

A leading company in India **Specialized** in a **Diversity** of Turnkey Design Build Solutions for **Modular Operation Theatres** & providing full-fledged design & Integration facilities to **Hospitals, Medical Centres, IVF and Healthcare Facilities in Modular Construction.**



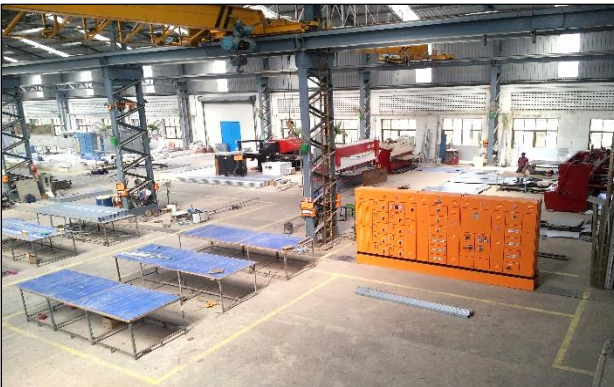


About Us

Aastha Medical Technologies Pvt. Ltd. has successfully established ourselves as a distinguished organization because of its premium quality products, timely services and cost-effectiveness. Our products are supplied to Private Hospitals, Corporate Hospitals, Medical Colleges and Medical Institutes.

The attributes behind our success is the state-of-the-art production facilities, quality management system, extensive R&D and customer oriented approach. Furthermore, we are dynamic enough to meet the ever changing requirements of global markets.

Our Manufacturing Unit



Our Mission

“Our mission is to provide quality clean room facilities and laminar flow equipment designed to exceed industry standards and to achieve complete customer satisfaction and lasting success.

Our promise to our customer is that “you will always come first”

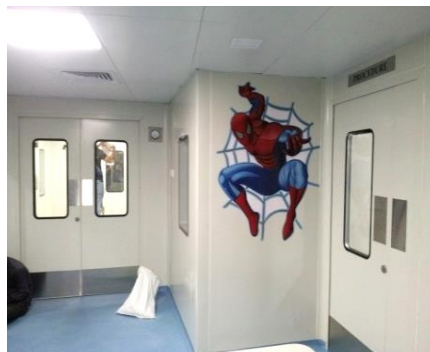
Our goal is to build a relationship with our customer through successful projects not just “make a sale”.

Our Vision

“To be the Turnkey Solution Provider for both Healthcare & Pharma sectors, by delivering the customer focussed and reliable service as per the International standards”.

We are proud to be **ISO 9001:2015, ISO 14001:2015 & ISO 13485: 2016 accredited.**

Our clean rooms are **CE Marked** to show they meet the requirements of EC directives.



**Lokmanya Tilak Municipal
General Hospital**

Sion, Mumbai

Our Product Range



Modular Panels



High Pressure Laminate



Doors & Windows



Laminar Air Flow Systems



Air Handling Units



Pass box



Vinyl Flooring



Epoxy Flooring



OT Light



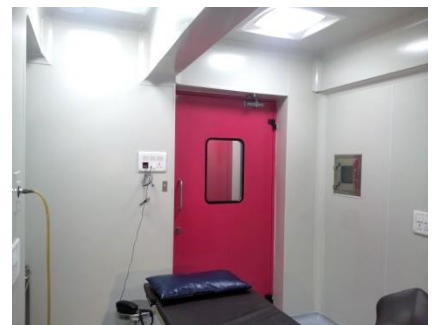
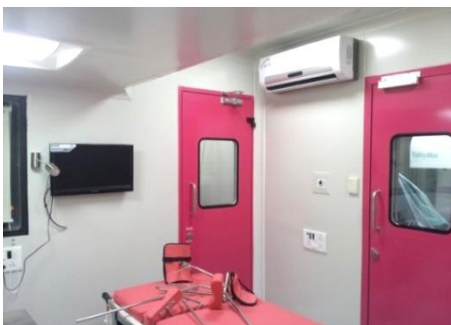
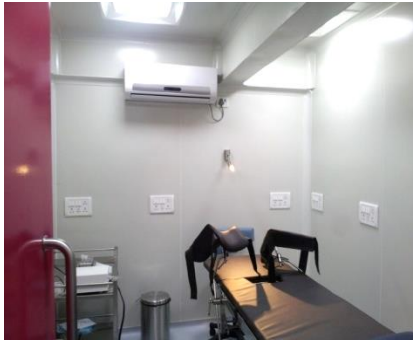
Scrub Sink



Pendant



Surgeon Control Panel



What is NABH ?

National Accreditation Board for Hospitals & Healthcare Providers (NABH) is a constituent board of Quality Council of India (QCI), set up to establish and operate accreditation programme for healthcare organizations. The board while being supported by all stakeholders including industry, consumers, government, have full functional autonomy in its operations.

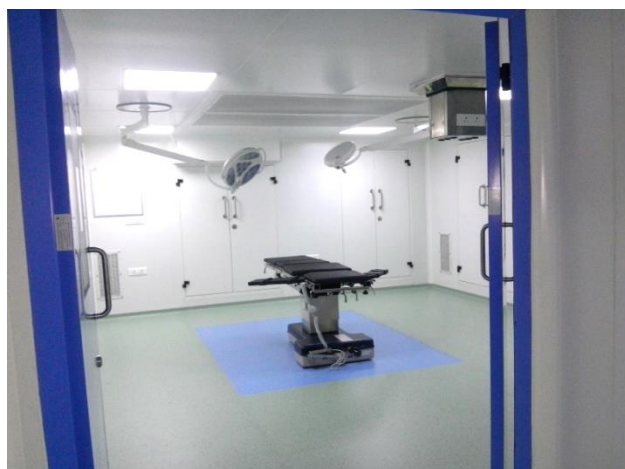
What is Accreditation ?

A public recognition of the achievement of accreditation standards by a healthcare organization, demonstrated through an independent external peer assessment of that organization's level of performance in relation to the standards.

Mark of Excellence



Our Modular Operation Theatre as per NABH Norms





Modular Operation Theater

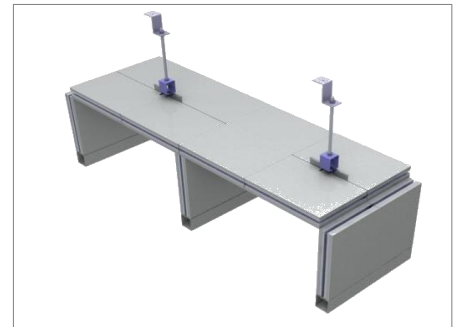
The most complex and challenging area of hospital construction is the operating department.

Modular Operation Theatre is a creative concept for a state of art technology in Medical Environment. The pre-engineered modular Operation Theatre solves the problem of infections. Creative modular OT is a finished steel structure with joint less sterile coating providing high quality finish. Pre-fabricated modular OT offer the advantage of speedy construction, high quality finish in prevention of contamination build up, long durability, robust and flexibility design for future expansion, ease of maintenance etc.

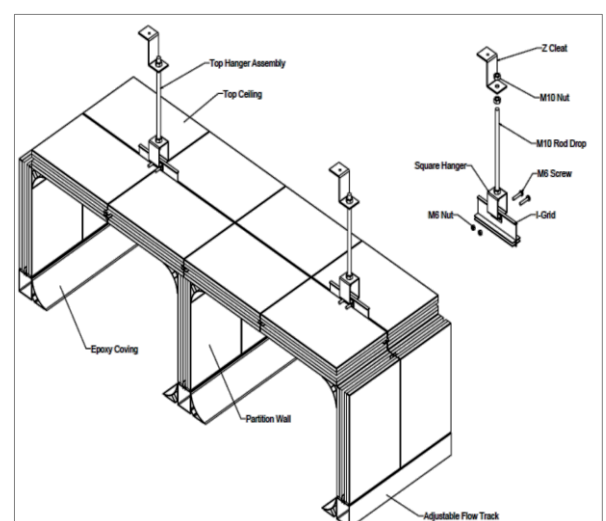
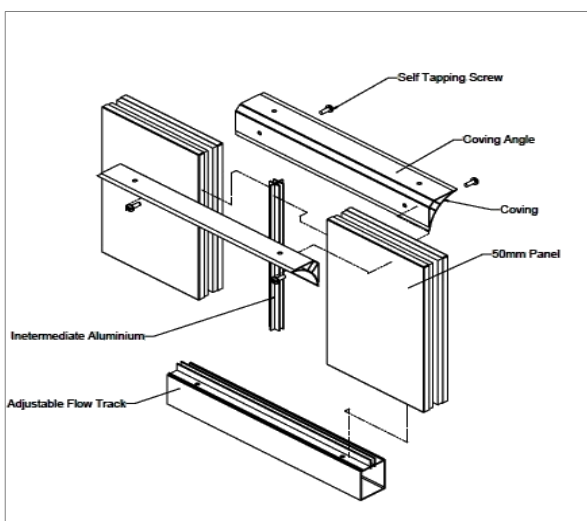
Modular Operation Theatre Features

A continuous flow of highly filtered 'bacteria-free' air is re-circulated under positive pressure into the operating area and air contaminants generated during surgery are removed from the Operation Theatre. It is a Seamless design. Easy to clean steam cleaned, electrometric (ideal for high humidity areas) Vapor permeability (allows substrate moisture to escape) protects against growth of bacteria, mold and yeasts. It is Moisture resistance, freeze and thaw resistance.

Panel Thickness	50 mm, 80 mm, 100 mm – Standard 30 mm, 150 mm, 200 mm – Non Standard
Infill Material	Anti-combustion PUF, Rockwool
Material of Construction	Pre Painted Galvanized Sheets (PPGI) Powder Coated Galvanized Sheet (PCGI) Stainless Steel (S.S.304) High Pressure Laminate (HPL)



We do not require any supporting structure from wall as it is a standalone system (100% modular i.e. detachable, re-locatable, reusable) the panels are erected with minimum space between the wall & panels of approx ½" if cladding is required . We use a raised aluminum square profile for panel support.



Doors

Cleanroom doors facilitate the highest standard of hygiene for clean room environment in industries like pharmaceutical, bio-technology, Micro-electronics, Semi-conductor industry, hospitals, Food and Dairy Industry. These fully flush doors are produced in Galvanized steel, Aluminium and Stainless Steel with wide range of door hardware in stainless steel, aluminum material.

Aastha provides a wide variety of doors to Pharmaceutical & Healthcare sectors.



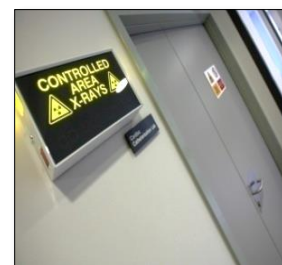
Flush Metal Doors



Sliding Doors



Stainless Steel Doors



Lead Lined Doors

High Pressure Laminate Panels & Doors

HPL is considered to be one of the most durable decorative surface materials and is available with special performance properties including chemical, fire and water resistance. HPL panels are manufactured on CNC Machinery by our skilled professional team.

Advantages :-

- 1) Available in different colours.
- 2) Anti Fungal / Anti Bacterial
- 3) Easy to Clean
- 4) Long Lasting
- 5) Easy to Relocate
- 6) Resistant to Scratch
- 7) Ability to carry concealed services and Return air Ducts / Risers



Double Glazed Windows

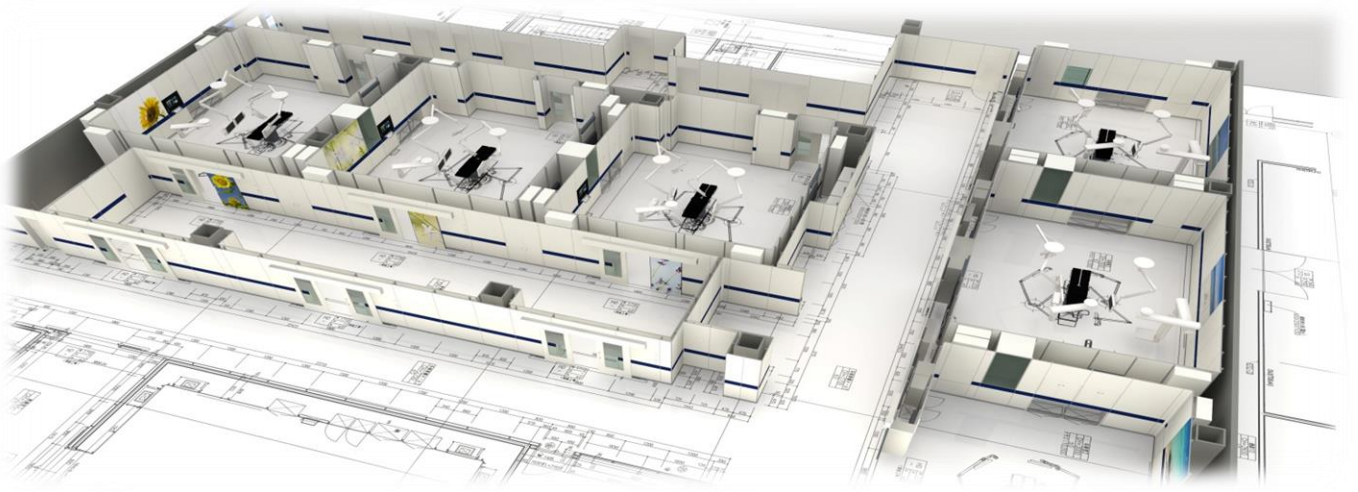
The double glazed windows unit can be fixed in window openings made in walls having thickness ranging from 150 mm to 400 mm or more. The Aluminum sheets may have dull, anodized or powder coated finish.

Anodized finish from 10 to 20 micron in 8 colors. Epoxy/Polyester powder coated finish in more than 50 more colors.

The window frame shall then be lined on both the faces with 5-mm plain float glass or toughened glass with the help of double sided adhesive tape .



Conceptual Layout



Design & Engineering Solutions

Interior	HVAC	Equipments	Solutions
Modular Walls	Standard AHU	Anaesthesia & Surgeon Pendant	Modular Operation Theatre
Modular Ceiling	Advance AHU	Bed head Units	IVF Facility
Modular Cladding	Semi AHU	Scrub Station	Modular ICU
Hermetical Sealed Door	Condensing Unit	OT Surgical Light	Modular PICU
Hermetical Window	Positive Pressure System	Sterile Cabinet	Modular NICU
Vinyl Flooring	Laminar Air Flow	X - Ray Viewer	Modular Bio Safety Labs
Epoxy Flooring	Return Air Risers	Pass Boxes	Stem Cell Research Labs



Interior



HVAC



Equipments



Solutions





HVAC Solutions

Cleanrooms operate under very strict internal air conditions that require HVAC systems to not only provide close-band temperature limits, but also humidity control and very high efficiency filtration. The HVAC systems are to delivery air change rates that are far in excess of normal atmospheric conditions & to ensure a low particle count for applications such as high quality product manufacture or scientific and medical research.

Air Handling Unit – AHU

An Air Handling Unit (often abbreviated to AHU), is a device used to condition and circulate air as part of a heating, ventilation, and air-conditioning (HVAC) system. An AHU is usually a large double skin metal box containing a blower, heating and cooling elements filter(s) racks or chambers, sound attenuators, and dampers. AHU will be connected to a ductwork ventilation system that distributes the conditioned air through the building and returns it to the AHU.



Semi AHU

SEMI AHU is also unique for its innovative double layer casing structure. Double layer panels are tightly fixed onto a strong aluminum alloy frame with engineering plastic junction.



HEPA Filtration

Clean rooms utilize high efficiency absolute (HEPA) filters with 99.97% filtration efficiency at 0.3 microns. HEPA stands for High Efficiency Particulate Air. The HEPA filters work on diffusion principle to remove particulate matter. The filters are preferably sited within the terminals of the ducted HVAC system, ensuring maximum cleanliness of air within the room.



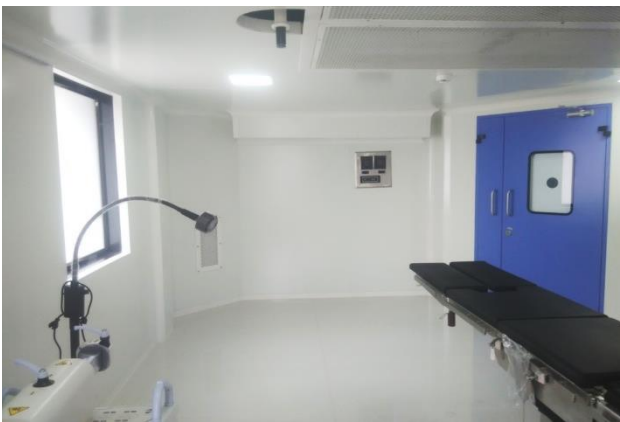
Project Album



Sai Ashirwad Hospital – Mumbai, Maharashtra



Vardann Multi Speciality Hospital – Mumbai, Maharashtra



Krishna Hospital – Nalasopara , Maharashtra

Equipments

Pass Boxes

Static Pass Box & Dynamic Pass Box

It is mainly applied to the goods transfer between two classified zones, preventing the cross contamination due to air circulation. The possibility of contaminating the cleanroom can be minimized & the cleanliness of the cleanroom can be maintained.

- Stainless steel or Galvanized Powder Coated
- Mechanical or electronic interlocked doors, making sure the two doors can't be open at the same time, which in order to prevent cross-ventilation
- Efficiency: 99.99%
- Customized sizes,
- We can offer special requirement for the filters as per our clients



Surgeon's Pendant

M.S. powder coated ceiling suspended unit with Extended Arm of 600 mm with rotation of 240 degrees.

Console size (H) 900 mm, (W) 250 mm, (D) 150 mm
With 3 Feet vertical rails on both sides of the console.
With 6 Trays for keeping accessories on vertical rail and provision for gas outlet and electrical switches.

Anesthesia's Pendant

MS powder coated ceiling suspended unit with rotation of 240 Degrees.

Console size of (H) 600mm, (W) 250mm, (D) 150mm. with 2Ft vertical rail on both sides of console included monitor tray, storage basket, saline stand on vertical rail. With complete provision for Gas outlets & electrical Switches in it.



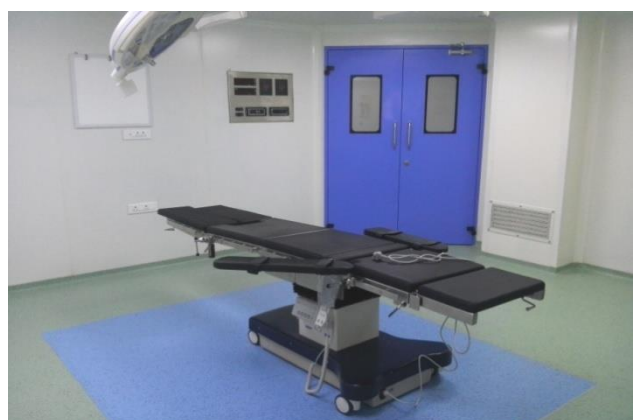
Project Album



Nandadeep Eye Hospital – Kolhapur, Maharashtra



Vision Hospital – Mapusa, Goa



Thane Healthcare Hospital – Thane, Maharashtra

Project Album



Eldoret Hospital - Kenya



Anideep Eye Hospital - Vile Parle, Maharashtra



Rotary Eye Institute – Navsari, Gujarat

Before Installation



After Installation



Fortis Hospital, Mulund, Mumbai



H.J. Doshi Hindu Sabha Hospital – Ghatkopar, Mumbai



Godrej Memorial Hospital – Vikroli, Mumbai

Our Clientele

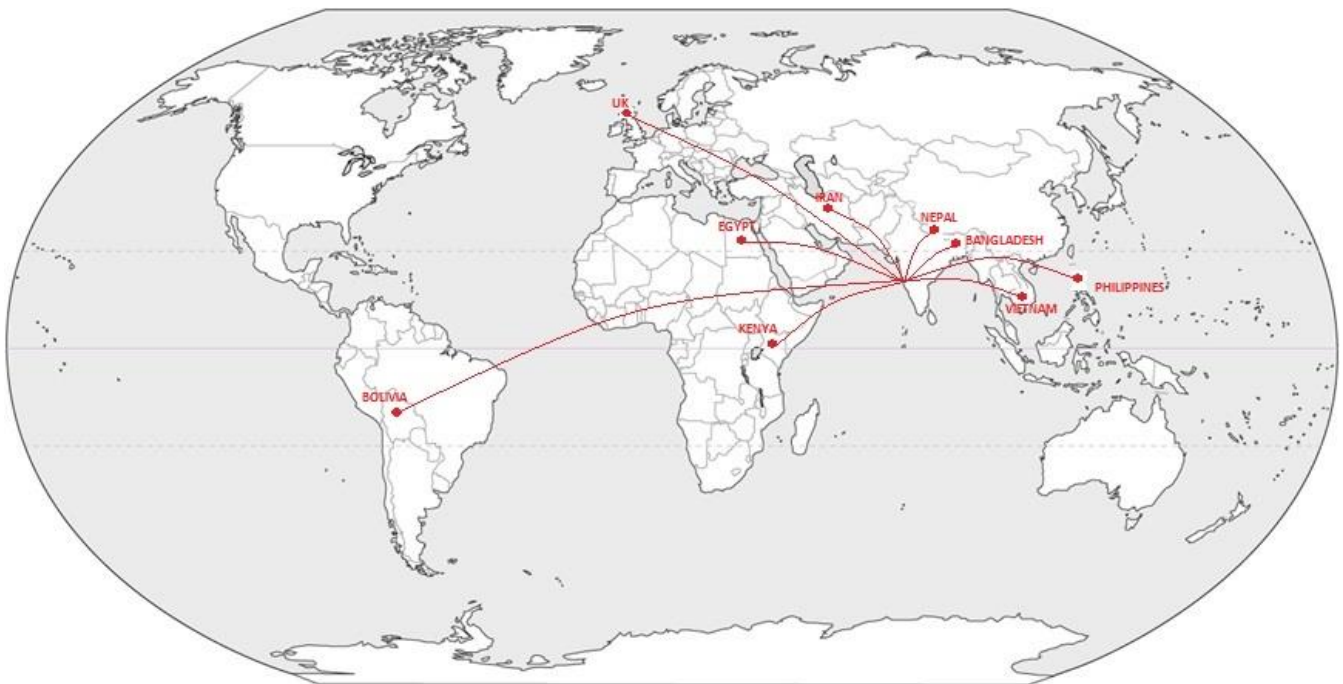
 Anideep eye hospital Trust • Care • Excellence	 COCOON FERTILITY Partners to Parents	 Classic Hospital World Class care. Affordable Fare.	Dr. Deepak Purohit Clinic, Panvel
Dr.MOTHER HOSPITAL	 Dr. Prafulla Patil Multi-Super Speciality Hospital Pvt. Ltd. Parbhani (M.S.)	Dr. Rayan Costa Goa	D'SOUZA Hospital, Vasai
 Eldoret Hospital ISO 9001:2008 Certified Providing Health Care Services with Excellence	 deogiri nursing home's ENDOWORLD HOSPITAL excellence in mother & child care..	 Fortis	 GODREJ MEMORIAL HOSPITAL COMPASSIONATE CARE FOR ALL
 Galaxy Hospital Cure with Care	 GOENKA HOSPITAL	 HOLY FAMILY HOSPITAL & MEDICAL RESEARCH CENTRE Bandra , Mumbai	 Holy Cross Hospital
 H. J. DOSHI GHAIKOPAR HINDU SABHA HOSPITAL	 IMAX Multispeciality Hospital	 J.P. ORTHOPEDIC HOSPITAL UDAIPUR	 Kohinoor Hospital creating a new benchmark in healthcare
 Konkan Cardiac Centre Caring for the Hearts of Konkan	 K K EYE INSTITUTE	 Lokhmanya Tilak Municipal General Hospital	 LEELA EYE INSTITUTE CENTRE FOR ADVANCED EYE CARE
 Krishnai Hospital Caring Hearts, Healing Hands	Krishna Hospital, Nalasopara	Moreshwar Hospital, Jalgaon	 mamata HOSPITAL
 MANNAT FERTILITY CENTRE JOURNEY TOWARDS PARENTHOOD	OMKAR HOSPITAL	 P. D. HINDUJA HOSPITAL & MEDICAL RESEARCH CENTRE	 Pinnacle Ortho Centre
Pramila Hospital, Kalwa	 Rotary Eye Institute Navsari	 RR Hospital Care for Better Life	Shree Kalyani Nursing Home, Pune
Sai Leela Hospital Bhiwandi	 Shree Pragati Foundation's Hira-Mongi Navneet Hospital	Siddhivinayak Health Care Pvt.Ltd. Prabhadevi	 Thane Health Care Hospital
 USSH Upasani Super Speciality Hospital Good Health Begins Here	 VEDH EYE HOSPITAL Continues to Eye Care	 VISION MULTISPECIALITY HOSPITAL Restoring the joy of health	 VARDANN+ MULTI SPECIALITY HOSPITAL
 VIMS विश्वविद्यालय अफ मेडिकल सायन्सेस	 Vaishnavi Maternity Home	 नंदादीप नेत्रालय	 आई MATERNITY HOSPITAL AND NURSING HOME

Quality Policy

“Quality” is the ultimate factor for success in every level of business and life. AASTHA chooses to maintain & be respectable in its quality standards to fulfill our responsibilities and objectives. Our Products are engineered keeping in mind all the necessary quality criteria followed internationally and as per NABH norms.

Thank you and assuring our best co operation all the times and looking forward strong business relations in future with you and your organizations.

Our Global Presence



Manufacturing Unit :

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