



Dr. Harisingh Gour Vishwavidyalaya
(A Central University)

Title	Dr. Deepak Vyas	First/ Middle Name	Deepak	Last Name	Vyas	Photograph
Designation	Professor					
Affiliation	DHSGSU					
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EDUCATIONAL PROFILE						
Degree	Institution				Year	Remarks
B. Sc.	Dr. H.S.V.V Sagar				1985	67.44%
M. Sc.	Dr. H.S.V.V Sagar				1987	76.25%
M. Phil.	-					
Ph. D.	BHU, Varanasi-5 U.P.				1992	Awarded
CAREER PROFILE						
Organization / Institution	Designation		Duration	Role		
B.H.U, Varanasi	CSIR-SRF		01-01-1992 to 31-12-1993			
B.H.U, Varanasi	CSIR-RA		01-01-1994 to 28-05-1998			
Dr.H.S.Gour VV, Sagar	Lecturer		1998-2002			
Dr.H.S.Gour VV, Sagar	Sr. Lecturer		2002-2008			
Dr.H.S.Gour VV, Sagar	Reader		2008-2010			
Dr.H.S.Gour VV, Sagar	Associate Professor		2010-2013			
Dr.H.S.Gour VV, Sagar	Professor,		2013 - till date			
Areas of Interest / Specialization						
Bioconversion of Waste Material and Production of Value Added Products from Mushrooms.						

Publications

- Total Research Paper in Journal: 135
- Total Book chapter: 65
- Total Abstract in National/ International Symposia/ Seminar/ Conference: 155
- Total Symposia/ Workshops/ Conferences/ Seminars attended: 58
- Total Books Authored: 03
- Total Edited books: 04
- Total Technical Reports: 05

Patent: Title of the invention: Gano-immune stimulator and methods of preparation of the same from Ganoderma lucidum mushroom for the control of fusarium wilt disease of chickpea caused by Fusarium oxysporum f. sp. ciceris (Inventors: Chandan Singh, Smita Mishra and **Deepak Vyas**; Status of application: Published, Application number: 202421063834; CBR Number: 41472).

Research Projects (Major Grants/Research Collaboration)

1. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of Runj Irrigation Project Distt. Panna'; Project completed (2012-2014).
2. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of Pawai irrigation Project Distt. Panna'; Project completed (2012-2014).
3. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of "Sonpur Feeder Dam" of Sonpur Medium Project, Sagar (M.P.)'; Project completed (2012-2014).
4. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of Kesli Dam" of Sonpur Medium Project, Sagar (M.P.)'; Project completed (2012-2014).
5. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of of "Dehra Dam" of Bina Complex irrigation and Multipurpose Project, Sagar (M.P.)'; Project completed (2012-2014).

6. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of "Dhasan Diversion Dam" of Bina Complex irrigation and Multipurpose Project, Sagar (M.P.) Project completed (2012-2014).

7. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of of "Madia Dam" of Bina Complex irrigation and Multipurpose Project, Sagar (M.P.)'; Project completed (2012-2014).

8. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of of Flora and Fauna study of Pancham Nagar project distt. Sagar. (M.P.)'; Project completed (2012-2014).

9. WRD, Bhopal (M.P.); Major research project, 2012; Rs. 3.5 Lakhs 'Flora and Fauna study of of Flora and Fauna study of Patne Irrigation Project Distt. Panna'; Project completed (2012-2014).

Awards

- 1) UGC Research Award (2004)
- 2) CSIR Research Associate (1994)
- 3) Winner of the category of Ozone Layer Destruction, US\$ 700 in INTER RESEARCH ESSAY GRAND PRIZE held in TOKYO, JAPAN (1992)
- 4) CSIR Senior Research Fellow (1992)
- 5) First Rank in Life Science, Dr. Harisingh Gour Vishwavidyalaya, Sagar (1987)
- 6) M.Sc. Gold Medalist, Dr. Hari Singh Gour Vishwavidyalaya, Sagar (1987)

Scientific Services

Member of academic bodies / committees: (In Dr. H.S.Gour VV, Sagar)

- Member of Academic Council, (2020 to 30-09-2023).
- Convener, Department P.G. Committee, (2014-2020).

☐ **Biowaste Management**

1. Bioconversion of agric waste for mushroom production.
2. Production of bio-manure using SMC.
3. Production of bio active substances using mushroom as biomaterials.
4. Production of biochar using garden waste as plant growth promoter.

☐ **Cultivation on Mushroom**

1. Developed techniques converting Agric waste, Domestic waste, Fruit & vegetable waste, Forest waste as a substrate for mushroom cultivation.
2. Development of value-added products from Mushroom.

☐ **Medicinal property of Mushroom**

1. Developed Nutraceuticals, Anti-oxidants, Anti-diabetic, Anti-arthritis, Anti convulsant.

☐ **Mycorrhizal Technology**

1. Developed techniques on application of AM fungi as Biofertilizer.
2. Developed techniques control Wilt disease in Tomato and Pigeon pea.

☐ **Extension Services**

1. Landscaping of University Botanic Garden, Army Public school and Gour Bhawan.
2. Have given training on Cultivation of Maintenance of Floriculture.
3. Have given training on Mushroom Cultivation in several villages.
4. Popularization of science among the school and college students through mushroom cultivation.

☐ **Environmental awareness**

1. Guiding visitors during their visit of botanic garden.
2. Guiding School children about importance of botanic garden.
3. Guided Ph.D., P.G. and U.G. students about Landscaping and Garden Management.

□ **Achievements**

1. Have initiated to get Green Campus Development Project from MNRE New Delhi.
2. Have initiated to get Community College on Mushroom Cultivation and Processing from UGC.
3. Restructured University Botanical Garden.
4. Developed Citrus orchard in Botanical Garden.
5. Developed Cactus orchard in the Botanical Garden.
6. Developed Net House in the Botanical Garden.
7. Developed Poly House in the Botanical Garden.
8. Started documentation and development of E-herbarium.
9. Trained P.G. Students to identify plants using QR code.
10. Started elective courses in P.G. a. Mushroom Cultivation b. Land Scaping and Garden Designing.