

Samartha

Uniting Knowledge & Skills: Learn, Practice, Master



Empowered By

MEDITORCH

Samartha is a dedicated skills lab that provides comprehensive hands-on training and practice for a diverse range of practical skills in a realistic setting.

Samartha stands out as **INDIA'S FIRST & ONLY** provider of a **comprehensive end-to-end solution**, revolutionizing skill development in the country. We offer explicit learning experiences, intricately designed lab setups, and seamless day-to-day management, setting a **new standard in the industry**.



BUILDING A STRONG FOUNDATION WITH SAMARTHA'S UNIQUE END-TO-END SOLUTION

The effectiveness of skill development is diluted amidst the challenges and frustrations of sourcing equipment, curating content, evaluation and other daily operations.

Samartha Skills Lab provides an unfragmented learning experience by building a strong foundation on four pillars-



1. ROBUST EQUIPMENT

 Equipment is the **core pillar** of any skills lab.

**NMC Norms for equipment in a skills lab
(Medical Colleges with 100 UG Students)**

| EQUIPMENT | NUMBER |
|---|--------|
| VARIOUS INJECTIONS, IM, IV-LIKE ARM, GLUTEAL REGION | 5 |
| CATHETER INSERTION | 4 |
| SKIN SUTURING | 5 |
| NORMAL DELIVERY + PELVIC TRAINERS | 4 |
| CPR | 4 |
| TRACHEAL INTUBATION | 4 |
| BREAST EXAMINATION TRAINER | 2 |
| WHOLE BODY MANIKINS | Varies |

 Through Samartha we provide a wide range of equipment including



Anatomical Models: Skull, Brain, Eye, ENT, Heart, Lungs, Muscle, Skeleton, Spine, Torso, Vertebra, Joints, Breast, Pelvis & Genitals, Head, Dental, Pregnancy, Urology. Nervous System, Digestive System, Skin, Ortho, etc

Medical Simulators: Low, medium, and high-fidelity simulators are available to cater to the varying complexity of skills to be taught. Patient Monitor, Auscultation, Laparoscopy, ALS, ATLS, BLS, Airway Management, Birthing, Emergency Rescue, Wound, Surgery, TCCC Training, TEE, etc.



Task Trainers: Nursing Skills & Patient Care, IV, OBGYN, Clinical Skills, IM, Ultrasound, Health Education, etc

Learning Material: Charts, Videos, Books, Manuals, etc.



Other Equipment: Patient Bed, OT Table, OT Lights, Autoclave Patient Monitor, Ventilator, etc.

Virtual Reality Simulators: Angio, Ortho, Broncho, GI, Lap, Pelvic, PERC, Robotic, Spine, Uro, Ultrasound, etc.



2. CONTENT CAPSULE

A content capsule is a comprehensive resource that facilitates effective communication of educational goals, identifies learner deficiencies, and assesses their readiness to apply knowledge and skills in real-world scenarios.



Key Features:

Curriculum & Content:


Samartha's **Learning Management System (LMS)** offers an extensive library of teaching materials meticulously designed by subject experts. With a focus on catering to diverse skill levels, our LMS covers both fundamental and advanced skill sets. To enhance training effectiveness, our materials incorporate engaging audio-visual components, ensuring comprehensive learning experiences in the skills lab.

Hands-on Training:

The content capsules provide **step-by-step** guidance for practical procedures and processes. Learners receive **immersive hands-on training** that enables them to gain **practical experience** and **build confidence** in their abilities.

Objective Evaluation Scale:

Tracking actual progress is crucial, which is why we employ a definitive evaluation scale. Through Samartha, we incorporate **the Objective Structured Clinical Examination (OSCE)** pattern into each training module. This assessment method allows you to objectively measure the effectiveness of acquired skills and identify areas for improvement.

 **By utilizing Samartha's content capsules, learners can effectively grasp educational objectives, address any skill gaps, and enhance their preparedness to apply their knowledge in real-world situations.**

3. INFRASTRUCTURE AND DESIGN

Infrastructure and design in a skills lab are crucial for creating an effective learning environment, ensuring safety, optimizing resources, promoting flexibility, integrating technology, and preparing learners for real-world challenges.

NMC Norms for skills lab infrastructure (Medical Colleges with 100 UG Students)

- A minimum of 4 patient examination rooms (preferably 8) equipped with an audio-visual facility.
- A room for skill demonstration for small groups.
- A review or debriefing area.
- Cubicles of suitable dimensions for practising skills individually or in groups.
- A room with sufficient storage space for trainers, mannequins and other equipment.
- A room for the faculty coordinator and the support staff.



Through Samartha, we provide **complete guidance and advisory services** by **experienced consultants** to assist in the design and infrastructure processes.



Our **services are customizable** to create a facility that optimally aligns with your training needs, available space and infrastructure and is compliant with **NMC Norms**.

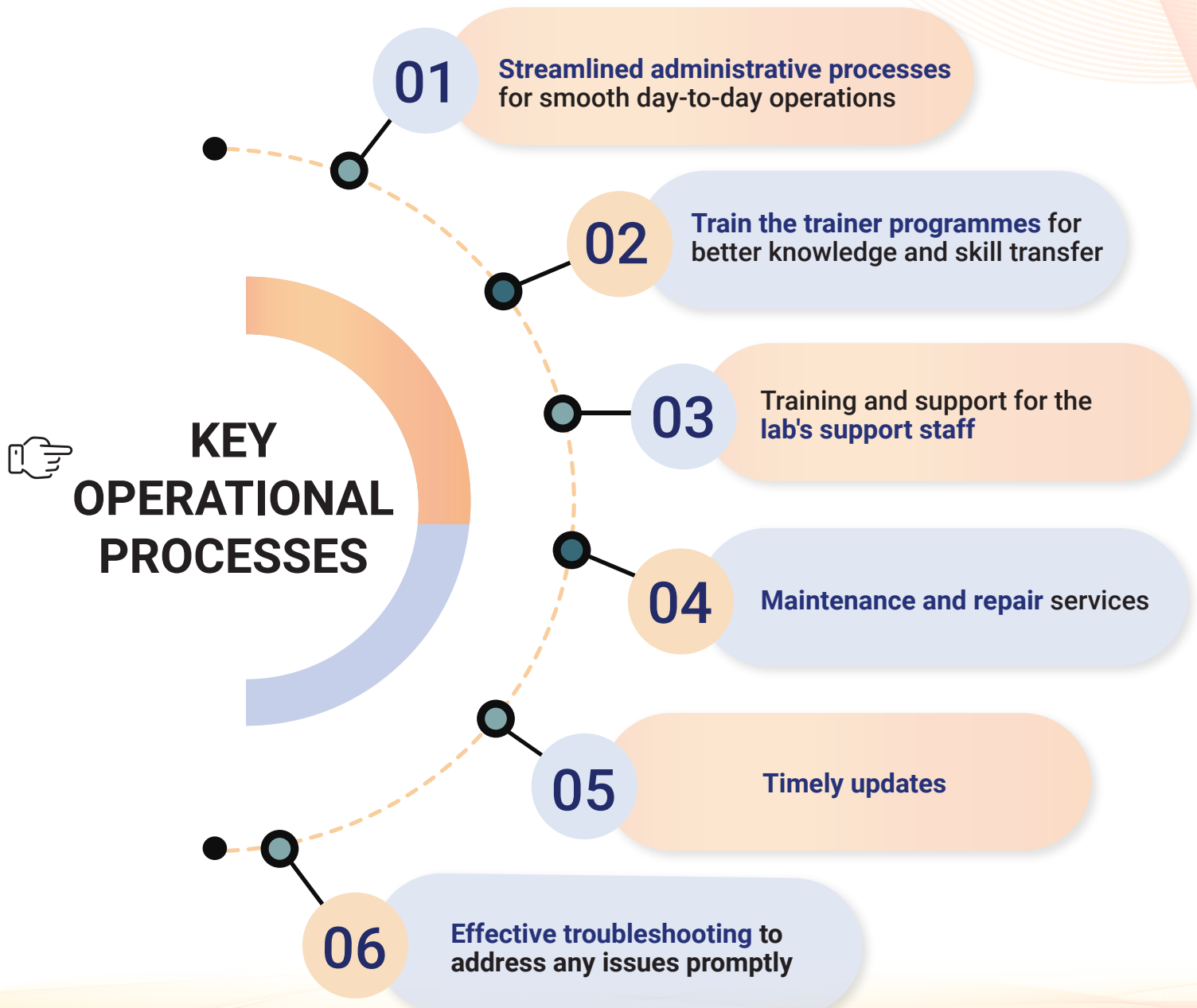
4. EFFICIENT OPERATIONS



Inefficient operational processes are the main hindrance to the optimal utilization of a skills lab, impeding its overall effectiveness and success.



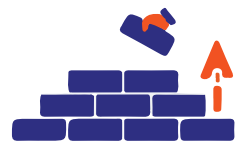
A well-executed operational process through Samartha, maximizes the utilization of the skills lab, ensuring efficient resource management, smooth training delivery, safety compliance, quality assurance, and learner satisfaction.



SAMARTHA SKILLS LAB: AN ABSOLUTE VALUE FOR MONEY ASSET



With **Samartha**,
we can support you in building the entire foundation



or



strengthening any weak pillars of your skills lab, ensuring
a solid framework for effective training and development

SATELLITE SKILLS LAB

An Initiative of Meditorch & Healing Edge Healthcare.

Skills Lab is widely recognized for revolutionizing healthcare education & is a mandate for every medical institution. Following this institutional training, practising doctors and the paramedical staff mostly rely on a self-designed program of self-study and skill development to keep up with the dynamically evolving clinical techniques.

To **improve the consistency and accuracy** of this process, a **Satellite Skills Lab** can also be used as a **centre of learning for practising doctors, nursing and paramedical staff**.

Satellite Skill Labs whether privately established or as an extension of institutional skills lab facilities, provides an optimal environment for continuous professional growth. It offers the added advantage of utilizing **Corporate CSR Grants** for efficient setup & implementation.

Experience a new paradigm of professional development with Satellite Skills Lab, where excellence in healthcare education meets the ever-evolving demands of medical practice.



Satellite Skills Lab

Empowering Healthcare Professionals at Every Step with Ever-Evolving Practices on the Way

With Samartha, We'll Handle it All!

Customized Infrastructure
Design, Planning &
Implementation



Initial Consultation-
Needs Assessment &
Gap Analysis



Equipment Procurement
& Setup

Content Capsule
Deployment



NMC Compliance
Verification



Operational Process
Optimization



Continuous Support
& Evaluation



Effortless Excellence Within No Time

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Choose Samartha, India's 1st & Only End-to- End Skills Lab

Build a Rock-Solid Foundation

for Empowering Learners, Transforming Institutions & Shaping the Future of Healthcare.