



Sustainability Report 2021-22



***OFFICE OF RESEARCH INNOVATION AND
COMMERCIALIZATION (ORIC)***

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Pakistan**

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Executive Summary

Muhammad Nawaz Shareef University of Agriculture, Multan (MNS-UAM) is located on Old Shujabad Road, Multan. It was established in 2012 and has been recognized by Higher Education Commission, Pakistan.

The University has a total area of 680 acres located at two places. A piece of land comprising of 180 acres is allocated at Mouza Rangeel Pur, Old Shujabad Road, Multan

The University has acquired qualified and dedicated faculty to provide maximum facilities of research to its students. In order to provide the practical training facilities, the University is utilizing the services of different agricultural institutes located in Multan.

University is focusing on sustainability of environmental system and food security.

728434

1-Total main campus area

41500

2-Smart Building area

4832

3-Number of Regular Students

320

4-Number of Academic & Administrative Staff attended in COVID as per Govt. Instructions

64%

5-Sustainability Budget

> 97%

RATIO OF OPEN SPACE

>75%

WATER CONSERVATION PROGRAM IMPLEMENTATION

> 75%

ORGANIC, INORGANIC, & TOXIC WASTE TREATMENT

> 37%

FOREST VEGETATION

> 54%

PLANTED VEGETATION

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INTRODUCTION

Muhammad Nawaz Shareef University of Agriculture, Multan (MNS-UAM) is located on Old Shujabad Road, Multan. It was established in 2012 and has been recognized by Higher Education Commission, Pakistan. Multan is famous for the production of cotton and export mango. Furthermore, soil and environmental conditions of this area are also suitable for growing many other agricultural crops. The Southern Punjab was lacking a full-fledged agricultural University and to address this problem, Chief Minister of Punjab announced the establishment of Muhammad Nawaz Shareef University of Agriculture, Multan (MNS-UAM) on 31st July, 2012. The University is currently performing its academic activities in a building located on Old Shujabad Road, Multan

Sustainability Goals

- ❖ Create awareness among community about the cleaning of environment and protect it from pollution.
- ❖ Providing Healthy organic vegetable nursery plants to the community to promote the kitchen gardening activity
- ❖ Promote the tree plantation activity to enhance the afforestation.
- ❖ Usage of Bicycles in campus to promote Zero Emission Vehicle Policy.
- ❖ Organize events related to Social Harmony.
- ❖ Functioning of University health and well-being Centre

Talk and
Act

VICE CHANCELLOR'S MESSAGE

MNS University of Agriculture, Multan is a chartered and fast growing agriculture University. This university is envisioned to “provide systems and leadership in professional learning, research and outreach to promote agricultural production, nutrition, entrepreneurship and community service” to meet its mission of “food security and knowledge economy through intellectual and social transformation”. The faculty in the University is highly qualified, hardworking and dedicated for mentoring the students for professional learning, social skills and entrepreneurship.



Prof. Dr. Asif Ali
Vice Chancellor

Mission

Vision

MISSION OF MNS-UAM

Food security and knowledge economy through intellectual & social transformation.

VISION OF MNS-UAM

To develop a world class university in agricultural and allied sciences by providing effective systems and leadership for professional learning, research, entrepreneurship and community service.

RESEARCH AND EDUCATION



✓ 13

Number of Students Organizations related to Sustainability



100+

Number of Events Related to Sustainability on Hybrid Mode



✓ 281

Number of Scholarly Publications on sustainability (2021-22)







✓ 190

Number of Courses Related to Sustainability

University Infrastructure

- Building in Block A (Vice Chancellor Residence)
- Building in Block A (Academic Block)
- Building in Block A (Girls Hostel)
- Building in Block A (Faculty Residence)

<p>Building in Block A (Academic Block)</p> 	<p>Building in Block A (Girls Hostel)</p> 
<p>Area 5017 m²</p>	<p>Area 5825 m²</p>
<p>Building in Block A (Vice Chancellor Residence)</p> 	<p>Building in Block A (Faculty Residence)</p> 
<p>Area 395 m²</p>	<p>Area 1928 m²</p>

- Building in Block B (Academic Block)
- Building in Block B (Administration Block)
- Building in Block B (Boys Hostel)
- Building in Block B (Guest House)
- Building in Block B Central Library



Sustainability Policies

To make our university condition well-disposed we have structured after maintainability strategies:

1. Usage of Energy Efficient Appliances
2. Paper Usage Policy
3. Water Conservation Policy
4. Parking & Transportation
5. Recycling & Waste Reduction

MNS-UAM is devoted to enhance prosperity and strength of grounds network, with the end goal to upgrade wellbeing rehearses, limit the utilization of vitality and limit poisonous, natural and inorganic waste in grounds. Workforce, staff and understudies are relied upon to fuse these practices into their everyday work practices to diminish, reuse materials moreover.



Energy and Climate Change

95%

Energy efficient appliances usage

41,500 m²

Total main campus smart building area

91%

Smart Building implementation

3








Elements of Green Building implementation

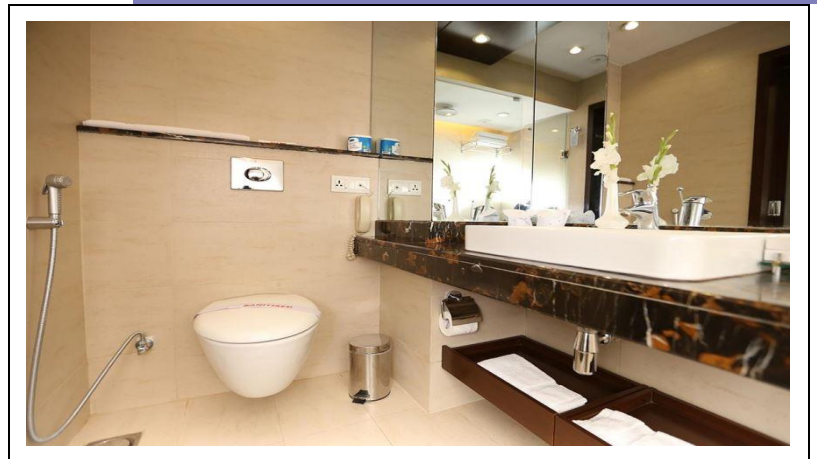


Water Conservation

Water is life and it should be used carefully. There are many parts of the world and in our country where people do not get clean drinking water and are forced to drink unclean and unhealthy water. Future shortage of water is evident such as lower water levels, increasing salinity and drying rivers. It is extremely important that we start understanding the seriousness of this issue and adopt measures to conserve water. MNS-UAM also promotes the judicious use of water.



-  Use of Filtered Water in the campus
-  Try not to utilize drinking water for plants and washing
-  Make mindfulness about water preservation
-  Utilize water of rain Utilize Low-flush or Dual flush frameworks in restrooms
-  Do whatever it takes not to utilize running water specifically
-  Never keep water running when not utilized
-  Consistently check spillages in the water supply and places of water utilize



Transportation

MNS-UAM is focusing on international standard parking facilities. University have a policy to strengthen the pedestrian path ways. In future, university is planning to distribute bicycles among the students to implement the Zero emission vehicle policy.

- MNS-UAM administration is enhancing the Pick and Drop path to lessen the time.
- University promotes the shuttle service for transportation of students, staff and faculty.
- Pedestrian path policy is designed for convenience.
- University is discouraging more area under parking shed.
- Improving management of Parking areas to minimize traveling of vehicles in these areas



Recycling & Waste Treatment

- 🗑️ MNS-UAM is providing reusable water bottles to students for plantation.
- 🗑️ Providing Filtered Water and eliminating bottled water
- 🗑️ Isolation of waste materials for reusing, reuse, and transfer
- 🗑️ Printing smarter
- 🗑️ Focusing on installation of waste bin for separate collection of organic and inorganic waste.

Flow of Organic Waste Treatment



Waste collection

Autoclave

Incineration

Dumping





Additional Links:

Thankyou !

For your kind attention.

Link of Detailed Annual Reports 2021-22:

http://mnsuam.edu.pk/images/Advertisements/2022/October/Annual_Report_2021-22_2782022.pdf

Further Links:

<https://www.mnsuam.edu.pk/index.php/research/dse>

www.mnsuam.edu.pk

<https://mnsuam.edu.pk/index.php/office-of-research-reports>

https://mnsuam.edu.pk/images/download/prospectus_2020-21_01-57.pdf

<https://www.mnsuam.edu.pk/index.php/home/events>

