



Institutional Distinctiveness Diverse Flora Enhancing Biodiversity

The Green Initiative at Rama University: A Testament to Environmental Stewardship

At Rama University, Considering the **air quality challenges in Kanpur** we believe that education extends beyond the confines of classrooms and laboratories. As a community, we are committed to nurturing not only the minds but also the **environment** that sustains us. Our dedication to environmental sustainability is exemplified by our longstanding tree plantation initiative, a tradition that embodies our ethos of **responsibility, care and growth**.

Planting Roots for a Greener Future

From the **year 2021**, the tree plantation initiative at Rama University has become deeply ingrained in our institutional **culture**. Upon **joining our community**, every **new faculty member plants a tree** on our campus, marking the beginning of their journey with us and their pledge to our shared **mission**. This act of planting is not merely symbolic; it signifies our ongoing commitment to expand our green canopy year after year. Furthermore, upon completing their first year of service, all staff members are encouraged to **plant another tree**, ensuring continuous growth both individually and institutionally.

To date, over **400+ staff members** participate annually, contributing to the lush and diverse greenery that adorns our campus. This ongoing effort underscores our dedication to fostering a sustainable environment, where each tree planted represents a step towards a greener future. Our green campus stands as a testament to the collective effort and dedication of our staff, who not only plant these trees but also **nurture them with care**.

Diverse Flora Enhancing Biodiversity

The variety of trees planted on our campus is extensive and **carefully** chosen to enhance biodiversity and ecological balance. These include species like the, **Peepal (पीपल)**, **Ashok (अशोक)**, **Gulmohar (गुलमोहर)**, **Kaner (कनेर / ओलियंडर)**, **Gudhal (गुड़हल / हिबिस्कस)**, **Chameli (चमेली)** and **others**. Each tree not only adds to the aesthetic beauty of our surroundings but also plays a crucial role in improving **air quality and supporting local wildlife**.

Quantifying the Environmental Impact

Based on estimations, each tree at Rama University has the potential to reduce approximately 75 grams of particulate matter (PM) per year. With **500 trees** planted annually:

Total PM reduction = **500 trees × 75 grams/tree/year**

Total PM reduction = **37,500 grams/year**

Total PM reduction = **37.5 kilograms/year**



Contribution to Air Quality Improvement in Kanpur

Considering the air quality challenges in Kanpur, where particulate matter levels often exceed safe limits, our tree plantation initiative plays a significant role in mitigating environmental impact. While the exact reduction varies based on factors such as tree species and local conditions, planting **500** trees annually could potentially reduce PM emissions in Kanpur by **approximately 0.00375% annually**. This contribution highlights our commitment to not only enhancing our campus environment but also making a meaningful impact on the broader community.

Rama University's tree plantation initiative is more than just an **environmental project**; it embodies our commitment to sustainability and **our core values**. By involving our community in this ongoing effort, we cultivate a culture of environmental stewardship and responsibility. Our green campus not only enhances the quality of life for our students and staff but also serves as a model for sustainable practices in higher education. Moving forward, we remain steadfast in expanding our green initiatives and collaborating with stakeholders to create a greener and healthier future for all.

A Vision for the Future

As we look to the future, we are **committed** to expanding our green initiative. We aim to involve **more students** in the plantation and care process, fostering a deeper connection with nature and instilling a sense of environmental stewardship from a young age. **We also plan to collaborate with local communities** and organizations to extend our efforts **beyond the campus**, contributing to broader environmental conservation efforts.

In conclusion, the tree plantation initiative at Rama University is more than just an environmental project; it exemplifies our commitment to sustainability and our **core values**. Involving various authorities and staff members, we've created a diverse **green canopy** symbolizing our dedication to the environment. This initiative enhances our campus, promotes **biodiversity** and inspires sustainable living. Moving forward, we aim to expand our efforts, involving more students and collaborating with communities beyond the campus. Rama University's initiative reflects our belief in nurturing growth and embodying responsibility and care, making our campus a testament to environmental stewardship.



RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) **UTTAR PRADESH**

2018: World Environment Day – 14/06/2018





RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) **UTTAR PRADESH**

2019: World Earth Day by the Faculty of Agriculture & Allied Industries – 23/04/2019





RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) **UTTAR PRADESH**

2019: World Environmental Day Observed at Rama Dental College – 18/06/2019





RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) **UTTAR PRADESH**

2021: Plantation on World Earth Day – 22/04/2021





RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) **UTTAR PRADESH**

2022: World Earth Day – 22/04/2022



WORLD EARTH DAY
22th April 2022 | Institution's Innovation Council & FAS&AI, RU



WORLD EARTH DAY
22th April 2022 | Institution's Innovation Council & FAS&AI, RU



RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f)

UTTAR PRADESH

2022: Event-Extension & Outreach Activity on “World Earth Day” – 26/04/2022





RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) **UTTAR PRADESH**

2022: World Environment Day – 06/06/2022



World Environment Day
06 June 2022 | Faculty of Professional Studies



World Environment Day
06 June 2022 | Faculty of Professional Studies



RAMA UNIVERSITY

Vide U.P. Act No.1 of 2014 as Passed by State Legislature and Recognised By UGC U/s 2(f) UTTAR PRADESH

2024: World Environment Day – 05/06/2024



“World Environment Day” 2K24

5 June, 2024 | Rama Ayurvedic Medical College & Hospital, Mandhana, Kanpur



“World Environment Day” 2K24

5 June, 2024 | Faculty of Agricultural Sciences and Allied Industries RAMA UNIVERSITY, Kanpur