

**Employee No. 13492**



**1. Name** RAM CHANDRA RAM

**2. Designation** Associate Professor

**Official Address :** Department of Mycology and Plant Pathology  
Institute of Agricultural Sciences  
Banaras Hindu University  
Varanasi 221005

**3. Academic Qualification**

Degree	Institution	Year
B.Sc. (Ag.)	PURVANCHAL UNIVERSITY JAUNPUR	1994
M. Sc. Ag (Mycology & Plant Path.)	BANARAS HINDU UNIVERSITY	1996

**4. Area of Specialization:**

Mushrooms and Their Cultivation Techniques, Tissue culture technique,  
Plant Diseases and Other Plant Pathological Knowledge.

**5. Contact Number :** Official : 0542-670-2574  
Mobil No. 09935658622

**6. Research Projects : Involved in Projects as Project Investigator and Co-Investigator**

S.No.	Title of Projects	Funding Agency	Budget (Lakh)
1	Mushroom Spawn Production	ICAR New Delhi	30.52
2	Diversity in Edible Fungi from Vindhyan Forest	CST- UP -Lucknow	4.80
3	Development of Farming System Modules for Small Farm Household of Varanasi Region	UPCAR – Lucknow	14.97 <b><u>Co. P.I.</u></b>
4	Test of Fungicides against Ground nut disease	Dhanuka Agritech Ltd. New Delhi	1.00

**7. Distinctions/Prizes/Awards/Medals/Honours, etc.:**

- i Recipient of BHU FELLOSHIP
- ii Recipient of ICAR NET
- iii Selection for INSA – Visiting Award

## 8. Publications :

### A. Research Papers :

1. Effect of temperature and pH on mycelial growth of *Pleurotus* species. *Indian J. Plant Pathology*. 2002. 19: (1&2) 58- 60.
2. Growth behaviour and yield potential of oyster mushroom on different substrates (*Indian J. Plant Pathology* 2006. 23: (1&2).)
3. Bio-control of substrate fungi for better growth behaviour and yield of oyster mushroom. "Biological Diversity" Current Trends (Prof. R.C. Rajak Fests Crifits Volume) Page : 7-12.
4. Evaluation of new substrate sterilization techniques for oyster mushroom. *Mushroom Research* 14 (1) 2005
5. (Research short note: Effect of different amount of spawn on spawn run period. *Indian J. Plant Pathology*. 2005. 22: (1&2) 78.
6. Use of mango stiff with paddy straw for oyster mushroom cultivation. *Indian Phytopath.* 57 (4) 2004
7. Comparative evaluation of various substrates and supplements on growth behaviour and yield potential of *Pleurotus florida*. Microbial Diversity : Modern Trends(R.C.Ram and Asha Sinha (Eds) Daya Publishing House Delhi). pp. 291-294.
8. Effect of culture media and temperatures on mycelial growth of *Fusarium moniliformae* Sheld. (Bakanae disease of rice) *Indian Journal of Applied Agriculture Research* Vol. 1 No.1 2007.
9. Inhibitory effect of some fungicides and neem products on mycelial growth and sclerotial development of *Rhizoctonia solani* causing sheath blight of rice. *Indian Jr. of Plant Pathology* 2006, 24 (1&2) 62-65.
10. Studies on weight of different growth stages, parts, and flushes of fruiting bodies of *Agaricus bisporus* (Lange) Sing. *International Journal of Agricultural Technology*,(accepted).
11. Re-utilized of substrate for cultivation of oyster mushroom (*Pleurotus* species). *Indian Jr. of Plant Pathology* 2008(accepted).
12. Effect of different bi-agents against pathogen of Sclerotinia blight of Brinjal (*Solanum melongena*). (accepted).
13. Comparative evaluation of mushroom strains for growth and yield potential of *Agaricus bisporus* (Lange.) Sing. *Indian Journal of Applied Agriculture Research* Vol. 1 No.1 2007.

### B. Review Papers :

1. Use of various agricultural residues and by-products for mushroom cultivation : A Review. (accepted for Microbial Diversity : Modern Trends(R.C.Ram and Asha Sinha (Eds) Daya Publishing House Delhi). pp. 34-46.
2. Post harvest diseases : strategies and management. (accepted for Microbial Diversity : Modern Trends(R.C.Ram and Asha Sinha (Eds) Daya Publishing House Delhi). pp. 161-168.

### C. Books :

1. Course Manual of Mushroom Cultivation 2004
2. Course Manual of Microbiology 2004

3. Editing Book : Microbial Diversity Modern Trend 2006
4. Authored Book : Mushrooms and Their Cultivation Techniques

2006

**D. Abstracts Published in Proceeding : 20**

**E. Articles in English and Hindi : 24**

**9. Additional Information/Achievements :**

- a. Radio talk :20
- b. T. V. Talk : 10
- c. Tabulation work : 5 years
- d. Organized mushroom training program
- e. Mushroom cultivation demonstration at farmers level
- f. Further discussion to farmers about mushroom cultivation

Date :

Place :

Signature