



SUSTAINABILITY REPORT

2024

Prepared by
**Directorate of Sustainability/
Quality Enhancement Cell**



www.uog.edu.com



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VISION OF UOG

To contribute for the development of knowledge economy, human capital and vibrant communities through quality teaching and research innovations.

MISSION OF UOG

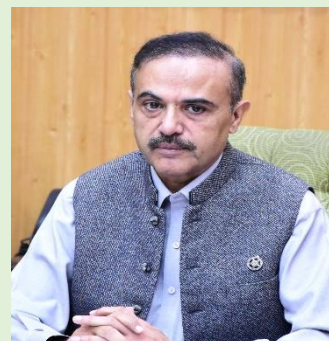
To produce competent human resource with an entrepreneurial outlook and understanding of indigenous and global challenges for building a vibrant society by providing conducive environment and state-of-the-art platforms.



VICE CHANCELLOR'S MESSAGE

It gives me great pleasure to present the Sustainability Report of the University of Gujrat (UOG), which highlights our ongoing commitment to fostering an environmentally responsible, socially inclusive, and economically sustainable campus community.

At UOG, sustainability is not merely a concept—it is a guiding principle that shapes our policies, research, education, and community engagement. Our university continues to align its strategic direction with the United Nations Sustainable Development Goals (SDGs), ensuring that every aspect of our academic and administrative operations contributes toward a more sustainable future. Through the collective efforts of our faculty, students, and administrative staff, UOG has made remarkable progress in areas such as energy efficiency, waste management, water conservation, sustainable transportation, and digital governance. The Directorate of Quality Enhancement (QEC), which also functions as the Directorate of Sustainability, has played a central role in monitoring, evaluating, and promoting sustainable initiatives across the university.



I am proud of our university's growing recognition at the national and international levels for its sustainable practices and academic excellence. It's a great achievement that UOG ranked 674th World Most Sustainable University in 2024 UI Green Metric World University Rankings, I believe our university will excel in forthcoming bulletins. In today's world, sustainability is not just a choice; it is an imperative need of the society.

I want to thank every member of our university community, students, faculty, staff, and our partners, for their unwavering dedication to this important cause. As we look to the future, I challenge each of us to think about how we can contribute to our sustainability journey. Together, we can make a difference, not only within the walls of our institution but far beyond. Let this be a source of inspiration for all of us to strive for a more sustainable and equitable world.

Thank you everyone for your commitment to sustainability, and I look forward to the positive changes we will create together.

Sincerely,

Prof. Dr. Zahoor ul Haq (TI)

Vice Chancellor | University of Gujrat (UOG)



MESSAGE OF THE DIRECTOR

It is a matter of great pride to present the Annual Sustainability Report of the University of Gujrat (UOG), reflecting our continued commitment to integrating sustainable development principles across all academic and administrative domains. The University of Gujrat recognizes that higher education institutions play a crucial role in shaping a sustainable future through education, research, innovation, and community engagement. Guided by the United Nations Sustainable Development Goals (SDGs), UOG has made significant progress in implementing sustainable practices related to energy conservation, waste management, water efficiency, green infrastructure, and digital governance.



The Directorate of Sustainability, operating under the Directorate of Quality Enhancement (QEC), has been actively engaged in planning, implementing, monitoring, and evaluating sustainability-related programs. We continue to work closely with departments and administrative units to ensure that sustainability is embedded in teaching, learning, research, and campus operations.

This report stands as a testament to the collaborative efforts of our faculty, students, and staff who contribute tirelessly toward creating a green, inclusive, and forward-looking university environment. Together, we are transforming UOG into a model of sustainable higher education in Pakistan.

This year's report not only highlights the milestones and achievements we have reached but also illustrates the path we are charting for our continued sustainability journey. It is a manifestation of the dedication and hard work of our students, faculty, staff, and administration, who have embraced sustainability as a core value. These achievements align with our mission to provide an outstanding education and contribute to the well-being of society and the environment.

With gratitude and hope for the future,

Ms. Farhat Kausar

Director Quality Enhancement Cell

Director Sustainability

University of Gujrat



SUSTAINABILITY OFFICE

The team is comprised of the Director Sustainability, Ms. Farhat Kausar, along with her team members Dr. Zaki ul Zaman (Associate Professor of Environmental Sciences) and Ms Shagufta Mubarik (Data Analyst Sustainability). The Sustainability Office team has been working on youth engagement, advocacy and partnerships to host educational events at the university and facilitate the participation of young climate activists on campus.



Ms. Farhat Kausar
Director Sustainability/QEC



Dr. Zaki ul Zaman Asam,
Associate Professor ES



Shagufta Mubarik
Data Analyst QEC



INTRODUCTION

The University of Gujrat was established through a charter by the government of Punjab in 2004. It is located about 15km from the city of Gujrat. It comprises Hafiz Hayat Campus and one sub campus in Mandi Bahauddin. For the nourishment of scholarly aptitude and skills, besides offering regular four-year degree programs, ranging from basic sciences to art, design and architecture, engineering to business studies, sociology to medical sciences and law to geosciences, it also offers two-year associate degree programs in various disciplines deploying community participation. The university focuses on academic subjects and research concurrently.

Since taking the charge of this esteemed institution, Prof. Dr. Zahoor ul Haq is showing great commitment both for the development of research and teaching environment in alignment with UN sustainable development goals by involving local stakeholders. A wide range of new undergraduate and graduate degree programs along with the implementation of e-learning and management systems have been initiated this year. The University of Gujrat has seven faculties and 33 academic departments. It offers approximately 150 programs at Associate Degrees, BS, Masters, Mphil and PhD levels. There are more than 211 PhDs among a total of about 690 faculty members. There are also students registered as private candidates to whom the UOG awards degrees after annual examinations. Strategically located, it is providing education not only to rural localities of Gujrat but also to the people of surrounding districts of Golden Tri angle encompassing Sialkot, Gujranwala and Gujrat. It has one of the largest fleet of student buses that ply on different routes of Gujranwala, Mandi Bahauddin, Sialkot, Jehlum, Kharian, Bhimber and Gujrat districts.



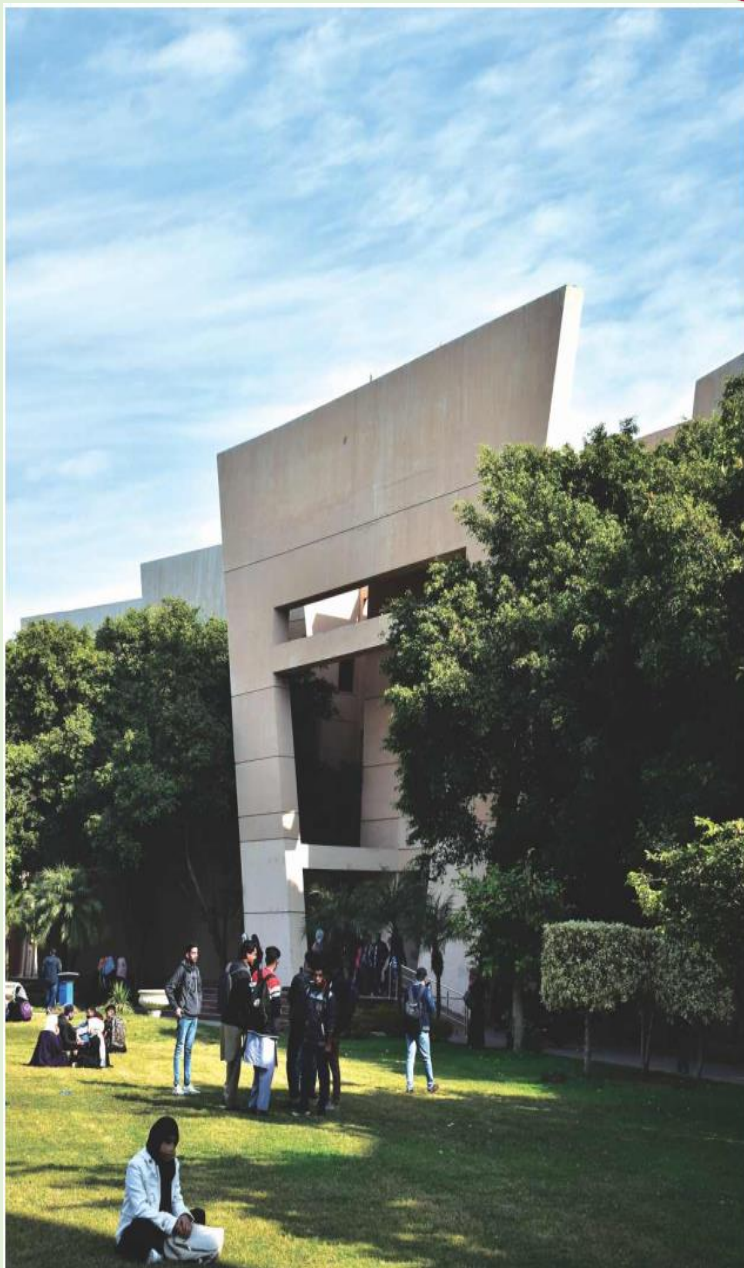


In the university of Gujrat, there are different courses related to SDGs like “Introduction to Environmental Sciences” course is part of multiple degree program for better understanding of the local and global environmental and sustainable issues. Besides that, there is Department of Environmental Sciences and Geography offering Bachelor’s, Master’s and doctoral degree programs, with the majority of courses focusing on environment, sustainability, and climate change education.

There are more than fifty clubs and societies that are providing unique platforms for the engagement in the “Sustainable Development Goals” (SDGs).

UOG Green Society and UoG Green Youth Club (GYC), Character Building Society etc. for the promotion of SDGs these societies and clubs organize different events, seminars and competitions both for students and local

community. As a firm commitment with the SDGs, UOG community round the year doing various steps like; incorporation of SDGs in the curriculum, addition of new topics for raising understanding of students for sustainable issues at national level.

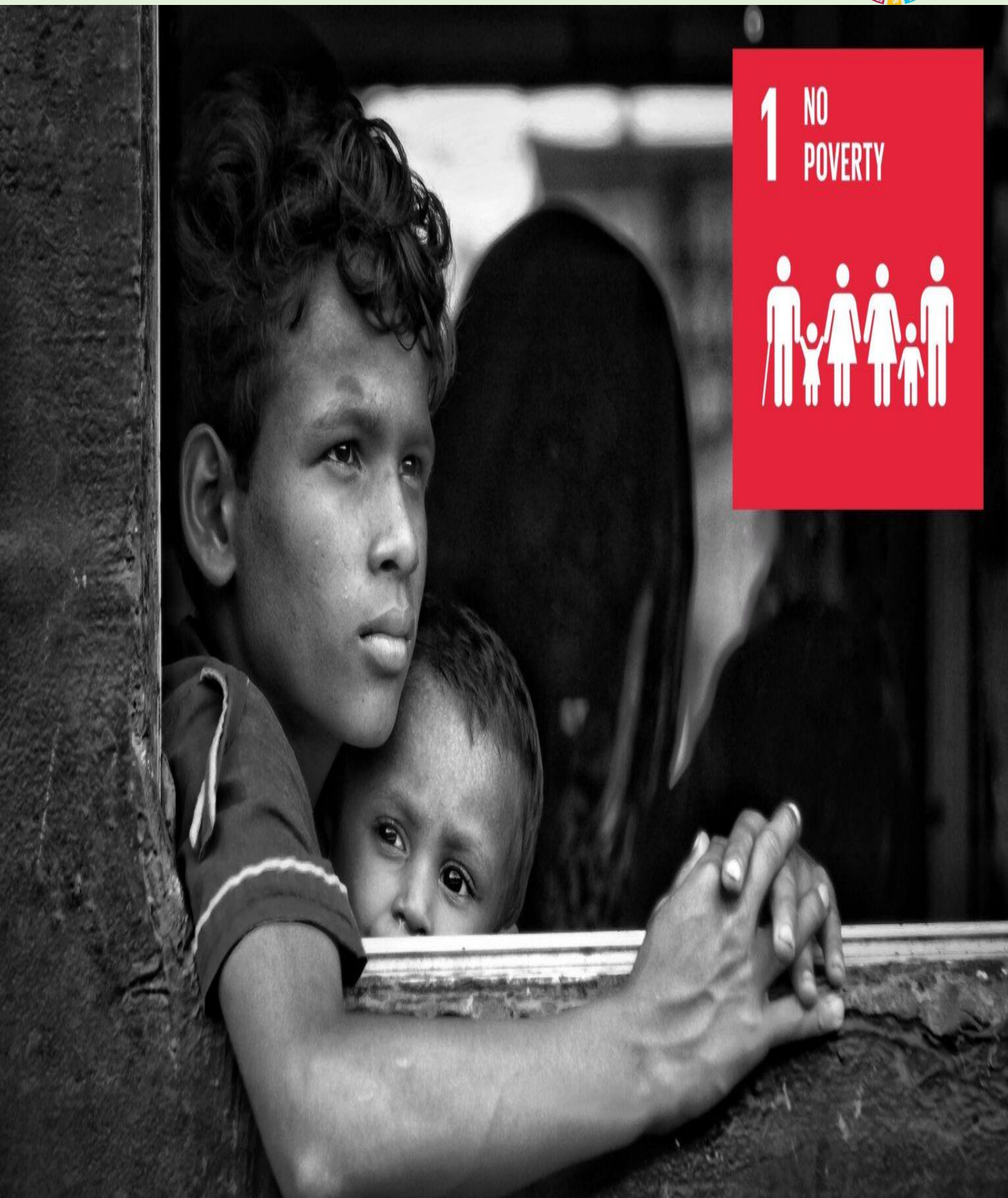




IMPLEMENTATION OF UNs SUSTAINABLE DEVELOPMENT GOALS (SDGS)



1 NO
POVERTY





SDG 1: NO POVERTY

As Pakistan is a developing country and its substantial population belongs to the middle-class families and are hardly able to meet their ends through their own sources. The University of Gujrat is playing her part on the agenda – Leaving No One Behind-by helping needy and deserving students financially. The UOG is contributing to help the needy people in the community by participating in national poverty reduction programs. The University of Gujrat has contributed tremendously to achieving this goal.

The Poverty Research Centre at University of Gujrat is established that aims to address the critical issues of poverty, inequality, and human development in developing countries, emphasizing Pakistan. The Syndicate has approved the PRC at the University of Gujrat as a dedicated research Centre.

<https://uog.edu.pk/en/research/poverty/>

The activities performed by UOG during the year towards No Poverty all around are as follows;

Type of Scholarships	UNIVERSITY OF GUJRAT SCHOLARSHIPS FY 2025-26								
	No o f Students	Scholarship student (Avg.)	Amount per Semester	No o f Students	Scholarship student (Avg.)	Amount per Semester	Total Students	Total Amount for Semester	Total Amount for Year
	Existing Students (2022-24)			New Students (2025)					
	EDI Scholarships								
UOG Scholarships for Orphans / Single Mothers	556	47,500	26,410,000	439	65,000	28,535,000	1929	82,575,000	165,150,00
UOG tuition Fee Concession	656	22,500	14,760,000	13	65,000	845,000			
HEC Scholarships	255	45,000	11,475,000			0			
UOG Flood relief Scholarship	10	55,000	550,000			0			
Total	1477		53,195,000	452		29,380,000			
Quota Scholarships									
Physically Challenge Students	36	55,000	1,980,000	6	65,000	390,000	370	23,425,000	46,850,000
Baluchistan Quota	68	65,000	4,420,000	40	75,000	3,000,000			
FATA/IDP Quota	43	65,000	2,795,000	59	75,000	4,425,000			
Employee Child Quota	72	50,000	3,600,000	35	65,000	2,275,000			
Faculty Development Program	5	30,000	150,000						
Minorities				6	65,000	390,000			
Transgender									
Total	224		12,945,000	146		10,480,000			
	Merit Scholarships								
Top Board Position Holders Pk				2	65,000	130,000	957	17,205,000	34,410,000
Overseas and AJK (Top 50)				50	65,000	3,250,000			
Hafiz e Quran (Top 5)				5	65,000	325,000			
UOG Merit Scholarship (semester)	900	15000	13,500,000						
Dean's Merit Scholarship (Annual)									
Total	900		13,500,000	57		3,705,000			
	GRAND TOTAL						3256	123,205,00	246,410,00
	GRAND TOTAL (IN M ILLIONS)						3256	123.21	246.41



ANTI-POVERTY PROGRAMS OF THE UNIVERSITY

- + Admitted Students from low-income areas of country
- + Fee Waive off for Flood Affectees
- + Fee waive off for Baluchistan and AJK Students
- + Overall Admission Targets Achievement for low Income Students
- + Fee Waiver to UOG Employee
- + University Hostel / Accommodation Facility
- + Affordable Transport Facility
- + Student Counselling Session
- + E-Rozgar Center
- + Access to university facilities
- + Short Courses on Digital Marketing/e-learning (e-Rozgar Center)
- + Training and introductory session for Online earning /Freelancing
- + Various start-up programs in collaboration with Punjab Information Technology Board
Government of Punjab
- + Training Session on Career Exploration
- + Humanitarian Assistance for flood affectees students



2 ZERO
HUNGER

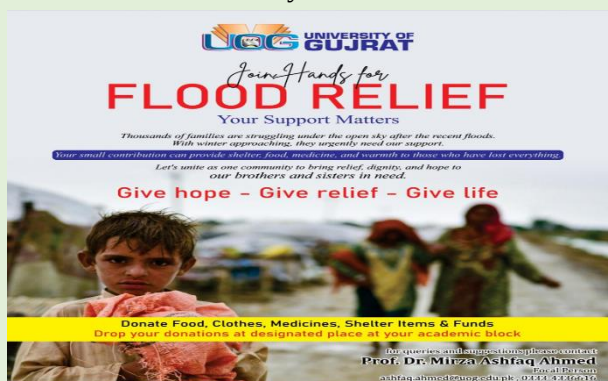




SDG 2: ZERO HUNGER

The ability to feed the world is a key element of sustainable development. If done right, agriculture, forestry and fisheries can provide nutritious food for all. At the same time, it can ensure rural development with people at the center of the process, supporting the incomes of those who rely on Agriculture. The activities performed by the UOG during the year towards the UNO SDG 02 to end the hunger, achieve food security and improved nutrition and promote sustainable agriculture is as follows;

- ✚ Relief activities for flood victims
- ✚ Hygienic Food Stall by IHRM in front of UOG Guest House on April 2025
- ✚ Impact of Climate Change on Food Security” on November 13, 2024.
- ✚ Students of UOG have completed their research projects to significantly contribute in this cause and eradicate hunger from the society.
- ✚ Students of Institute of Hotel & Restaurant Management launched a one-day Campus Cleanliness Drive on 16-October 2024 as their contribution to the University and a befitting conclusion to World Food Day.





3 GOOD HEALTH AND WELL-BEING





SDG 3: GOOD HEALTH AND WELLBEING

Good health & well-being is the third important sustainable development goal. It aims to promote wellbeing and a healthy lifestyle for all at all ages. This goal addresses all vital health priorities to ensure sustainable development. Ensuring healthy lives and promoting well-being at all ages is essential to sustainable development. There is an urgent need to fully eradicate a wide range of diseases and address many different persistent and emerging health issues. The University of Gujrat (UOG) deals with specific conditions and diseases, and support their community as follows;



2. Female students urged to promote healthy lifestyle



4. Intervarsity Table Tennis (Men) Zone-F Championship 2024-25 organized by the Directorate of Sports, University of Gujrat
5. Formation of Blood Donation Society and Seminar: Donate Blood, Save Life

diseases, and support their community as follows;

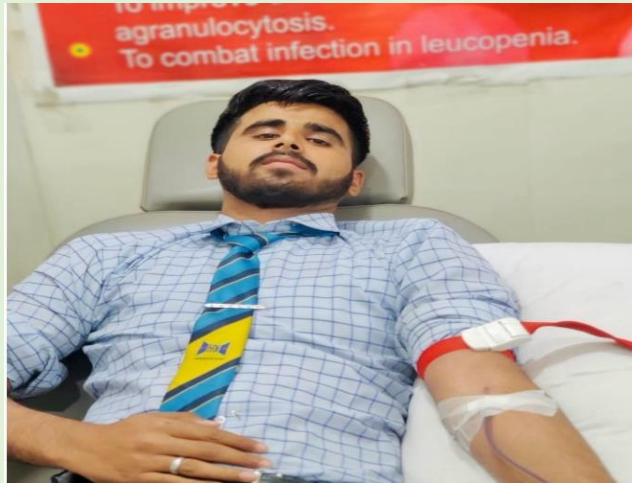
1. Sports Quota Trials at the University of Gujrat (UOG) for Fall-2025 admissions



3. Jashan-e-Azadi & Marka-e-Haq Celebrations, Sports championship for Administrative Staff - 2025 organized by the Directorate of Sports.

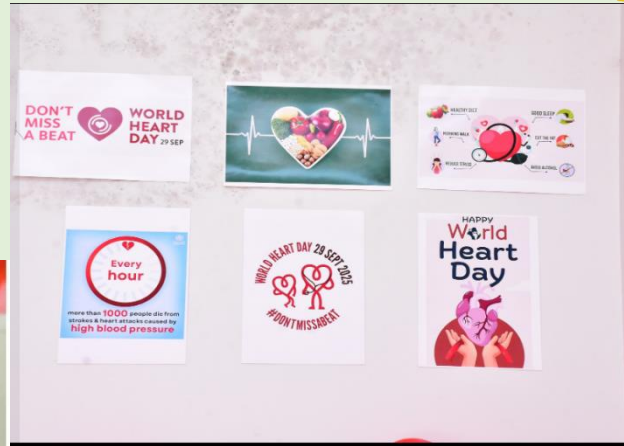


6. In commemoration of World Heart Day, the University of Gujrat (UoG) reaffirmed its commitment to public health by hosting an awareness event aimed at combating the growing threat of heart disease in Pakistan.



organized by department of Biochemistry & Biotechnology

8. Awareness Seminar on STEM Learning Session



Organized by the UoG Healthcare Centre, the event brought together medical professionals, students and faculty to promote preventive care and healthy living.

7. Breast Cancer awareness seminar



9. Awareness walk on mental health

10. Seminar on General Women Health Awareness

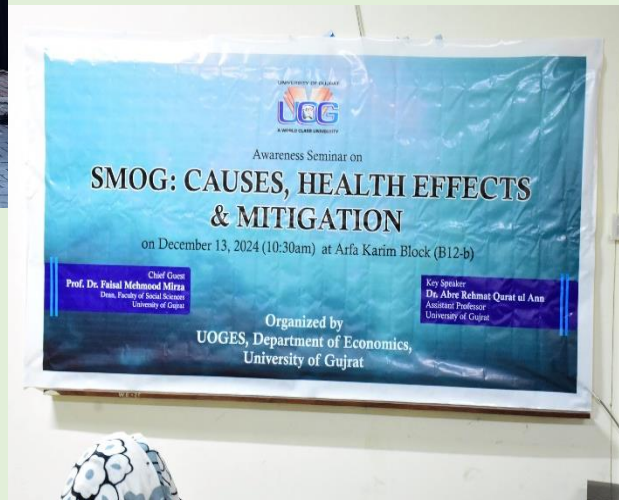


13. An Awareness Seminar on 'Drugs Abuse'



11. Awareness Seminar on SMOG: CAUSES, HEALTH EFFECTS AND MITIGATION.

12. Cricket match between administrative & academic staff of UOG.



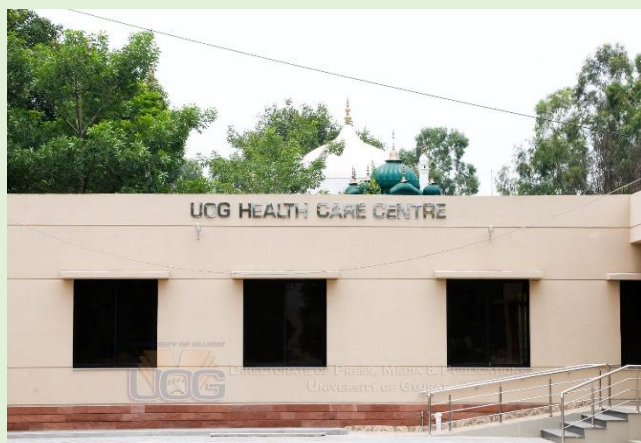


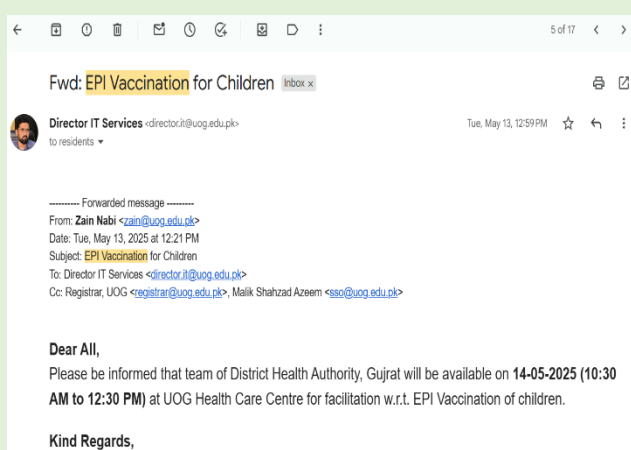
14. UOG Annual Sports Gala



UOG HEALTH CARE CENTRE

A Health Care Center was established in the university of Gujarat. The prime aim of establishing this facility was to provide primary care/treatment to the students, faculty and staff of University of Gujarat. Health Care Center contains Reception, Medical Inspection Room, Diagnostic Lab and Detention/Treatment Room. Medical officer examines the patients in Medical Inspection Room and advises treatment accordingly. Diagnostic Lab has the facility to carry out routine investigations helpful in diagnosis. Detention/Treatment room is used to detain and treat the patients as per advice of the Medical officer. The Health Care Center also provides medicines to the patients accordingly. Patients who need consultation/ treatment from concerned specialists are transferred through University Ambulance to ABS Teaching Hospital where they can get admission if required. In the last academic year, health care center added a laboratory and ambulance to facilitate the staff and students. District Health Authority, Gujarat visits monthly at UOG Health Care Centre for facilitation w.r.t. EPI Vaccination of children.

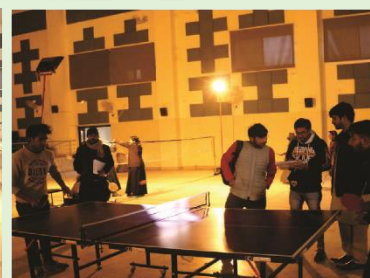




UOG FITNESS CENTER

Hundreds of scientific studies and researches across the world have conclusively proved that regular physical activity leads to a higher life expectancy and better quality of life by maintaining fitness. The great popularity of gyms, fitness centers and health clinics endorse is results from this realization that exercise is fundamental step for excellent physic.

UOG's management is highly concerned about the fitness of its faculty and students. It has established 04 fitness centers in UOG for faculty, students' male and female separately. These fitness centers are fully equipped with modern machinery and students as well as faculty and staff members of UOG use these centers regularly.





4 QUALITY EDUCATION





SDG 4: QUALITY EDUCATION

A high-quality education is an area where universities excel. Education is a key gateway out of inequalities, especially multi-generational ones. In addition to improving quality of life, access to inclusive education can help equip locals with the tools required to develop innovative solutions to the world's greatest problems. SDG 4 explores early years and lifelong learning. The University of Gujrat (UOG) supports early years, lifelong learning, and the nations through ensuring equality of access to their facilities. The Quality Enhancement Cell (QEC) of UOG established on January 3, 2008. The QEC's function is to promote quality culture in higher education by ascertaining quality standards and continuous enhancement of the quality parameters. The QEC has undertaken the responsibility of quality assurance and enhancement with a great commitment and devotion. The cell has secured its position in the W category in the HEC ranking since the inception of the quality cell.

QUALITY ASSURANCE PRACTICES

The QEC has established a vibrant and robust mechanism for implementing quality processes and procedures at the UOG. It has achieved the targets of implementation of quality assuring practices at the UOG. The university is being led by a dynamic leader with a great potential to foresee the impact of quality in education. His innovative approaches have earned applause from all quarters of the UOG and QAA of the HEC.

Quality enhancement practices at the UOG include feedback surveys, program reviews, periodic assessment, auditing of courses, monitoring of classes and examinations, training and workshops to promote quality culture. The feedback mechanism comprises of student course evaluation, faculty course review, survey of graduating students, research student's progress review, faculty survey, Alumni survey, Teachers' Evaluation survey and survey of departments offering the PhD. program. The input thus obtained from different stakeholders is subjected to statistical analysis, which is then utilized in academic decision-making improvement. The review process comprises of self-reviews performed at departmental level, peer review of programs by experts of national repute, and external review by quality assurance bodies to assess our strengths and enhance our capabilities. The program appraisal includes a review of program objectives, outcomes, curriculum, institutional facilities, and institutional support through a systemized process of Self-Assessment of Programs. This periodic assessment ensures continuous improvement in the program segments evaluated by assessment teams, clearly indicating the areas that need improvement. The QEC has also extended its activities at sub campuses and established the QEC at affiliated colleges.



MEMBERSHIP AND ACCREDITATIONS

Quality Enhancement Cell has acquired membership of the International Network for Quality Assurance Agencies in Higher Education (INQAHEE), APQN and PCTN in order to develop academic standards, review existing quality parameters and implement qualification frameworks. QEC also encourages the accreditation of programs with reputable accreditation bodies i.e. Pakistan Medical and Dental Council (PMDC), Pakistan Engineering Council (PEC), National Computing Education Accreditation Council (NCEAC) and National Accreditation Council for Teacher Education (NACTE), National Business Education Accreditation Council (NBEAC), Pakistan Bar Council (PBC), Pakistan Council of Architects and Town Planner (PCATP). Moreover, Director QEC being a member of the Syndicate, Selection Board, Academic Council, Advanced Studies and Research Board, Board of Studies, Board of Faculties and Finance and Planning Committee, provides his opinion and expertise in various matters pertaining to quality assurance and enhancement in higher education.

COMMUNITY ENGAGEMENT THROUGH EVENTS:

1. Reimagining Pedagogical Approaches: Transforming Classroom Cultures” organized by the Quality Enhancement Cell (QEC) for Affiliated Colleges (QECAC), University of Gujrat.





2. RIPE Review Conducted at UOG for 2024-25



(QEC) of the University of Gujrat has set up an Institutional Quality Circle (IQC) to ensure the effective implementation of various initiatives and reforms aimed at propping up the quality and standards of education and research at the varsity. The decision was made by Vice Chancellor Prof. Dr Zahoor-ul-Haq, who chaired a meeting organized by the QEC and attended by senior faculty and administrative staff.

3. As per HEC requirement “MPhil/ Ph.D Review” of University of Gujrat was carried out from 11-13 December, 2024 and Mr Hadi Iqtidar, Director QEC, Lahore College Women University, Lahore was invited as an expert to conduct the review, organized by the QEC, UOG.
4. The Quality Enhancement Cell



5. Collaboration of UOG in 4th International conference of PNQAHE & Annual General meeting held on 3-5 March, 2024.

6. A two-days training workshop on "QEC/QECAC Capacity Building Program on Implementing Quality Assurance Standards in Affiliated Colleges (ACs)" attended by the



QEC staff at Regional Centre Higher Education Commission, Lahore, on 18-19 December 2024.

7. The Vice Chancellor of University of Gujrat, Prof. Dr. Zahoor Ul Haq, chaired the session of keynote speakers at the 5th International Conference of Pakistan Network of Quality Assurance in Higher Education (PNQAHE) at Forman Christian College University Lahore on Wednesday, 16th April, 2025. UOG participate as a Sponsor in 5th International Conference & Annual General Meeting (AGM) 2025 April 14-16, 2025, Lahore, Pakistan.



5th International Conference of Pakistan Network of Quality Assurance and Mutual Emulation (PNOQAHE) (Ragat)

Conference of PNOQAHE General Meeting (AGM)



PNOQAHE
Pakistan Network of Quality Assurance and Mutual Emulation
13th April, 2023

April 14-16, 2025

At Farman Christian College
(A Chartered University-FCU)
Lahore, Pakistan



THEME

Shaping Higher Engagement in Quality Assurance – Shaping Higher Education with Inputs from All Relevant Voices

Programs

- * Pakistan Network of Quality Assurance in Higher Education (PNOQAHE)**

S.No.	Topic	Time	Speaker
1	Opening (09:00 am-10:30 am)		
2	1. Institutional Self-Inspection: Guidelines and Practices for Quality Assurance 2. Mapping ISO Model: Overview 3. Feedback	10:30 am-12:00 pm	Dr. Farzana Naeem Dr. Ghazala Farooq Dr. Ghazala Farooq
3	1. Quality Management System: Monitoring & Evaluation for Quality Assurance 2. Standards for Quality Assurance	12:00 pm-1:30 pm	Dr. Ghazala Farooq Dr. Ahsan Ghafoor
4	1. Understanding Quality Assurance in Higher Education 2. Role of Quality Assurance in Higher Education 3. Enhancing Quality Assurance in Higher Education 4. Improving standards for quality assurance: Integrating Education & standards in higher education 5. Strategies for Quality Assurance Implementation and Standardization 6. Progress in the internal and external quality assurance in Higher Education 7. Quality Assurance and Quality Assurance in Higher Education	1:30 pm-3:00 pm	Dr. Farzana Naeem Dr. Ghazala Farooq Dr. Ghazala Farooq Dr. Ghazala Farooq Dr. Ghazala Farooq Dr. Ghazala Farooq Dr. Ghazala Farooq

International Guest Speakers



Prof. Ahsan Ghafoor | Chair Quality Assurance Officer of PNOQAHE



Mrs. Nigam Ashraf | Assistant Vice-Chancellor of the University of Kashmir



Dr. Ghazala Farooq | Assistant Vice-Chancellor of the University of Kashmir



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Dr. Ghazala Farooq | Assistant Vice-Chancellor of the University of Kashmir

S.No.	Subject	Faculty/Staff/Student	Faculty/Staff/Student	Faculty/Staff/Student	Faculty/Staff/Student	Faculty/Staff/Student	Faculty/Staff/Student
1	Registration for the Conference	10:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM
2	Registration for the Conference	For one week	For one week	For one week	For one week	For one week	For one week
3	Registration for the Conference	For one week	For one week	For one week	For one week	For one week	For one week
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26	Registration for the Conference	For one week	For one week	For one week	For one week	For one week	For one week
27	Registration for the Conference	For one week	For one week	For one week	For one week	For one week	For one week
28	Registration for the Conference	For one week	For one week	For one week	For one week		





8. One day training workshop on the topic “Review of Institutional Performance and Enhancement (RIPE)”, organized by the QEC, UOG on dated 14th January, 2025. Mr Rehmat Ullah, Deputy Director QEC, University of Sargodha was the resource person of this workshop.
9. One-day training workshop on the topic ““PREE (Program Review for Effectiveness and Enhancement)”, organized by the QEC, UOG on dated 15th January, 2025. Mr Rehmat Ullah, Deputy Director QEC, University of Sargodha was the resource person of this workshop.





5 GENDER EQUALITY





SDG 5: GENDER EQUALITY

Women and girls continue to suffer discrimination and violence in every part of the world. Gender equality is a fundamental human right, and a foundation for a peaceful, prosperous and sustainable world. Providing women and girls with equal access to education is a key part of delivering gender equality, but universities also have a wider role to drive forward gender equality in their communities. In this scenario. The University of Gujrat is providing access and then supporting academic progression of women.

Gender Equality is the fifth SDGs set by the United Nations to empower women and end gender discrimination through social cohesion. The UOG is providing equal admission opportunities based on merit as per the university's prescribed rules & regulations, policies, and procedures. Equal admission opportunity refers to all people, irrespective of gender, race, color, age, religious belief, marital or parental status, having the same access to employment and admission. Mainly, the university environment is free of gender discrimination or harassment and provides equal opportunities to women. Approximately 59% of female students and 41% male students are studying at the main campus, i.e., Hafiz Hayat Campus, UOG, Gujrat. The University of Gujrat always strives to provide equal facilities to all genders. The University does not discriminate admissions on the basis of religion. All students who meet the merit criteria are eligible for admission, irrespective of caste, creed or religion.

1. UOG has adopted the Protection Against Harassment of Women Policy:

https://uog.edu.pk/downloads/Protection_Against_Harassment_Women_Workplace.pdf

https://uog.edu.pk/downloads/CODE_OF_CONDUCT_URDU.pdf

https://uog.edu.pk/downloads/Policy_Protection_against_Sexual_Harassment_2024.pdf

https://uog.edu.pk/downloads/Focal_person_Sexual_H.pdf



[https://uog.edu.pk/downloads/Appellate Committee 2024.pdf](https://uog.edu.pk/downloads/Appellate_Committee_2024.pdf)

2. The University of Gujrat's (UoG) School of Law hosted a seminar on 'Women's Property Rights & Harassment of Women at Workplace' here at Hafiz Hayat Campus on October 16, 2024.



3. The Women Development Centre of the University of Gujrat and the Women Development Department (WDD) of the Government of Punjab jointly organized an awareness session at Hafiz Hayat Campus.



4. Department of Sociology & Psychology organized workshop and peaceful walk on International Women Day (IWD)





5. The Hayatian Sociological Society (HSS) of the University of Gujrat has organized One-day workshop titled “No Excuse: A Global Call to End Violence against Women” on December 02, 2024 (Monday).

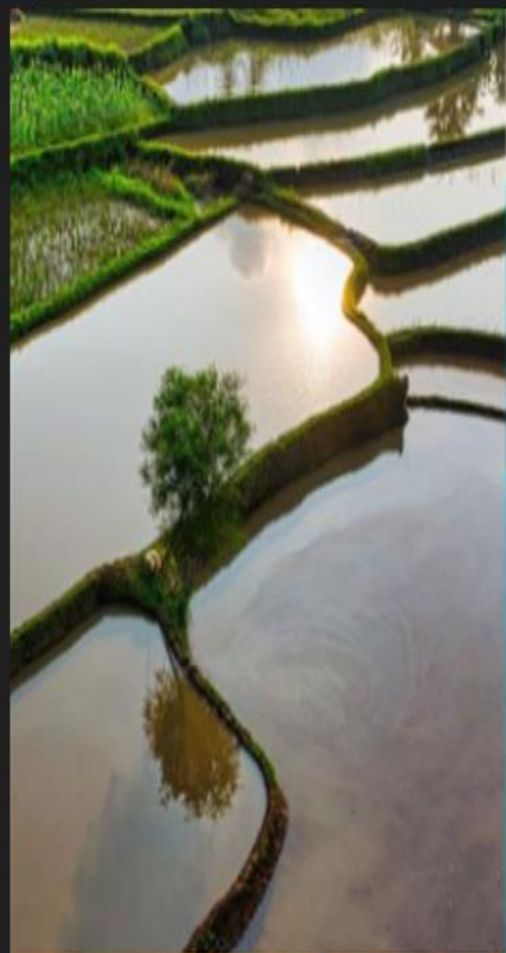
6. Women's Day celebrated with focus on food, future and all that jazz



7. The Department of Sociology has organized the 2024 International Day of the Girl theme is ‘Girls’ vision for the future’ by United Nations (UN) in collaboration with Student Service Center at University of Gujrat.

8. The Department of Sociology at the University of Gujrat successfully hosted an engaging and impactful 4-day Capacity Building Training in collaboration with @ukinpakistan and @ssdo_pakistan.





6 CLEAN WATER AND SANITATION





SDG 6: CLEAN WATER & SANITATION

Water supports out agriculture and aquaculture. Clean water is vital. However, due to bad economics or poor infrastructure, millions of people including children die every year from diseases associated with inadequate water supply, sanitation and hygiene. The University of Gujrat ensure access to water and sanitation for all. UOG is committed to provide clean water and focus over sanitation. University encouraged to conduct research with close collaboration of ORIC and involvement of key stakeholders like “Water and Sanitation Authority of District Gujrat for the provision of clean drinking water. Currently water filter installed in buildings and in the campus for the availability of the students, staff and faculty. University is strengthening its capacity in SDGs#6.

UOG workshop explores green energy solutions. With a view to providing hands-on training to students on exploring ways to generate bioelectricity through wastewater treatment, a two-day national workshop opened at Hafiz Hayat Campus of the University of Gujrat. The workshop, titled ‘Microbial Fuel Cell Technology: Powering the Future Sustainability – Exploring Bioelectricity Generation through Wastewater Treatment,’ was organized by the Department of Chemistry in collaboration with ORIC, the Bio Electroanalytical Laboratory and the Molecular Biology Laboratory of the Department of Zoology.

Water Conservation Program Implementation: All buildings of the University of Gujrat have a separated sewerage and drainage system, for waste water and for clean water (rainwater).

Two Days National Workshop On
Microbial Fuel Cells Technology: Powering The Future Sustainability
 EXPLORING BIOELECTRICITY GENERATION THROUGH WASTEWATER TREATMENT

SCOPE
 The scope of this workshop is to provide a comprehensive understanding of microbial fuel cells (MFCs), covering their fundamental principles, recent advancements in electrode and membrane materials, and their practical applications in wastewater treatment and bioenergy generation. The workshop also aims to offer hands-on training in MFC construction and performance evaluation, while addressing challenges related to MFC construction, bio-electrochemical performance and microbial community analysis etc.

8-9 October, 2025 (9:00am to 3:30pm)
 at Department of Chemistry/Zoology, UoG

Organized by Bio-Electroanalytical Laboratory, Department of Chemistry
 In collaboration with Molecular Biology Laboratory, Department of Zoology & Office of Research Innovation and Commercialization (ORIC), University of Gujrat

Supported by HEC Funded Research Project, NRP-14751

Organizing Committees

Advisors / Supervision
 Prof. Dr. M. Asim Raza, Professor, Department of Chemistry, University of Gujrat
 Dr. Khalid Iqbal (Deputy Manager), Dr. Tahir Rashid (Assistant Manager), Miss Fozia Raza (Superintendent), ORIC, University of Gujrat

Chief Organizer
 Dr. Muhammad Waseem Mumtaz, Bio-Electroanalytical Laboratory, Principal Investigator NRP-14751, Assistant Professor, Department of Chemistry, University of Gujrat

Event Coordinator
 Dr. M. Hameed, Associate Professor, Department of Chemistry, University of Gujrat

Training Assistant
 Mr. Haseeb Ashraf, Mr. Abdul Qadeer, Mr. Abdullah, Miss Rubab Zahra, Miss Samra Anshad, Mr. Hannan Tahir, Miss Zara Mukaddas, Miss Sahabat Bibi, Miss Soniya Mazhar

Workshop Highlights
 • Fundamental of MFCs
 • Design & Construction of MFCs
 • Role in wastewater treatment
 • Electrode Materials & Microbial Community
 • Printed Certificate
 • Refreshment

Registration Fee: 1000/-
 Last date of Registration 28th September

Resource Persons
 Prof. Dr. Nemat Mahdian, Co-Principal Investigator NRP-14751, Director (EA), Institute of Industrial Biotechnology, Dareslab, QIC, UoG University Lahore, Pakistan
 Dr. Muhammad Waseem Mumtaz, Principal Investigator NRP-14751, Assistant Professor, Department of Chemistry, University of Gujrat
 Dr. Tahir Iqbal, Molecular Biology Laboratory, Department of Zoology, University of Gujrat
 Dr. Syed Ali Raza, Water Resource Zone, PAF, Govt of Punjab, Pakistan

Organized by:
 Bio-Electroanalytical Laboratory, Department of Chemistry in Collaboration with Molecular Biology Lab, Department of Zoology and ORIC, UoG
Supported by HEC Funded Project NRP-14751

The water filtering Unit with the capacity of 24000 gallons are continuously providing safe





and filtered water to the students, employees and the residents of UOG HH campus.

Water Recycling Program Implementation:

Gujrat city falls in sweet water zone. A total of 65 tube wells fall under the domain of MC Gujrat. Approximately 2 main water filtration plants are located in HH Campus of UOG.

1. Major portion of the wastewater generated at the UOG HH campus is aerobically treated and is then used for watering plants and vegetation.
2. The water filtering Unit with the capacity of 15,000 gallons per day respectively are



continuously providing safe and filtered water to the students, employees and the residents of UOG.

3. Water Efficient Appliances Usage (e.g. hand washing taps, toilet flush, etc.)



Consumption of Treated Water: Major portion of the wastewater generated at the UOG HH campus is aerobically treated and is then used for watering plants and vegetation.

Two central water treatment plants have been installed in University of Gujrat HH Campus which is monitored regularly. Moreover, other small treatment setups are installed along with the water coolers to make access to clean drinking easier. There are two central water filtration Units with the capacity of 24,000 gallons per day respectively are continuously providing safe and filtered water to the



students, employees and the residents of UOG. it located at Backside of University Masjid and front side of Girls Hostels and other is located in front of Academic Blocks.

Water pollution control in Campus area: University of Gujrat situated in rural area and the underground water is mostly used. Therefore, there is no polluted water is produced. However, UOG has a system to prevent polluted water to enter the water system by using waste water management and micro filter. The recycled water is streamed to infiltration units, which then can be used as reserved for water resources.

University Framework on wise Use of Water: The University of Gujrat (UOG) recognizes sustainable water management as a key priority area to conserve natural resources and promote environmental stewardship. The university has started to plan the ICT-based solutions of its water management initiatives.

Activity	Description
Campus Water Audit	Initial assessment of water consumption patterns, storage capacity, and potential wastage points.
ICT Infrastructure Planning	Identification of suitable technologies (online dashboards, leak sensors) for implementation.
Strategic Policy Development	Drafting and approving the Campus Water Conservation Policy emphasizing digital monitoring and sustainability.
Budgeting & Resource Allocation	Allocation of funds for smart water meters, water-saving fixtures, and maintenance systems.

Projects on the topic of “Design and application of photo-catalytic reactor for treatment of industrial waste water”



Dr. Syed Ali Raza from Water Resource Zone, Punjab irrigation Department, Lahore delivered an expert lecture on "Advancing Sustainable Wastewater Treatment. The Role of Microbial Fuel Cells in Resource Recovery and Reuse"



Daily Times
Your right to know Wednesday, October 16, 2025

Trending: Kashmir Elections

HOME LATEST FLOOD DISASTER 2025 PAKISTAN WORLD EDITORIALS & OPINIONS BUSINESS SPORTS LIFESTYLE E-PAPER

The workshop was jointly organized by ORIC, the Bioelectroanalytical Laboratory of the Department of Chemistry, and the Molecular Biology Laboratory of the Department of Zoology. The resource persons included Prof. Dr. Hamid Mukhtar (Director OEC, GC University Lahore), Dr. Syed Ali Raza (Water Resources Zone, Government of Punjab), Dr. Muhammad Waseem Mumtaz, and Dr. Tahir Iqbal. Dr. Humayun Afridi served as the coordinator of the workshop, which was held under HEC's NRP Project No. 14751.

The primary objective of the workshop was to provide students with practical training and research experience on various experimental techniques and methods related to bioelectricity generation through wastewater treatment.

The concluding session was attended by distinguished guests including Prof. Dr. Adil Rasheed (Director ORIC), Dr. Muhammad Asim Raza, and Dr. Razia Iqbal. Students from various departments of UOG, as well as from different universities across Punjab, participated in the workshop and received hands-on training in multiple sessions.

At the closing ceremony, Prof. Dr. Zahoor Ul Haq presented commemorative souvenirs to the organizers, laboratory training assistants, resource persons, advisors, and supervisors, while certificates of completion were awarded to the participating students.



SEWERAGE DISPOSAL POLICY

The University of Gujrat (UOG) has implemented a Sewerage Disposal Policy that ensures environmentally responsible wastewater management across the campus. The policy adopts a primary treatment process before final disposal, allowing for the removal of solid waste and suspended particles to reduce environmental contamination.

This approach supports the university's commitment to sustainable infrastructure and environmental protection. The treated wastewater is safely discharged in compliance with local environmental standards, minimizing the ecological footprint of campus operations.





7 AFFORDABLE AND
CLEAN ENERGY





SDG 7: AFFORDABLE AND CLEAN ENERGY

After water and food, energy is one of the key enablers of human life. Energy is central to nearly every major challenge and opportunity the world faces today and access to energy for all is essential. But energy needs to be available and affordable to all to allow future development, and it needs to be clean in order to ensure that the development can be sustainable. The University of Gujrat promotes and supports clean



energy, both through research, outreach, and also in their own behavior and usage. is the seventh SDGs defined by the United Nations to invest in renewable energy and ensure global access to reliable and affordable energy services.

energy, both through research, outreach, and also in their own behavior and usage. is the seventh SDGs defined by the United Nations to invest in renewable energy and ensure global access to reliable and affordable energy services.



example, insulation, LED lighting and the deployment of sustainable technology.

- ✚ Use of LED lighting and lamps with light detection
- ✚ Using renewable energy for electricity that reducing purchased electricity





- ✚ Using Ride share (in drive) to encourage commuters to adopt healthy and sustainable transportation options.
- ✚ The University of Gujarat has successfully installed the Solarization scheme of the 3 blocks in the first phase.



The University of Gujarat has successfully installed the Solarization scheme of the main campus in the first phase.

University of Gujarat (UOG) recognizes the significance of energy conservation and climate action as essential components of its sustainability agenda. To achieve these goals, the University has adopted an ICT-based approach for the planning, implementation, monitoring, and evaluation of programs related to energy management and environmental sustainability. The use of Information and Communication Technology (ICT) enables accurate data collection, transparent reporting, and efficient decision-making, aligning with the objectives of Sustainable Development Goal 7 (Affordable and Clean Energy) and SDG 13 (Climate Action).

The University, through its Directorate of Planning & Development (P&D) and Directorate of IT Services, is developing an ICT-supported framework to manage and reduce campus energy consumption and promote green energy use.

- ✚ Development of a Digital Energy Management Plan (DEMP) in collaboration with the IT Services Department.
- ✚ Mapping of campus buildings and energy consumption patterns using digital monitoring tools.
- ✚ Integration of ICT-based solar energy tracking systems for the central power grid.
- ✚ Planning of paperless administrative systems to reduce indirect carbon emissions.

During **implementation**, ICT will have played a central role in deploying sustainable infrastructure and ensuring efficient use of resources by using the following parameters:

- ✚ Installation of smart energy meters across administrative and academic blocks for real-time consumption tracking.
- ✚ Implementation of solar panel monitoring software to evaluate renewable energy generation.



- ✦ Digital campaigns for awareness on energy conservation and climate change through the university's website and LMS.

The ICT-based systems will be allowed continuous **monitoring** of energy and environmental indicators.

- ✦ Monthly energy consumption reports auto-generated through the ICT energy platform.
- ✦ Real-time alerts for abnormal energy usage.
- ✦ Data sharing between IT and Maintenance departments for preventive action.
- ✦ Tracking of CO₂ emission reductions through digital records.

Seminar/Conferences on Energy & Power

The two-day International Conference on Energy, Power, Environment, Control and Computing (ICEPECC-2025) opened at Hafiz Hayat Campus of the University of Gujrat on Wednesday. The conference, which is organized by the Faculty of Engineering and Technology of the UOG and the GIFT University Gujranwala, provides a collaborative platform for scientists, engineers and experts to share innovative trends, challenges and solutions related to sustainable energy, power, environment, control and computing.





8 DECENT WORK AND
ECONOMIC GROWTH





SDG 8: DECENT WORK & ECONOMIC GROWTH

Decent work in safe and stable conditions is a vital component of helping people out of poverty, with the related aspects of reducing hunger and increasing health. The rise of precarious employment, modern slavery, and uneven growth has created threats to a sustainable future. Universities as employers can lead the way, as teachers can educate for the future, and as innovators can develop new and fairer ways of working. Sustainable Revenue Generation through 116 Affiliated Colleges: Advancing Decent Work and Economic Growth"

The University of Gujrat supports Decent Work and

FACULTY BUSINESS IDEA PITCH Cohort 2025

Registration Deadline: 20 April 2025
Presentation Date: 28 April 2025

Call for Entries
The Business Incubation Center (BIC) at the University of Gujrat is pleased to announce its annual Business Idea Pitch Competition for Faculty, designed to foster innovation, entrepreneurship, and economic growth.

Competition Overview
The competition aims to identify and support promising business ideas from Faculty. Shortlisted Faculty members/teams will have the opportunity to pitch their ideas to a panel of industry experts and investors.

Eligibility

- Be a Regular Faculty Members of UOG
- Have a Unique Business, Research idea, Industry Solution
- Individual or Team of 2-5 members

Evaluation Criteria

- Innovation, Originality & Social Impact (35%)
- Market Potential, Feasibility and Scalability (25%)
- Team Dynamics & Presentation (15%)
- Financial Viability, Cost and Revenue Projections (25%)

Register Online
www.uog.edu.pk/bic
<https://forms.gle/381oMJuWfUSXHHbsy7>

Anticipated Rewards & Benefits

- Access to Financial Resources: Opportunities to secure seed money, grants, funding, and investments.
- Revenue Generation: Earning potential through startups, business ventures, consultancy, and industry partnerships.
- Research Commercialization & Social Impact: Transforming research into marketable products and solutions with real-world benefits.
- Legal & IP Protection: Assistance with patents, trademarks, and business registration.
- State-of-the-Art Incubation Support: Access to a high-tech co-working space and business development resources.
- Industry Collaboration & Exposure: Direct engagement with key industry players, fostering innovation and growth.
- Interdisciplinary Partnerships: Collaboration across various academic and professional fields for holistic innovation.
- Extensive Networking: Connections with entrepreneurs, investors, and business leaders to expand opportunities.
- Entrepreneurial Skill Development: Training and mentorship to cultivate business acumen and innovative thinking.
- Market Insights & Growth Strategies: Access to data-driven business strategies and leadership networks for sustainable growth.
- Career Advancement & Recognition: Enhanced professional reputation, academic standing, and career progression through strategic networking.

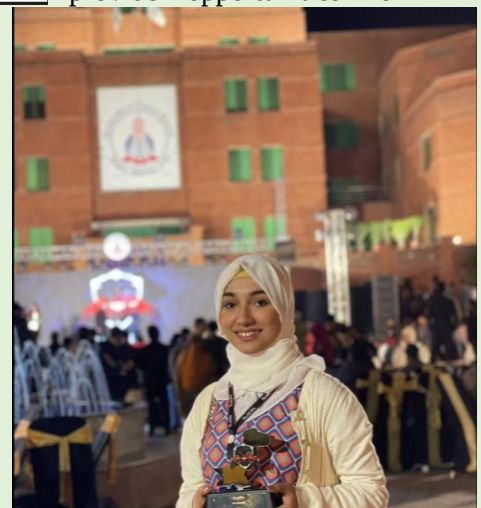
For further information, please contact:
Dr. Muhammad Umar
DIRECTOR, Business Incubation Center (BIC)
University of Gujrat (UOG)
Email: business.incubator@uog.edu.pk
Website: www.uog.edu.pk/bic



students across various regions to access quality education, supporting skill development and employability. The affiliation system helps to create teaching and administrative jobs, thereby promoting decent work.

2- Faculty Business Idea Pitch Presentations, hosted by the Business Incubation Center at the University of Gujrat. This event is an excellent opportunity for faculty members to showcase their innovative business ideas, receive valuable feedback from industry experts, and explore potential avenues for commercialization and collaboration.

3- UOG student won battle of business ideas at UCP.





4- Human Resource Development Center (HRDC) & Poverty Research Centre (PRC), University of Gujrat with the aim to enhance the professional development and effectiveness of faculty and staff within the university. Two-Day workshop on Research Methodology and Fieldwork Training organized by the Poverty Research Center, UOG in collaboration with World Health Organization.



5- The 4-day training program on research methodologies, organized by the Poverty Research Centre (PRC) at the University of Gujrat (UOG) in collaboration with the World Health Organization (WHO), came to a successful close! The closing ceremony was graced by esteemed guests, including Dr. Faisal Mahmood Mirza, Dean FSS, and Dr. Samiullah, Director HRDC.



6- One Day Workshop Titled "Professional Attitude in the Workplace" organized on July 31, 2024 from 9am to 4pm in Video Conference Hall-UOG.



گجرات نیشنل انسٹی ٹیوٹ برائے مینجمنٹ NIM میں زیر تربیت وفاتی و صوبائی افسران کا جامعہ گجرات کی سینئر انتظامیہ کے ہمراہ گروپ فوٹو۔



7- HRDC-University of Gujrat organized a collaborative session with Pakistan Economic Forum (PEF) for some debate on this initiative for the knowledge sharing with Faculty and Student of UOG on January 14, 2025 (Tuesday) from 7pm to 8pm via Zoom Link.

Webinar On
"URBAN: 5Es-Based National Economic Transformation Plan (2024-29)"
hosted by the
PAKISTAN ECONOMIC FORUM (PEF)
With the collaboration of
HUMAN RESOURCE DEVELOPMENT CENTER
UNIVERSITY OF GUJRAT
on Tuesday 14-01-2025,
from 7:00 PM to 8:00 PM (PST) via Zoom.



Join Now!


E-CERTIFICATES WILL BE GIVEN TO THE PARTICIPANTS

 DR. SAMI ULLAH Director, Human Resource Development Centre, University of Gujrat Member of Pakistan Economic Forum Moderator	 PROF. DR. TALAT ANWAR Professor of Economics, SBP Memorial Chair at Bahauddin Zakariya University, Multan MSc Quantitative Development Economics, University of Warwick, UK PhD Economics, University of Sussex, UK	 DR. AADIL NAKHODA Faculty member IBA, Karachi International Trade Expert PhD in International Economics, UC Santa Cruz International Trade Expert	 DR. QAIS ASLAM Professor of Economics UCP Business School Former Chairman GCU Economics Department Specialized in Economy of Pakistan, International Economic Relations and SDGs
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www.pkef.org
The Pakistan Economic Forum is Pakistan's first and largest organization offering a platform for panel discussions among various think tanks, as well as workshops, seminars, and collaborations with different institutions.



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE





SDG 9: INDUSTRY, INNOVATION & INFRASTRUCTURE

Investments in infrastructure – transport, irrigation, energy and information and communication technology – are crucial to achieving sustainable development and empowering communities in many countries. The University of Gujrat drives innovation through links to industry. The aim is to encourage research, innovation and technology development in developing countries.

University of Gujrat has following research & industry based centers:

1- Office of Research, Innovation and Commercialization (ORIC): In University of Gujrat, ORIC facilitates the teaching as well as non-teaching staff in promoting their research activities, build their capacity by organizing events and training, and provide technical support in seeking project grants from national and international donors. With specific focus on sustainable development goals (SDGs), ORIC has established network with national and global organizations to expand research horizon of University of Gujrat. Funded projects of UOG for the period of 2022-24 related to sustainability research are:

Title	Nature	Principal Investigator	Designation	Department	Approved Budget Amount in US Dollars
Development of Prototype towards Establishment of National Supercomputing Grid (NSG)	Education & Research	Dr.Nouman Raiz	Assistant Professor	Computer Sciences	\$3,521.25
Impact of climate change on food security	Food security	Dr. Saira Munawar	Assistant Professor	Geography	\$800
Development of proto type platform for production of proteases involved in ecofriendly leather processing in Pakistan	Leather processing	Dr. Nadia Zeeshan	Associate Professor	Biochemistry & biotechnology	\$19,840.14
Build the partner universities' capacity to produce single-camera video production and advise on the construction of a multi-camera television studio	Education & Research	Prof. Dr. Zahid Yousaf	Professor	CMCS	\$40,145.41



Title	Nature	Principal Investigator	Designation	Department	US Dollars
Solar powered double H bridge LLC Resonant converter based EV battery Charger with wide charging range and low output voltage ripple	Power & Energy	Prof. Shahid Iqbal	Professor	Electrical Engineering	\$353.39
Weed Detection and removal using autonomous mobile robot	Power & Energy	Dr. Syed Muhammad Wasif	Assistant Professor	Electrical Engineering	\$316.40
Design and implementation of prosthetic Bionic ARM using EMG technology for disabled people	Power & Energy	Mr. Jahanzeb Irshad	Lecturer	Electrical Engineering	\$267.40
Charging Cycle optimization of EV batteries using machine learning techniques	Power & Energy	Mr. Muhammad Javaid Aslam	Lecturer	Electrical Engineering	\$286.56
Design and application of Photo-Catalytic reactor for Treatment of Industrial waste water	Approved	Dr. Tahir Iqbal	Associate Professor	Physics	\$16,940.23
Development of oxide based efficient and inexpensive coating materials for electrodes of Bio electrochemical systems to enhance their performance regarding simultaneous wastewater treatment and bioelectricity Generation	NRPU	Dr. Muhammad Waseem Mumtaz	Assistant Professor	Department of Chemistry	\$15,399.03
Design of Solar Assisted Thermal Refrigeration System using R410A	NRPU	Dr. Naeem Abass Klair	Associate Professor	Department of Electrical Engineering	\$38,735.46
Dual Purpose Activated Bio char Technology: An Approach for Improving Soil Quality and Wheat- Maize Cropping System under Deficit Irrigation	NRPU	Dr. Summera Jahan	Lecturer	Department of Botany	\$15,402.99
Rational Engineering of Bacterial Protease for High Stability and Catalytic Activity	NRPU	Naeem Mahmood Ashraf	Lecturer	Department of Biochemistry & Biotechnology	\$26,563.72



COLLABORATION FOR INDUSTRY ACADEMIA RELATIONSHIP

The MoUs plays a pivotal role in establishing collaboration with other institutions and ORIC is the focal office for instituting such partnerships, associations and cooperation.

1- UOG and Gujrat Chamber of Commerce & Industry Sign MoU to Strengthen Academia-Industry Linkages, the Gujrat Chamber of Commerce and Industry Invited Worthy Vice Chancellor of the University of Gujrat, Prof. Dr. Zahoor-ul-Haq (TI), for a significant MoU signing ceremony between UOG and GCCI.



2- University of Gujrat Signs MoU with NADRA.



3- The University of Gujrat (UoG) and the Instituto de Física de São Carlos, Universidade de São Paulo (USP), Brazil, have signed a Memorandum of Understanding (MoU) to foster academic and research cooperation between the two institutions.

4- MoU is signed between University of Gujrat and Gujranwala Institute of Nuclear Medicine (GINUM). On behalf of VC UOG, prof Dr Audil Rashid, Director ORIC signed.





Technology and Innovation Support Center (TISC): University of Gujrat has established Technology and Innovation Support Center (TISC) in Office of Research, Innovation and Commercialization (ORIC) in collaboration with the Higher Education Commission (HEC) of Pakistan, Intellectual Property Organization (IPO) Pakistan and Ministry of Science & Technology.

Business Incubation Center (BIC): Business Incubation Center University of Gujrat provides enabling environment to entrepreneurs and mentor them for being part of global eco-system. Incubation is a business support process that accelerates the successful development of start-up companies by providing new entrepreneurs with an array of targeted resources and services. A business incubator's main goal is to produce successful firms that will leave the program financially viable and freestanding. It creates jobs helping the new graduates to become job providers instead of being job seekers, commercializes new technologies, and strengthens communities and economies.

The University of Gujrat (UOG) is set to revolutionize healthcare in Pakistan through a groundbreaking collaboration with the University of Central Lancashire (UCLan), UK. This strategic partnership aims to introduce Social Prescribing, a globally recognized approach that integrates healthcare with community-based support systems. The initiative received strong endorsement from Vice Chancellor Prof. Dr. Zahoor ul Haq (TI), who emphasized the importance of integrating social prescribing into Pakistan's healthcare framework. A dedicated team, led by Dean Prof. Dr. Faisal Mehmood Mirza and Dr. Muhammad Umar (Director BIC), will collaborate with UCLan to bring this vision to life.

The US diplomat and her delegation showed a keen interest in the ongoing entrepreneurial projects during a visit to





the Business Incubation Centre at Hafiz Hayat Campus on Thursday.

UOG's e-Rozgaar Center:

The University of Gujrat hosted an orientation session for the third cohort of the Chief Minister Punjab e-Rozgaar Program at Hafiz Hayat Campus. UOG's e-Rozgaar Center, launched in 2017 as Punjab's first such facility, continues to serve as a leading platform for youth skill development, entrepreneurship, and digital career opportunities. The event was led by Mr. Zahid Raza, Director IT and Incharge e-Rozgaar Center, who emphasized the role of freelancing and digital skills in combating unemployment and strengthening the national economy. Under this government-funded initiative, students are offered three months of free, hands-on training in high-demand areas including:

- ✚ Web Development
- ✚ Graphic Design
- ✚ Digital Marketing
- ✚ E-Commerce
- ✚ AI Tools
- ✚ Python Programming

Faculty and staff including Ali Murtaza,

Mian Muhammad Nadeem, Muhammad Nouman, and Shah Jahan were also present at the event.



10 REDUCED INEQUALITIES





SDG 10: REDUCED INEQUALITIES

It primarily focuses on reducing the inequalities at all levels including ethnicity, gender, age, income, disability, religion, origin and economic status. Reduced Inequalities is the tenth SDGs defined by the UN to bring transformative change. Sustainable Development Goal 10 aims at reducing inequality within and among countries. This SDG calls for reducing inequalities in income as well as those based on age, sex, disability, race, ethnicity, origin, religion, or economic or any other status within a country. The goal also addresses inequalities among countries, including those related to representation, migration, and development assistance. UOG is playing a key role in sustaining SDG 10 by constituting grievance committee at university level, disciplinary committee and workplace harassment committee as well.

UOG has adopted the Equality, Diversity and Inclusion Policy: This policy outlines the principles that guide the University's efforts to incorporate equality, diversity, and inclusion into all its operations and activities. The policy ensures that students, faculty, staff, and other stakeholders understand their rights and responsibilities in promoting equality, diversity, and inclusion within the University.

Policy Statement

- ✚ **Creating a Discrimination-Free Environment:** The University aims to create a work and study environment free from discrimination, where all members of the community, including students, faculty, staff, and other stakeholders, are treated with equality.
- ✚ **Promoting Equality, Diversity, and Inclusion:** The University is adopted the policy of EDI to cultivating a culture that embraces equality, diversity, and inclusion across all aspects of the campus community (<https://uog.edu.pk/en/university/right-to-information>).
- ✚ **Discouraging Discriminatory Practices:** The University actively works to discourage all forms of discrimination at every level and in every area of its operations.
- ✚ **Addressing Underrepresentation:** The University will identify areas where certain groups are underrepresented and take measures to ensure their inclusion, providing equal opportunities for all to study, work, and progress.
- ✚ **Recognizing and Supporting Diverse Needs:** The University recognizes the diverse needs of its various groups and individuals and will ensure that its policies, procedures, and practices are designed to accommodate these needs.
- ✚ **Promoting Harmony Through Activities:** The University will celebrate and promote social harmony among diverse groups through relevant events and activities.
- ✚ **Disseminating the Policy:** The policy on equality, diversity, and inclusion will be communicated to all stakeholders to ensure its effective implementation.



- ✚ UOG has adopted the HEC policy for Persons with Disabilities:

https://uog.edu.pk/downloads/HEC_POLICY_FOR_STUDENTS_WITH_DISABILITIES_AT_HEIs_IN_PAKISTAN.pdf

- ✚ Ramps are constructed at entrance of each building/block for facilitation of disable people (students/staff).
- ✚ Accessible toilet for disabled people
- ✚ Daycare facility is available at this University for facilitation of working mothers.
- ✚ Trainings organized for visually impaired



students.



- ✚ Girl student athletes taking part in the final rounds of the UoG Quaid-e-Azam Sports Gala





11 SUSTAINABLE CITIES AND COMMUNITIES

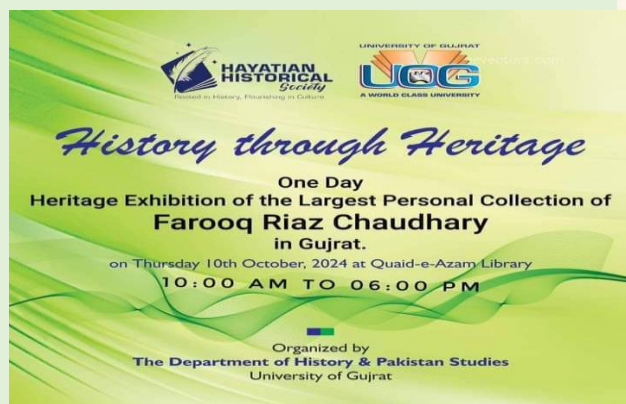




SDG 11: SUSTAINABLE CITIES & COMMUNITIES

This goal is the vital sustainable development goal set by the United Nations. It aims to enhance the cities and make them sustainable. Comprehensive research has been conducted on green materials, cement replacement materials, plastic waste as construction materials, net zero energy buildings, building simulations for energy conservation, green infrastructure developments, carbon footprint assessments etc.

1- Motorway Police Organized Road Safety Rules



Heritage" at Hafiz Hayat Campus, University of Gujrat.

4- Ramdan Calligraphy Competition organized by Hayatian Islamic Forum.



2- The Institute of Hospitality and Restaurant Management (IHRM) at the University of Gujrat (UoG) celebrated World Tourism Day with enthusiasm, highlighting Pakistan's rich tourism potential.

3- The Department of History & Pakistan Studies is organizing a one-day exhibition "History through



5- Congratulations to Qalamkar Creative Writing Forum for their outstanding achievement of securing 7 positions at Fanoos'24, organized by UET Lahore (KSK Campus).



6- Term Paper Display Showcases Academic Excellence at the University of Gujrat. The University of Gujrat (UoG) hosted a Term Paper Display event, bringing to light the academic rigor and creativity of the students.

7- The Hayatian Sociological Society (HSS) of the University of Gujrat's Department of Sociology



Computing Society (HCS), drawing immense participation and enthusiasm. With over 55 teams and 80+ tech-driven minds from Information Technology, Software Engineering, and Computer Science.

9- The Software Engineering department, held Final Year Project Exhibition today, featured over 50 innovative projects developed by graduating students.



organized) organized a field work/poster presentation today (December 12, 2024) at the Exhibition Hall (First Floor) of Quaid-e-Azam Library as a part of the field work activities in Fall-2024 semester.

8- The Speed Programming Competition 2025, featuring Algo Arena and Syntax Storm, was successfully organized by the Hayatian



10- 1st INDUSTRIAL EXPO AT UOG: Vice Chancellor Prof Dr Zahoor-ul-Haq inaugurated the first Industrial Exhibition at Hafiz Hayat Campus.



12 RESPONSIBLE CONSUMPTION AND PRODUCTION





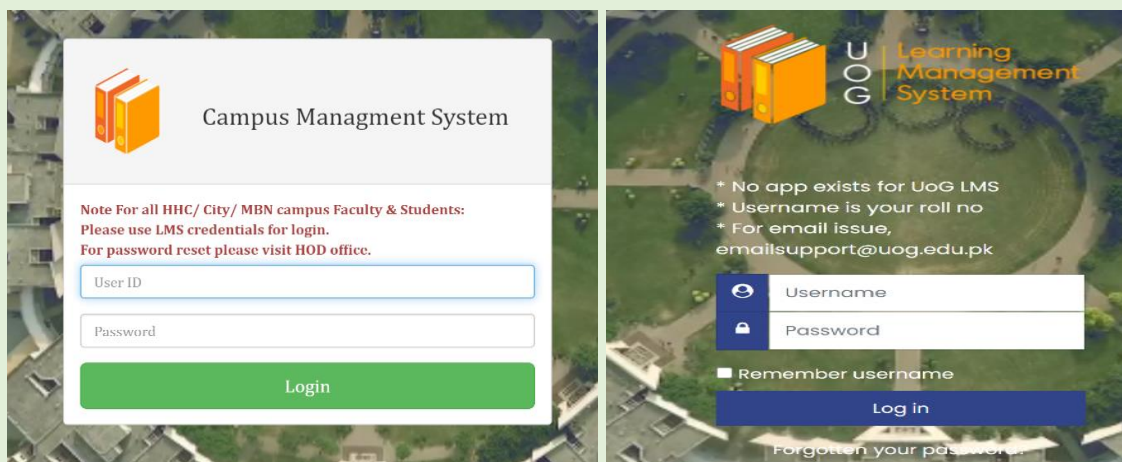
SDG 12: RESPONSIBLE CONSUMPTION & PRODUCTION

The purpose is to encourage efficient utilization of resources through sustainable practices. UOG is taking vital measures to encourage youth to contribute to the circular economy in Pakistan. A circular economy maintains a balance between input and output to maximize the efficient use of resources.

In line with its commitment to sustainability and digital transformation, the University of Gujrat (UOG) has introduced an Online Requisition System for Inventory and Supplies. This initiative aims to reduce paper consumption, improve operational efficiency, and support environmentally responsible practices within the University's administrative framework. UOG IT supports paperless system to reduce paper in daily workplace. It can reduce a lot of paper use that mean UOG can reduce CO2 emissions and save the world.

Program to Reduce the Use of Paper and Plastic in Campus

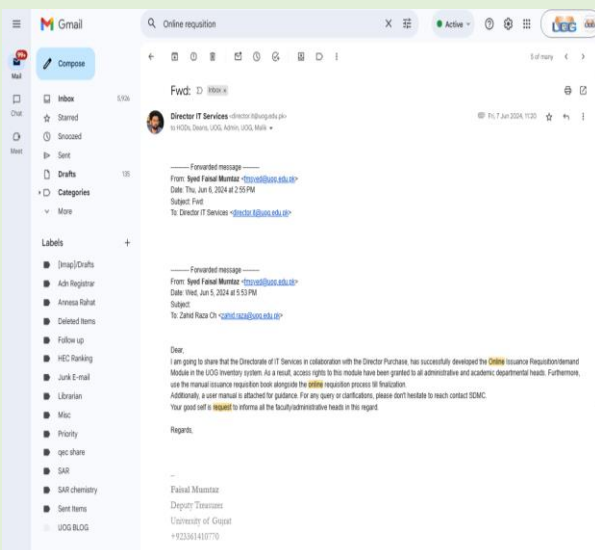
- ✚ UOG IT services supports paperless system to reduce paper in daily workplace. It can reduce a lot of paper use that mean UOG can reduce CO2 emissions and save the world.



- ✚ UoG It services introduced the online store inventory system to save the papers
- ✚ Solutions of reusable paper in back office, e.g. using 2-side of paper, always recheck your data before print, use online system instead of hard copy.
- ✚ UOG has a policy of "Reduce Reuse plastic bag in the last 3 years. We can reduce around 2.5 million bags per year or reduce 90% of plastic waste in university".
- ✚ "UOG Reduce & Reuse Plastic Bag" project is consistent with the campaign's key points of United Nations Environment Program (UNEP) this year focused its campaign on "Waste Plastic Pollution" (Beat Plastic Pollution) is the same direction around the world as "if you cannot reuse it, refuse it".



- ✚ UOG runs numerous student organizations i.e. UOG Green Society etc. that promote paperless environment, campus clean drive, say no to plastic bags etc.
- ✚ UOG has a state of the art database, software house, that is digitalizing processes and access to data to reduce paper use.
- ✚ UOG has an email domain and each student and faculty member has a separate email address for electronic correspondence to reduce paper use.
- ✚ UOG uses online mode for assignment submission etc. to reduce paper use.
- ✚ Responsible Art, Upcycle-Recycle workshops conducted and arranged in the Fine Arts Department FADFA.
- ✚ Sustainable techniques of Printmaking without using harmful chemicals and less waste for artistic process. No payment from GYM club was given due to an inactive account
- ✚ In line with its commitment to sustainability and digital transformation, the University of Gujrat (UOG) has introduced an Online Requisition System for Inventory and Supplies. This initiative aims to reduce paper consumption, improve operational efficiency, and support environmentally responsible practices within the University's administrative framework
- ✚ UOG has a policy of “Reduce Reuse and Recycle plastic material. We can reduce around 2.5 million plastic bags per year or reduce 90% of plastic waste in university.
- ✚ Program to Reduce the Use of Paper and Plastic in Campus:





- ✚ Students collect the plastic material to Reduce Reuse and Recycle for University Waste
- ✚ The University of Gujrat has made significant progress in managing and treating organic waste through sustainable practices. Department of Environmental Sciences successfully worked on the project of creating the Compost making apparatus. Making and testing an Indigenous Organic Landfill Covers on Solid Waste to prevent greenhouse gas emissions. The composting and mulching initiatives will be started soon in UOG as the units are in under process.
- ✚ At UOG structures that produce organic waste are canteens and cafés, which manage in complete autonomy this kind of waste. UOG has reused approximately 90 to 95% of organic waste through District Waste Management Company. The private vendor collects the organic waste and it delivers them at an authorized dumping points allocated by district government.

1- Ms. Renate Wolfer, a Master's student from the University of Kassel, Germany, was awarded a Certificate of Appreciation and an honorary shield by the Worthy Vice Chancellor University of Gujrat, Professor Dr. Zahoor ul Haq (T-I) in recognition of her successful completion of a four-week field camp in District Bhimber.

The camp, organized by Professor Dr. Abdul Majid, Chairperson of the Department of Physics, provided Ms. Wolfer the opportunity to apply GPS/GIS tools for orchard mapping, collect soil and plant data, and engage with local growers to gain insights into real-world production challenges.



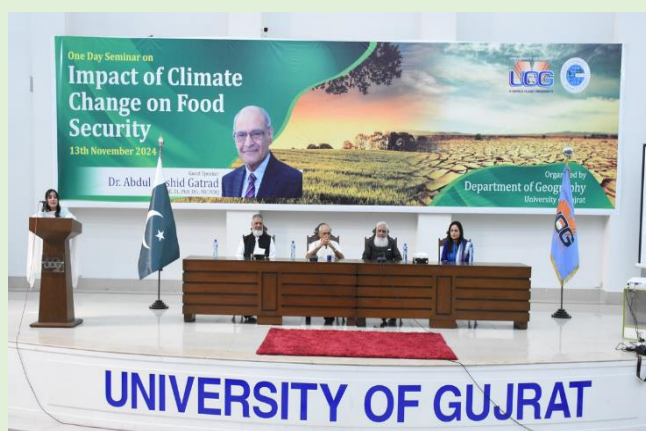


2- Seminar "Accelerating Industrial Decarbonization and De-risking CO₂ Capture Technologies" organized by the Advanced Studies & Research Board (ASRB), UoG.

3- Seminar on "Impact of Climate Change on Food Security", organized by the Department of Geography.

4- An international symposium on Nano biotechnology and Nano pharmaceuticals was organized by the Department of Biochemistry & Biotechnology at Hafiz Hayat Campus.

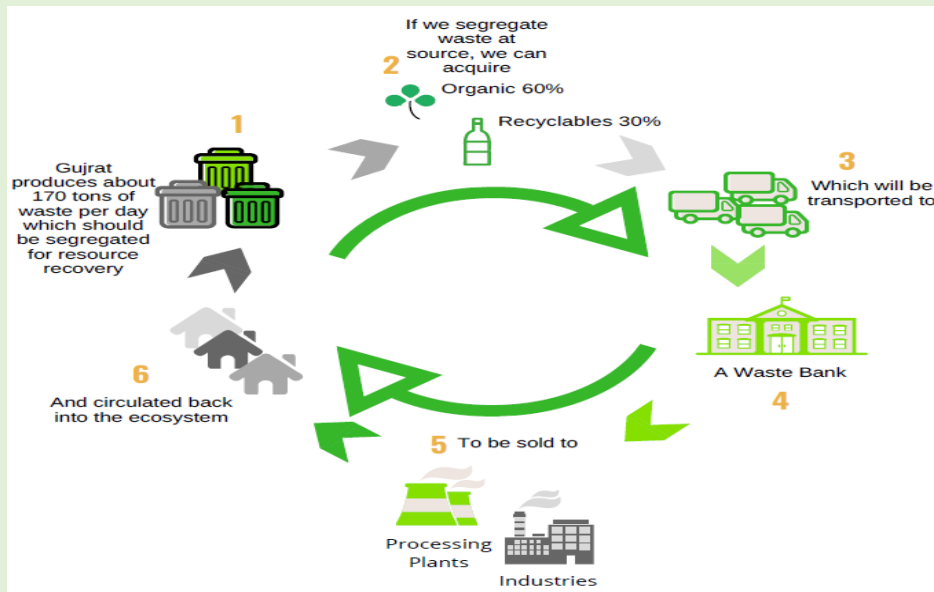
5- The Department of Chemistry organized the opening ceremony for their scientific working models and poster presentation event at Hafiz Hayat Campus





WASTE BANK PROJECT

Waste Bank is a 360° solid waste management solution that encourages segregation at source (household) level. As a result, the quality of useful waste fractions is maintained for efficient recovery. The idea behind is to make waste as valuable as money so that it is handled with care. This sorted waste is then sold out to the industries that use it as raw material and make useful products out of it. In this way waste is not only managed but circulated back into the ecosystem reducing the need to harvest fresh



resources, reducing landfill content and also boosting small and medium businesses. However, to design such a well-developed waste management system accurately, there is a need to quantify and characterize the generated waste in targeted city. Authentic and reliable research is under progress for Gujrat city where as the idea is being tested on pilot scale in the Business Incubation Center of University of Gujrat. Director Sustainability, University of Gujrat, Dr Zaki-ul-Zaman Asam is the founder of this initiative with a team of students from different UOG departments.



13 CLIMATE ACTION





SDG 13: CLIMATE ACTION

This SDGs vision is to integrate measures of climate change into national planning and strategies to boost resilience. Since Pakistan is a developing country and its general public lacks basic information and Education about Environment Protection its impact on the Climate and adverse effects of Climate Change on our daily lives and economy. Understanding the importance of the topic University of Gujrat started the Department of Environmental Sciences. Purpose of establishing this department was to not only create awareness in this field but also generate valuable human resource capable of serving in this field with up to date practical knowledge. This department started BS Environmental Sciences–Four Year Degree Programs in 2009, M. Phil in 2013 and finally PhD in 2016. Currently Department ES also started specialization in Climate change & Sustainability.

Environmental Control System

The UOG data center has deployed a complete environmental control system to protect its resources. Five different types of sensors are being used that is, smoke detectors, break sensors, temperature sensors, water sensors, humidity sensors. A Weather Observation Station /Meteorological Observatory / Met Office have started working at University of Gujrat Hafiz Hayat Campus.

Activities:

1- Cleanliness drive at UOG

DEPARTMENT OF ENVIRONMENTAL SCIENCES

Building a Sustainable Future

WHAT IS ENVIRONMENTAL SCIENCE?

A multidisciplinary field that integrates physical, biological, and information sciences to study and solve environmental problems

SCOPE & CAREER OPPORTUNITIES

- Environmental Consultant
- Climate Change Analyst
- Wildlife & Conservation Officer
- NG/INGD & UN Roles
- Renewable Energy Specialist
- Government Jobs (EPA, Forest Dept., Agriculture, etc.)

WHY CHOOSE ENVIRONMENTAL SCIENCES?

- Interdisciplinary & Future-Forward
- High Demand in Public & Private Sectors
- Field Work + Lab Research + Practical Learning
- Contribute to Solving Real-World Problems
- International Scholarships & Research Exposure

BE THE CHANGE. SAVE THE PLANET. Join Environmental Sciences Today





2- World Forest Day Walk & Tree Plantation Campaign at UoG



3- One-day training on "Driving & Stress management for the drivers of



UOG transport
Seminar on
"Impact of
Climate Change
on Food Security"
organized by the
Department of
Geography.





4- Awareness Seminar on SMOG: Department of Economics, University of Gujrat, organized an awareness seminar session for its students.

5 DAYS TRAINING COURSE ON KITCHEN & HOME GARDENING
25-29 NOVEMBER 2024

(پانچ روزہ تربیتی ورکشاپ کچن اور ہوم گارڈنینگ)
ڈپارٹمنٹ آف باٹنی یونیورسٹی
آف گجرات ، ORIC کے تعاون سے
پانچ روزہ تربیتی ورکشاپ کا
انعقاد کر رہا ہے

ہدایات:
اس کورس میں سٹوڈنٹس کے علاوہ دلچسپی رکھنے والے
کسی بھی عمر کے مرد اور خواتین حصہ لے سکتے ہیں -
20 نومبر تک رجسٹریشن فیس 500 ہو گی اور 20 نومبر
کے بعد رجسٹریشن فیس 1000 ہو گی۔

کلاسز:
مورخہ 25 نومبر ، سوموار سے لے کر مورخہ 29 نومبر
جمعہ تک روزانہ ڈیڑھ گھنٹے کی کلاس ہوا کرے گی

رجسٹریشن:
رجسٹریشن کے لیے مندرجہ ذیل نمبرز اور ای میل پہ رابطہ کریں:
03338399703
03227092549

SAJMA.BASHIR@UOG.EDU.PK
AREEBAZAFARCHATTHA@GMAIL.COM

VENUE: DEPARTMENT OF BOTANY
M - BLOCK



5- The Department of Botany organized a one week course on KITCHEN & HOME GARDENING from 25-29 November 2024.

6- UOG has designed its climate action plan and a dashboard was established to monitor the activities accordingly. (<https://uog.edu.pk/climate-action-plan>)

7- Sustainability community services project organized and/or involving students:

Sr. No	Project name	Project area
1	Fashionuex	Setting & Infrastructure
2	GearShare	Transport
3	Content Creation Service	Education & Research
4	Sodium metal production	Waste
5	Karigar	Transport
6	PlayCademy	Education & Research
7	TouristGuide+Seepak	Setting & Infrastructure
8	Kimchi kitchen	Waste
9	Eco mucilage packaging	Biodegradable Packaging
10	Yogurt fermentation chamber	Energy Efficiency/Food Security
11	Smart Fit System	Setting & Infrastructure



12	Autonomous mobile rice sowing robot	Transport
13	EcoFlo	Water
14	Eco-Clean	Water
15	Cobblers workstation	Setting & Infrastructure
16	Phys Play	Education & Research
17	Biodegradable cutlery products	Waste
18	Foot Craft	Waste
19	Cooling Face Wash + Alovera Face Wash	Waste
20	LS Lab Works	Setting & Infrastructure
21	Aloe glowzza herbal serum	Waste
22	Pharma Home	Setting & Infrastructure
23	BodiFuel+Crunchy Bites+Flavored Nuts	Waste
24	TechNova	Setting & Infrastructure
25	Pragsafe+Smart Pregnancy	Setting & Infrastructure
26	AutoAid	Setting & Infrastructure
27	Seeds for seedless watermelon	Waste
28	Sip and Savor	Waste
29	ANXR	Energy and Climate Change
30	Resin Art	Waste
31	Fashionuex	Setting & Infrastructure
32	GearShare	Transport
33	Content Creation Service	Education & Research
34	Investigation of leachate transportation and Greenhouse Gases (GHGs) emission from open waste dumping	Transport, Waste & Climate Change



14 LIFE BELOW WATER





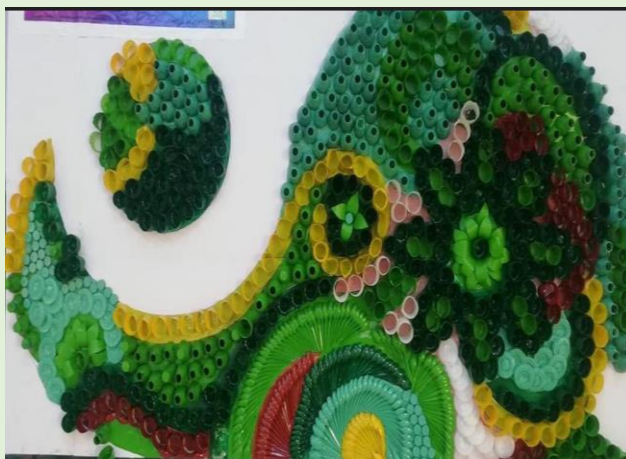
SDG 14: LIFE BELOW WATER

The University of Gujrat (UOG) is committed to promoting the sustainable use and conservation of aquatic ecosystems through education, research, and responsible campus management practices. Although UOG is not a coastal university, it contributes to Life Below Water by focusing on water quality, pollution control, and awareness of aquatic biodiversity.

- ✚ Faculty and students conduct research on water pollution control, wastewater treatment, and aquatic ecosystem preservation.
- ✚ Projects emphasize reducing chemical discharge and micro plastic waste that could harm local water streams.
- ✚ UOG's Sewerage Disposal Policy includes primary treatment of wastewater before disposal to minimize environmental contamination.



- ✚ The university promotes “Say No to Plastic” initiatives to reduce single-use plastics that could end up in waterways.
- ✚ Replacement with reusable bottles and eco-friendly materials is encouraged across campus.





- ✚ Courses and seminars in Environmental Science, Botany, Zoology and Chemistry raise awareness of marine and freshwater conservation issues.
- ✚ UOG engages local communities in clean water campaigns and promotes sustainable water use practices to reduce pollution in nearby streams and canals.
- ✚ The students of the Department of Geography visited Crop Science Institute (CSI) and Climate, Energy, and Water Research Institute (CEWRI) at NARC Islamabad.





15 LIFE ON LAND





SDG 15: LIFE ON LAND

The University of Gujrat (UOG) is deeply committed to the conservation and sustainable management of terrestrial ecosystems. The University promotes biodiversity, green infrastructure, and eco-friendly practices across its campus and surrounding areas. In the campus, there is plantation nursery and different plantation drives used to conduct in the campus. For the animals, animal farms managed by the departments individually.

- ✚ UOG maintains a green and eco-friendly campus with extensive tree plantations, lawns, and gardens that support local biodiversity.

- ✚ Regular tree plantation drives are organized by students and faculty to promote afforestation and reduce carbon footprints.



- ✚ Departments of Botany, Environmental Sciences, and Chemistry conduct research on soil health, native plant species, and ecosystem conservation.

https://uog.edu.pk/downloads/qec/Dedicated_Labs_for_ISR.pdf

- ✚ Student research projects focus on urban forestry, waste reduction, and sustainable land use practices. <https://uog.edu.pk/en/isr/amongst-various-disciplines>
- ✚ Implementation of a solid waste management system to minimize land pollution and promote recycling.
- ✚ Organic waste from campus lawns and cafeterias is reused as compost for maintaining green spaces.
- ✚ Landscaping and irrigation practices are designed to prevent soil erosion and enhance water retention.
- ✚ Use of ICT-based monitoring systems helps in efficient maintenance of green areas.
- ✚ UOG regularly organizes awareness campaigns on tree planting, clean environment, and sustainable land management involving students, staff, and the local community.
- ✚ Collaboration with local government and NGOs for environmental restoration projects.
- ✚ Over 5,000 trees planted in and around the campus in the last three years.
- ✚ Improved air quality and soil health due to sustainable landscaping and waste recycling practices.
- ✚ Enhanced student and community awareness of biodiversity conservation and environmental responsibility.





16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS





SDG 16: PEACE, JUSTICE & STRONG INSTITUTIONS

The University of Gujrat (UOG) is strongly committed to fostering peace, justice, and strong institutions by promoting transparency, accountability, ethical governance, and inclusive decision-making across all levels of the university. Guided by SDG 16, UOG ensures that institutional policies and operations are fair, participatory, and aligned with national and international standards of good governance.

- ✚ The university has established a transparent governance and administrative framework based on rules, regulations, and participatory decision-making. Digital governance tools, such as the Online UOG Portal, are used for efficient record keeping, student services, and staff management.
- ✚ All academic and administrative decisions are guided by ethical principles ensuring fairness, equality, and inclusivity. UOG actively promotes non-discriminatory policies, gender equality, and respect in the workplace.(<https://uog.edu.pk/en/university/right-to-information>)
- ✚ The Directorate of Quality Enhancement Cell (QEC) monitors transparency and institutional performance through internal audits, surveys, and evaluation reports. Continuous feedback from students, faculty, and staff supports evidence-based decision-making.
- ✚ UOG organizes seminars, conferences, and workshops on topics related to peacebuilding, justice, human rights, and institutional integrity. Student societies and clubs promote civic responsibility and respect for diversity.
- ✚ Implementation of e-office systems, digital attendance, and LMS (Learning Management System) ensures process integrity and reduces administrative delays. ICT-based monitoring of surveys and reports by QEC enhances transparency and accountability.
- ✚ UOG use to arranged seminars and awareness walk for achieving this SDG-16.





1- International Seminar on "20 Years of Productive Collaborative Work in Pakistan - A Contribution to Peace & Development in a Contested Region" organized by the Department of Biochemistry & Biotechnology.

2- The Student Services Centre (SSC) at the University of Gujrat (UOG) organized a grand farewell ceremony titled the "Hafiz Hayat Awards" at the Quaid-e-Azam Auditorium to honor the outstanding



literary, social, welfare, cultural and intellectual contributions of various student societies.

3- UOG hosts workshop on beggary prevention and Awareness Walk on Anti-Beggary was organized by the Department of Sociology at Hafiz Hayat Campus, University of Gujrat.

4- Review of Institutional Performance and Enhancement (RIPE) conducted in UOG for the year 2024-25.

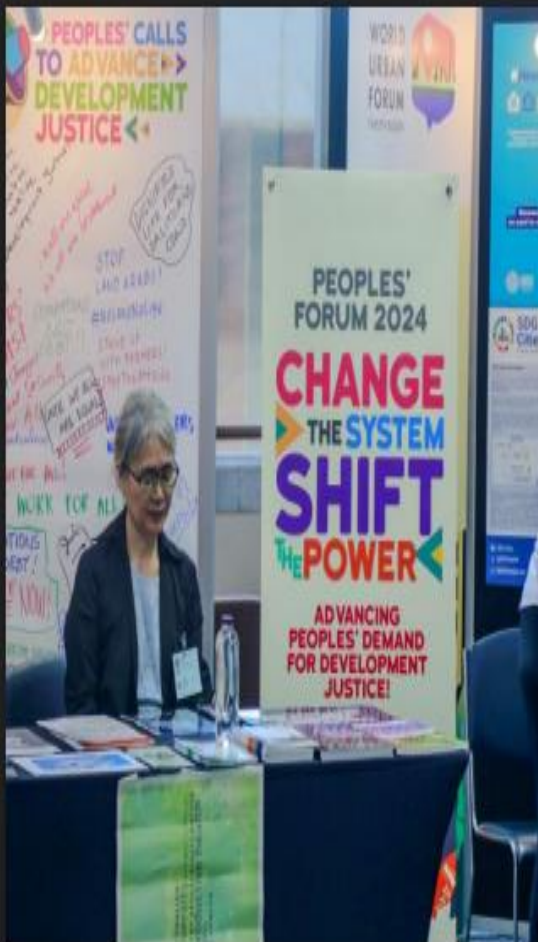
5- Mphil/PhD Program Review conducted in UOG for the year 2024-25.





Training workshop conducted on Program Review for Effectiveness and Enhancement (PREE)

Through digital governance, ethical leadership, and participatory management, the University of Gujrat is strengthening institutional integrity and ensuring that justice, fairness, and transparency are central to all its operations. These efforts directly contribute to SDG 16: Peace, Justice, and Strong Institutions, while also supporting SDG 4 (Quality Education) and SDG 17 (Partnerships for the Goals)



17 PARTNERSHIPS FOR THE GOALS





SDG 17: PARTNERSHIPS FOR THE GOALS

The University of Gujrat (UOG) strongly upholds the spirit of collaboration and partnership as outlined in Sustainable Development Goal 17 – Partnerships for the Goals. UOG recognizes that meaningful progress toward sustainability can only be achieved through collective action, collaboration, and knowledge sharing with national and international partners.

- ✚ UOG has developed strong linkages with national universities, research institutions, and international organizations to promote collaborative teaching, research, and innovation.

1- Vice Chancellor Prof. Dr Zahoor Ul Haq and Chinese Consul-General Zhao Shiren signing the MoU at Hafiz Hayat Campus.

2- The University of Gujrat (UoG) and the Instituto de Física de São Carlos, Universidade de São Paulo (USP), Brazil, have signed a Memorandum of Understanding (MoU) to foster academic and research cooperation between the two institutions.



3- The Gujrat Chamber of Commerce and Industry Invited Worthy Vice Chancellor of the University of Gujrat, Prof. Dr. Zahoor ul Haq (TI), for a significant MoU signing ceremony between UOG and GCCI.

4- MoU is signed between University of Gujrat and Gujranwala Institute of Nuclear Medicine (GINUM).

- ✚ Faculty and students actively participate in joint research projects, conferences, and exchange programs addressing global challenges such as energy, environment, and sustainable development.
https://uog.edu.pk/downloads/qec/Interdisciplinary_Research_Data_UOG_v2_.pdf
- ✚ The Directorate of Sustainability (QEC) engages in partnerships with government bodies, NGOs, and industry partners to implement sustainability programs in areas such as waste management, renewable energy, and environmental protection.



- ✦ UOG works closely with local authorities to promote community awareness and sustainable practices.
- ✦ The university organizes events like the International Conference on Energy, Power, Environment, Control, and Computing (ICEPECC), bringing together global experts to share innovative solutions for sustainable growth. <https://uog.edu.pk/downloads/2025/ProgramFinalICEPECC20250.pdf>
- ✦ Active participation in regional and global higher education networks to advance SDG-oriented initiatives.
- ✦ UOG conducts training sessions, seminars, and workshops for students and professionals on topics aligned with the SDGs.
- ✦ Collaborative projects with local communities promote social responsibility and skill development.
- ✦ The university uses Information and Communication Technology (ICT) for coordination, reporting, and data sharing related to sustainability monitoring and SDG progress.
- ✦ Digital platforms facilitate internal and external collaboration for data-driven decision-making.

Through national and international collaborations, UOG fosters a culture of shared learning, innovation, and sustainable progress. These partnerships strengthen institutional capacity, expand research impact, and align the university's vision with the United Nations Sustainable Development Goals.

