



SANTOSH
Deemed to be University



Medical Microbiology

Empowering Minds Through Modern Microbiology



Empowering futures through **30+** years.



Excellence in **Education, Healthcare, Research.**



Most **Approachable Location** in Delhi NCR



NAAC Accredited Premier Deemed to be University



900+ bedded Advanced **Superspeciality** Hospital.

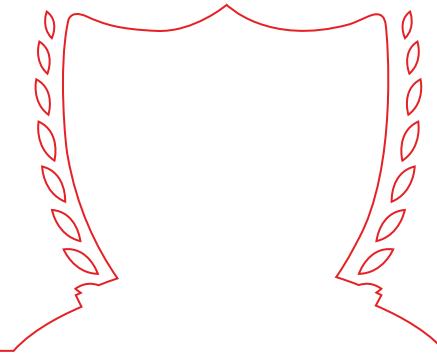


Holistic Development of Students



Dr. P Mahalingam

*Founder Chairman
MD (General Medicine),
DM (Cardiology), FCCP*



Healthcare has never been the work of doctors alone. It is the collective strength of multiple professionals—diagnosticians, technologists, therapists, rehabilitation experts, and caregivers—working in seamless coordination that truly defines patient outcomes. Yet for decades, Allied Health Sciences remained one of the most under-recognised pillars of the healthcare system.

At Santosh Deemed to be University, we chose a different path.

At a time when Allied Health Sciences attracted limited attention, minimal policy focus, and little institutional investment, we consciously began building structured academic programs, clinical training pathways, and professional dignity for these disciplines. This decision was rooted in a simple belief: no healthcare system can function, sustain, or advance without a strong allied health workforce.

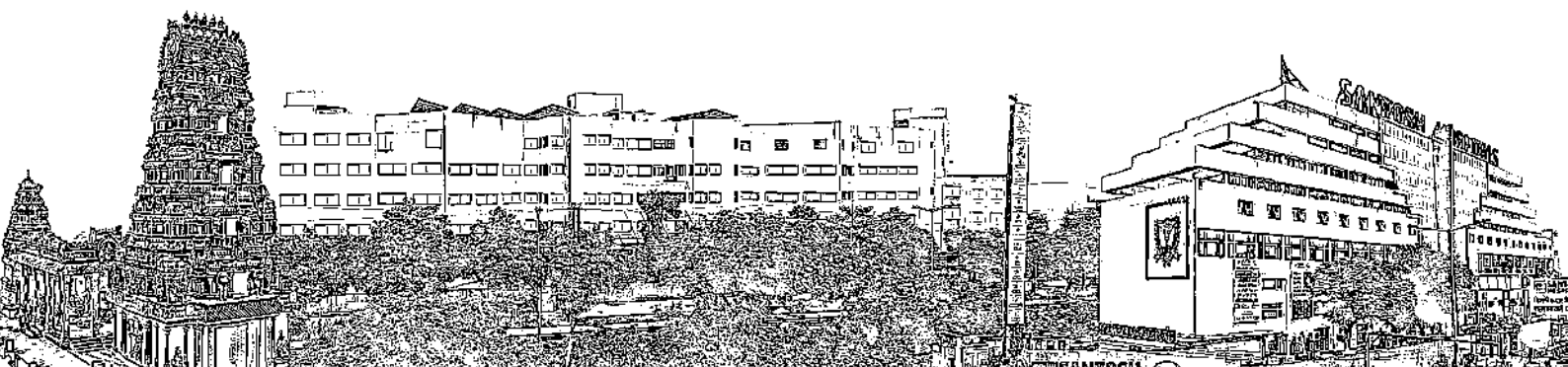
Allied health professionals have often been viewed as supporting roles. In reality, they are the building blocks of modern healthcare—enabling diagnosis, ensuring continuity of care, supporting recovery, and translating medical decisions into real patient outcomes. What no doctor can achieve alone is made possible through the skill, precision, and commitment of allied health teams.

Santosh's integrated university-hospital ecosystem was designed to reflect this philosophy in practice. With a 900+ bed teaching hospital at the heart of our campus, Allied Health Sciences education at Santosh has always been clinical, hands-on, and responsibility-driven. Our students learn not in isolation but as part of real multidisciplinary healthcare teams—understanding their roles, accountability, and impact on patients' lives from the very beginning.

Today, national policy has begun to recognise what we believed in years ago formally. The emergence of structured regulation and professional identity through the National Commission for Allied and Healthcare Professions (NCAHP) reflects a long-overdue acknowledgement of this sector's importance. While frameworks are now taking shape at the national level, Santosh had already laid strong academic and clinical foundations for Allied Health Sciences well in advance.

As the University completes three decades of service in healthcare education and patient care, our commitment remains unchanged. We will continue to strengthen Allied Health Sciences as a core academic and professional domain—guided by quality, ethics, clinical relevance, and social responsibility.

I take pride in our students, faculty, clinicians, and healthcare teams who embody this vision every day. They represent the future of healthcare—not as underdogs, but as essential professionals shaping safer, stronger, and more humane health systems.



Vice Chancellor Message



Prof. (Dr) V. N. Mahalakshmi, ***Vice Chancellor - Santosh Deemed to be University***



Choosing Allied Health Sciences means choosing a career at the core of healthcare delivery. At Santosh Deemed to be University, we are proud to shape professionals who are competent, confident, and compassionate. Our programmes are grounded in the University's vision of excellence, guided by a strong mission to develop capable healthcare professionals, and upheld by core values of integrity, innovation, teamwork, and social responsibility.

As you enter the academic session 2026-27, you join a rapidly evolving sector under the National Commission for Allied and Healthcare Professions (NCAHP). We recognize that regulatory changes can be challenging, and our dedicated faculty, academic systems, and mentoring support ensure clarity, compliance, and confidence at every stage.

With hands-on clinical exposure, skill-focused training, and career guidance, our graduates are prepared for rewarding opportunities in India and abroad. We warmly welcome you to Santosh University—where meaningful healthcare careers begin.

Dean's Message

Prof. (Dr) Moattar Raza Rizvi ***Dean - Allied Health Sciences***



At Santosh Deemed to be University, the Faculty of Allied Health Sciences stands as a beacon of innovation, compassion, and clinical excellence. Guided by the vision of the National Education Policy (NEP) 2020 and inspired by Viksit Bharat@2047, we are transforming healthcare education through scientific rigor, digital integration, and AI-enabled learning. Our academic ecosystem emphasizes interdisciplinary collaboration, ethical practice, and emerging alignment with the National Commission for Allied and Healthcare Professions (NCAHP). As Santosh celebrates over three decades of educational leadership, we remain devoted to nurturing AI-literate, future-ready professionals who will advance healthcare with knowledge, empathy, and innovation for a progressive and equitable India.



HOD's Message



Prof. (Dr) Ashutosh Rawat, ***HOD - Department of Microbiology***



As the Head of the Department of Microbiology, I welcome you to an exciting journey into the world of microbial sciences, infectious diseases, and diagnostics. Our department is committed to providing comprehensive education, hands-on training, and research opportunities in medical microbiology. With state-of-the-art laboratories and expert faculty, we equip students with the skills needed for clinical diagnostics, infection control, and biomedical research. Embrace this opportunity to explore pathogen detection, antimicrobial resistance, and emerging infectious diseases. We look forward to guiding you toward a rewarding career in microbiology and healthcare. Wishing you success in your academic endeavours!

University Highlights

- 120+ National and International Collaborations
- Advanced Clinical Training from First Year Onwards
- Ethical, Compassionate and Patient-Centric Training Approach
- Integrated Teaching Hospital with High Patient Footfall
- Hands-on Clinical Training for Students
- State-of-the-Art Laboratories and Simulation Centers
- Highly Qualified, Experienced & Research-Oriented Faculty
- Global Collaborations & Academic Partnerships
- SIRO Certified Central Research Facility



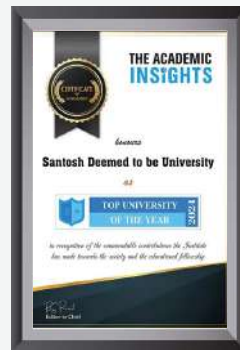
Only Dental College in India with a UNESCO Bioethics Chair



Awarded "A" Rating in Rating Cycle 2023 For Upholding the Highest quality standards



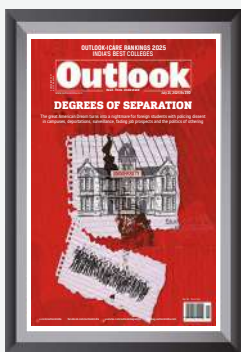
Ranked in 40-71 band in THE Impact Rankings 2024



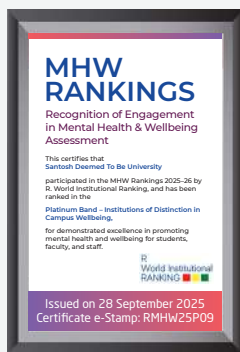
Awarded Top University of the Year-2024 by The Academic Insights



Ranked in 151-200 band in NIRF Rankings 2024



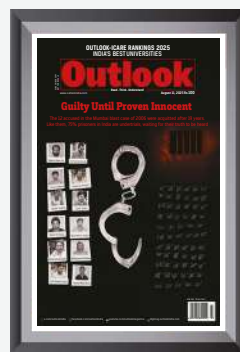
Ranked 8th in Top 28 Private Institutes - Medical in Outlook 2025



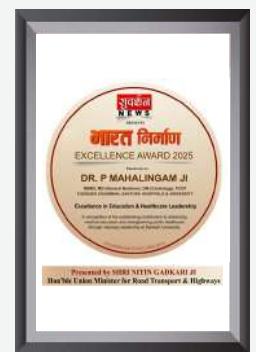
Platinum Band Recognition by R World Institutional Ranking



Ranked 10th in Top 30 Private Institutes - Physiotherapy in Outlook 2025



Ranked 9th in Top 15 Private Medical Universities in Outlook 2025



Excellence in Education and Healthcare Leadership - Excellence Award 2025

Program **Overview**

Equipped with advanced BSL-2 laboratories, the department provides hands-on microbiology training, fosters research and innovation, and prepares skilled microbiologists for healthcare, diagnostics, public health, research, and biotech careers.

MicroBiology

The Department of Microbiology at Santosh Medical College is dedicated to excellence in education, research, and diagnostic services. It plays a crucial role in understanding microbial infections, host-pathogen interactions, immunology, epidemiology, and disease prevention. The department is equipped with state-of-the-art laboratories for bacteriology, virology, mycology, parasitology, serology, and molecular diagnostics, including a well-established BSL-2 facility that supports advanced training and research.

Students gain comprehensive hands-on experience in clinical microbiology, antimicrobial resistance profiling, biosafety practices, culture techniques, and infection control. Expert faculty members foster a strong research culture, critical thinking, and innovation in infectious disease surveillance and management. With emphasis on practical exposure, interdisciplinary learning, and modern diagnostic technologies, the department prepares students for diverse careers in clinical laboratories, research organisations, hospitals, public health sectors, biotech industries, and academia.

By nurturing competent microbiologists, the department strengthens healthcare outcomes & enhances national preparedness for emerging infectious threats.



Course Insights



Study Human Disease-Causing Microbes



Hands-on Training in Diagnostic Microbiology



Advanced Molecular Diagnostic Techniques



Strong Foundation In Immunological Concepts



Research-focused Curriculum with Project Work



Career Pathways In Clinical Diagnostics

Course Curriculum

Semester	Focus Areas - BOMM - Based 4 Years (3.5 Years Academic + 6 Months Mandatory Internship) (As per NCAHP Guidelines)
1 st	Foundational orientation in basic sciences, professional ethics, communication, and healthcare environment exposure.
2 nd	Strengthening of core biomedical understanding and introduction to laboratory-based learning.
3 rd	Development of diagnostic skills & analytical competence in laboratory sciences.
4 th	Advancement into applied and clinically relevant laboratory practices.
5 th	Enhancement of specialized domain competencies and disease-oriented laboratory expertise.
6 th	Integration of advanced scientific techniques & laboratory management principles.
7 th	Research skill development and evidence-based analytical training.
8 th	Clinical consolidation through internship and professional competency attainment.

Semester	Focus Areas - M.Sc. Medical Microbiology - Semester-wise (3-Year Programme/6 semester) (As per NCAHP Guidelines)
1 st	Establishment of advanced foundational knowledge and laboratory competency in medical microbiology.
2 nd	Strengthening of diagnostic interpretation skills and applied clinical microbiology exposure.
3 rd	Integration of advanced analytical techniques and hospital-based microbiological applications.
4 th	Clinical correlation and higher-level professional competence in laboratory practice.
5 th	Development of research aptitude, scientific writing skills, and dissertation planning.
6 th	Independent research execution, data analysis, thesis submission & professional readiness.



Microbiology students observe culture handling, biosafety practices, and specimen analysis under faculty guidance in a controlled laboratory environment setting

Career Prospects

Clinical Microbiologist

Lead advanced diagnostic services, interpret laboratory findings, and support infection prevention in hospitals and healthcare systems.

Molecular Diagnostics Specialist

Perform PCR-based and molecular testing for infectious diseases, genetic disorders, and emerging pathogens.

Medical Laboratory Technologist (Microbiology)

Process and analyse clinical samples while ensuring quality standards and accurate diagnostic reporting.

Infection Control & Quality Officer

Develop and monitor infection prevention protocols aligned with NABH/JCI and international healthcare standards.

Public Health Microbiologist

Support disease surveillance, outbreak investigations, and antimicrobial resistance monitoring programs.

Research & Biotechnology Scientist

Contribute to vaccine development, antimicrobial research, and biotechnology innovation in pharma and R&D sectors.



Clinical Facilities



Microbiology student performs aseptic specimen processing inside biosafety cabinet, practicing infection control, precise pipetting, documentation, and laboratory safety protocols under expert faculty supervision daily training

Microbiology student conducts rapid diagnostic testing, ensuring sample accuracy, biosafety compliance, documentation precision, and quality control through structured laboratory training and supervised hands-on practice sessions



Student's Testimonials



"Pursuing my Bachelor of Medical Microbiology at Santosh Deemed to be University has been an enriching journey. The practical lab training, exposure to diagnostic techniques, and constant faculty support strengthened my understanding of infectious diseases. This program has built my confidence, sharpened my skills, and prepared me to contribute effectively to diagnostics and research."

Yash Gandhi, Batch 2020-2023



"Santosh University gave me the perfect opportunity to explore medical microbiology in depth. The practical sessions, expert faculty, and exposure to advanced diagnostic techniques strengthened my technical and analytical skills. This journey has prepared me for a meaningful career in clinical laboratories, research, and healthcare diagnostics, and I'm truly grateful for the experience."

Meghna, Batch 2021-2022



Skin allergy testing demonstrating antigen response assessment under microbiology laboratory conditions ensuring accurate diagnosis and patient safety



Microbiology student verifies reagent storage, temperature monitoring, inventory control, and cold chain compliance, ensuring diagnostic reliability, biosafety standards, and laboratory quality management under supervision protocols

Microbiology student examines stained specimens under microscope, developing diagnostic accuracy, organism identification skills, analytical thinking, and laboratory competence through supervised practical training sessions & exposure



Admission Process

- To pursue in Bachelor of Medical Microbiology (BOMM) program, the candidate should have 50% Marks in Physics, Chemistry & Biology for general category and 40% marks for OBC, SC & ST. For more details, visit the website abvmuup.edu.in.
- M.Sc. Medical Microbiology admission shall be done based on direct entry. For more details, kindly visit: admission.santosh.ac.in

Program Offered

Program Name	Eligibility	Affiliation	Program Duration	Program Type	Fee Structure
Bachelor of Medical Microbiology (BOMM)	10+2 with PCB from a recognized board with minimum qualifying marks as per regulatory norms.	Santosh Deemed to be University	4 years (3.5 Years Academic + 6 Months Mandatory Internship)	Regular Mode	Rs. 1,14,740/-
M.Sc. Medical Microbiology	Bachelor's degree in Medical/Allied Health Sciences or related Life Sciences from a recognized University, as per University and NCAHP guidelines.	Santosh Deemed to be University	3 Years (6 Sem.)	Regular Mode	Rs. 2,09,540/-

* As per the latest National Commission for Allied Healthcare Professions (NCAHP) guidelines





Microbiology student operates analyzer ensuring accurate diagnostics, sample integrity, and quality control protocols through standardized procedures

Microbiology student incubates culture plates, maintaining temperature control, aseptic handling, and microbial growth monitoring.



Microbiology student performs serological testing using micropipette, ensuring accuracy, biosafety, and diagnostic precision standards.



Microbiology student maintains laboratory records, sample logs, and reports ensuring accuracy, traceability, and compliance.





SANTOSH
Deemed to be University



MOST APPROACHABLE LOCATION

21
Kilometres

India Gate,
New Delhi

17
Kilometres

Akshardham
Temple, Delhi

16
Kilometres

National Expressway
3, Ghaziabad

12
Kilometres

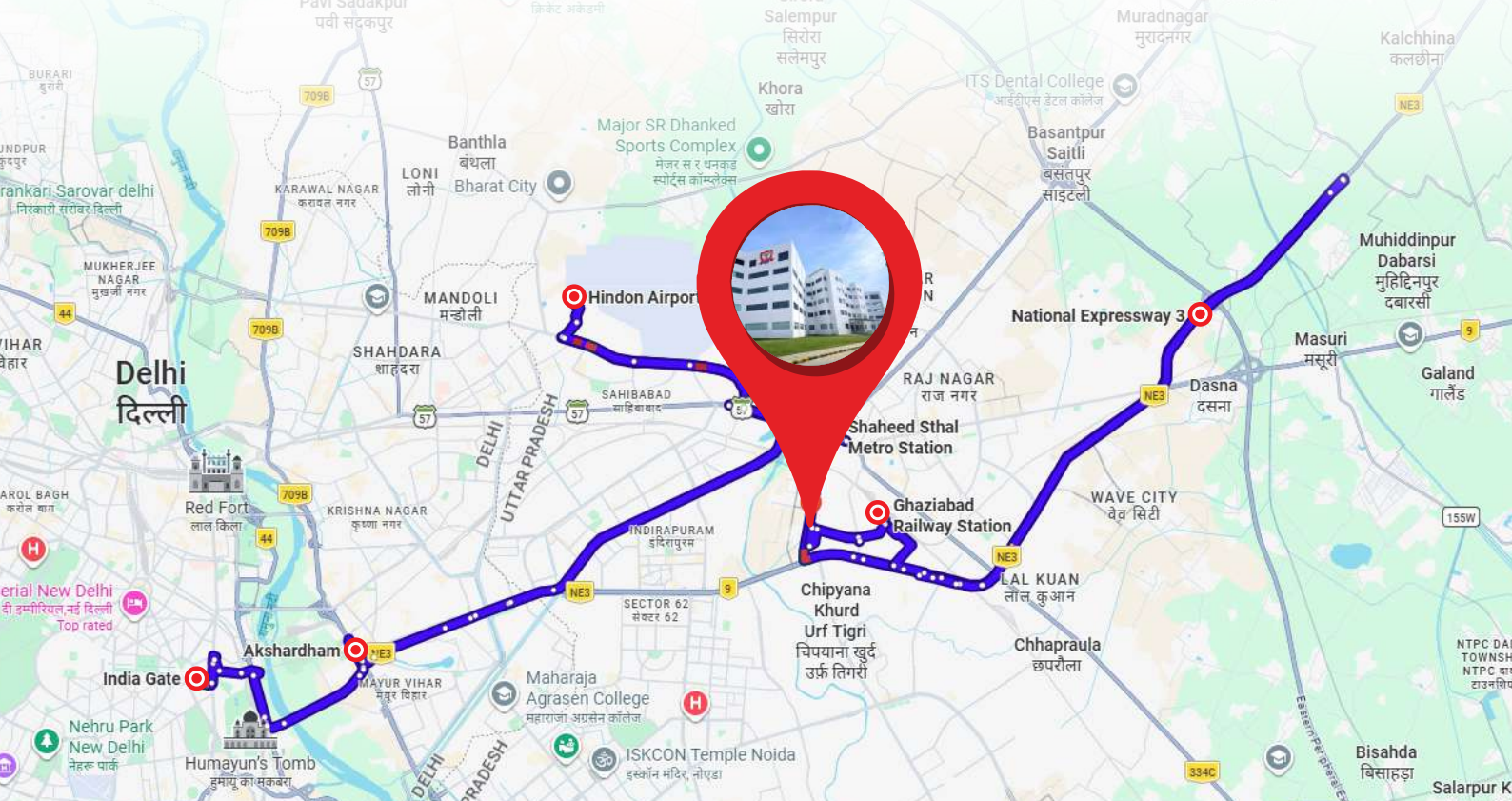
Hindon Airport,
Ghaziabad

4
Kilometres

Shaheed Sthal Metro
Station, Ghaziabad

2
Kilometres

Ghaziabad Junction
Railway Station



ADMISSION HELP DESK

 **+91 78385 54401 / 04 / 10 / 86**

Admission Cell, 4th Floor, No.1, Santosh Nagar, Pratap Vihar, Ghaziabad(Delhi NCR)

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