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Madhav Netralaya Eye Hospital & Research Centre to open in Nagpur

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HOSMAC to lead turn-key design consultancy for Central Indiaâ??s premier eye care centre



The foundation stone for Madhav Netralaya Eye Hospital & Research Centre was laid recently in a distinguished ceremony attended by Prime Minister Narendra Modi.

Planned to be a pioneering institution in ophthalmic care, the facility is being designed by HOSMAC, Asia's leading hospital planning, management, and design consultancy, overseeing the turn-key design consultancy services.

Madhav Netralaya's architectural vision seamlessly integrates functionality with aesthetics, prioritising patient-centric care. Its elliptical eye-shaped architecture is strategically aligned along the east-west axis to maximize natural light towards the north while reducing heat exposure.

The building's rooftop solar panels have an installed capacity of 550 kWp, showcasing HOSMAC's commitment to sustainability and energy efficiency in healthcare architecture. The hospital's facade is an eyelid which features curved sandstone walls, protecting the interior clinical spaces from noise and dust pollution. The stone is richly coloured, adding visual depth and textures that are contrasted with panoramic windows.

Spread across 5.8 acres, this 250-bed super-specialty eye hospital will offer world-class yet affordable eye care services. With a built-up area of approximately 4 lakh sq. ft., the institute will feature 10 specialised OPDs, 2 dedicated OPDs for community services (Samudayik Sewa), 14 cutting-edge modular operation theatres (OTs), including a dedicated Lasik Surgery Unit, an Eye Bank, and a comprehensive Research Centre. The BARN OT features an open-plan surgical area, where multiple patients are treated in dedicated spaces alongside one another, with each station equipped with an ultra-clean air canopy to minimize the risk of infection.

To advance ophthalmic research and treatment, the hospital is benchmarked against leading global institutions and will incorporate advanced facilities such as a Gene Therapy Unit, Biorepository, Genetic Lab, Clinical Trials Centre, Outreach Camp Office, Simulation Lab, and Vision Research Centre. The facility will also include a conference hall, learning centre, and an AYUSH department to ensure a holistic approach to eye care.