

Programme /s Offered:

1. **M. Sc. Microbiology** (Two Years/ Four Semester)-CBCS-Choice Based Credit System (as per NEP 2020)

2. **Ph.D. Microbiology**

Profile of the Department:

School of Studies in Microbiology came into existence in 1994. The Two year/ four semesters M.Sc. program in Microbiology is based on the Choice Based Credit system (CBCS) with the objective to produce manpower in applied areas. Students who have completed M.Sc. from this Department have been absorbed in various laboratories, industries and other organizations like Rail Neer, Cipla, Teva Api, ARLB- Baddi, IIIM Jamu, BITS, Pilani etc. Some of the students have qualified NET/ GATE examinations as well.

Over the past 26 years, School of Studies in Microbiology has built up a worthwhile teaching/ research base. In addition to routine laboratories, the Department has a well-equipped instrumentation facility, a rich library and computer facility accessible to the students under the guidance of worthy teachers. The major instruments include: Thermal cycler, Gel-Electrophoresis systems, UV-visible spectrophotometer, Cooling centrifuge, Deep freezer and Laminar air flow and Nano drop UV Spectrophotometer and Nucleic acid Extractor etc. The Department of Microbiology is also equipped with instrument like shaking Incubator and Fermenter which makes easy to understand Industrial processes such as Bio product development .This department has successfully completed a few research projects sponsored by Department of Biotechnology, University Grant Commission and MOEF, New Delhi. It is needless to emphasize the scope of microbiology; both the private and public sectors have profuse interest in the industrial applications of microbial technology like synthesizing new drugs, proteins, enzymes, antigens and diagnostic materials.

Very recently the department has been identified as” Centre of Excellence” by MP Higher Education Quality Improvement Programme.

Research and Innovation Highlights

- **DRDE Gwalior (MOU)**
- **National Jalma Institute for Leprosy and other Mycobacterial Diseases (ICMR-Jalma) (MOU)**

MOU’s Provide opportunities for students to participate in research work, attend specialized workshops and undertake internship at DRDE and ICMR JALMA facilities.

M. Sc. Microbiology

About course	M.Sc. Microbiology
Course duration	2 Years
Number of semester	4 Semester (as per NEP 2020)
Criteria of admission	B.Sc. with 50% marks with Microbiology/Applied Microbiology, Biotechnology/ Botany/ Zoology /Chemistry / Environmental Science
Process of admission	On the basis of the merit in qualifying examination
Fees structure	I Semester-Rs.28620.00, II Semester-Rs.24300.00, III Semester- Rs.25360.00, IV Semester- Rs. 24300.00
Available seats:	Open= 30

Contact Person:

Prof- Mahendra K. Gupta,
Co-coordinator,

Contact:

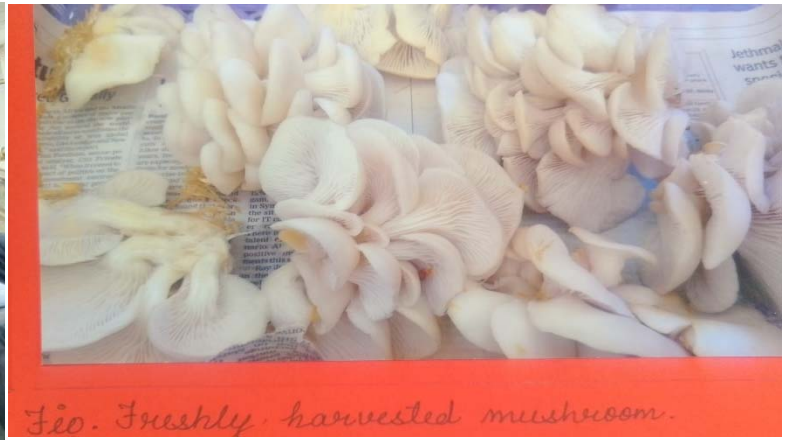
8839781076, 9425068613- Please contact during office hours.

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**Educational Tour to LAL TIPARA (GAUSHALA) AT BIOENERGY SITE,
MORAR, GWALIOR**



**AMR Awareness Campaign on Dated: 18-24 Nov. 2025 and
Innovative skill enhancement desk session 2025-26**

