



SANTOSH
Deemed to be University



Operation Theatre Technology

Excellence in Operation Theatre Technology Education



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.

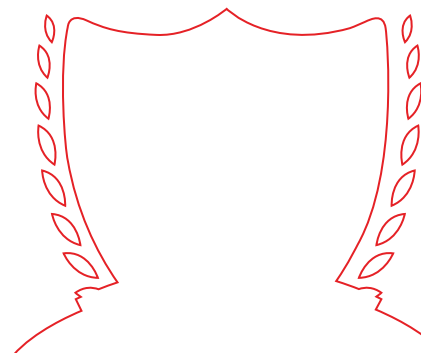


Holistic Development
of Students



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.

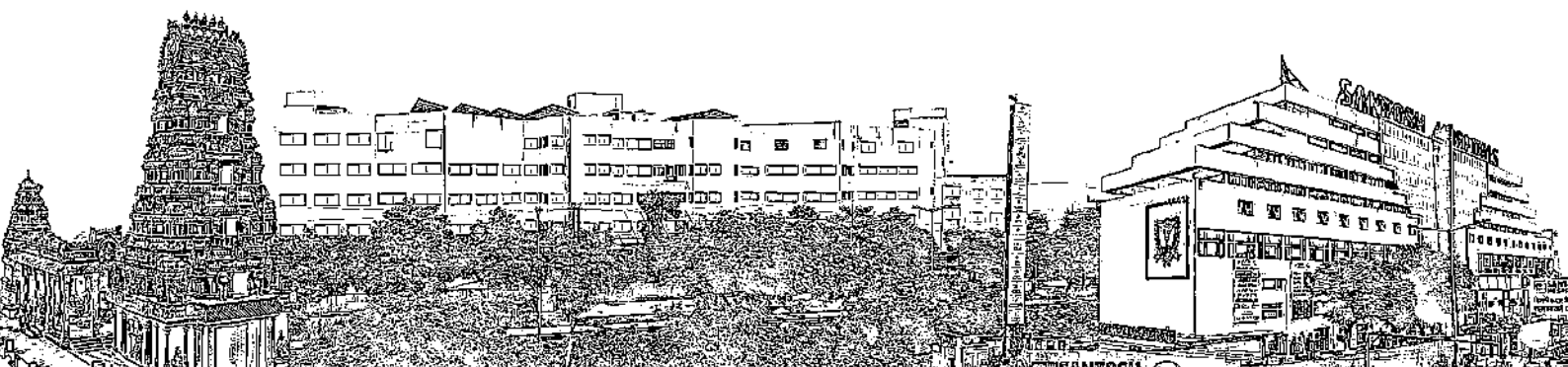
Allied health professionals have often been viewed as supporting roles. In reality, they are the building blocks of modern healthcare—enabling diagnosis, ensuring continuity of care, supporting recovery, and translating medical decisions into real patient outcomes. What no doctor can achieve alone is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



Dr Leena Goyal,
Professor & HOD - Department of Anaesthesia



I invite you to enroll in our Bachelor (BAOTT) and Diploma (DOTT) in Operation Theatre Technology programs. These courses offer a comprehensive curriculum, hands-on training, and exposure to advanced anaesthesia practices. With expert faculty and state-of-the-art facilities, we ensure a nurturing environment for academic and professional growth. Join us to become skilled OT professionals, ready to excel in the healthcare industry. Embark on a journey of excellence with Santosh Medical College, where quality education meets innovation in Operation Theatre Technology. We look forward to welcoming you!

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



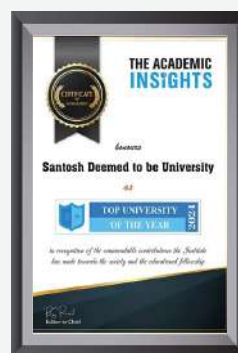
Only Dental College in India with a UNESCO Bioethics Chair



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



Ranked in 40-71 band in THE Impact Rankings 2024



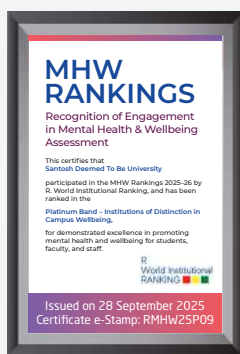
Awarded Top University of the Year-2024 by The Academic Insights



Ranked in 151-200 band in NIRF Rankings 2024



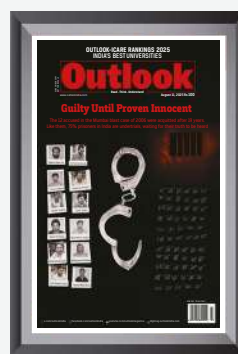
Ranked 8th in Top 28 Private Institutes - Medical in Outlook 2025



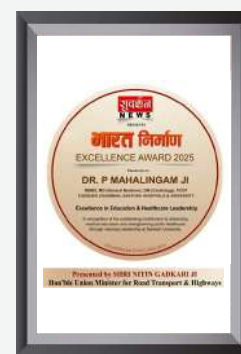
Platinum Band Recognition by R World Institutional Ranking



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**

Comprehensive, competency-based anaesthesia and operation theatre training with hands-on exposure in monitoring, sterilization, CSSD, and critical care, preparing graduates for safe surgery and multidisciplinary teamwork practice roles.

ANAESTHESIA

Anaesthesia & Operation Theatre Technology is a vital allied healthcare discipline that ensures the safe and efficient conduct of surgical and anaesthesia procedures in modern healthcare settings. The program is designed to develop technical competence, strict adherence to clinical protocols, and effective teamwork required in high-risk environments such as operation theatres and critical care units, with a strong emphasis on patient safety, infection control, and optimal use of medical technology.

At the bachelor's level, the program provides comprehensive professional training, integrating in-depth theoretical knowledge with extensive hands-on clinical exposure. Students undergo structured rotations in operation theatres, intensive care units, emergency departments, and sterile services units, enabling them to manage OT systems, assist in advanced procedures, and function as responsible members of multidisciplinary healthcare teams.

At the diploma level, the program focuses on building essential foundational skills for entry-level practice. Training emphasizes patient preparation and monitoring, sterilization and CSSD practices, and supervised assistance during surgical and anaesthesia procedures, preparing graduates to effectively support surgical teams across diverse clinical settings.



Course Insights



Operation Theatre Handling Knowledge and Skills



Standard Operating Procedures & Protocols



Learn from experienced medical professionals and surgeons.



Clinical rotations in OT, ICUs, and emergency care units for real-world experience



Operate and maintain anaesthesia machines, monitors & surgical tools.



Covers surgical procedures, anaesthesia techniques, sterilization & infection control

Course Curriculum

Year	DOTT - Focus Areas - 2.5 Years (As per NCAHP Guidelines)
1 st	Develops foundational knowledge in basic medical sciences, operation theatre principles, infection control, sterilization methods, basic anaesthesia concepts, & patient safety practices.
2 nd	Trains students in anaesthesia assistance, patient monitoring, operation theatre equipment handling, CSSD operations, emergency support, and supervised clinical exposure in OT and critical care settings.
6 Month Internship	Intensive hands-on clinical training in operation theatres, ICUs, emergency units, and sterile services departments to build practical competence and professional readiness.

Year	BAOTT - Focus Areas - 4 Years (As per NCAHP Guidelines)
1 st	Builds a strong foundation in basic medical sciences, anatomy, physiology, microbiology, principles of anaesthesia, operation theatre orientation, and professional ethics.
2 nd	Develops core competencies in anaesthesia technology, patient monitoring, pharmacology basics, infection prevention, sterilization protocols, and operation theatre instrumentation.
3 rd	Trains students in advanced anaesthesia procedures, critical care technology, ICU management, emergency and trauma support, and multidisciplinary clinical practice.
4 th Internship	Provides extensive clinical rotations in operation theatres, ICUs, emergency services, and CSSD, focusing on independent practice, patient safety, and professional readiness.



Ensuring patient safety through precision monitoring, expert airway management, and seamless teamwork during advanced minimally invasive surgical procedures.

Career Prospects

Anaesthesia & Operation Theatre Technologist

Support peri-operative care by preparing and maintaining operation theatres, assisting anaesthesia and surgical teams, and ensuring patient safety throughout surgical procedures.

Anaesthesia Technology Support Specialist

Assist in anaesthesia delivery, airway management, patient monitoring, and operation of anaesthesia workstations and life-support systems during surgeries and procedures outside OT settings.

Critical Care & ICU Technologist

Manage and operate critical care equipment such as ventilators, monitors, infusion pumps, and defibrillators in intensive care units and high-dependency areas.

Central Sterile Services (CSSD) Professional

Handle sterilization, disinfection, packing, storage, and distribution of surgical instruments and linen in accordance with infection control and hospital protocols.

Emergency & Trauma Care Support Professional

Provide technical and clinical assistance during emergency situations, trauma care, disaster response, and patient transport services.



Clinical Facilities



Hands-on Operation Theatre Technology training showcasing sterile teamwork, precise instrumentation handling, anaesthesia coordination, real-time monitoring, patient positioning, safety protocols, and efficient surgical workflow management skills.



Student's Testimonials



"Studying Operation Theatre Technology at Santosh Deemed to be University was a truly life-changing experience. Hands-on clinical training, expert faculty guidance, and real-time exposure in advanced OT setups prepared me for a rewarding healthcare career. I now feel confident, competent, and professionally skilled."

Deepika, DOTT 2021-2022



Studying at Santosh University equipped me with practical skills and confidence to perform in high-pressure operation theatre environments. The internship at Santosh Hospital was invaluable, offering real clinical exposure. Today, I am a skilled, dedicated OT professional, ready for healthcare challenges of the future, confidently.

Harsh, DOTT 2021-2022



Anesthesia team coordinates sterile preparation, vigilant monitoring, and airway management ensuring patient safety during complex surgical procedures.



Interactive classroom session for Operation Theatre Technology students, building strong theoretical foundations, clinical protocols, patient safety awareness, teamwork skills, and professional readiness for practice.

Operation Theatre Technology students engage in laboratory-based learning, strengthening anatomy knowledge, aseptic practices, equipment handling, teamwork, documentation, and clinical decision-making skills for safe surgeries.



Admission Process

Eligible candidates may apply through the University Direct Admission process. Admission is open to candidates who fulfil the prescribed eligibility criteria, as per the National Commission for Allied and Healthcare Professions (NCAHP) regulations. For seat availability and admission formalities, applicants may contact the University directly or apply online. For more details, please visit: <https://admission.santosh.ac.in>

The Diploma and Bachelor of Anaesthesia & Operation Theatre Technology (AOTT) programme is offered by Santosh Deemed to be University, in accordance with the National Commission for Allied and Healthcare Professions (NCAHP) curriculum and regulatory framework. For further details visit <https://ncahp.abdm.gov.in>

Program Offered

Program Name	Eligibility	Program Duration	Program Type	Fee Structure
Diploma in Anaesthesia and Operation Theatre Technology (D.AOTT)*	Passed 10+2 or equivalent, Physics-Chemistry-Biology as compulsory subjects, minimum 50% aggregate marks (relaxation as per Government norms).*	2.5 years (includes 6 months internship)	Regular Mode	Rs. 1,51,000/-
Bachelor in Anaesthesia and Operation Theatre Technology (B.AOTT)*	Passed 10+2 or equivalent from a recognized Board/University, Physics-Chemistry-Biology as mandatory subjects, minimum 50% aggregate for Open category and 45% for Reserved category.*	4 years (includes 1 year internship)	Regular Mode	Rs. 2,50,000/-

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



Expert anesthesia team ensures airway control, patient safety, and seamless surgical support throughout procedures.

Surgical team performing precise intraoperative care, ensuring safety, sterility, monitoring and successful patient outcomes.



Multidisciplinary surgical team collaborating under sterile conditions, ensuring patient safety, precision, and continuous monitoring.



Anaesthesia team ensuring airway control, vigilant monitoring, precise sedation, and patient safety throughout surgery.





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

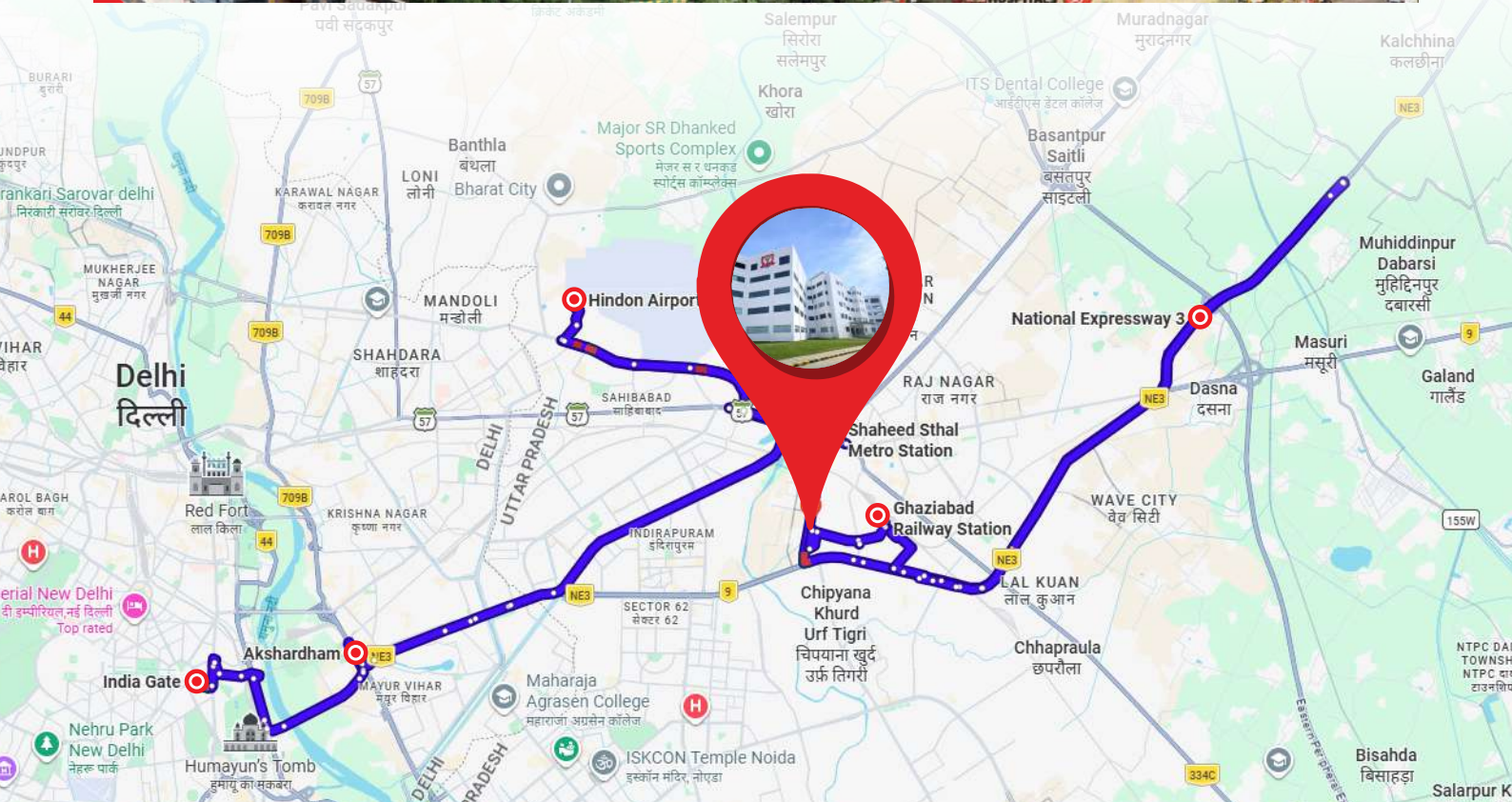
Hindon Airport,
Ghaziabad

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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