



Ubreathe Life

sanskritiias.com/pt-cards/ubreathe-life-4

- Scientists of Indian Institutes of Technology, Ropar in collaboration with Indian Institute of Technology, Kanpur and Delhi University have developed a living-plant based air purifier 'Ubreathe Life'. **This amplifies the air purification process in the indoor spaces.**
- **IIT Ropar's startup company, Urban Air Laboratory has developed the product.** It to be world's first, state-of-the art 'Smart Bio-Filter' that can make breathing fresh. It has been incubated at IIT Ropar, which is a designated iHub - AWaDH (Agriculture and Water Technology Development Hub) by the Department of Science and Technology.
- The technology works through the air-purifying natural leafy plant. **The room-air interacts with leaves and goes to the soil-root zone where maximum pollutants are nullified.** According to a World Health Organization report the indoor air spaces are five times more polluted than outdoor air space.
- **The novel technology used in this product is 'Urban Munnar Effect' along with 'Breathing Roots' to exponentially amplify the phytoremediation process of the plants.** Phytoremediation is a process by which plants effectively remove pollutants from the air.

X



Best Team, Best Teaching

सामान्य अध्ययन फाउंडेशन

(प्रिलिम्स + मेन्स)

ऑफलाइन बैच	ऑनलाइन लाइव कोर्स
कक्षा आरंभ : 20 सितंबर 2021	कक्षा आरंभ : 25 अगस्त 2021
समय : 11:30 AM – 2:30 PM	समय : 6:30 PM – 9:00 PM

 www.sanskritiias.com  9555 124 124