



Founder: Parth Joshi

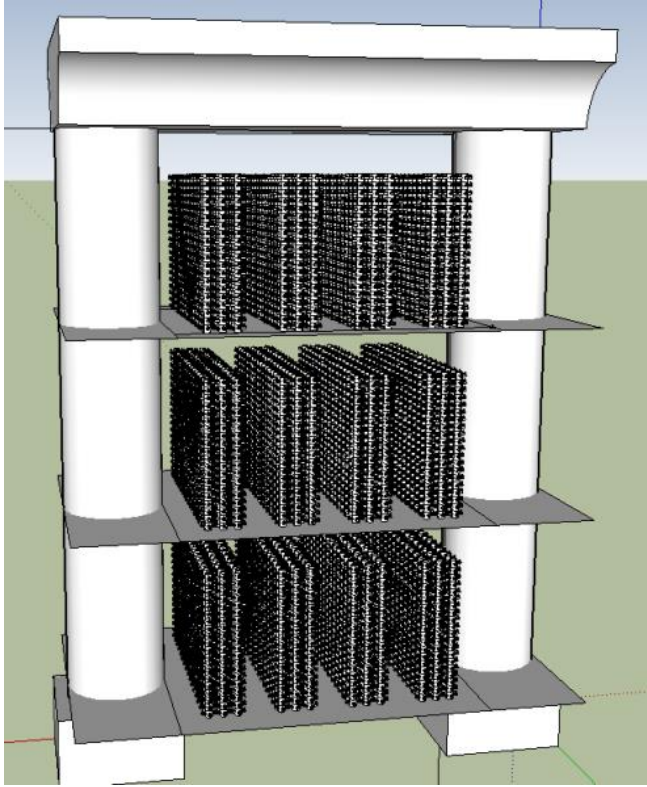
Guided By: Dr. Jiten Shah (Dept. of Civil Engineering)

The project is mainly emphasise on Morden Farming Technologies and Vertical Farming. We also working on the Morden technologies like Hydroponic and Aeroponics as well. Our Company is determined to solve problems like Climate Change, Quality Food and Reduction in Agricultural Land for Development of Infrastructure.

Cities are moving towards the concrete jungle including transportation infrastructure. The transport sector emits an estimated 261 Tg of CO₂, of which 94.5 % was contributed by road transport. The pollution from vehicles is mainly due to emissions of gases such as CO₂, unburnt HC, Pb, NO₂ and suspended particulate matters. In addition, world population will reach 9 billion by 2050, of which 70% will live in urban centres. This change, alongside a changing climate, will strain Earth's resources, specifically the ability to supply food. Looking towards long run development, cities losing the "GREEN INFRASTRUCTURE" eventually. In that line, the present proposal provides a "vertical farming" concept with green infrastructure. The proposal not only contribute towards the Clean

Environment, and Sustainable food production but, promising effective utilization of space under the Flyover Bridge and urban aesthetic view of surroundings. The project is mainly emphasise on Morden Farming Technologies.

In concept, vertical farms are multi-storey buildings with highly controlled environmental conditions and access that house year-round crop production in artificial environments by using Hydroponics, Aeroponics and Aquaponics. All food is grown organically without herbicides or pesticides, and black and Graywater is collected and recycled. The vertical farm is powered by solar and wind energy to balance out the high-energy consumption which internal environment requires.



Our Incubation Centre:
IIT-RAM Incubation Centre



Founding Entrepreneurs

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