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## CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW

News

Garden trends 2022 – 25 of the latest looks and new ways to garden

As spring is just around the corner, garden trends – from the new design styles and ideas for our outdoor spaces to how we approach gardening itself – begin to bloom. And, with the likelihood that we will be using our gardens more in 2022 than we ever have before, we're ready to turn our back yards into stylish extensions of our homes – another 'room' we can enjoy and relax in. These are the top garden ideas and garden trends for 2022 to steer you in the right direction. From the best small garden ideas and sustainable gardens to garden color schemes and garden decorating ideas, we have you covered. Kristina Clode believes that all gardens, present and future, need to be designed to cope with increasingly wet winters and hot, dry summers. 'We need to think of climate change and whether your tree will still thrive in 50 years' time,' she says. Her Mediterranean garden idea is to look to other climates for her plant choices. 'I am interested in using hardier trees from the Mediterranean region that are close relatives of our native trees.' She also expects to use more Mediterranean shrubs together with succulents, grasses and perennials. Kristina won a double award in the Design for the Environment and the Judges' Award categories for her entry, Sedlescombe School Sensory Garden. .....Read more...

**Date:** March 03, 2022 **Source:** Home Gardens News

Roadside garden gives street a pretty edge

The short strip of land outside the home of N. Prasannam in Kambar Street, New Selvanagar, present a cool and green vision to passers-by. Planted with medicinal herbs and flowers like rose and hibiscus with high fencing to deter stray animals, this 'roadside garden' has been Mr. Prasannam's pet project for over a year. "Our road connects the rest of the colony to the main highway, so we get a lot of traffic through the day. I felt that having a floral patch on either side of the thoroughfare would be a pleasant sight for the passing motorists," Mr. Prasannam, 68, told The Hindu. The retiree, who formerly worked as a typist at the Tamil Nadu Co-operative Marketing Federation (TANFED) and a fertliser company, took permission from the local municipal officials before developing the two narrow plots (measuring 120 feet in length on one side and 80 feet on the other) on opposite sides of the road as a green patch. "I spent around ₹25,000 for setting up the gardens. On the suggestion of a neighbour, I planted one part with herbs like tulasi (holy basil), thiruneetru pachalai (sweet basil) and omavalli (thick-leaved lavender) that can be used to make home remedies for common ailments like cold and fever. Anyone in the area can pick the leaves for their use," said Mr. Prasannam. ......Read more...

**Date:** March 04, 2022 **Source:** The Hindu

Common houseplants can improve air quality indoors

During a series of experiments monitoring common houseplants exposed to nitrogen dioxide (NO<sub>2</sub>) -- a common pollutant -- researchers calculated that in some conditions, the plants could be able to reduce NO<sub>2</sub> by as much as 20 per cent. The researchers tested three houseplants commonly found in UK homes, easy to maintain and not overly expensive to buy. They included Peace lily (Spathiphyllum wallisii), Corn plant (Dracaena fragrans) and fern arum (Zamioculcas zamiifolia). Each plant was put, by itself, into a test chamber containing levels of NO<sub>2</sub> comparable to an office situated next to a busy road. Over a period of one hour, the team calculated that all the plants, regardless of species, were able to remove around half the NO<sub>2</sub> in the chamber. The performance of the plants was not dependent on the plants' environment, for example whether it was in light or dark conditions, and whether the soil was wet or dry. Lead researcher Dr Christian Pfrang said: "The plants we chose were all very different from each other, yet they all showed strikingly similar abilities to remove NO<sub>2</sub> from the atmosphere. ......Read more...

Date: March 07, 2022 Source: Science Daily

#### Your Houseplants May Help You Breathe Easier

Houseplants can make your home or office air cleaner, according to British researchers. In lab tests, they found that three common houseplants -- peace lily (Spathiphyllum wallisii), corn plant (Dracaena fragrans), and ZZ plant or fern arum (Zamioculcas zamiifolia) -- could reduce levels of a common air pollutant called nitrogen dioxide (NO<sub>2</sub>) by as much as 20%. "The plants we chose were all very different from each other, yet they all showed strikingly similar abilities to remove NO<sub>2</sub> from the atmosphere," said lead author Christian Pfrang, of the University of Birmingham. The plants aren't costly and are easy to maintain, the researchers noted. For the study, a single plant of each variety was put into a test chamber containing levels of NO<sub>2</sub> comparable to those in an office next to a busy road. Over an hour, all three species removed about half of the NO<sub>2</sub> in the chamber. Researchers then calculated what those results might mean for a small office and a medium-sized office with different levels of ventilation. In a poorly ventilated small office with high levels of air pollution, five houseplants would reduce NO<sub>2</sub> levels by around 20%, the study found.

Date: March 10, 2022 Source: US News

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