

Krzysztof Pietras, Jakub Bladowski

SPIRETEC INDIA

We believe that the solution to the given problem should be a charismatic design, which takes an original form. Our main and one of the most important ideas was to create a building, that fits the functional scheme of surrounding objects.

The form was created by subtracting a number of internal elements from the initial structure in order to receive safe and covered human-scale public space big enough for the function needed and being a shelter at the same time. Thanks to that the internal square is immune to heat, strong wind or heavy rain.

Democratic public space adjoining variety of functions is a canvass for the life of the whole complex.

Kolam patterns are supposed to bring luck - they are signs of invitation. Their appearance is inseparably connected to the time of the day. We propose a facade inspired by this Indian tradition. Our elevation is skin-like. It reacts to external conditions and temperatures. Every morning elevation 'flowers' close in order to stop the heat from penetrating the building. In the evening they open - to let the cold night air inside and cool the whole construction down - it will give a rest to the users during the whole next day. The facade is dependent on the time of the day just as original patterns are. This natural ventilation system is energetically efficient and simply rational.

We designed an internal vertical park in the building and a connecting park on the roof of the lower part of the structure. Also there is a water reservoir surrounded by a stair-shaped public space with a huge screen which enables the conference centre to operate also on the outside.