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## GREENOMETRIC SOLUTIONS

AREA OF EXPERTISE VERTICAL GARDENS

LOCATION MUMBAI

When the thumb is green but the space scarce, there is only one way to go and that is up. Green walls or vertical gardens have been around for a while, but their popularity has spiked in this decade. Mukul and Aparna Bandiwadekar are botanists who have studied vertical gardens, both theoretically and practically. They started Greenometric Solutions in 2003, which offers complete vertical garden ecosystems, wherein the vertical garden comes with a fish pond at the bottom. The highly nutritious water used by the fish in the pond gets recycled for the plants and from the plants, it gets filtered and goes back to the aquarium, thus creating an entire ecosystem. For indoor use, the Bandiwadekars offer pot-system vertical gardens and for outdoor use, the vertical gardens have felt (a matted, non-woven fabric) as the base. Greenometric modifies its systems to suit the plants. The selection of plants is always site-specific, governed as it is by sunlight availability and wind pressure. Besides serving a purely ornamental function, a vertical garden can also be used to grow vegetables. People can even get an irrigation system from Greenometric that not only waters their plants at regular intervals automatically, but which can also be programmed to alter water flow depending upon the season. All this is good news for aspiring urban farmers; for if there is someone who can help you cultivate your own garden in your tiny city apartment, there is no excuse to not turn green.

**Contact:** 09920013520; [greenometric.solutions@gmail.com](http://greenometric.solutions@gmail.com)

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## PIXELTEK, MUMBAI

You no longer have to wait for your house to be ready to take a walk inside it. 3D art and animation studio Pixeltek, founded by Vitek Goyal, an alumnus of New York's Rensselaer Polytechnic, offers virtual reality simulations for the real estate sector. The company works with architects and interior designers to use technology such as Oculus Rift and Samsung Gear VR headsets, so that people can walk through their dream home before it is even built, and suggest changes.

**Contact:** 022-43114611; [info@pixeltek.com](http://info@pixeltek.com)

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## SILVAN, BENGALURU

Imagine having a remote control not just for your TV, but for your whole house. Bengaluru-based technology company Silvan specializes in home automation. For residences, they offer automation solutions for entrance management, safety and security, comfort and convenience, and entertainment. They also cater to the hospitality sector (for in-room automation for hotel rooms) and commercial spaces (for room automation, lighting management, and more).

**Contact:** 080-41263541; [info@silvanlabs.com](http://info@silvanlabs.com)

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## TRINITY SYNERGY, MUMBAI

Aditya Khambhati heads Trinity Synergy, the home automation wing of his family's nearly century-old electrical and trade business. The company specializes in tailor-made packages for customers, providing automation solutions to suit their lifestyle. From design consultation and installation to commissioning and after-sales services, Trinity Synergy believes their USP is end-to-end automation solutions.

**Contact:** 022-40181818; [aditya@trinityswitchgear.com](mailto:aditya@trinityswitchgear.com)

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## RADIATIONAUDIT.COM, MUMBAI

Telecommunications engineer Anuj Jain started his career setting up advanced communication systems. Today, he checks whether they spread radiation. Jain is a radiation auditor who, through his website [radiationaudit.com](http://radiationaudit.com), helps people keep radiation exposure at bay. If he finds that a space has high levels of radiation, he offers solutions in the form of meshes and films. He also routinely advises people on the subject.

**Contact:** 09320015078/09321115078; [anuj.jain@globalelectronicmedia.com](mailto:anuj.jain@globalelectronicmedia.com)