CSIR - IICT
जीवन स्पर्शी
Touching Lives

AAC Micro

Kitchen 2 Compost

Health out of Waste

Accelerated Anaerobic Composting

AAC Technology developed by CSIR-IICT to recycle Organic waste quickly to Carbon rich Soil Conditioner

The Same technology was scaled down to home needs for 1-5 Kg of wet waste everyday to make the first Anaerobic drum Composter

Landfill Free Bharat

Differences between different types of Composting

S No	Aerobic Composting	Vermi Composting	Anaerobic Composting
1	Oxygen Needed to disintegrate	Oxygen needed to keep worms live	Reduced Oxygen Environment
2	Rapid Rate of Degradation	Very slow and good for small quantities	Slow but reduced losses
3	Need Elevated Temperature	Do not work at warmer temperatures	Can Undergo slowly
4	Loss of C as CO2	Produces Magots and loss of CO2	Absorbs Carbon and Nitrogen
5	Emission of gases generating Oder	Emission of gases generating Oder	Closed environment no Oder
6	Attracts Insects and flies	Attracts Insects and flies	No Oder and Insects
7	Power Intensive	No power needed	No Power Needed
8	Expensive and Labor Intensive	Labor Intensive	Easy to maintain
9	Releases CO2 to atmosphere	Releases CO2 to atmosphere	Absorbs CO2 for Rich Conditioner
10	C/N Ratio Low	C/N Ratio Low	C/N Ratio High
11	Low in Minerals and Nutrients	Low in Minerals and Nutrients	Rich in Minerals & Nutrients

Must for every household recycle their green waste from kitchen to use for gardening

Anaerobic Drum Composter

- **With 6 compartments & Chopper**
- **Made with PP FRP for longevity**
- **Chop the wet waste as we get and fill in first compartment till it is filled.**
- **Use the next and fill all**
- **Rotate once or twice a day whenever you see it to mix properly**
- **Empty the First one and dry when all compartments are full**
- **Capacities from 1 to 5 Kg waste per day**

Use your waste to boost soil

Drum Composter with AAC technology in anti rust environment

Use the Carbon Rich Soil Conditioner to grow plants organically for a better health and clean environment

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