

Vertical Hydroponics Unit at MSRCASC

SDG addresses:SDG 11 -Sustainable Cities and Communities

M. S. Ramaiah College of Arts, Science and Commerce -Autonomous (MSRCASC) marked a significant step towards sustainability with the inauguration of a **Vertical Hydroponics Unit** on campus. This initiative aligns with the United Nations Sustainable Development Goals, specifically **SDG 11 – Sustainable Cities and Communities**, emphasizing the importance of innovative, space-efficient, and environmentally responsible urban practices.

The vertical hydroponics system, designed to optimize limited space while ensuring efficient resource utilization, showcases a soil-less cultivation technique that promotes sustainable food production. By reducing water consumption, eliminating the need for chemical fertilizers, and enabling year-round cultivation, the unit serves as a practical model for urban agriculture.

The inauguration witnessed the active participation of faculty members and students, reflecting a collaborative effort toward promoting sustainability and environmental awareness. The unit will also function as a hands-on learning platform for students, encouraging research, innovation, and skill development in sustainable agricultural practices.

This initiative reinforces MSRCASC's commitment to creating environmentally conscious communities and empowering students to contribute meaningfully to sustainable urban development.

