



CASE STUDY

Transforming Clinical Education Through Simulation

Institute of Dental Studies & Technologies
— A Success Story with SIDDH Simulator

Institution Snapshot



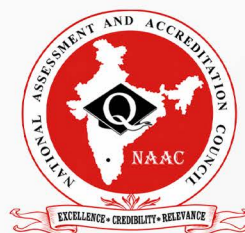
Modinagar, Ghaziabad,
Uttar Pradesh



Established
in 2001



Atal Bihari Vajpayee
Medical University
Affiliated



NAAC
Accredited



Approx. 500 UG,
90 PG students



105+ dental &
medical faculty



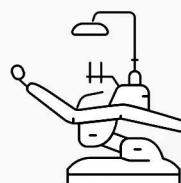
BDS, MDS —
Dental & related
programs



Physiology,
General Medicine,
Dental Specialities
Departments



SIDDH
Purchased
in 2025



300+ dental chairs,
100-bed hospital,
CBCT, Anatomage

The Challenge — Before SIDDH

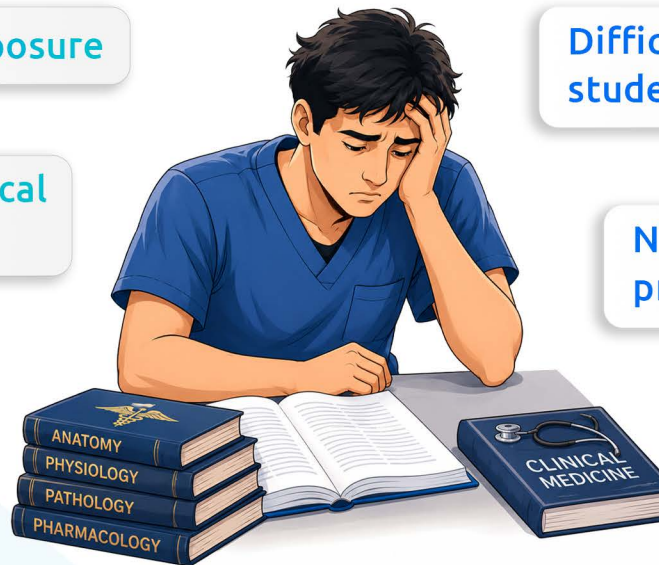
Limited Clinical Exposure

Imaginary/theoretical learning

Dependence on patient availability

Difficulty assessing students objectively

No standardised practical training



"Every medical condition was taught in an imaginary way."

Why They Chose SIDDH

Advanced technology — real-time physiology visualization

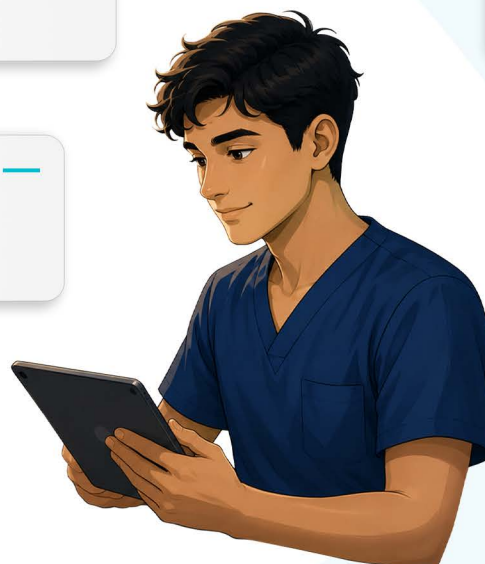
Realistic simulation — life-like vitals and scenarios

Ease of use — intuitive faculty interface

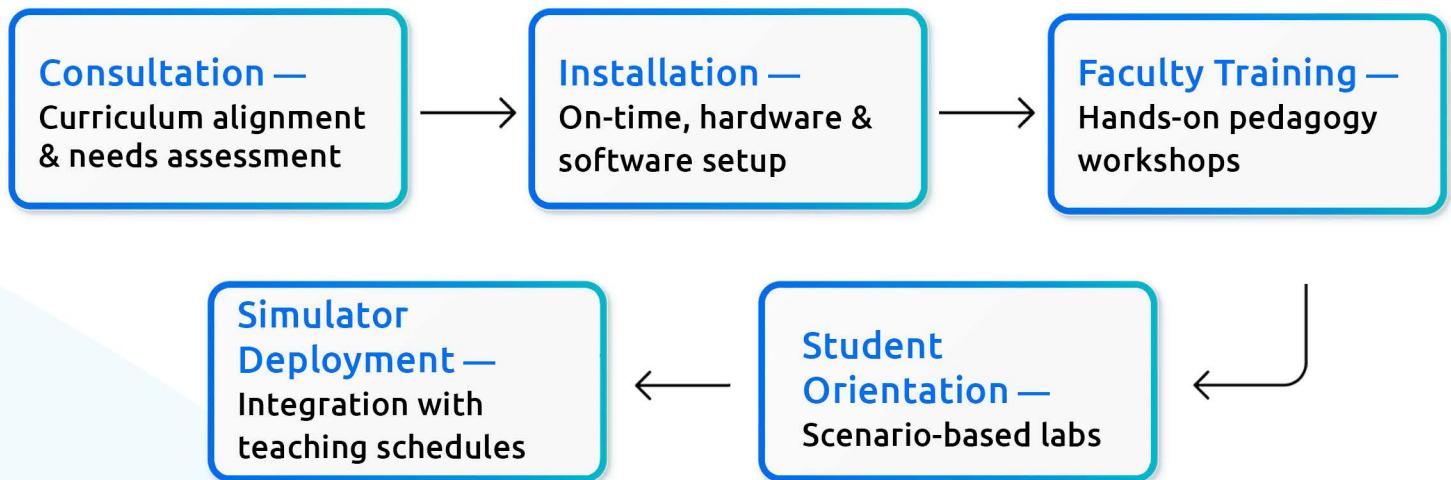
Product demonstration convinced faculty and leadership

Strong technical support & onboarding

Brand reputation and demonstration



Implementation Journey



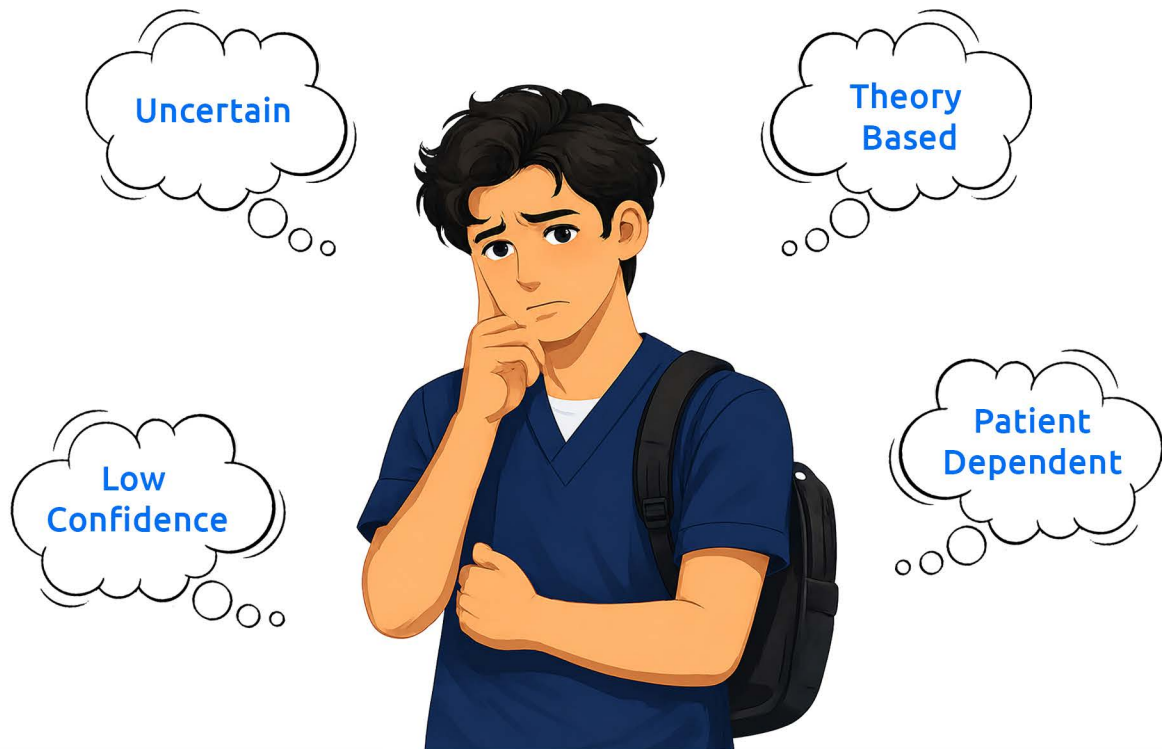
From Observation to Real Clinical Understanding



"It helps students identify patient vitals, recognise clinical manifestations and practise scenarios that were previously patient dependent."

Student Transformation

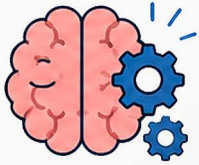
❌ BEFORE



✅ AFTER



Empowering Educators



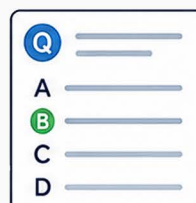
Makes teaching
engaging



Creates
life-like
learning



Improves
classroom
interaction



Better student
understanding
and assessment

"Excellent teaching tool for making students understand by simulating a life-like experience."

Institutional Outcomes

250+

Learners impacted
(annually).

100%

Self-reported confidence
improvement.

Measured gains

ECG interpretation
improvements.

Collaboration

Multi-disciplinary team
coordination.

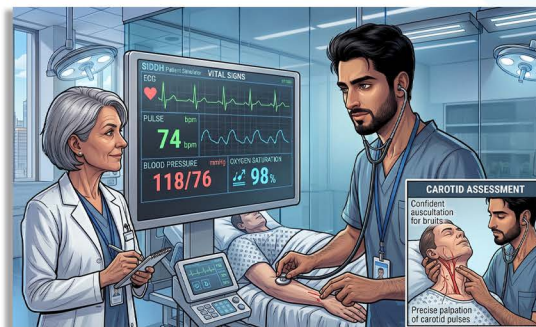
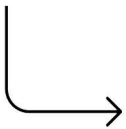
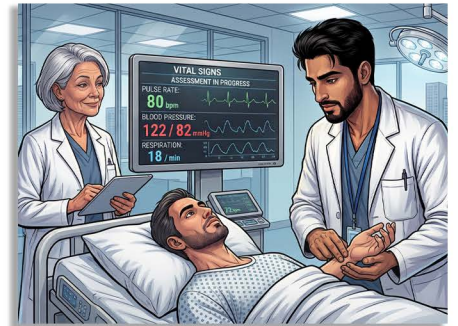
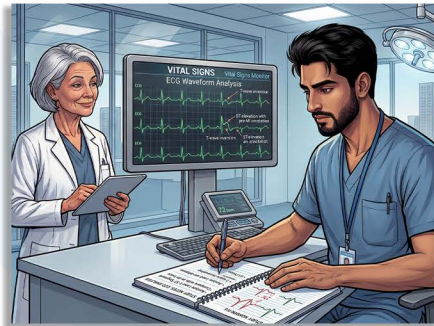
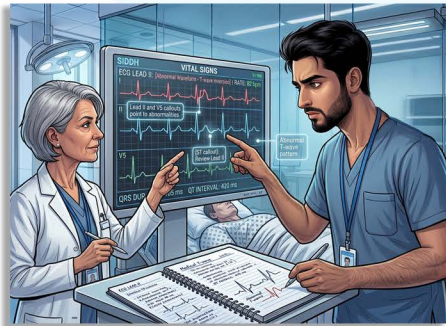
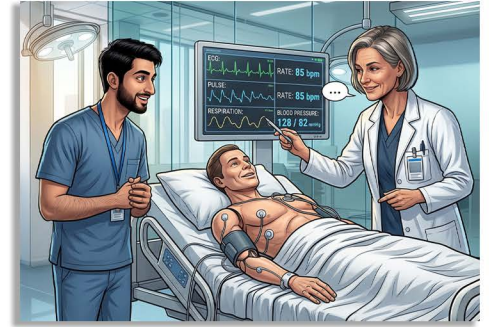
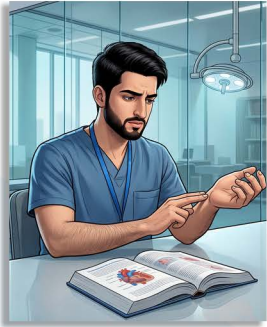
Improved ACLS/BLS

Significant — curriculum
-aligned outcomes.

Increased

Clinical readiness for
patient exposure.

Success Story



"The SIDDH Simulator has transformed our clinical training. A student who once struggled to measure his own pulse can now identify cardiac disorders by reading ECG and other vital signs. This is the impact we needed."

— Dr. Achint Juneja, Principal, IDST Modinagar

Dr. Vikram Gandhi

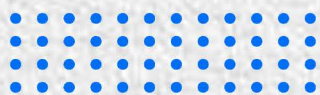
Founder, IDST Modinagar



“SIDDH has made physiology learning engaging and interactive. We've experienced almost 100% attendance in physiology classes, and students are always keen to do hands on practice on SIDDH after or during their physiology lectures.

— Dr. Vikram Gandhi

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SIDDH has played an important role in improving my studies - it provides well-structured, easy to understand content and saves time.

— Ankit Kaushik, BDS 1st Year,
IDST Modinagar

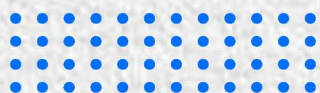
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SIDDH feels like working with a real patient, helping us practice clinical skills, build confidence, and prepare for real-life patient scenarios.

— Khushi Yadav, BDS 1st Year,
IDST Modinagar

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SIDDH feels like working with a real patient, making learning much more practical and interactive for me. It helps me understand and practise important clinical skills such as CPR, defibrillation, and neurological assessment in a safe environment.

— Prithviraj Singh, BDS 1st Year,
IDST Modinagar

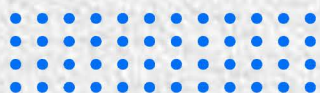
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Over the past six months, SIDDH has helped me better understand human physiology. Its realistic simulation of vital functions, including heart rate, blood pressure, and breathing, makes learning more practical and engaging.

— Khushi Gobari, BDS 1st Year,
IDST Modinagar

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SIDDH is a mannequin that supports clinical insights and medicine-based studies in day-to-day learning. It also helps students explore behavioural aspects that may not be visible in real-life scenarios.

— Anirudh Bhati, BDS 1st Year,
IDST Modinagar

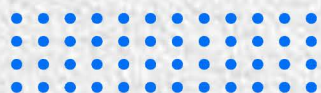
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SIDDH is very helpful to us in learning physiology and it is a very difficult subject if only learnt theoretically and not performed practically. It can help us in many clinical conditions as it can easily mimic how a real person react in several medical conditions.

— Ayaan Ali, BDS 1st Year,
IDST Modinagar

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Results Summary

Overall Satisfaction	Very Satisfied
Recommendation Score	High
Institution Readiness	
Student Engagement	
Faculty Satisfaction	
Clinical Skills	
Confidence	

Executive Conclusion



Clinical Confidence

Reproducible simulated exposure
before live patients



Simulation-based Education

Standardized, assessable scenarios



Faculty Empowerment

Better teaching outcomes and
assessment



Clinical Confidence

Reproducible simulated exposure
before live patients



Future-ready Training

Scalable and Curriculum-aligned



Shape the Next Generation of Healthcare Professionals



☎ +91 - 92051 39007

✉ info@mavericksimulation.com

🌐 www.mavericksimulation.com