



SDGIKI NEWSLETTER



Volume 01

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Introduction



The UN Sustainable Development Goals (SDGs) are the blueprint to achieve a better and more sustainable future for all.

Sustainable development is defined as development that meets the needs of the present without compromising the ability of future generations to meet their own needs. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace, and justice. The 17 Goals build on the success of the Millennium Development Goals and complete what these did not achieve. They seek to realize human rights for all and to achieve gender equality and women's empowerment.

The SDGs are integrated—that is, they recognize that action in one area will affect outcomes in others and that development must balance social, economic, and environmental sustainability. They also aim to strengthen universal peace in larger freedom. We have 17 goals to transform our world by 2030.

The SDGs work in the spirit of partnership and pragmatism to make the right choices now to improve life in a sustainable way for future generations. Its implementation will require cooperation from governments at all levels, business and industry, local communities civil society organizations (CSOs), other intergovernmental organizations (IGOs), and academia. All entities must contribute towards its realization.

In order to achieve these objectives, we must work together as a global community. At GIK Institute, we are committed to the SDGs because they reflect our vision for making the world a better place for everyone. We believe that it is our responsibility not only to meet the needs of present generations but also to ensure that future generations have the tools they need to meet their own needs.

Priority SDGs

4 QUALITY EDUCATION



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Education liberates the intellect, unlocks the imagination and is fundamental for self-respect. It is the key to prosperity and opens a world of opportunities, making it possible for each of us to contribute to a progressive, healthy society. Learning benefits every human being and should be available to all.

GIK Institute secures a Top position in SDG 4 Quality Education in Times Higher Education Impact Rankings 2022 in Pakistan and 37th Globally

The GIK Institute of Engineering Sciences & Technology ranked 801-1000 globally in THE University Impact Rankings 2022; while maintaining a prominent position among Pakistani Universities. In SDG4: Quality Education, GIK Institute secured overall position of 37 globally and TOP among all Pakistani Universities. In SDG11: Sustainable cities and communities, GIK Institute achieved overall position of 401-600 globally and stood 3rd among all Pakistani Universities.



Ghulam Ishaq Khan Institute of Engineering Sciences and Technology Topi

SDG 4 Quality Education



Successful Conduction of Online Admission Test



GIKI Becomes The First University to Hold Online Entry Tests in Pakistan

Living a sustainable life is guided by the sustainable development goals. In the wake of the COVID-19 pandemic, people's views about life have changed considerably. It has become increasingly important to have access to online learning. GIK Institute has always taken initiatives, when it comes to transforming challenges into opportunities. Therefore, GIK Institute successfully conducted an online admission test. It is a milestone in GIK's efforts towards Digital Transformation.

GIK Faculty Wins the Emerald Literati Award of Excellence 2022



EMERALD
AWARDS 2022
LITERATI

Congratulations

We Congratulate Dr. Yousaf and his team of co-authors from GIKI School of Management Sciences, for receiving "Outstanding Paper Award" in 2022 Emerald Literati Awards of Excellence. The article titled as "Impact of Lean, Six Sigma and environmental sustainability on the performance of SMEs" was published in the International Journal of Productivity and Performance Management.



Dr. Yousaf Ali Khan and his team of co-authors from GIK Institute's School of Management Sciences have won an award for Outstanding Paper in the 2022 Emerald Literati Awards. The award winning paper entitled "Impact of Lean, Six Sigma and environmental sustainability on the performance of SMEs," was published in the International Journal of Productivity and Performance Management.

All Pakistan Science Fair 2022



GIK Science Society under the Student Affairs Department conducted an All Pakistan Event. This year, the GIKI Science society hosted the 22nd iteration of their yearly event, All Pakistan Science Fair on the 13th, 14th, and 15th of May. The event took place after 2 years of being at halt due to the COVID pandemic. School and university delegations from all over Pakistan took part in it.

MATTECH'22 by ASM (American Society of Material)



Mattech is a National Materials science symposium which was organized by the American Society of Materials (ASM) - GIKI Student Chapter from 19 March to 20 March 2022. Its main focus was to highlight the advancement in the field

of Material Science and also enlighten youth with the work which has been done in this field.

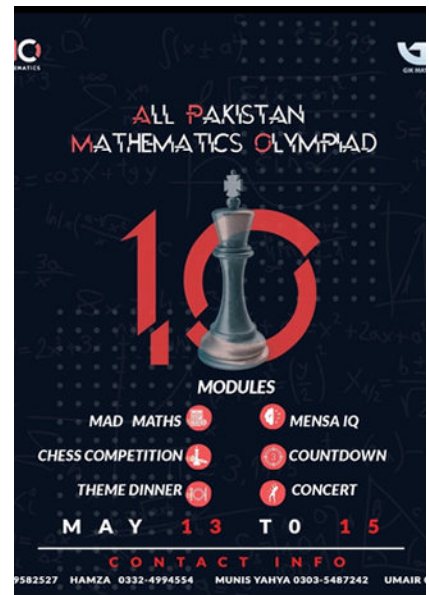
GIK Innovation Summit (GIS'22) by IET



GIKI Innovation Summit (GIS), hosted by IET on Campus GIK, incorporated three major domains of professional education: Engineering, Business Management, and Health. The summit comprised of the All-Pakistan Engineering Conference (APEC), All-Pakistan Business Festival (Biz'Fest) and All-Pakistan Health Awareness Conference (APHAC). Students were provided with a platform to unleash their acumen in a challenging and assiduous environment.



All Pakistan Math Olympiad '22 by GMS



National Electronics Olympiad - NEO'22 by IEEE



Institute of Electrical and Electronics Engineers Society (IEEE) under the student Affairs Department conducted an All Pakistan Event called National Electronics Olympiad (NEO 22). It was a three day event and was organized on 18th March 2022. The All Pakistan event included more than 50 participants.

GIK Model United Nations Conference (GIMUN 22)



The Society for Promotion of Higher Education in Pakistan (SOPHEP) under the Student Affairs Department organized an All Pakistan Event called GIMUN. It was a three-day event from the 13th to 15th of May welcoming enthusiastic debaters and upcoming lawyers from all over Pakistan. The event comprised of a Model United Nations conference namely GIMUN and a Moot Court Competition namely GMC. During this event 150+ participants from universities across the country indulged in quality discussion and activities.

International Science and Youth Symposium by GIK Science Society



The GIKI Science society organized their flagship international symposium, International Science and Youth Symposium (ISYS), which featured the pioneers of Pakistan's future development. The main purpose of the inception of this event was the growth of the students outside their academic life and the obstacles they would have to face stepping into their careers.

NAQSH ARTS AND FASHION FESTIVAL 2022 - Irtiqa 2022

NAQSH Arts Society under the Student Affairs Department organized National Arts and Performing Arts Competition, Irtiqa'22. Naqsh Arts Society held its 17th National Arts and Performing Arts Competition, Irtiqa'22, from the 20th to the 22nd of May 2022. The event was a resounding success, as it boasted close to 150 participants from universities across Pakistan.



GIK Institute Annual Showdown 2022

Student Affairs Department in collaboration with Literary and Debating Society organized GIK Institute Annual Showdown, conducted on Monday 16th May 2022 at 6:00 PM in Auditorium.

Showdown is an annual event conducted in GIK Institute to highlight the major issues (Both administrative and academic point) in GIK institute, to evaluate and to resolve the issues.



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

A functioning and resilient infrastructure is the foundation of every successful community. To meet future challenges, our industries and infrastructure must be upgraded. For this, we need to promote innovative sustainable technologies and ensure equal and universal access to information and financial markets.

This will bring prosperity, create jobs and make sure that we build stable and prosperous societies across the globe.

GIK Institute Career Fair, February 2022

Prof. Dr. Iftikhar Hussain, Vice Chancellor, University of Engineering and Technology (UET), Peshawar, and Prof. Dr. Fazal Ahmad Khalid, Rector GIK Institute, called for further strengthening interaction and relations between academia and industry to meet the country requirements and boost the economy. Prof. Hussain was the Chief Guest, and he inaugurated the Career Fair at Brabers Building. Around 80 multinational and national companies participated in the fair, and their representatives networked with the students and interviewed them for jobs in their organizations.



Industrial Open House & Career Fair, May 18, 2022

About 70 leading multinational and national organisations from across the country participated in the 'Open House and Career Fair' 2022 of GIK Institute on May 18, 2022. Prof Dr Shahid Mahmood Baig, Chairman, Pakistan Science Foundation was chief guest in the inaugural ceremony. Prof Dr Fazal Ahmad Khalid, Rector of GIK Institute, Pro Rectors,

directors, Deans, heads of departments and final year students who are expected to complete their undergraduate education in various disciplines of engineering and management sciences also graced the gathering. The Final year BS students, MS and PhD scholars, displayed over 200 industrial and research projects on different topics.

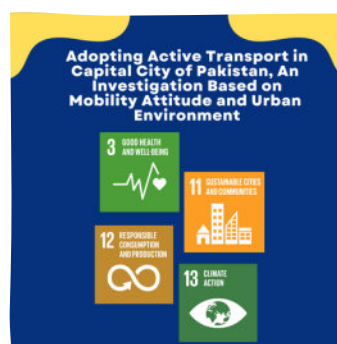
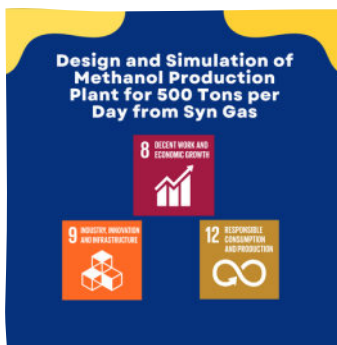
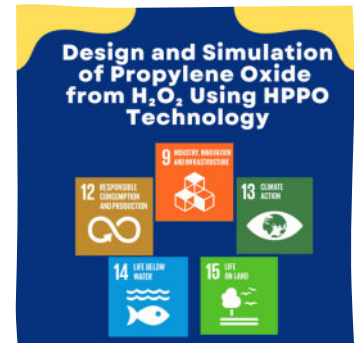
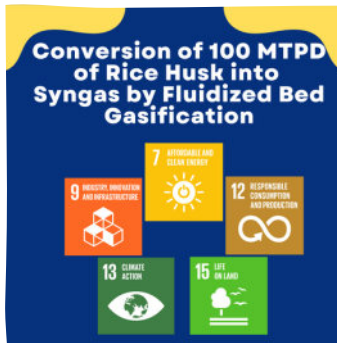
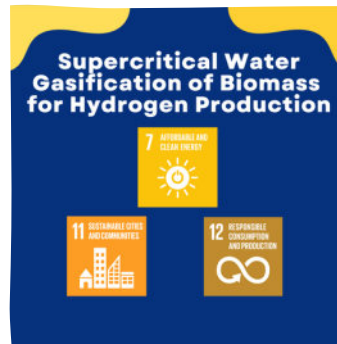
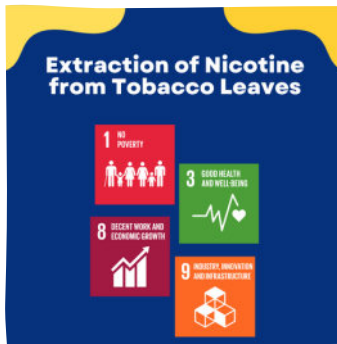


GIK Alumnus, Muhammad Meraj Uddin, Founder and CEO ADF International Donates Leeb Hardness Tester, Sponsors an FYP Project

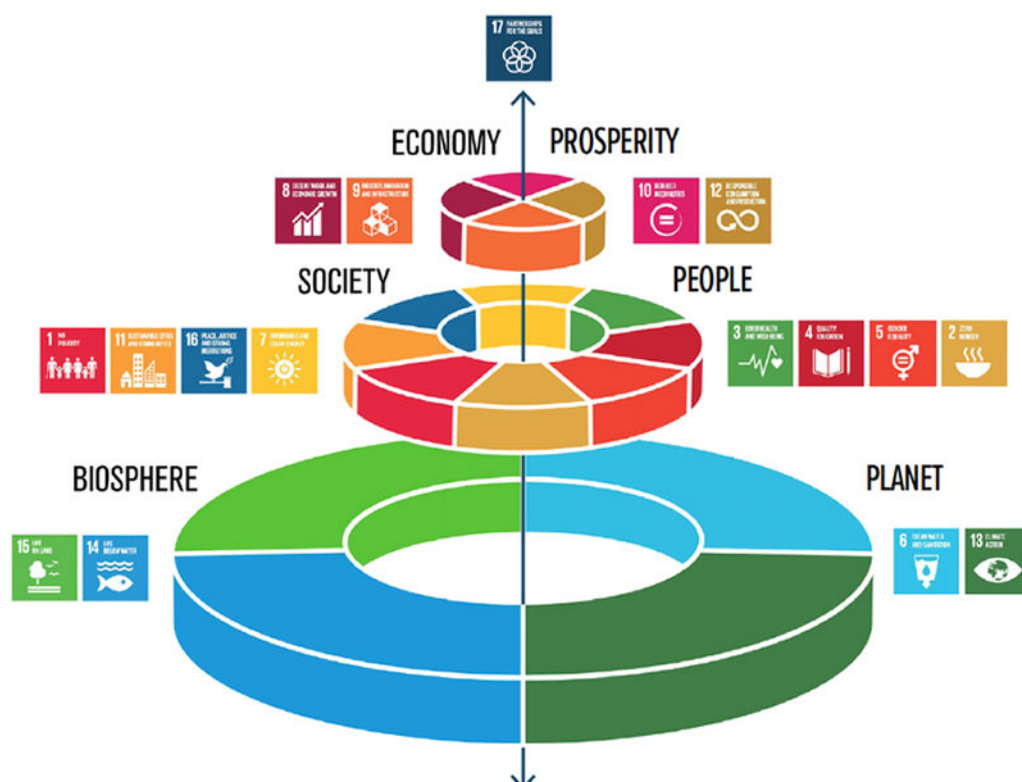
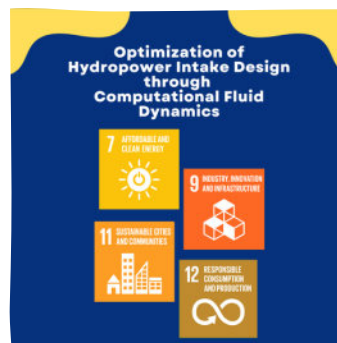
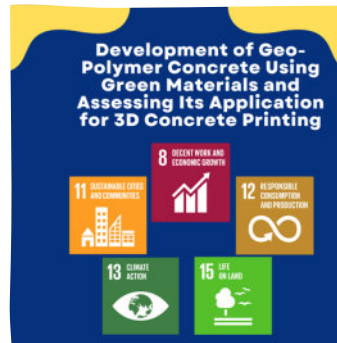
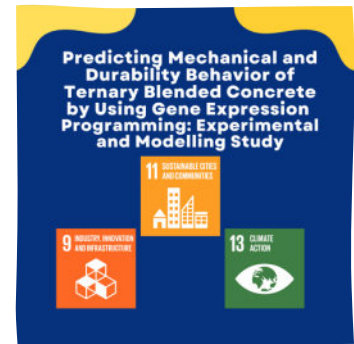
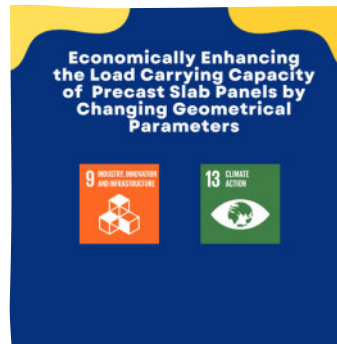
GIK Alumnus Muhammad Meraj Uddin, Founder and CEO of ADF International Pvt Ltd, has donated the Leeb Hardness Tester machine and sponsored an FYP Project for the students of Mechanical Engineering.



SDGs Oriented Final Year Projects



SDGs Oriented Final Year Projects



17 PARTNERSHIPS FOR THE GOALS



Strengthen the means of implementation and revitalize the global partnership for sustainable development.

The Global Goals can only be met if we work together. International investments and support is needed to ensure innovative technological development, fair trade and market access, especially for developing countries. To build a better world, we need to be supportive, empathetic, inventive, passionate, and above all, cooperative.

GIK Institute and NBEAC Sign an MoU to Enhance Collaboration for Trainings and Capacity Building



An MoU was signed on 1st July 2022 for a period of 5 years between Ghulam Ishaq Khan Institute (GIKI) and Training and Development Wing (TDW) of National Business Education Accreditation Council (NBEAC) to enhance strategic collaboration for trainings and capacity building of business schools of Pakistan. Main objective of the MOU is to promote and facilitate the development programs for the administrators and faculty members of the business schools across the country and specifically the KPK region.

BARD Foundation and GIK Signed an MoU to establish Descon Endowment Fund



Bard Foundation will establish a circular endowment fund with 4 permanent scholarships that will cover tuition fees and educational expenses of eligible students.

MoU Signing Ceremony between GIK Institute and DWP Group



GIK Institute and Digital World Pakistan (DWP) Foundation has signed a scholarship agreement to provide financial support to the needy but “capable” students at undergraduate level. The agreement was inked by Prof. Dr. Fazal Ahmad Khalid, SI Rector GIK Institute and Muhammad Farooq Naseem, vice president of DWP Foundation, Chairman and CEO DWP Group in a colorful ceremony.

Prof Dr. Waqar Mehmood, Director, KICS, Lahore – Visit, Seminar and MoU Signing Ceremony



Prof Dr. Waqar Mehmood, Director, Al-Khawarizmi Institute of Computer Science KICS, Lahore visited GIK Institute on Friday, February 04, 2022, and addressed the seminar, “Sustainable R&D program KICS UET Model”.

An MoU between GIK Institute and KICS was also signed to collaborate in different research and development programs.

GIK Institute Delegation Visits Expo 2020 Dubai



Rector GIK Institute, Prof. Dr. Fazal A. Khalid and Deans visited Expo 2020 Dubai. They also had a very productive meeting with the UAE based GIKI - Alumni during the visit to discuss different avenues of collaboration for the achievement of goals.

Dawlance and GIK Institute Sign MoU to Promote Industry-Academia Linkages



Mr. Abdur Rafay, Team Lead R&D, and Mr. Haris Ali, Engineer R&D Dawlance visited GIK Institute, met the faculty and signed an MoU. Rector GIK, Prof. Dr. Fazal A. Khalid presented GIK Souvenirs to the Dawlance Team. Pro-Rectors, Deans and Directors of various departments were also present in the MoU signing ceremony.

13 CLIMATE ACTION



Take urgent action to combat climate change and its impacts.

Climate change is a real and undeniable threat to our entire civilization. The effects are already visible and will be catastrophic unless we act now. Through education, innovation and adherence to our climate commitments, we can make the necessary changes to protect the planet. These changes also provide huge opportunities to modernize our infrastructure which will create new jobs and promote greater prosperity across the globe.

GIK Institute Plantation Drive 2022



Student Affairs Department organized a Plantation Drive at the GIK Institute on 8th, 11th and 14th March, 2022. More than 500 trees were planted including Arjuna, Kachnar, Amaltas, Pines, Magnolia, Sukh Chain,

Patangen, Jakaranda, Lemon, Zaitoon, Alostonia covering different spots of GIK Institute. Honorable Rector Prof. Dr. Fazal Ahmad Khalid, SI was the chief guest of the plantation drive. Pro Rector (Academics) Prof. Dr. Wasim Ahmad Khan also participated in the plantation drive. It is a step taken by the Student Affairs Department towards sustainable conservation of the environment.





End poverty in all its forms everywhere.

Eradicating poverty is not a task of charity, it's an act of justice and the key to unlocking an enormous human potential. Still, nearly half of the world's population lives in poverty, and lack of food and clean water is killing thousands every single day of the year. Together, we can feed the hungry, wipe out disease and give everyone in the world a chance to prosper and live a productive and rich life.

Kishware Haseen Shaad Baad (KHSB)



Project Topi under the Student Affairs Department organized an event Kishware Haseen Shaad Baad (KHSB). Every year, Project Topi arranges KHSB with the sole aim of the growth of the underprivileged children. The carefully curated modules bring out their talents and allows them to shine as they have never before. This year, Project Topi were able to reach out to over 60 school students from vastly different backgrounds and provide them a platform to showcase their artistic and debating skills.

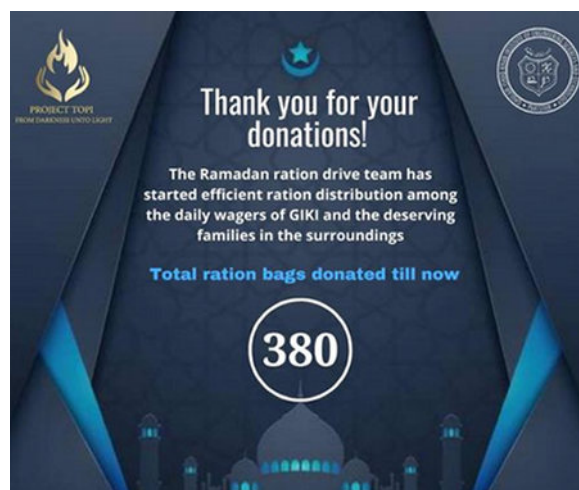


End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

Hunger is the leading cause of death in the world. Our planet has provided us with tremendous resources, but unequal access and inefficient handling leaves millions of people malnourished. If we promote sustainable agriculture with modern technologies and fair distribution systems, we can sustain the whole world's population and make sure that nobody will ever suffer from hunger again.

Project Topi Ramzan Ration Drive 2022

Ramadan is a holy month of blessings which comes to teach us moral fortitude and strengthen brotherhood among Muslim community but most importantly it imparts upon us the sense of empathy. Ramadan is all about allowing ourselves to understand the situation of less fortunate, to feel and experience the pain of hunger and the pangs of thirst that our poverty-stricken brothers and sisters who are often forced to go without food and drink, feel every waking day. Project Topi started Ramadan Ration Drive to support the poor and deserving families in GIK Institute and near community. Total count for this Ramadan ration drive'22 reached 380.

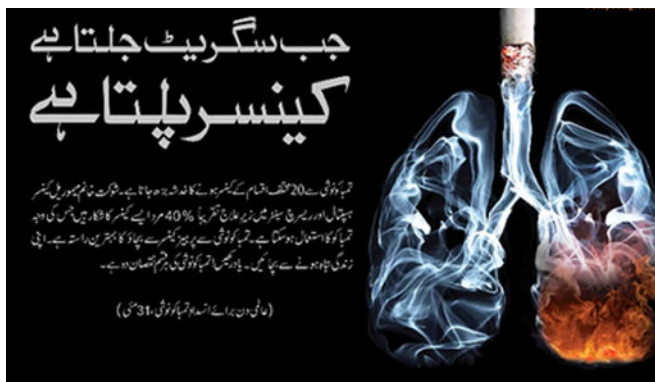




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Dissemination of Information / Awareness on Hazards of Use of E-Cigarettes/Cigarettes



Time to time emails are generated and circulated by our Students Affairs Department on awareness related to use of cigarettes and E-Cigarettes/Vapes among students/faculty and staff at GIK Institute.

GSS Organizes All Pakistan Sports Event



GIK Sports Society under the Student Affairs Department organized All Pakistan Sports Event 2022. All Pakistan Sports Event was successfully conducted on 20th, 21st and 22nd of May 2022. It was a 3 day event in which

Universities from all over Pakistan participated in the sports activities in GIK Institute. The sports event included Cricket, Football, Basketball, Volleyball, Badminton, Long Tennis, Squash, Snooker, Chess etc. The sports game comprised of both male and female teams. There were more than 250 participants in the All Pakistan Sports Event 2022. The teams that participated in the events came from different cities of Pakistan including Islamabad, Lahore, Peshawar, Karachi, Multan, Rawalpindi, Swabi etc. Some of the teams were from Universities including LUMS Lahore, NUST Islamabad, FAST Islamabad, IBA Karachi, LSE Lahore, IMSciences Peshawar etc. The winning teams and participants were given certificates and shields.

Anti-Tobacco Awareness Seminar



Student Affairs Department assisted by the Project Topi and Character-Building Society organized an Awareness session on Anti-Tobacco on Friday, 27th of May 2022, at Incubation Center Seminar Hall, GIK Institute. A team from Shaukat Khanam Hospital delivered a session on the negative consequences of smoking, vaping and tobacco products..

5 GENDER EQUALITY



Achieve gender equality and empower all women and girls.

Gender bias is undermining our social fabric and devalues all of us. It is not just a human rights issue; it is a tremendous waste of the world's human potential. By denying women equal rights, we deny half the population a chance to live life at its fullest. Political, economic and social equality for women will benefit all the world's citizens. Together we can eradicate prejudice and work for equal rights and respect for all.

International Women Day at GIK Institute



International Women's Day was celebrated at the GIK Institute on 8th March, 2022. Speaking on the occasion, Rector GIK Institute, acknowledged the contribution of female faculty, students and staff members working in the Institute. He added that the Institute is committed to providing equal opportunities to its female students, while ensuring an inclusive learning and working environment.

LADIESFUND and GIK Institute Sign an MoU



LADIESFUND and GIK Institute signed an MOU to promote joint academic and R&D activities in areas of mutual interest. The MOU was signed by Ms Tara Dawood, President of Ladies Fund and Prof. Dr. Fazal A. Khalid, Rector GIK Institute. The Fund sponsors empowerment of women in the society by encouraging them for increased contribution in the economy.

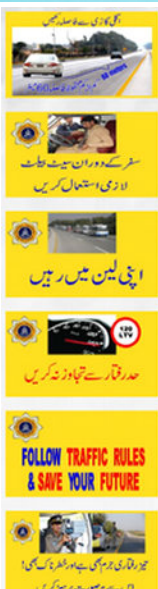
11 SUSTAINABLE CITIES AND COMMUNITIES



Make cities and human settlements inclusive, safe, resilient and sustainable.

The world's population is constantly increasing. To accommodate everyone, we need to build modern, sustainable cities. For all of us to survive and prosper, we need new, intelligent urban planning that creates safe, affordable and resilient cities with green and culturally inspiring living conditions.

Road Safety Awareness Seminar



The Student Affairs Department along with Character-Building Society, arranged a Road Safety Awareness Seminar, held on Wednesday 2nd March 2022. The event was coordinated with National Highways & Motorway Police, Pakistan. In the session the National Highway & Motorway Police Department's delegate of officers delivered a session on road safety, after which a closing ceremony was conducted. They also arranged a Road Safety Stall in the precincts of Ghulam Ishaq Khan Institute in which they displayed various policing items that they use in the field.



SUSTAINABLE DEVELOPMENT GOALS

PATRON

PROF. DR. FAZAL AHMAD KHALID, SI

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