of chemical mutagen on growth of <u>Vigna unguiculata</u> in the normal and sterilized soil conditions	Completed	2009
7. Pradeep Kumar Walia	Growth and nodulation in <u>Trigonella foenum graecum L.</u> under three different soil conditions	Completed	2010

12 Monograph/ Book / Chapter (in Edited Book) Writing

• *Books(Hindi Edition)*

<i>Title of Book</i>	<i>ISBN/ ISSN No.</i>	<i>Publisher with Place</i>	<i>Year of Publication</i>

1. Diversity of Microbes (B. Sc Part-I)		Sakshi Publishing House Jaipur	2005
2. Cytology (B. Sc Part-I)		Sakshi Publishing House Jaipur	2005
3. Diversity of Cryptogams (B. Sc Part-I)		Sakshi Publishing House Jaipur	2005
4. Structure, Development and Reproduction in Flowering Plants (B. Sc Part-II)		Sakshi Publishing House Jaipur	2005
5. Systematics of Angiosperms (B. Sc Part-II)		Sakshi Publishing House Jaipur	2005
6. Diversity of Seed Plants (B. Sc Part-II)		Sakshi Publishing House Jaipur	2005
7. Plant Physiology and Biochemistry (B. Sc Part- III)		Sakshi Publishing House Jaipur	2006
8. Genetics and Biotechnology of Plants (B. Sc Part- III)		Sakshi Publishing House Jaipur	2006

• ***Chapter(s) in Book (Edited / multi-author)***

<i>Title of Chapter</i>	<i>Authors / Editors</i>	<i>Name of the Book with ISBN/ ISSN No.</i>	<i>Publisher with Place</i>	<i>Year of Publication</i>
Phycotoxins - A status Report	P.C.Trivedi	Algal Bio- Technology	Pointer Publishers , Jaipur	2001

13 Sports Activities : NIL

14 Extra Curricular Activities:

- **NSS Programme officer for 4 sessions**
- **Member of Board of Studies for Botany in MDS University, Ajmer for 2 Years.**

