

The Rock Show is back again. Transparence 2017 is here with the theme:

Healing Spaces – Mother and Child Welfare Centre

After a rocking season of 2016, we are back with an exciting 2017 edition! All geared up?

Transparence – India's largest Architectural Design Competition is brought to you by Saint-Gobain Glass India. Aply supported by Ethos, Transparence inspires the budding architects of today to give flight to their wings of imagination and creativity. The larger theme for this year is "well being" and Transparence 2017 looks specifically at "Healing spaces" – Designing a Mother and Child Welfare Centre.

[A Profile of Saint-Gobain:](#)

Saint-Gobain, the world leader in *Habitat*, with operations in 66 countries, designs, manufactures and distributes materials and solutions that can be found everywhere in our living places and our daily life: in buildings, transportation, and infrastructure and in many industrial applications. These materials and solutions provide comfort, performance and safety while addressing the challenges of sustainable construction, resource efficiency and climate change.

Saint-Gobain's Glass business in India manufactures a wide variety of flat glass products and offers solutions that continue to shape the Indian construction industry. SGIPL produces a wide range of float glass products - Clear Glass, Tinted Glass, Energy Efficient performance Glass, Mirrors, Designer Glass and glass for special high performance applications including Fire Safety.

With over 17 years of presence in India, and a unique pan-India manufacturing footprint with plants in Bhiwadi (Rajasthan), Jhagadia (Gujarat) & Sriperumbudur (Tamil Nadu), Saint-Gobain today is considered as a strong Technology and Market Leader. For more, visit: www.in.saint-gobain-glass.com

[About Ethos:](#)

"Knowledge is Power."

Ethos works towards sensitising students of architecture and civil engineering to the culture and the ethos that their designs would need to respond to. Ethos was founded by *Gita Balakrishnan*, an architect, who realised the difference a stimulated student fraternity could make to the future of our built environment. There is an effort to equip students to be agents of change, to lead and not just follow and to contribute towards building of a harmonious society. Ethos' main objective is to be the wind beneath the wings of young minds that are to shape our built environment in the years to come.

About the Curator:



The curator for this year's Transparence is **Ar. Vivek Rathore, Salient Design Studio.**

Principal Architect and founder of Salient Design Studio, he is a graduate of Indian Institute of technology (IIT) Roorkee. From its inception he has steered the design processes for every project in the studio, to drive it towards design excellence. At core, Mr Rathore is guided by values of Indian Culture and Patriotism. His principle of Sustainable design and responsibilities towards community and client are well understood in large commercial projects, hospitality projects and public places.

His pursuance of dharma through design has driven many clients to interpret the architecture as a sensible response to a society in need than architecture for greed.

He is also the pioneer to introduce the concepts of Biophyllic (in love with nature) design in architecture.

The works of Mr. Vivek Rathore have been internationally and nationally recognized with many awards for design excellence and sustainability. He is a visiting faculty at IIT- Roorkee. He has also been participating as an honorary panelist for dynamic discussions on sustainable development across the media programs in the city.

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THEME

The theme for this year's Transparence falls under the bigger umbrella of "Well-being", which is often defined as *the state of being comfortable, healthy, or happy*.

"The moment a child is born, a mother is also born".

This year's Transparence brief is the design of "Healing spaces"- A Mother and Child Welfare Centre" that focuses on the five pillars of 'well-being' –

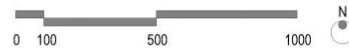
- Comfort
 - Safety
 - Air quality
 - Thermal comfort
 - Acoustic comfort
 - Solar comfort
- Aesthetics
- Sustainability
 - Social responsibility
 - Energy efficiency
 - Economic viability
- Health
 - Physical health
 - Mental health
 - Environmental health
- Happiness
 - While this is not exactly a measurable factor, a mother and child hospital is often associated with new beginnings. If the spaces are not sterile and are designed in such a way so as to celebrate new beginnings, it will, most likely, amount to a happy place!

SITE & CONTEXT



LOCATION PLAN

MOTHER AND CHILD HOSPITAL RAJARHAT, KOLKATA



SITE- SATELLITE IMAGE



SATELLITE VIEW

MOTHER AND CHILD HOSPITAL RAJARHAT, KOLKATA

0 25 50 100



SITE PLAN



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AREA PROGRAM

Bed Capacity - 120 numbers

Total built up area: Max. 1 lac sq. ft.

Unit Specification:

- A- Women Care Unit:

Outpatient consultation, Inpatient LDRP; LDR; OT; Level III ante/post-natal care unit, Critical Care Unit.

- B- Child Care Unit:

Outpatient Consultation, Inpatient Service, Surgical Service, Paediatric Critical Care, Neonatal Critical Care, Paediatric & Neonatal Emergency

- C- Diagnostic Unit

- D- Wellness Unit:

Aesthetic surgery & Cosmetology; Yoga Center; Spa

- E- Additional Services :

Salon(with basic services), Vanity Shop, Garment shop for the Kids & would be moms

- F- Ancillary/Support Unit :

Kitchen, Laundry, HK (House Keeping) functions, Cafeteria, CSSD (Central Sterile Supply Department), Pharmacy, Mortuary

**More information on the above mentioned units have been provided in the annexed documents on the website. Please go through them for better understanding. While the annexed documents also provides the break-up of areas, please feel free to arrive at your own areas as per your study and understanding.

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BYE LAWS

Location & Size:

The Site is 2 acres of Land Parcel adjacent (overlooking) to Eco park - a 400 acres of Lake front Ecological and Leisure Park in New Town, Rajarhat. The Park has average footfall of over 10,000 people every day. It has a rich biodiversity and serves as a vital lung space to the upcoming New Town.

Building Rules (Mandatory)

- Permissible FAR - 1.5
- Maximum Permissible Ground Coverage - 40%
- Maximum Permissible Height - 40 Meters
- Minimum Green Belt Area (virgin green for tree plantation) 15% of the site area.
- Minimum Front Open Space (setback) and Side Open Space (setback) - 15% of the Building Height or 5 Meters whichever is more
- Minimum Rear Open Space (setback) 25% of the Building Height or 8 Meters whichever is more
- Parking Requirements: 1 car park for every 100 sqm of Built Up.
- Minimum Dimension of Ventilation Shaft for toilets, utilities etc. (if provided for Natural Ventilation) shall have a minimum dimension of 3 Meters

Evaluation criteria

- Concept and clearly stated design intent
- Originality
- Context
- Area program: Understanding the working and circulation of a hospital
- Efficient use of space
- Hierarchy of spaces
- Implementing comfort, health and happinessHow good design can contribute to 'healing'
- Efficient use of renewable resources such as water and energy.
- Translation of concept to final design.
- Presentation

Submission format

- A maximum of **twelve A3** sheets **or five A2** with a readable scale of drawing.
- Please note that, we would advise you to restrict your word limit on the A3/A2 sheets to **100-150 words per sheet**.
- All entries to be accompanied by soft copies. Please ensure that the presentation is in a **power point format** compatible with MS Office 2007 with not more than **20 slides**.
- Hard copy: Please write **names** and other **team details** only on the **rear side** of the sheets in a size not larger than 2" X 5" and only on the **first/ last slide** of the ppt.
- Soft copy: Please write names and other team details **only** on a separate first sheet before your presentation. This sheet will be additional and not be included in the allotted 20 sheets for soft copy.
- **Entries with names written on the soft copy and/or hard copy** (other than what is mentioned earlier) **will be subject to disqualification**.
- Please note again that the **site**, **brief** and **theme** provided to you is for **purely academic** purposes and is **hypothetical** in nature. We **strictly** advice you to not approach anyone but Ethos (ethosindia.helpdesk@gmail.com) for any queries or issues related to the competition.

Competition Format

- Transparence '17 is open to **undergraduate students** of **architecture** and **design**.
- Teams to comprise of a **maximum** of **three** members.
- **A two-stage competition**, First stage: Regional juries – North, South, East and West. Second Stage: Grand Finale.
- The venue for the first stage regional juries will be communicated to all the participants. There will be no presentations by the teams at the regional juries. However, the teams will get an opportunity to hear the jury comments and interact with them.

Awards

Regional Winners: Rs.20000/- per team, a certificate and an opportunity to win the coveted National Trophy.

National Winner: Rs.75000/- per team, a trophy and a certificate.

National First Runner-up: Rs.50000/- per team, a trophy and a certificate.

National Second Runner-up: Rs.25000/- per team, a trophy and a certificate.

All participants with submissions that are found technically complete by the jury will be awarded a certificate.

Checklist for Participants

- Form teams with a maximum of three members
 - Download brief and Register at online at <http://ethosindia.in/events/transparency/index.php> or www.transparency.in
- For registration related queries write to Ms. Rama at info@ethosindia.in
For queries related to the brief write to Ar. Vidhya Gopal – ethosindia.helpdesk@gmail.com
- Complete requirements for submission
- Please ensure that your names and other details are written only at the rear side of the sheets as a small label.
- **Entries with names written on the soft copy and/or hard copy (other than what is mentioned earlier) will be subject to disqualification.**

Important Dates

- **Registrations last date:** 16th October, 2017.
- **Submissions** need to reach the address mentioned below by 23rd October, 2017.

Ms. Gita Balakrishnan

Ethos

23 Woodlands Syndicate, 8/7 Alipore Road

Kolkata 700027

Ph: 9051642739

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