



SANTOSH
Deemed to be University



M.Sc. Medical Biochemistry

Advanced training in molecular mechanisms, clinical diagnostics, and biomedical research



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.

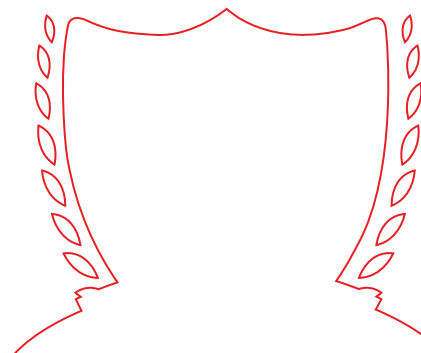


Holistic Development of Students



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.

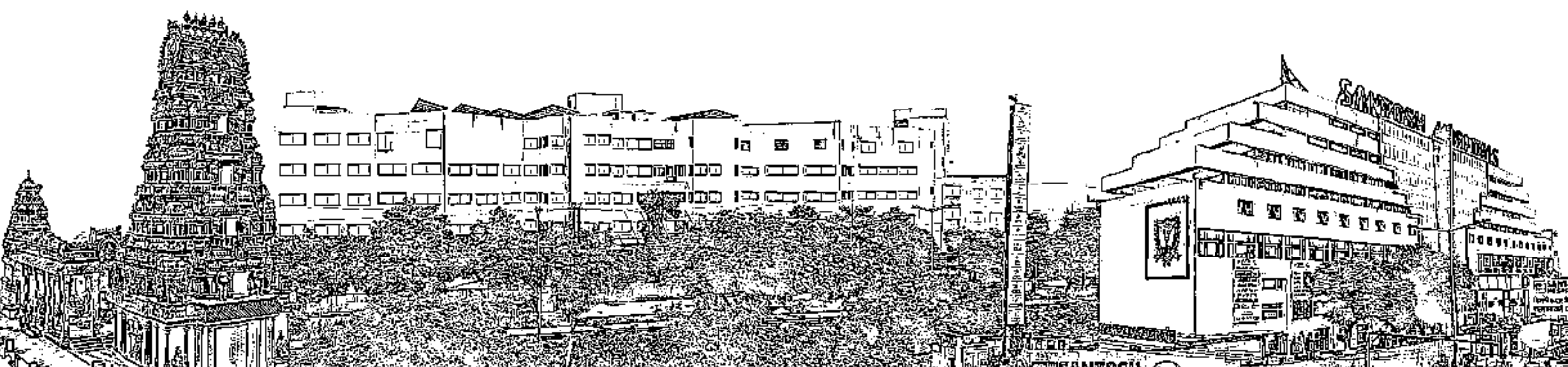
Allied health professionals have often been viewed as supporting roles. In reality, they are the building blocks of modern healthcare—enabling diagnosis, ensuring continuity of care, supporting recovery, and translating medical decisions into real patient outcomes. What no doctor can achieve alone is 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) Juhi Aggarwal,
HOD, Department of Biochemistry



The Department of Biochemistry is dedicated to advancing cutting-edge research and providing state of art academics. The M.Sc. Medical Biochemistry program enhances practical expertise in Clinical Biochemistry where students gain hands-on experience with genetic techniques, analytical procedures, and diagnostic assays, deepening their understanding of biochemical principles. The curriculum includes a major individual research project, integrating databases, computational tools, and ethical considerations in scientific practice. This dynamic curriculum fosters an innovative learning environment, setting new standards in biochemistry education and research.

University Highlights

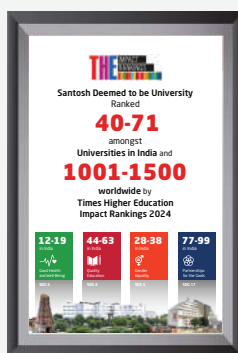
- 120+ National and International Collaborations
- Advanced Clinical Training from First Year Onwards
- Ethical, Compassionate and Patient-Centric Training Approach
- Integrated Teaching Hospital with High Patient Footfall
- Hands-on Clinical Training for Students
- State-of-the-Art Laboratories and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



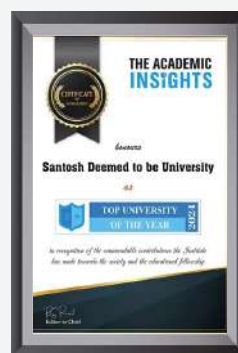
Only Dental College in India with a UNESCO Bioethics Chair



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



Ranked in 40-71 band in THE Impact Rankings 2024



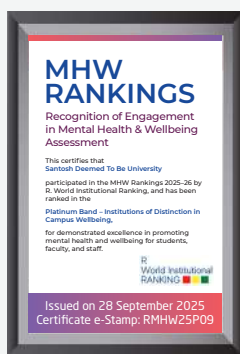
Awarded Top University of the Year-2024 by The Academic Insights



Ranked in 151-200 band in NIRF Rankings 2024



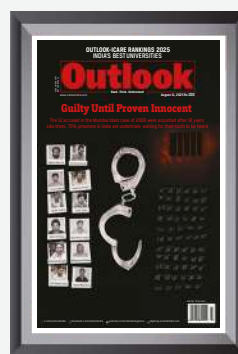
Ranked 8th in Top 28 Private Institutes - Medical in Outlook 2025



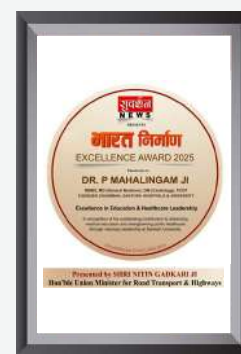
Platinum Band Recognition by R World Institutional Ranking



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

A globally aligned postgraduate programme integrating strong biomedical foundations, progressive laboratory immersion, and research-driven learning to develop analytically skilled, ethically grounded for careers in diagnostics, research, industry.

BIOCHEMISTRY

The M.Sc. Medical Biochemistry programme is a globally aligned postgraduate qualification designed to build strong biomedical understanding, analytical depth, and laboratory competence through a structured academic progression. It emphasizes scientific reasoning, molecular-level thinking, and professional laboratory orientation, enabling students to develop a solid intellectual foundation while adapting to modern biomedical environments.

As the programme advances, learners transition from core concepts to applied analysis, clinical laboratory contextualization, and independent problem-solving. Progressive laboratory immersion, exposure to real-world workflows, and structured research orientation help students interpret data, evaluate biological processes, and understand disease mechanisms with confidence. The curriculum nurtures critical thinking, research aptitude, and evidence-based decision-making.

In its advanced stages, the programme focuses on translational competence, quality systems, regulatory awareness, and independent research execution. Strong emphasis on dissertation-based learning and scientific communication ensures graduates are prepared for doctoral studies, advanced laboratory roles, biomedical research careers, and industry engagement, offering global relevance within the Indian higher education framework successfully.



Course Insights



Advanced analytical and research laboratory exposure



Quantitative analysis & experimental precision



Technology-enabled experimental training



Biomedical reasoning and evidence-based interpretation



Conceptual depth in molecular and biochemical sciences



Metabolic pathway interpretation in disease biology

Course Curriculum (3 Years)

Semester	Focus Areas
1 st	Foundation & Academic Orientation Develops a strong base in biomedical understanding, molecular reasoning, laboratory orientation, and professional academic skills.
2 nd	Functional Understanding & Applied Learning Strengthens analytical thinking, system-level understanding, and structured application of laboratory workflows.
3 rd	Clinical Contextualization & Research Entry Trains students in applied biomedical analysis, interpretation of laboratory data, and introduces structured research methodology.
4 th	Advanced Analysis & Independent Application Builds advanced problem-solving capability, data-driven decision making, and independent research progression.
5 th	Translational Practice & Quality Integration Develops competence in translating laboratory science into practice, understanding quality frameworks, and executing advanced research.
6 th	Research Consolidation & Professional Readiness Prepares graduates for research and professional leadership through independent project completion, synthesis of knowledge, and scientific communication.



Biochemistry students mastering automated analyzers, ensuring precision diagnostics, molecular insights, and hands-on laboratory excellence in modern clinical research.

Career Prospects

Biomedical / Clinical Laboratory Scientist

Supporting biochemical and molecular testing, analytical workflows, and data generation in hospital and reference laboratories under licensed supervision.

Biotechnology and Diagnostics Industry Executive

Working with diagnostics companies, biotech firms, and life-science organizations in laboratory operations, applications support, quality, and technical services.

Laboratory Analyst / Quality Control Executive

Managing analytical testing, validation, documentation, and quality systems in accredited laboratories and biomedical industries.

Clinical Research Associate (CRA) / Research Operations Executive

Supporting clinical trials, regulatory documentation, data management, and ethical compliance in clinical research organizations.

Doctoral (PhD) and Advanced Academic Pathways

Progression to PhD programmes in biochemistry, molecular biology, biomedical sciences, and related interdisciplinary fields in India and abroad.



Clinical **Facilities**



Hands-on biochemistry training empowering students to analyze samples precisely, observe molecular reactions, and develop critical laboratory skills essential for clinical diagnostics and research excellence careers.

Biochemistry students managing cold-chain samples, ensuring accurate labeling, safe storage, and quality control practices essential for reliable diagnostics, research integrity, and clinical laboratory excellence standards.



Student's Testimonials



"Pursuing my M.Sc. in Medical Biochemistry at Santosh Deemed to be University was truly transformative. The comprehensive curriculum, advanced laboratory facilities, and supportive faculty strengthened my research and analytical abilities. This experience has given me the confidence to step into the healthcare and research industry with clarity and purpose."

Dr. Nitin Patrick, Batch 2022-2023



"Santosh Deemed to be University truly shaped my journey in Medical Biochemistry. The hands-on lab sessions, research exposure, and constant guidance from mentors helped me grow both academically and practically. The supportive environment boosted my confidence and prepared me with the skills I need for a strong, successful career ahead."

Ahana Gautam, Batch 2022-2023



**Biochemistry team
managing sample
documentation,
patient coordination,
and quality records
for reliable
laboratory services
operations delivery**



Biochemistry students practicing sterile sample handling, accurate labeling, and biosafety protocols, developing essential clinical laboratory skills for diagnostics, research integrity, and patient-centered biomedical excellence careers.



Biochemistry students operating centrifuge systems, mastering sample separation, precision handling, and analytical accuracy, building essential laboratory competence for diagnostics, molecular research, and clinical excellence careers.

Admission Process

The students can opt for the Direct Admission process. The desired students can directly contact us for securing a seat in the program. For more details, kindly visit: admission.santosh.ac.in

- M.Sc. Medical Biochemistry degree is affiliated with Santosh Deemed to be University.

Program Offered

Program Name	M.Sc. Medical Biochemistry
Eligibility	MBBS/ BDS/ BMLT/ BOT/ BPT/ BMM/ B.Pharma/ BAMS/ B.Tech- Bio-Tech/ B.Sc. Nursing/ B.Sc. Life Sciences or Biosciences/ Physics, Chemistry, Botany or Zoology or equivalent degree with 50% aggregate marks
Program Duration	3 Years (6 Semester) CBCS Based Curriculum
Program Type	Regular Mode
Fee Structure	Rs. 1,94,540/-





Faculty-guided
biochemistry practicals
build analytical skills,
precision techniques,
and confidence
through hands-on
learning

Biochemistry
student practicing
precise pipetting,
quality analysis, and
laboratory accuracy
for reliable clinical
diagnostics.



Biochemistry student
operating automated
analyzers, ensuring
precision testing,
data accuracy, and
modern diagnostic
workflows.



Faculty mentoring
biochemistry students
through case
discussions, data
interpretation, and
research- focused
academic guidance
sessions.





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

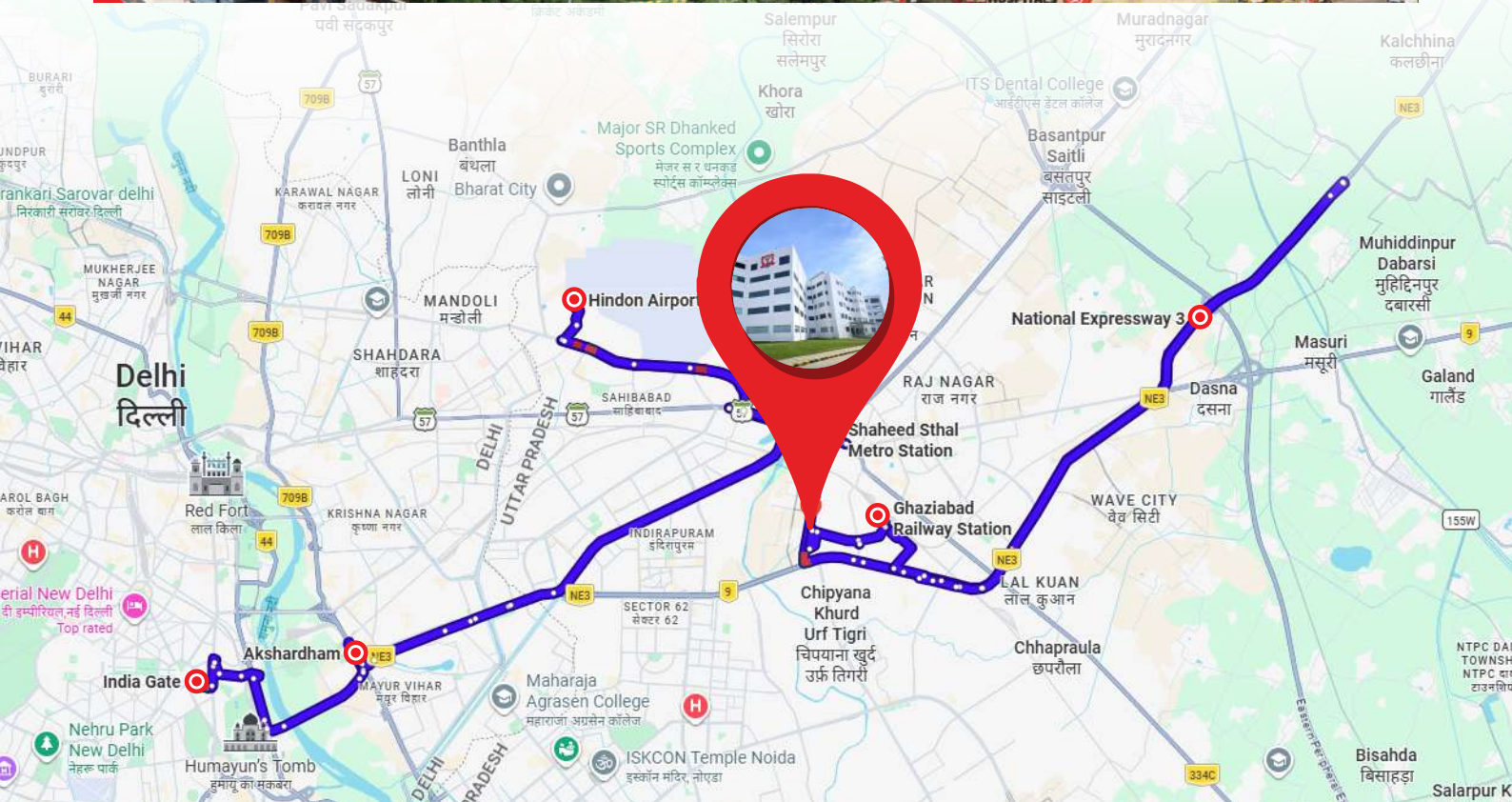
Hindon Airport,
Ghaziabad

4
Kilometres

Shaheed Sthal Metro
Station, Ghaziabad

2
Kilometres

Ghaziabad Junction
Railway Station



ADMISSION HELP DESK



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