

Air University, recognizing the importance of sustainability in fostering a greener and more inclusive environment, conducted a workshop on sustainable practices. The workshop aimed to educate faculty, staff, and students on implementing sustainable and green practices both within and outside the organization.

Understanding Social Sustainability:

The workshop began with an overview of social sustainability, emphasizing its definition and scope. Participants learned how social equity and justice play a crucial role in addressing inequalities in access to resources, opportunities, and decision-making processes. It was highlighted that promoting diversity, inclusion, and empowerment within our community is essential for fostering a socially sustainable environment.

Green / Environment-Friendly Campus

The Air University South Campus would be the first purpose-built Green Campus that will be Environment-friendly and will considerably lower the carbon footprint of the Campus.

The building blocks are esthetically sequenced in a manner to conserve energy at maximum, with ample opportunities for green energy, sparing reasonable green space to facilitate Outdoor/indoor sports, adequate underground parking, and security arrangements.

In the design, maximum Solar Energy generation has been planned to cater to the sizable energy needs of the Campus. The Campus has been innovatively designed for:

Future Requirements and Advancements

Energy Efficient Sustainable Site Planning and building design

Energy Efficient Building Orientation for efficient Ventilation and sunlight

Energy Efficient through Alternate/ Renewable Energy

Safe Guarding Water and Water Efficiency

Energy Efficient through Envelop Insulation and Architectural Elements as Buffers

Conservation of materials and Resources

The compliance of CDA By-laws has been ensured while preparing the Master Plan

Green Building Implementation and Use of Low Voltage Appliances

Air University has a renewable energy solar system of 235 KVA which is very effective and helpful for Energy conservation. Two more blocks are being installed with solar panels having capacity of 200 to 250 KVA.

University is also using low wattage appliances like LED street lights, SMD/LED Screens, SMD ceiling lights in Class rooms & offices. Present university policy ensures that all air conditioners are replaced

with inverter technology, in passed manner. Air Conditioners which is more energy efficient, low voltage consumption in all weather conditions.



230Kva Solar Energy System



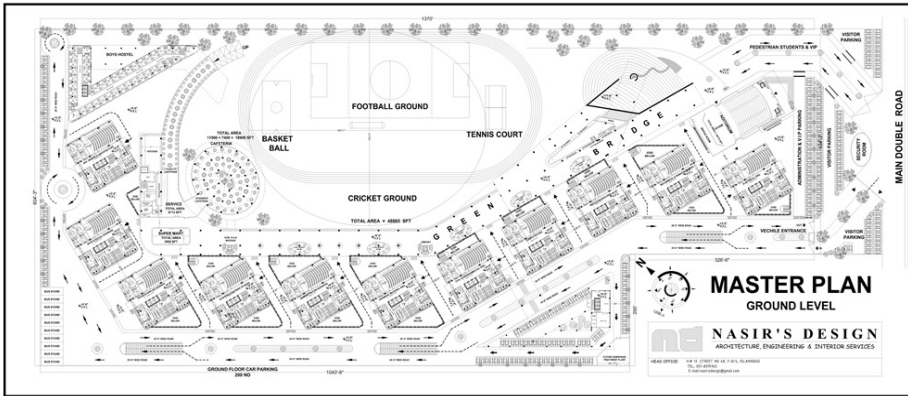
A 2500CFM Fresh air and Exhaust System are installed at Building



Exhaust Duct System install inside the building



Buildings are Designed and constructed to avail Full Ventilation and Sun Light naturally through very well orientation.



Attached layout plan of Air University sub campus which is detail described in above paragraphs is under construction and 02 No's of buildings has been fully constructed and ready for functional. Some of our departments will be shifted shortly in this campus.

Campus: Air University-Kamra Campus





Installed Solar System at AUAACK



The Solar Set-up

As part of the Green Campus program, AU Kamra has installed 250 KW (extendable to 500 KW) Solar set-up during Phase-I—the copy of Contractual document is attached for kind reference please. The similar set-up is being made part of Phase-II. To promote the cause of Green Campus, it would be dovetailed with the Sewage Treatment, Solar Agriculture, Rain Water Harvesting etc.

Solar Heating

In the Phase-II, Solar Heating is planned to provide Hot Water. The Solar Geysers are not preferred due to the higher sediment in this area. Instead, water heating is planned to be managed through PV Solar system. The similar method has been adopted in the case of Phase-I of the Project



Solar Plates installed at Air University Multan Campus



Solar Plates are installed on Roof Top of Buses Shed

Description:

Air University Multan Campus aims to generate all required energy from solar panels, for this, we installed solar plates at roof top of academic block, boys hostel and top roof of buses shed. Maximum capacity to produced energy from solar are 45000 units per month and requirement of whole campus electricity is 36000 units per month in the peak days of summer.

We installed 145 solar plates on busses shed, 445 plates on academic block roof top and 236 solar plates installed on roof top of boy's hostel. Each plate has capacity to generate 545 watts and collectively can produce 45000 units per month from solar.













Renewable Energy Sources in Campus

Solar Panel. Solar system comprising 10 panels has been recently installed as an austerity measure to conserve energy.





Renewable Energy Sources in Campus

Electricity Usage

Fazaia Bilquis College is currently working on the implementation of Solar Power system for one building of college and hostel building.

The college have a blend of all energy efficient:

LED Lamps and Tube lights

Fan

AC's

Projectors

When faculty, staff, and students leave their offices and classrooms, it is the primary responsibility of each department attendant to turn off all the appliances.

It will contribute to the reduction of the high cost of electricity.

Community Engagement and Partnerships:

Participants were educated on the significance of building strong relationships with local communities and collaborating with external stakeholders to address social issues and promote collective action. Examples of successful community engagement initiatives were shared, inspiring participants to actively engage with their surrounding communities.

Air University Student participation in Erasmus+ student exchange program 2022, at Anadolu University, Eskisehir, Turkey

AU team comprising of 6 students from AUSOM (Rimsha Zahoor, Hannan Waheed, Daniyal Innaya, Hafsa Shuja, Muneeba Malik, and Muhammad Sami) participated in Erasmus+ student Exchange program at Anadolu University Eskisehir, Turkey in spring semester 2022 for 5 months







In remembrance of Kashmir Solidarity Day

An event to give a message of peace and harmony for Indian occupied Kashmiri was organized in which songs; which develop a strong spirit of freedom, poetry; which narrate the situation of our oppressed Kashmiri brothers, and articles written with the message of 'Kashmir and Peace: How can an oppressed nation mend itself' were narrated on '15 February,2023'

The event was a Solidarity gathering in respect of Kashmir was organized by AU Music Society. It was planned with the conception to draw attention to the plight of our Kashmiri brothers. Shaken to the shots of bullets, crackles of clubs, fierce sounds of explosions, screams of children, sighs of mothers, and silenced voices of resistance against oppression. the students used the platform at the AU Arena to raise their voice for the establishment of peace and harmony in Occupied Kashmir. The event ended with a prayer for those hit by the devastating earthquake in Turkiye and Syria and for our lost souls and broken families in Kashmir.



Recognition and Gratitude: As a gesture of our gratitude, all donors will be acknowledged for their selfless acts of generosity. Your donation will be recognised, emphasising the critical role you play in assisting others in need.

Qalab-e-Saleem Blood Donation Camp 2023 19th March 2023



Health and Well-being:

Promoting physical and mental well-being among faculty, staff, and students was emphasized as a key component of sustainability. Strategies for creating a supportive and inclusive environment that prioritizes holistic wellness were discussed, including promoting healthy lifestyles, providing mental health resources, and creating safe spaces for all members of the community.

The Mental Health Awareness Seminar

Organized by the Air University Blood Donor Society on 22 February 2023, at AU Arena in collaboration with Pakistan Youth Club. The seminar featured two guest speakers, including a clinical psychologist, Ms. Khadija Tanvir, who discussed various aspects of mental health issues faced by the youth, stress management techniques, anxiety management, and daily life coping strategies for dealing with anxiety and depression. The event was a huge success with a turnout of over 200 attendees, providing valuable insights and practical tips to attendees. The seminar was able to raise awareness about mental health issues and promote the importance of prioritizing mental well-being.





World Mental Health Day 2023 at AU

World Mental Health Day is marked every year on October 10th to raise awareness about mental health around the world and to mobilize efforts in support of mental health. The World Federation for Mental Health (WFMH) announced the theme for World Mental Health 2023, which is "Make Mental Health for all a Global Priority". On account of the same, Air University organized a Session on Monday, 10th October, 2023

Topic: Mental Health & Wellbeing: Is it all in the Air?
Guest Speaker: Dr. Mowadat Hussain Rana, MBBS, MCPS, FCPS, DCPS-HPE, MCPS-HPE, D-CBT (Oxford), MRCPsych (UK), FRCPsych (UK), Professor of Psychiatry and Behavior Sciences.

Breast Cancer Awareness

Every October, Air University's constituent College Fazaia Medical institution commemorates Breast Cancer Awareness in order to raise awareness of the disease's causes in both men and women as well as possible preventative measures.





World No Tobacco Day 2023

Ethical Leadership and Responsible Citizenship:

The workshop underscored the importance of ethical leadership and responsible citizenship in driving sustainable practices. Participants were encouraged to foster a culture of ethical behavior and integrity within the organization, promoting transparency and accountability. Furthermore, responsible citizenship and civic engagement were highlighted as essential for creating positive social impacts both locally and globally.

Implementation of Sustainable Practices:

Practical sessions were conducted to teach participants how to implement sustainable practices within their respective roles and areas of influence. This included strategies for reducing energy consumption, minimizing waste, promoting recycling, and adopting eco-friendly alternatives. Participants were provided with resources and tools to support their sustainability efforts.