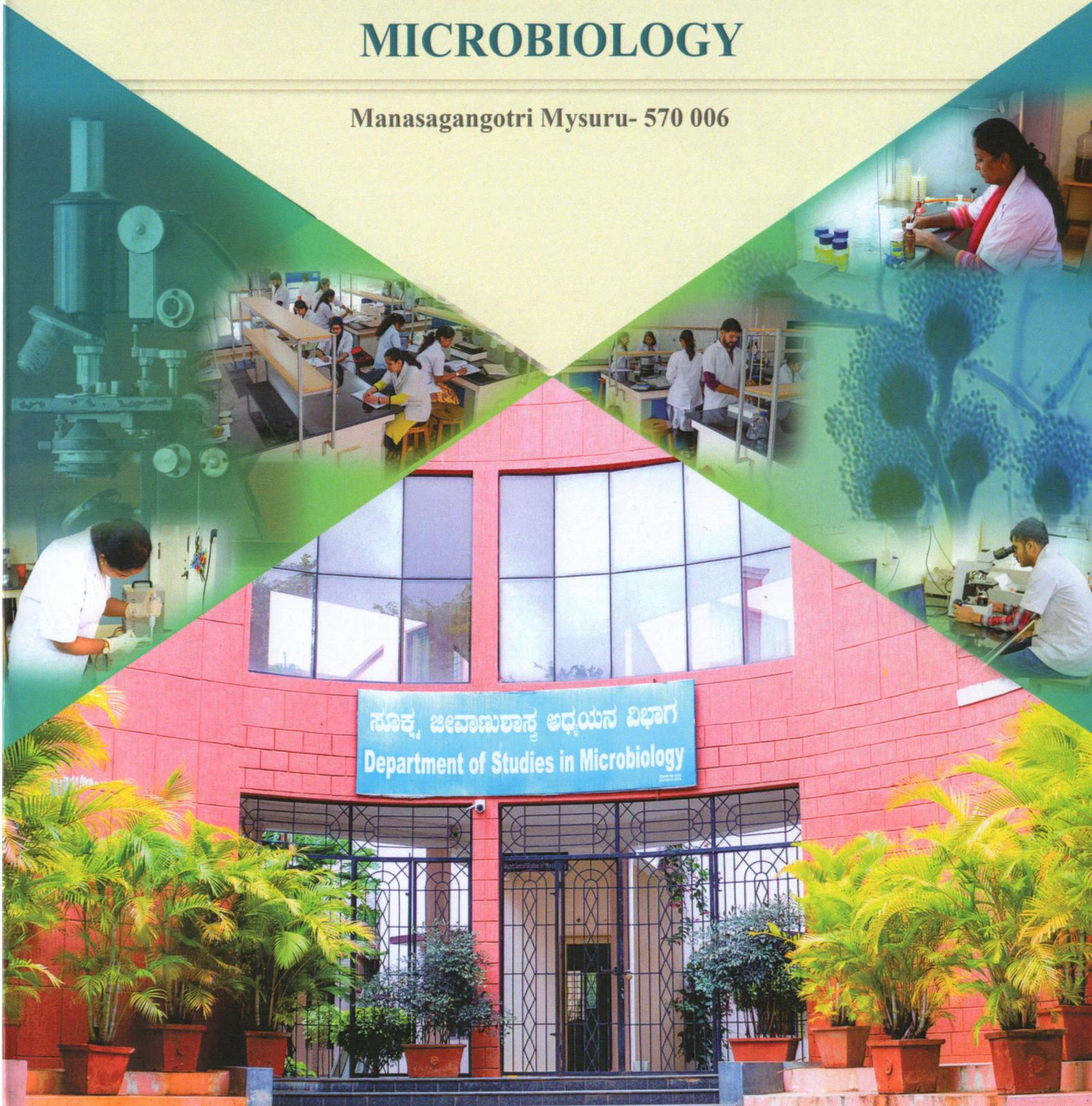




ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

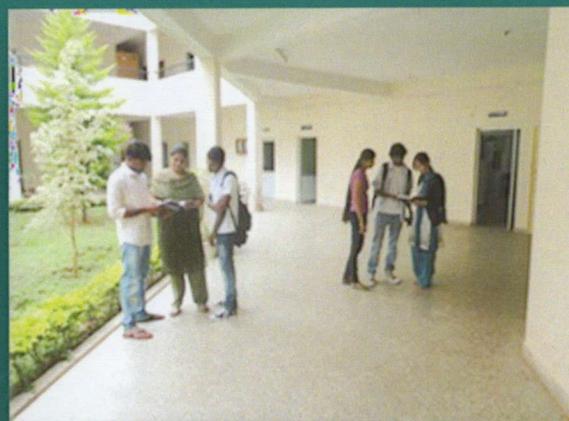
DEPARTMENT OF STUDIES IN
MICROBIOLOGY

Manasagangotri Mysuru- 570 006



About the Department

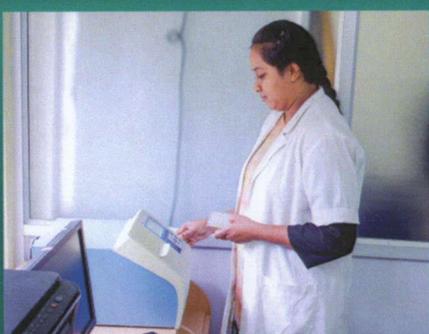
The department of studies in Botany during 1980's felt the need for M.Sc., Microbiology course considering the fact that Microbiology will play an increasing central role as a beacon for biology. M.Sc. Microbiology was started in 1992 with the sole aim of offering another relevant course, considering the needs of the society. During 1999, a separate Section of Microbiology was identified and during 2008, a separate Department of Studies in Microbiology was established.



National Status

The Department of Studies in Microbiology has gained national reputation by offering free consultation services to farmers, plantation owners, nursery growers and forest officials in identifying the causal organism and offering control measures to tackle plant pathogens. Identification of Bacterial, Fungal pathogens in water samples, screening of thousands of diseased plant materials, pathogen identification and suggestion of remedial measures to farmers and growers are carried out on regular basis.

Ongoing research and academic programmes in the department have been recognized and sponsored by Department of Science and Technology's FIST programme and by the UGC.



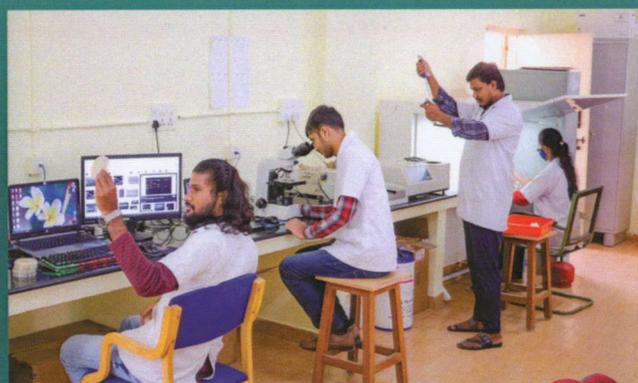
Mission and Vision

The department has a mission to impart scientific and technical knowledge to students, with a vision to produce trained microbiologists.

Focused research and development has contributed to the knowledge of microorganisms with vast applications in human health, agriculture, environment and industrial sectors.

Research Credentials

Faculty	Citations	H-index
Prof. Shubha Gopal	1080	15
Prof. N. Lakshmidevi	895	13
Prof. S. Satish	4500	32
Prof. M.Y. Sreenivasa	790	16
Prof. V. Ravishankar Rai	4016	30



Courses Offered

M.Sc in Microbiology

Duration :

4 Semesters - 2 Years Programme

About the course:

Microbiology is considered as one of the major field of study in life science education with vast applications in human health sector, environmental studies, agriculture, industrial / biotechnology sectors. This course covers classical and advanced microbiology with special emphasis on molecular biology and genetic engineering.

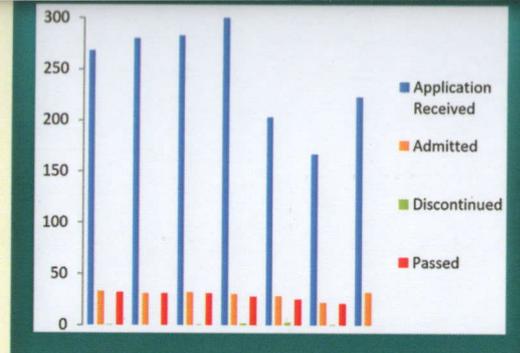
Eligibility :

B.Sc with Microbiology as one of the major or optional subject from any national or international recognized university

Research Output (Since 2014)

Ph.Ds. Guided	: 62
Publications	: 266
International Journals	: 214
National Journals	: 16
Book Chapters	: 36
Patents	: 01

The Department has instituted SBI Gold Medal and Prof. Raveesha Koteswar Anandrao Gold Medal for First Rank holders in M.Sc. Microbiology.



Admission statistics from 2015-2020

Postgraduate Diploma in Food Quality and Safety

Duration : 12 Month Programme (2 Semesters)

About the course : This course is designed to develop practical "hands on training" in food safety and quality. The course accentuates on the fundamental principles of 'Quality Assurance' and 'Food Safety' issues. Schedules will be provided with knowledge required to either enter into or progress within the food industry. Meticulously designed course curriculum with practical skills on core areas in food chemistry, food microbiology, food analysis, processing and management can upgrade the present knowledge in the food science and technology.

Eligibility : Candidates from India and abroad who have completed Masters Degree in Botany / Applied Botany/ Biotechnology/ Microbiology/ Biochemistry/ Plant Science/ Agriculture/ Sericulture / Food and Nutrition/ Bioscience/ Life Science with at least 45% marks are eligible to apply.

Ph. D. in Microbiology

Duration : 3 - 5 Years Programme

About the course : Candidates must complete course work and have to pursue research on the emerging fields of microbiology under the guidance of research supervisors. Regular assessment of the research is carried out by the doctoral committee based on the quality of research publications in peer reviewed journals.

Eligibility : M.Sc Microbiology and allied subjects are eligible to apply for the course. Selection is based on entrance test followed by an interview.



Infrastructure, Laboratory Facilities and Equipments

WiFi Campus, Interactive Audio-visual seminar hall, Departmental Library, Computer lab with internet, Fungal Incubation Chamber, Type II Biosafety Cabinet, PCR Machine, Microscopes with Image Acquisition, Gel Documentation System, -80°C & -20°C Deep Freezers, Ultra cool table top centrifuge, UV-Vis Microplate Reader and Rotary Evaporator.

Best Practices

1. Providing microbial cultures to educational institutions and sister Departments.
2. Special lectures from subject experts from national & International Research Institutions and other Universities.
3. Faculty and students participation in Association of Microbiologists of India
4. Interaction of students, Research scholars and Faculty members on special areas of Microbiology.

Name & Designation	Research Specialization	Contact Details
 <p>Dr. Shubha Gopal Professor</p>	<p>Molecular Pathogenesis – Biofilm, Quorum sensing, Multi-drug resistance, Bioinformatics, Phytochemistry, Gene editing.</p>	<p>Ph :+91-821-2419690 Email: sguom@yahoo.com sg@microbiology.uni-mysore.ac.in</p>
 <p>Dr. N Lakshmidevi Professor</p>	<p>Medical Microbiology, Mycology and Immunology</p>	<p>Ph : +91-821-2419739 Email:nld@microbiology.uni-mysore.ac.in</p>
 <p>Dr. S. Satish Professor</p>	<p>Bionano materials, Agropathology, Bioprospecting of endophytic microorganisms, Anti-microbial metabolites, Microbial Drug Technology.</p>	<p>Ph : +91-821-2419734 Email:ss@microbiology.uni-mysore.ac.in satish.micro@gmail.com</p>
 <p>Dr. M Y Sreenivasa Professor</p>	<p>Microbial Diversity, Food Microbiology, Microbial technology, Mycology, Molecular Mycology, Mycotoxicology and probiotics.</p>	<p>Ph : +91-821-2419733 Email:mys@microbiology.uni-mysore.ac.in sreenivasamy@gmail.com</p>
 <p>Prof. V. Ravishankar Rai BSR-Fellow</p>	<p>Agriculture Microbiology, Food Technology, Forest Pathology, Endophytic fungi, Medicinal Plants, Phytochemistry, Cell and Tissue Culture, Bacterial Quorum sensing, Microbial Mediated Corrosion.</p>	<p>Ph : +91-821-2419441 Email:raivittal@gmail.com rrai33@hotmail.com</p>

Contact:

The Chairperson

Department of Studies in Microbiology

Manasagangothri, Mysore – 570006

Ph: +91-821-2419735 Email: microbiology543@gmail.com