



NUTECH SDGs Engagement Plan

NUTECH embarked upon the journey of SDGs engagement with one core mission in hand: “map, align, measure, restructure, redesign, monitor and collaborate”. NUTECH initiated the SDGs Engagement program in 2021 and so far, has achieved remarkable progress that has been appreciated both at home and internationally, having been duly acknowledged. We continue our upward journey towards greater adoption of SDGs in all our core functions.

UN SDGs is a universal, comprehensive, and inclusive framework for development which addresses the needs of all forms of life existing on this planet. With 17 goals, 169 targets, and 232 indicators included in the Development Agenda 2030, UN SDGs provide an elaborate masterplan for all organizations to adopt sustainability as the key element in their long-term strategy.

Pakistan being an initial signatory of UN SDGs, is obligated to meet the 2030 agenda and report annually on its progress to the United Nations. In order to fulfil that obligation, organizations especially HEIs, must make SDGs an integral part of their strategy to assist in achieving the national commitment.

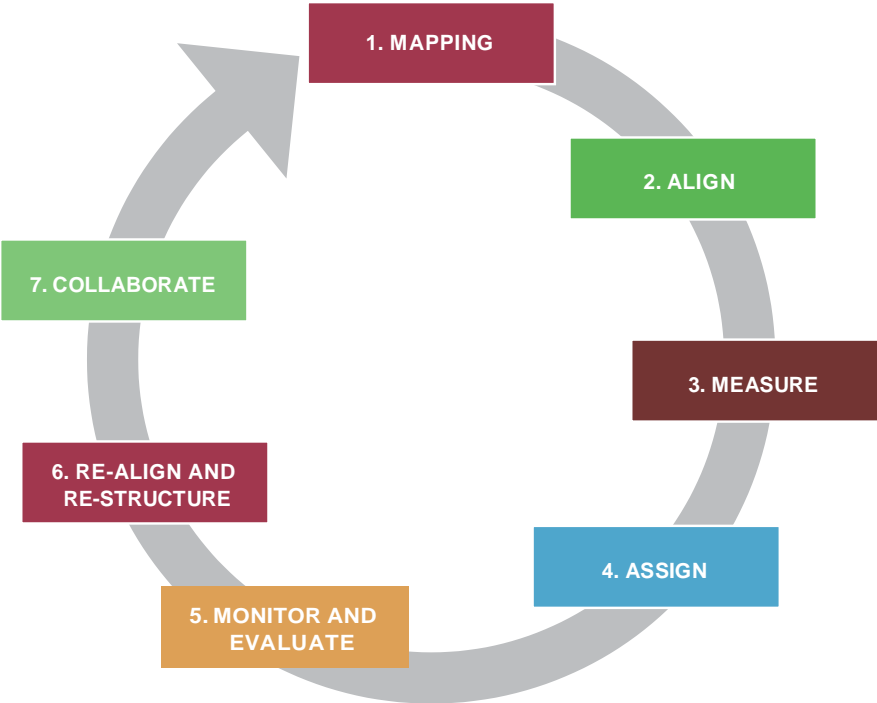
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NUTECH: An SDG-Engaged University

Highlights of the NUTECH SDGs transformation in the last few years, along with the organizational commitment, details on SDGs related initiatives and activities will be covered thoroughly in this report, listed as per SDG.



a. Mapping:

As the first step, we performed an analysis of our research and innovation portfolio, curricula and all operations within NUTECH as well as an analysis of internal capabilities and resources in implementing SDGs. An extensive mapping was conducted, spanning over more than seven months of extensive work.

b. Align:

The university's core functions were aligned with the respective SDGs targets and eventually the 17 goals, by disaggregating national level targets and KPIs of SDGs framework into relevant achievable milestones and KPIs for appropriate alignment with the academic core functions.

c. Measure:

“What gets measured is what gets improved”.

Although there are 232 SDGs Framework KPIs, 69 Targets and 17 Goals at national levels, indicators for organizations can be variable according to the type and the sector of the organization. Therefore, for a higher education institute, the KPIs selected were only those pertinent to the deliverables of a university in the context of youth and students' engagement, research and innovation and green campus initiatives.

Measure only relevant KPIs

The choice of measuring KPIs has to be made very carefully as the right KPIs will set the focus of the university/organization in their strategy and plan for SDGs alignment. Other important reasons why KPI selection is crucial is because:

- Cost of measuring KPIs are very high
- Not all KPIs are relevant to the organization and its core strategy/functions
- Wrong choice of KPIs can lead to misleading outcomes and inadequate performance, and eventually affect the results
- Only KPIs relevant to NUTECH Internal Domains and Stakeholders need to be selected

NUTECH adopted a set of 250+ KPIs, under four different domains which were selected on the basis of relevance to the organization and its long-term strategic goals and modes of operations:

d. Assign:

Once the set of KPIs were selected, these KPIs were assigned to relevant administrative offices of NUTECH. A dedicated online portal, “NUTECH SDGs Portal” has been developed to track and measure the performance and impact of the organization in terms of SDGs.

Several internal sessions were held with the stakeholders to brief them on SDGs framework, KPIs assignment, reporting methodology and usage of the portal. They were also briefed on setting targets, devising plans and policy amendments to improve on these KPIs.

e. Monitor and Evaluate:

To formulate a better SDG implementation strategy, we need to understand where action is needed. Tools to gather, present and disseminate SDG data are key to ensuring their extensive and effective use by policymakers. Reporting and dissemination platforms for SDGs are indispensable to policymakers and, indeed, to all stakeholders for understanding where progress is being made and informing future interventions. Data must be:

- Accessible
- Publicly available
- Relevant
- Easily visualized and lastly,
- Analyzed - to those who want or need to use it.

The monitoring and evaluation on the progress against the KPIs is being conducted through the SDGs Portal, on which a dedicated dashboard to monitor performances by offices as well as overall performance by SDGs has been developed, which provides us a birds' eye view of

the organization's standing in terms of SDGs.

f. Re-align and Re-structure:

The plan also considers re-alignment and re-structuring. Once the cycle is over, and the KPIs are re-aligned with new initiatives, new technologies or programs can begin at the university. The process is a continuous improvement cycle and does not halt at the end of a year but takes continuous efforts to improve and re-align on the assigned KPIs. New policies, strategies and initiatives must be introduced for complete re-alignment and re-structuring in accordance with the SDGs.

g. Collaborate:

We use "systems thinking" to implement SDGs, which give us a framework for assessing the whole picture and understanding complex dynamics and interdependencies. Systems thinking is based on a collaborative model instead of working in silos and identifies "Key Leverage Points" within a system.

For NUTECH, it means operating on three levels:

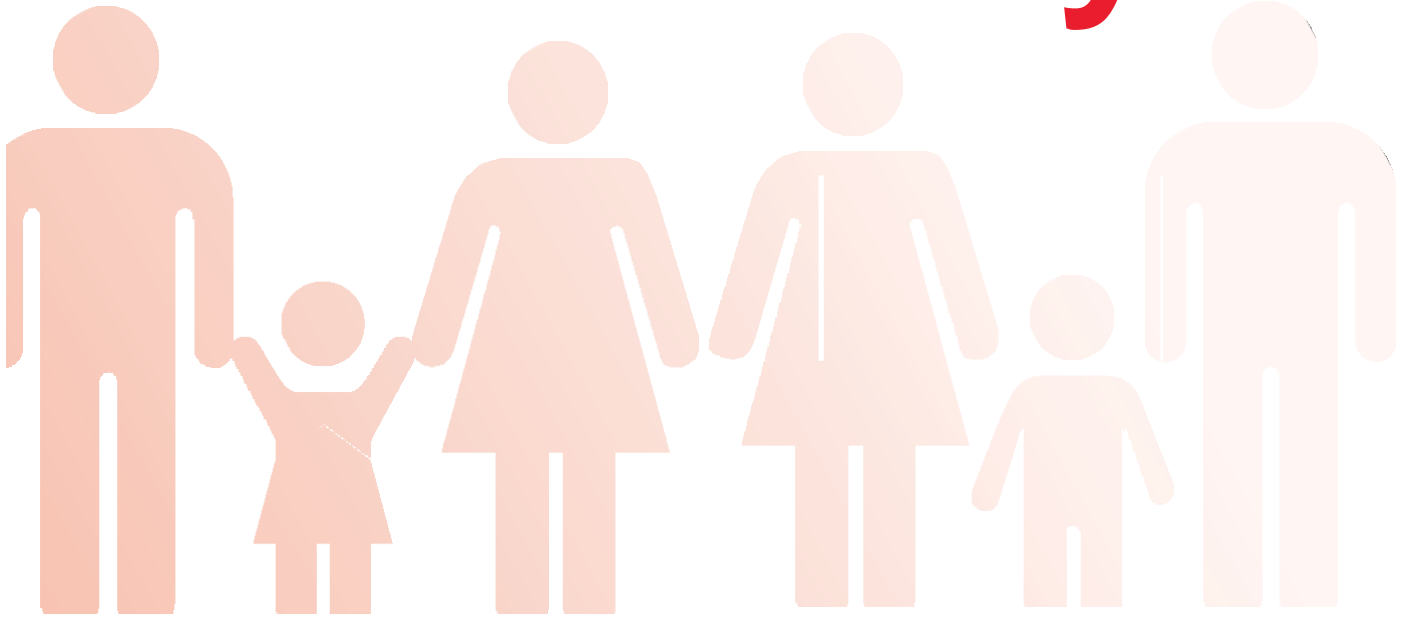
- Joining up with others' efforts to achieve individual goals
- Looking at the inter-relationships between all the goals
- Delivering the goals in a way that models the characteristics we need for a sustainable society.

NUTECH not only held various collaborative and interactive sessions to engage internal stakeholders, to work towards a unified goal of SDGs alignment, but also established cross-sectoral partnerships and international memberships for the cause.



GOAL 1

No Poverty

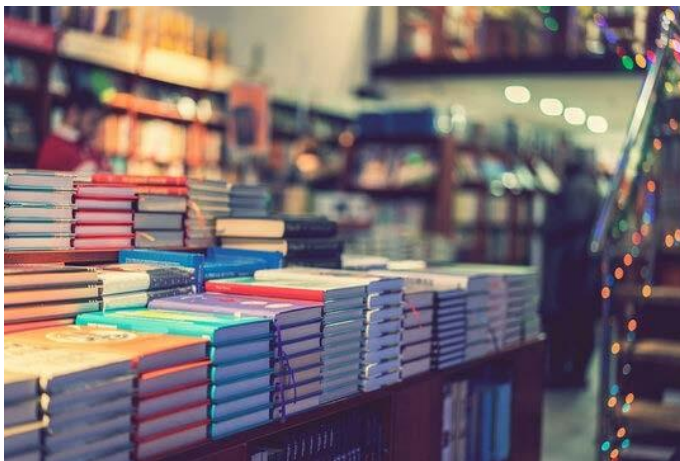


First-Generation Students

NUTECH has around 30% of first-generation students, i.e., whose parents were never enrolled for higher education. Such a large proportion of students at the campus speaks of our contribution towards bringing out an increasing number of families from poverty.

NEED Initiative

NUTECH aims to be a need-blind university, affording education to all those who make it to the university on merit. In this respect, NUTECH looks after the financial needs of the students from underprivileged and underrepresented groups from all across the country, through partnerships with NUTECH alumni, private donors, and government agencies for funding. More than 150 students are studying on need-based scholarships in NUTECH since 2018, and targeted seats have been made free for scholars through a permanent endowment. NUTECH has a number of partners and donors on board.



Tang International Education Group Delegation Visits NUTECH

Islamabad - 9 Feb 2022

Mr. Max Ma, Executive President Tang International Education Group visited NUTECH on 9 Feb 2022 with the vision to transfer technology and technical education from China to Pakistan through joint platform collaborations. Mr. Max Ma briefed about Tang international education cloud platform system, structure of Tang international education group, future strategies plan of Tang and present collaboration with different organizations and universities in Pakistan. He proposed CTE Modern Sino-Pak Dual Diploma/Degree Joint Education Program to NUTECH. Through this 3-year diploma, students will complete one year in Pakistan College and remaining 2 years in China College. The delegation was briefed on university's mission, innovative skills education system, future hi-skills program and international collaborations. Later, the team visited NUTECH campus, discussions were held on the way forward in the collaboration process and future job opportunities and trainings with special reference to CPEC projects.



Iftaar Dastarkhwaan Organized at NUTECH

Islamabad - 15 April 2022

In a holy month of Ramadan, NUTECH Community Club Students under the supervision of Dean of Students Life (DSL) organized an "Iftaar Dastarkhwaan" in the university premises for the public on 15 April 2022. The students together came forward and helped in preparing and distributing Iftaar to the surrounding people at the time of Iftaar. Students distributed approximately 300 Iftaar meals at the Iftaar time.



Open House & Job Fair 2022 at NUTECH

Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open Hose and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector

Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students’ capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



Graduation Ceremony NIVAT Students

Islamabad - 14 Sep 2022

NUTECH Skills Development Department (NSDD) achieved another milestone. Graduation Ceremony of NIVATS students was held at NUTECH on 14 Sep 2022 for the Third Batch of Computer Graphic (Motion) and First Batch of Fashion Designing and Machine Embroidery students. In this regard, at the opening remarks, Director NSDD apprised the audience about the journey of these successful students and their job employment after completing the course. The Chief Guest, Lt Gen Moazzam Ejaz (Retd), HI (M), congratulated the students and appreciated the hard work of NSDD team in enhancing the student's skills. At the end, Rector NUTECH and Pro-Rector, Maj Gen Khalid Javed, distributed certificates to successful students. On this occasion, Principal NIVATS Miss Sadiya, faculty members along with students and their parents were also present. The ceremony concluded with the group photo of shining graduating students.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.





GOAL 2

Zero Hunger



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3 GOOD HEALTH
AND WELL-BEING



GOAL 3

Good Health and Wellbeing

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NUTECH Medical Centre

On-campus medical facilities for students and staff is the most important service a university must provide to ensure the health and well-being of its employees and students. NUTECH Medical Centre provides health services, including **24/7 outpatient medical care for students and staff completely free of cost for everyone on campus.** It also arranges inpatient medical cover in affiliated hospitals, while promoting activities for general wellbeing of NUTECH community.

The medical center consists of an on-duty medical officer, staff and round the clock emergency health-care services with free ambulance. These free of cost medical facilities are available on campus of NUTECH.

NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



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Inter Departmental Sports Matches

Islamabad – 9-10 Feb 2022

Sports are an integral part of the campus life at NUTECH as they make a significant contribution to all-round harmonious development of the students. In order to inculcate sporting spirit among the NUTECH students to participate in sports activities, NUTECH Sports Directorate conducted its Inter Departmental Sports Matches at NUTECH sports complex on 9-10 Feb 2022. Students from different NUTECH undergraduate programs participated in the competition with enthusiasm. Students actively participated in different games including badminton, football, basketball, cricket, futsal and volleyball. Controller of Examination Brig Tehseen Arif graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit.



Rescue 1122 Conducted Basic Life Support Orientation Course

Islamabad - 16 Feb 2022

Basic Life Support Orientation Course was organized by Rescue 1122 with the coordination of Dean of Students Life at NUTECH on 16 Feb 2022. A large number of students with faculty attended the useful session. Community trainer Mubeen-ur-Rasheed from Rescue 1122 briefed the audience about the role of Rescue-1122 in emergencies, importance of emergency management and the significant role and services of Rescue 1122 in emergency management in Pakistan. He provided practical demonstration of the techniques for handling different types of emergencies like first-aid, fire-fighting, handling accidents, heart attack, CPR, control bleeding, fracture management, backbone injury management during emergency conditions and other emergency services to the students. Basic Life Support and Fire Safety Orientation training by Rescue 1122 aims to impart essential training to the students so that they could be able to play their effective role in case of any untoward incident by developing professional approach for any emergency or disaster.



CMH and Medical Directorate Delegation Visits NUTECH

Islamabad - 14 Mar 2022

A delegation from CMH headed by Maj Gen Ali Shan Rao visited NUTECH on 14 Mar 2022 in connection with clinical trials of ICU grade ventilator (NuVent) developed under the supervision of Dean of Research, Brig Dr. Badar Rashid. Delegation was briefed about NUTECH vision, mission, education system, collaborations with national & international organizations and research system by the Registrar NUTECH.

Lt Col Junaid Aftab (NuVent team lead) briefed the delegation about NUTECH's first Pandemic Ventilator by focusing on its system design, features, functionality, performance parameters and ventilator modes. He also provided an overview of NuVent development process and approvals from Pakistan Engineering Council (PEC) and National Bio-ethics Committee (NBC). After the briefing, the delegation visited NUTECH labs, NuVent and other ongoing research projects. Maj Gen Ali Shan Rao appreciated the university efforts in promotion of technology development especially in biomedical and healthcare domains.

NUTECH in quest for technologies creation has developed a robust ventilator system to support indigenous efforts in the fight against COVID- 19. NuVent has been developed by engineers and technologists of NUTECH in a short span. After the approval from PEC and NBC, NuVent is undergoing clinical trials at CMH, Rawalpindi. Soon Inshallah, after the clinical trials, NuVent will be operative at various hospitals to save precious lives.



Interviews for Final Selection of Shortlisted Candidates for Technical Intern Training Program (TITP) Japan

Islamabad - 29-30 Mar 2022

Government of Pakistan has nominated NUTECH as “Sending Organization” for TITP Japan. For this purpose, online registration opened through which thousands of applications were received by NUTECH. After completion of successful online registration process, approximately 150 individuals were interviewed on 29-30 March 2022 at NUTECH for this program. Individuals were interviewed for different skills category as demanded by Japan Government includes Care Workers, Automobile Repair & Maintenance, Excavating Works, Livestock & Agriculture and Fishery. NUTECH is putting forward its earnest efforts in collaboration with Government and plans to send the first batch of youth to Japan for this program in the latter half of this year, Insha'Allah.



NUTECH Sports Gala 2022

Islamabad – 29- 1 April 2022

Sports are an imperative part of the campus life at NUTECH as they make a significant contribution to the all-round harmonious development of the students. NUTECH Sports Department has organized colorful sports gala from 29 March-1 April 2022 at the campus. This three-day sports gala was aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit. Director General NORIIC AVM Asif Maqsood inaugurated the event. The students, faculty members and support staff attended the sport gala inauguration ceremony. Students participated enthusiastically in various games like athletics, badminton, basketball, cricket, futsal, long tennis, snoker, table tennis, tug of war and volleyball. Rector NUTECH Lt Gen (R) Khalid Asghar graced the occasion as chief guest. He witnessed the basketball match at the event along with Pro Rector Maj Gen Khalid Javed and all directors. At the end, the chief guest distributed prizes among the winners of the games. Civil department students are the winners of NUTECH sports gala 2022. The ceremony concluded with the trophy hold by HOD Civil Department with their winning stars.



NUTECH First Spring Gala 2022

Islamabad – 30 - 1 April 2022

NUTECH Dean of Students Life (DSL) Department organized three-day Spring Gala from 31 March - 1 April 2022. This colorful festival not only aimed to bring forward students' teamwork and leadership qualities but also gave them an opportunity to showcase their creative side. On the first day, students participated in arts exhibition where their artwork and creative paintings were displayed. On the spot, sketch competition and games like Minute to Win It, Ludo, Chess etc. were part of the gala. Second day comprised of Bazm-e-Adab, Bait Baazi and motivational talks. Open mic café was also part of the gala on the second day where students displayed their talent through various creative performances on stage. On the third & last day of the event, student's setup different cultural stalls, showcasing their cultural dresses and various touristic sites. These cultural stalls beautifully displayed the rich culture of Pakistan. The students enjoyed delicious food, which were available on different food stalls at the gala. Chief Guest of the day, Rector NUTECH Lt Gen (R) Khalid Asghar, alongwith Pro-Rector Maj Gen Khalid Javed witnessed the different stalls of the students and appreciated the hard work. At the end, Rector congratulated the organizers for making this event special and creative. The spring gala 2022 ended with prize distribution ceremony.



World No Tobacco Day/International Drugs Abuse Day

Islamabad - 3 June 2022

WORLD NO TOBACCO DAY is observed on 31 May each year to raise awareness about the ill effects caused by tobacco. Tobacco consumption kills over 80 lakh people across the world every year. Besides the human loss, consuming tobacco also causes deterioration of environment. In the same backdrop, Office of Dean of Students Life (DSL) arranged an awareness program to mark the occasion of “World No Tobacco Day/International Drugs Abuse Day” on 3 June 2022 at NUTECH. The main aim of this event was to raise the awareness among students about the health risks caused by the use of tobacco and its impact on environment. The event was attended by students, faculty and support staff. Guest Speaker Dr. Mazhar Iqbal Bhatt, Assistant Professor of International Islamic University, briefed the audience about increasing tobacco consumption among youth and its ill effects on human health. This useful session was ended with student’s question answer session.



Askari & Fauji Cement Company Limited (AFCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Efficient Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFCCL.



Recreational Trip Bhurban / Cleaning Drive

Islamabad – 25 June 2022

A two-day recreational trip to Chinar Golf Club Bhurban was arranged by DSL Office on 24th & 25th June 2022. A total of 416 x students, 39 x faculty members, 48 x family members, and 37 x support staff went on these trips. NUTECH provided all the facilities including transport, food, and security to ensure that they enjoy their day. Students, faculty and support staff enjoyed playing golf and hiking on Pine Wood Trail. Cleaning Drive was also held in the suburbs of Bhurban by the students of NUTECH Green Youth Movement Club. The students, faculty, and support staff really appreciated the efforts of the DSL Office and NUTECH for organizing a wonderful trip for them.



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Islamabad - 30 Aug 2022

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NUTECH Flood Relief Camp

Islamabad - 5 Sep till 9 Sep 2022

In the wake of heavy floods that have caused havoc across many parts of Pakistan, hundreds of people have died and millions rendered homeless due to torrential rains and heavy floods. To support this National cause, NUTECH Community Service Club under the supervision of Dean of Student Life office organized a Flood Relief Camp from 5 Sep-9 Sep 2022 at NUTECH. During this week students, faculty, support staff and all NUTECH Family stepped forward and generously contributed to help their Pakistani brothers and sisters in these difficult times. NUTECH Family made donations in form of cash, food items, medicines, hygiene items, clothes and kitchen utensils.



Cadet College Wana Delegation Visits NUTECH

Islamabad - 5 Oct 2022

A delegation comprising cadets and faculty members from Cadet College Wana, led by the Director of Studies, visited NUTECH on 5 Oct 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid Manzoor briefed them about university's mission, vision, academic programs, innovative academics system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Eid Milad Nabi (S.A.W.) Celebrations at NUTECH

Islamabad - 11 Oct 2022

To commemorate the blessed birth of Prophet Muhammad S.A.W., a Milad was celebrated at the National University of Technology (NUTECH), Islamabad. Students and the University staff including faculty members and support staff participated in the event with great religious zeal and fervor. The participants paid rich tribute to the Holy Prophet S.A.W. through beautiful Naats and thought-provoking speeches highlighting the different aspects of the life of the Holy Prophet S.A.W. The event was concluded with a special talk on the morals given and taught by the Holy Prophet S.A.W. in line with this year's theme for Milad as suggested by the Ministry of Religious Affairs & Interfaith Harmony.



Workshop on Medical Image Processing at NUTECH

Islamabad - 12 Oct 2022

A workshop on Medical Image Processing and its application to early detection of infectious diseases such as breast cancer, hepatocellular carcinoma (HCC) was organized on 12 Oct 2022 under the auspices of Computer Science department, National University of Technology. Dr Gloria Taliani Full Professor of Infectious Diseases, Sapienza University Rome graced the occasion and delivered a talk on detection of HCC. Dr Taliani is a distinguished expert in the field of infectious diseases with enormous research contribution to the field. Her main research interest includes Epidemiology, Pathogenesis and Therapy of viral hepatitis, Pathogenesis and Therapy of bacterial infections.

During her visit, she held meetings with the senior management of NUTECH. Subjects of mutual cooperation such as joint research in the field of liver diseases and liver failure, biomedical signal processing for detection of cardiac diseases using machine learning/AI models, faculty and students exchange program between NUTECH and University of Rome were discussed. Dr Taliani also held discussion with the senior faculty members to identify areas of mutual collaboration, research and development and way forward for future collaboration was identified.



Inter-Batch Sports Matches at NUTECH

Islamabad – 9 Dec 2022

Sports are an integral part of the campus life at NUTECH as they make a significant contribution to the all-around harmonious development of the students. NUTECH conducted its Inter-Batch Sports Matches at the NUTECH sports ground on 9 Dec 2022 under the supervision NUTECH sports department. Students actively participated in different games including Badminton, Basketball, Cricket, Futsal, Snooker, Table Tennis and Volleyball. Director Finance Brig Ahmed Bilal Janjua, (Retd) graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit.



Allama Iqbal Day Celebrations at NUTECH

Islamabad - 24 Nov 2022

Allama Iqbal day was celebrated at the National University of Technology with national zeal and fervor to pay homage to Dr. Allama Muhammad Iqbal on 24 Nov 2022. The students enthusiastically participated in the event to pay tribute to the "Poet of the East". The event commenced with the recitation of the Holy Quran followed by Iqbal's poetry and speeches on Iqbal's life. DG Skills Maj Gen Raza was the chief guest. The event was aimed at creating awareness amongst our young generation about the role and services of Allama Iqbal for Muslims of the sub-continent in getting a separate homeland. In the end, the Dean of Student Life and the Director NSDD distributed certificates among the participants.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



Cadet College PISHIN Delegation Visits NUTECH

Islamabad – 9 Dec 2022

A delegation comprising cadets and faculty members from Cadet College PISHIN visited NUTECH on 9 Dec 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid briefed them about the university's mission, vision, academic programs, innovative academic system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Breast Cancer Awareness Talk

Islamabad - 16 Dec 2022

To increase awareness of the prevention of breast cancer and its early diagnosis, NUTECH organized a Breast Awareness Talk on 16 Dec 2022. Dr. Tahira Sadiq as a guest speaker briefed the participants on cancer's growth process, risk factors, signs and symptoms, diagnostic, screening tools, and treatment options. She suggested lifestyle modification including daily exercise to help reduce the risk of breast cancer. She also demonstrated how to perform a self-examination every month so that the slightest change can be detected easily. This useful Breast Cancer Awareness Talk gave insight to female students on the benefits of early detection of and how to regularly self-examine for breast cancer. This useful awareness talk concluded with an interactive question & answer session.





4 QUALITY EDUCATION



GOAL 4

Quality Education



NUTECH Academic Program

NUTECH offers top-notch education with a comprehensive curriculum of UG, Masters programs. NUTECH has an enrollment of 830 students and boasts of a competitive pool of 130 faculty members out of which 90% are Ph.D. qualified. NUTECH is the top university of Engineering and Technology in Pakistan.

NUTECH Outreach Program

Admissions Department conducts awareness sessions (both in online and face to face mode) all over Pakistan in order to reach out prospective candidates and guide them regarding NUTECH, Undergraduate Admissions Process, NUTECH Need Based Scholarships program and incentives offered to students during their stay at NUTECH as well as the market placement opportunities etc.

Despite the COVID situation in year 2022, this directorate managed to conduct sessions in 8 cities of Pakistan including Lahore, Gujranwala, Wah Cantt, Gilgit Baltistan and Skardu.

Technical Advisor to Ministry of Federal Education and Professional Training Visits NUTECH

Islamabad - 12 Jan 2022

Ms. Ayesha Razzaq, Technical Advisor to Ministry of Federal Education and Professional Training visited NUTECH on 12 Jan 2022. She was briefed about university's mission, vision, innovative skills education system, future hi-skills program and international collaborations. Later, dignitary visited NUTECH campus, NUTECH Skills Development Department (NSDD) labs and allied facilities of the campus. Technical Advisor to Ministry of Federal Education and Professional Training appreciated the efforts of NUTECH towards enhancing country skills education system and vision to nurture future generations to fulfill industrial needs.



NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



Labs and Research Facilities

'NUTECH has been equipped with state-of the- art labs to facilitate practical knowledge and applied research. NUTECH also provides on- campus cloud infrastructure offering IAAS, SAAS services. Some of the notable research- intensive labs include Anechoic Chamber, Image Processing Centre GPU-based Supercomputing, Supersonic Wind Tunnel, Material Characterization Facility at Micro & Nano level, Smart Grids, Robotics & Control Lab, and Neuro-Informatics, etc.

Professional Development Centre

700+ trainings, 18000 personnel trained, 800+ organizations

PDC is imparting high quality continuing education to NUTECH employees and industry professionals in the fields of Management, Engineering and Information Technology. PDC has con-ducted so far 700+ industry focused workshops and trained more than 18000 personnel and made a huge clientele of over 800 organizations. PDC is leveraging upon a rich faculty base of 1200+ members of NUTECH, including more than 300+ PhDs.

PDC is a certified professional engineering body of Pakistan Engineering Council (PEC) responsible for carrying out continued professional development of PEC-registered and professional engineers. The human resource programs offered at PDC are accredited from HRCI USA. The prime objective of PDC is to provide access to knowledge, capacity building and continuing education facility to professionals from all walks of life.

Central Library and Affiliated Libraries

350,000 books/e-books and 80,000 journals/e-journals

A state-of-the-art Central Library has been established in I-12 Islamabad Campus to house more than 350,000 books/e-books and 80,000 journals/e-journals. This facility is open to NUTECH students, faculty and staff to promote reading culture, facilitate group studies and conduct training on citation management, information literacy and search management. NUTECH has continued to revive book-keeping culture as well as upgraded the facility with digital formats like e-books/e-journals to keep up with the pace of the modern age. The students are facilitated with publications, presentations, and writings in all formats free of cost, thus committing to free access to education for everyone.

Students Clubs and Societies

Dedicated office for activities (Students Affairs and Counselling Directorate, student's societies, and clubs, + annual student engagements)

Besides academic excellence, NUTECH ensures that students also develop literacy, creativity and leadership qualities to tackle global challenges. Therefore, NUTECH has established several societies and clubs for students to provide them with opportunities to pursue their passions and participate in and arrange events under the auspices of a dedicated directorate. The office, Students Affairs Directorate, is responsible for arranging and coordinating co-curricular activities at the campus. The following central clubs and societies are currently operational in NUTECH:

- ✚ NUTECH Adventure Club
- ✚ NUTECH Media & Publicity Society
- ✚ NUTECH Fine Arts & Creativity Club
- ✚ NUTECH Literary Society
- ✚ NUTECH Green Youth Movement Club
- ✚ NUTECH Community Service Club

NUTECH Achievement - Land Allotment of New Campus

Islamabad - 8 Feb 2022

NUTECH Main Campus Land Allotment Ceremony was organized by Future Development Holdings Limited at Capital Smart City on 8 Feb 2022. Function was attended by the prominent head of institutions who were allotted land for their organizations at CSC, it includes Dr. Taseer Director Elderly Care Center, Dr. Zafar Director Gandhara Arts and Culture Center and Dr. Irfan Chairman Harley Brain & Spine Hospital UK attended the ceremony. Rector NUTECH Lt Gen (R) Khalid Asghar graced the occasion as Chief Guest. Brig Abid Cheema Head of Business Development of FDHL in his welcoming note extended his gratitude to NUTECH management and other stakeholders for choosing Capital Smart City as their future destination. Earlier on 2020, an MOU was signed between NUTECH and Capital Smart City (CSC) for development and operationalization of a futuristic smart campus of Technology University of international standards. CSC shall play the role of a key partner to support NUTECH in provision of land for NUTECH main campus and support services for its operations. Rector NUTECH Lt Gen (R) Khalid Asghar in his address emphasized that NUTECH will promote higher education in the realm of creation, promotion, transfer and implementation of indigenous technologies and help in solving problems of HR in terms of young engineers, technologists and skilled workforce. NUTECH will play its imperative role in enhancing Pakistan's industrial growth and economy. We need a National approach for promotion of applied R& D and applied skills education, he added. NUTECH Main Campus shall help in achieving its vision and mission of producing entrepreneurs and industrial leaders of Character in the coming years. NUTECH will benefit 30,000 to 50,000 students per year at its main campus at Capital Smart City in future. Chairman FDHL Mr. Zahid Rafiq presented the Land Allotment Letter to Rector NUTECH. The Ceremony was also attended by the member of Senior faculty and administration of NUTECH



Tang International Education Group Delegation Visits NUTECH

Islamabad - 9 Feb 2022

Mr. Max Ma, Executive President Tang International Education Group visited NUTECH on 9 Feb 2022 with the vision to transfer technology and technical education from China to Pakistan through joint platform collaborations. Mr. Max Ma briefed about Tang international education cloud platform system, structure of Tang international education group, future strategies plan of Tang and present collaboration with different organizations and universities in Pakistan. He proposed CCTE Modern Sino-Pak Dual Diploma/Degree Joint Education Program to NUTECH. Through this 3-year diploma, students will complete one year in Pakistan College and remaining 2 years in China College. The delegation was briefed on university's mission, innovative skills education system, future hi-skills program and international collaborations. Later, the team visited NUTECH campus, discussions were held on the way forward in the collaboration process and future job opportunities and trainings with special reference to CPEC project.



14th Academic Council Meeting (ACM)

Islamabad - 22 Feb 2022

NUTECH 14th Academic Council Meeting (ACM), chaired by Rector NUTECH, Lt Gen Khalid Asghar (Retd), was held on 22 February 2022. In the meeting, Council was apprised of the implementation and progress of the decisions of 13th ACM. All members including Registrar, Deans and HOD's attended the meeting. The ACM approved sixteen agenda points related to different academic matters. Council accorded curriculum approval for MS Computer Science and Civil Engineering Programs and Post-Graduation Program Policies. Furthermore, ACM also approved Technical Training Internship Program (TITP) Execution for Batch-1 Program, being run by Skills Department of NUTECH. Forum also approved Framework for Project Execution and Commercialization at NUTECH and its Quality Management System Framework. Forum approved Policies of Emergency Health and Safety, Community Services and Establishment of Counselling Cell at the Campus. For International Collaborations, a draft MOU for Cooperation between Federal Institution of Higher Education Russian University of Transport (RUT) and NUTECH was approved for further proceedings. The Council after due deliberation and minor modifications approved the agenda points.



Founder & Chairman Commonwealth Entrepreneurs Club (CEC) Visits NUTECH

Islamabad - 18 Feb 2022

Mr. Mobeen Rafique, Founder & Chairman CEC accompanied by Mr. Manzoor Anwar Global President CEC, Brig (R) Anjum Saeed Vice President SMEs Pakistan and Mr. Ammar Jaafri President CEC Pakistan visited NUTECH on 18 Feb 2022. The delegation was briefed about university's mission, innovative education system, future academic programs and international collaborations. Matters related to future collaborations with CEC delegation were discussed. Later, the delegation visited NUTECH campus, labs and allied facilities of the campus.



Institutional Performance Evaluation (IPE) Panel Visits

Islamabad – 29-31 Mar 2022

National University of Technology (NUTECH) conducted its Second Self Institutional Performance Evaluation (IPE) on 29 - 31 Mar 2022 as per the annual targets given by Higher Education Commission Quality Assurance Agency (HEC QAA). IPE panel comprised of one External Reviewer, Prof. Dr. Ali Sajid, TI, Director Lahore School of Management and three Internal Reviewers including Brig Taimur Baig (Director NUQAD), Lt Col Dr. Nauman Razzak (HOD Electrical Department) and Dr. Muhammad Rashid (HOD Computer Science Department). Prof. Dr. Ali Sajid was received warmly at NUTECH. A detailed briefing on NUTECH was given by Registrar Brig Dr. Syed Adnan Qasim. He was taken for a visit of the university by Brig Dr Muhammad Almas Anjum. Later, IPE panel led by Prof. Dr. Ali Sajid (TI) undertook detailed review/ assessment of various offices and departments. Necessary details pertaining to management, HR, academic programs, accreditation, infrastructure and facilities available to students were shared with the panel by respective Directors and HODs. Quality improvement aspects of ongoing undergraduate programs (Mechanical, Civil, Electrical, Computer Engineering and Computer Science) were deliberated in detail. IPE panel also interacted with the faculty and students. External reviewer greatly appreciated the commitment of NUTECH senior management. He was highly satisfied with the functioning of different organs of NUTECH academic system. He highlighted importance of the teacher's role towards personality development of the students and urged upon all stakeholders to work for further improvement and strengthening of the university academic and support systems.



Interviews for Final Selection of Shortlisted Candidates for Technical Intern Training Program (TITP) Japan

Islamabad - 29-30 Mar 2022

Government of Pakistan has nominated NUTECH as “Sending Organization” for TITP Japan. For this purpose, online registration opened through which thousands of applications were received by NUTECH. After completion of successful online registration process, approximately 150 individuals were interviewed on 29-30 March 2022 at NUTECH for this program. Individuals were interviewed for different skills category as demanded by Japan Government includes Care Workers, Automobile Repair & Maintenance, Excavating Works, Livestock & Agriculture and Fishery. NUTECH is putting forward its earnest efforts in collaboration with Government and plans to send the first batch of youth to Japan for this program in the latter half of this year, Insha’Allah.



ABS System Handover Ceremony at NUTECH

Islamabad - 31 Mar 2022

NUTECH has organized Advanced Ballistic Calculating System (ABS) handover ceremony to Army at the campus. NUTECH has achieved this innovative product through the hard work of R & D team working at NUTECH Innovation Center (NIC). IGT&E Lt Gen Syed Muhammad Adnan, HI(M) graced the occasion as Chief Guest. At the ceremony, Lt Col Junaid Aftab, TI (ABS team lead) apprised the audience about development process of ABS. The audience was also briefed about in-house testing, field-testing and impact of ABS system on operational preparedness of Pak Army. At the occasion. IGT&E Lt Gen Syed Muhammad Adnan thanked Rector NUTECH Lt Gen (R) Khalid Asghar and Pro-Rector Maj Gen Khalid Javed along with the development team for completing the project in a befitting manner. Rector Lt Gen (R) Khalid Asghar emphasized upon the fact that NUTECH is committed to its vision to promote, develop and implement indigenous technologies for industry and the military. The successful completion of the project and delivery to Pakistan Army is the first step in this regard.

This ballistic calculator has been conceived to reduce computational workload of military personnel during operations by automatically providing correct required firing solutions during changing ambient conditions and in the heat of the battle. The ceremony was attended by high officials from GHQ, IGT&E branch and members of BOG along with NUTECH students, faculty and support staff.



NUTECH Undergraduate Students Achievement

“Painting and Short Documentary Making” Contest

Directorate of Electronic Media and Publications organized a painting and a short documentary-making contest as part of Pakistan Day Celebrations based on three themes 1) The scenic beauty of Islamabad, 2) Pakistan Resolution, and 3) Diversity and National Cohesion in Pakistan. Students of all Islamabad-based HEIs were invited to participate in the said event. Despite the ongoing ESEs of NUTECH students, UG students were encouraged to participate in the contest. Two students, Mohammad Kamran Khan (ME 19) and Bushra Saeed (ME 19) participated in the painting contest. Two paintings by Muhammad Kamran Khan and one by Bushra Saeed were submitted by the DSL office to the organizing Directorate. The exhibition was held on 21st March at Aiwan-e-Quaid Fatima Jinnah Park F-9 Islamabad. The event was graced by Mr. Fawad Chaudhry (Federal Minister for Information and Broadcasting) as Chief Guest. Hundreds of paintings were part of the competition.

NUTECH as always shined again. NUTECH students won accolades at the event and Mohammad Kamran Khan secured 1st position in the painting contest. He was awarded Rs. 5000/- cash prize and an appreciation Certificate while Bushra Saeed received a participation certificate.

“Robotics & Projects Exhibition” Competition at GIKI

National Electronics Olympiad (NEO22) organized a two-day event in GIKI University, from March 19 to 20, 2022. The event was categorized into 14 different Robotics & Projects Exhibition modules. Engineering of Pakistan participated in this event. Few mentionable include NUST, University of Punjab Lahore, FAST-NU Islamabad, Air University Islamabad, UET Peshawar, etc.

Students from different renowned universities

Students of the Computer Engineering and Electrical Engineering departments participated in a few modules and were declared winners in four modules and runners-up in four modules as well.

Winners		Runner-Up		
Projects	Participants	Projects	Participants	
Project Exhibition	Sami ud Din	Figure 8 Race	Afaq Ayub	
	Asad Ali		Nabeel Ali	
	Samia Bukhari		Azlaan Naveed	
Roborace	Samra Riaz	Robomaze	Ali Hamza	
	Abdul Basit		Fahar Qureshi	
Power Scope	Hamza Arshad	Project Exhibition	Fahad Tariq	
	Muhammad Tabish		Muhammad Kawish	
	Asad Ullah Tariq		Nawazish Jaha	
PCB Design	Awais Majeed	Roborace	Fahad Tariq	
	Awais Ahmed		PCB Design	Fawad Ali
	Asad Ullah			Waqar

Merit Scholarship Ceremony

Islamabad - 25 April 2022

Students merit based scholarship award ceremony for Fall Semester 2021, was held at NUTECH on 25 April 2022. It was the sixth merit based scholarship ceremony in which 103 students (Batch 18, 19, 20 & 21) from Six Engineering Programs received the scholarship award. Rector NUTECH, Lt Gen (R) Khalid Asghar distributed scholarship certificates to the successful students and congratulated them on their excellent academic results. NUTECH offers merit based scholarships on semester basis at the end of every semester to high achievers who are exhibiting strong academic performance.



Industrial Creative Activity Term (ICAT) 2022 Ceremony

Islamabad - 25 April 2022

NUTECH third Industrial Creative Activity Term (ICAT) week planned during semester break was successfully completed on April 2022. It was a four-week activity period during which students were encouraged to set their own educational agendas, pursue independent projects and interact with faculty. All members of the NUTECH community including faculty were free to introduce innovative educational experiments as ICAT activities with the aim at sharing a particular talent, expertise or interest with others at the university. Rector NUTECH Lt Gen (Retd) Khalid Asghar, Pro-Rector Major Gen Khalid Javed and DG NORIIC AVM Asif Maqsood visited different projects stalls and interacted with the students. At the closing ceremony, Rector Lt Gen (Retd) Khalid Asghar appreciated the effort of students in attaining such wonderful achievements within four weeks of ICAT. He praised the student's projects and encouraged them to polish and pursue them as their final degree projects and industrial need projects. At the end, Rector distributed the prizes to the best student's projects.



MAEMAAR Scholarship Inauguration

Islamabad - 17 May 2022

NUTECH caters for education needs of all segment of our national youth. Rector NUTECH, Lt Gen Khalid Asghar (Retd) has always extended help to needy students of the university. On the eve of his retirement, he has envisioned and desired to create a futuristic “MAEMAAR” as NUTECH Scholar for Talented Identification and Promotion (NUSTIP). To achieve this, Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated “MAEMAAR Scholarship” on 17 May 2022. This scholarship program envisions to incentives the exceptionally talented but neediest students of NUTECH at all level of education, applied R & D and entrepreneurship so as to enable them to become future industrial leaders, highly skilled workers and productive members of the society.



NIMS Inauguration at NUTECH

Islamabad - 17 May 2022

Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated NUTECH Information Management System (NIMS) on 17 May 2022. NUTECH is spreading its horizons to provide the best IT services to its students and faculty. To achieve this target, NUTECH acquired Campus Management System (CMS) & Enterprise Resource Planning (ERP) collectively called NUTECH Information Management System (NIMS), which is based on open source Odoo platform to automate its business processes. NIMS is based on modular architecture to handle all students and faculty activities aspects/work flow for efficient and effective working.



RCCI Artificial Intelligence Conference 2022

Islamabad - 3 & 4 June 2022

Rawalpindi Chamber of Commerce & Industry (RCCI) organized a two-days Artificial Intelligence Conference from 3-4 June 2022 at PC Hotel, Rawalpindi, in which renowned IT companies and institutions from across the country exhibited their products. National University of Technology (NUTECH) delegation under the supervision of DG NORIIC AVM Asif Maqsood, took active part in the exhibition. NUTECH presented its Stall in the Expo in which university products like NUTECH Ventilator (NuVent), Advanced Ballistic Calculating System (ABS), 3D Printer (NUPrint), Distributed Wind Director System etc. were displayed. Besides these University Research Projects exhibition, information regarding university admissions was also provided at the Stall. Audience actively visited NUTECH Stall and praised the efforts of NUTECH and achievements in such a short span of time. Panel discussion was also an imperative part of the conference. Dr. Sultan Daud Khan Assistant Professor from NUTECH also took part in panel discussion and gave his useful insights on "Industrial Automation Technology for Emerging Pakistan". Other topics included in the panel discussions were related to artificial intelligence, automation, robotics and industry academia linkages.

Various companies and institutes from across Pakistan exhibited their products in this exhibition whose purpose was to highlight the modern trends such as artificial intelligence. Besides various commercial enterprises, 03 universities i.e. NUTECH, IST and TMUC had setup their stalls showcasing their respective achievements. NUTECH as the youngest among the other universities in the Expo, received great appreciation from the public. During this activity, the contacts established with various industrial/commercial entities by NORIIC team will greatly facilitate NUTECH's future engagements with industry in terms of collaborative ventures and students' job placements.



NUTECH First Magazine Launch Ceremony

Islamabad - 17 May 2022

The launch ceremony of NUTECH First Magazine was held on 17 May 2022. Rector NUTECH Lt Gen Khalid Asghar (Retd) graced the occasion as Chief Guest. NUTECH achieved another milestone through successful production of its first magazine, which includes different segments ranging from initial stages of university development, undergraduate and skills education system, academia industry linkages, latest developments in university for preparing future industry leaders, ventilator development, cooperative engineering technology program and NUTECH main campus development etc. As Chief Guest, Rector NUTECH Lt Gen Khalid Asghar (Retd) appreciated the hardwork of editorial board for developing NUTECH first ever magazine in such a short time. The inauguration ceremony ended with certificate distribution to all authors and editorial board members as acknowledgement of their contributions.



Establishment of NUTECH Karachi Campus (NKC)

Islamabad - 1 July 2022

An MoU for the establishment of NUTECH Karachi Campus (NKC) as an exports enhancement project of Karachi Chamber of Commerce & Industry (KCCI) was signed between NUTECH and Airport Security Force Foundation (ASFF) on 1 July 2022. According to the MoU, ASFF will provide 50 Acres of land to NUTECH for world-class R&D for the industry to create, develop, implement and promote emerging technologies and allied skills for imports substitution, technology upgradation, value-addition and exports enhancement. The MoU was signed in an impressive ceremony hosted by ASFF at a local hotel in Karachi. The event was attended by Pro-Rector, Registrar and A/Director P&D from NUTECH apart from more than 50 leading industrialists and exporter of Karachi as well as some leading figures of academia. DG ASF and MD ASFF Maj Gen Abid Latif Khan thanked the leadership of NUTECH and industry for initiating such visionary project of great national significance. He assured NUTECH and national industry of complete support of ASFF for making NKC a successful project of ASF city in future.



Visit of Professional Engineering Body (PEB) under POEC Act & PDE Bye-Laws 2008 NUTECH

Islamabad - 14 June 2022

Earlier in this year, PEC team conducted two-day accreditation visit and found the university faculty, staff, labs and infrastructure requirements according to the criteria. They commended the university policies, documentations and the institution's performance. To extend this, Engineering Professional Development Committee (EPDC) under PEC has decided to conduct a visit to NUTECH for Registration as Professional Engineering Body (PEB) with them. The delegation comprising of Eng Dr. Ijaz Bashir, Member RCPEB and Eng. Khadim Hussain, Senior Assistant Registrar PEC HQ visited NUTECH on 14 June 2022. They were briefed about university's mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Later, the delegation visited labs, classrooms, library and interacted with faculty. During the visit, HOD's of departments briefed the team about their department structure, education methodology and faculty hard work towards achievement of quality education under the guidelines of PEC and HEC.



Visit of Pakistan Institute of Development Economics (PIDE) Delegation

Islamabad – 14-15 June 2022

HESSA tends to conduct a study to develop a deeper understanding of the current landscape of students' affairs services at 15 Higher Education Institutes in Pakistan. For this purpose, they selected Pakistan Institute of Development Economics Development (PIDE) to conduct this survey study. A delegation from PIDE visited NUTECH on 14-15 June 2022. In this two-day visit, PIDE team interact with different offices and its management, which includes Dean of Student Life (DSL), Exam Office, NORIIC Office and NUQAD Office. Discussion related to student's affairs, financial aid to students (scholarship) and student's placement mechanism in different industries were discussed. The team also conducted interactive session with students.



Askari & Fauji Cement Company Limited (AFCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Efficient Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFCCL.



Open House & Job Fair 2022 at NUTECH

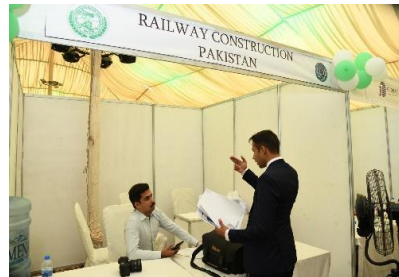
Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open House and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector

Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students' capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



Workshop on Intellectual Property (IP) Rights

Islamabad - 9 Sep 2022

NORIC organized a Workshop titled “Intellectual Property Rights – Techno-legal Aspects of Patent Filing Process” on 09 Sep 2022 at NUTECH. Faculty members from all departments and members of Dean of Research Office attended this useful Workshop. Mr. Ghulam Mujtaba Kamal, Assistant Controller of Patents from Intellectual Property Organization (IPO), Pakistan was the guest speaker. Workshop was comprised of two sessions in which first session was based on General Introduction of Intellectual Property Rights (IPRs), while the second session was focused on Patent System and Patent Filing Process. At the end, Director NORIC thanked the guest speaker for sharing his valuable knowledge and enlightening the participants with the IPR and its intricacies.



Graduation Ceremony NIVAT Students

Islamabad - 14 Sep 2022

NUTECH Skills Development Department (NSDD) achieved another milestone. Graduation Ceremony of NIVATS students was held at NUTECH on 14 Sep 2022 for the Third Batch of Computer Graphic (Motion) and First Batch of Fashion Designing and Machine Embroidery students. In this regard, at the opening remarks, Director NSDD apprised the audience about the journey of these successful students and their job employment after completing the course. The Chief Guest, Lt Gen Moazzam Ejaz (Retd), HI (M), congratulated the students and appreciated the hard work of NSDD team in enhancing the student's skills. At the end, Rector NUTECH and Pro-Rector, Maj Gen Khalid Javed, distributed certificates to successful students. On this occasion, Principal NIVATS Miss Sadiya, faculty members along with students and their parents were also present. The ceremony concluded with the group photo of shining graduating students.



Cadet College Wana Delegation Visits NUTECH

Islamabad - 5 Oct 2022

A delegation comprising cadets and faculty members from Cadet College Wana, led by the Director of Studies, visited NUTECH on 5 Oct 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid Manzoor briefed them about university's mission, vision, academic programs, innovative academics system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Workshop on Medical Image Processing at NUTECH

Islamabad - 12 Oct 2022

A workshop on Medical Image Processing and its application to early detection of infectious diseases such as breast cancer, hepatocellular carcinoma (HCC) was organized on 12 Oct 2022 under the auspices of Computer Science department, National University of Technology. Dr Gloria Taliani Full Professor of Infectious Diseases, Sapienza University Rome graced the occasion and delivered a talk on detection of HCC. Dr Taliani is a distinguished expert in the field of infectious diseases with enormous research contribution to the field. Her main research interest includes Epidemiology, Pathogenesis and Therapy of viral hepatitis, Pathogenesis and Therapy of bacterial infections.

During her visit, she held meetings with the senior management of NUTECH. Subjects of mutual cooperation such as joint research in the field of liver diseases and liver failure, biomedical signal processing for detection of cardiac diseases using machine learning/AI models, faculty and students exchange program between NUTECH and University of Rome were discussed. Dr Taliani also held discussion with the senior faculty members to identify areas of mutual collaboration, research and development and way forward for future collaboration was identified.



PEC Excellence Award 2022

Islamabad - 19 Oct 2022

National University of Technology (NUTECH) is proud to share that Pakistan Engineering Council (PEC) has awarded PEC Excellence Award (Lifetime Achievement) to Rector NUTECH Lt Gen Moazzam Ejaz (R), HI (M) and FOUNDING RECTOR NUTECH Lt Gen Khalid Asghar (R), HI (M) in recognition of his extraordinary contribution and services to the engineering profession. The award has been conferred upon the outperforming engineers in the country as well as expatriates who have contributed to the socio-economic development of Pakistan. PEC Excellence Award objective is to recognize the outstanding services and worthy achievements of eminent Pakistani Engineers who have made notable impact in national interest and contributed significantly to the country's social and economic development.

In this regard, The PEC Excellence Award Ceremony was held at Aiwan-e-Sadar, Islamabad on 18 Oct 2022. President of Pakistan Dr. Arif Alvi has honored Rector National University of Technology (NUTECH) Lt Gen Moazzam Ejaz (R), HI (M) with PEC Excellence Award (Lifetime Achievement). The subject award conferred to FOUNDING RECTOR of NUTECH, Lt Gen Khalid Asghar (R), HI (M), however, due to his personal commitments his award will be presented afterwards by Chairman PEC. NUTECH Family extend heartiest congratulations to FOUNDING RECTOR NUTECH Lt Gen Khalid Asghar (R), HI (M) and present Rector Lt Gen Moazzam Ejaz (R), HI (M) and pray that they will keep on achieving such splendid milestones in the future as well.



HESSA Delegation Visits NUTECH

Higher Education System Strengthening Activity (HESSA) is a project of University of Utah (UU) supported by USAID. It aims at capacity building of 16 selected HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs.

NUTECH is honored to be a part of the HESSA program as one of the 16 selected HEIs. Members of the HESSA project team including Mike Barber (Project Director), Cheri Daily (Project Manager), Aslam Chaudhry (Chief of Party), Ayesha Razzaque (Deputy Chief of Party), Susan Carvalho and Gwendolyn Schaefer visited NUTECH. The HESSA team had a detailed meeting with Rector NUTECH Lt Gen (R) Moazzam Ejaz, HI(M), Pro- Rector Maj Gen Khalid Javed and DG NORIC Air Vice Marshal Asif Maqsood, SI(M) along with other officers and faculty members from NUTECH. Faculty members who had undergone various trainings organized under the HESSA project shared their experiences and praised the HESSA team for their efforts. Registrar Dr Adnan Qasim briefed the visiting HESSA team about NUTECH. Dean of University Dr Muhammad Almas Anjum lead the discussion on NUTECH's participation in HESSA project and briefed the visiting team about NUTECH's strategic initiatives and expectations from the HESSA project.



Visit of President International Tunneling Association

Islamabad – 9 Dec 2022

President of International Tunneling Association Professor Arnold Dix visited NUTECH on 9 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry. He appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. Professor Arnold Dix also interacted and deliver a talk to students and faculty.



NUTECH Participation at IDEAS-2022 Exhibition, Karachi

Islamabad – 15-18 Nov 2022

International Defense Exhibition and Seminar, IDEAS 2022 is being organized from 15th – 18th November 2022 at Karachi Expo Centre (KEC). IDEAS 2022 exhibits a wide variety of Defense systems and showcases the technology of tomorrow and innovations in Defense systems. The National University of Technology (NUTECH) is taking an active part in the exhibition. NUTECH is presenting at the expo in which research projects/products like Advanced Ballistic Solver, ICU Grade Ventilator, 3D Printer, Wind Speed Assessment System, Ballistic Solver Device for Tk VT4 and Sniper Rifle are being displayed. During this activity, the contacts established with various industrial/commercial entities by the NUTECH team, will greatly facilitate NUTECH's future engagements with the Defense industry in terms of international and national collaborative ventures.



Chairman National Disaster Management Authority (NDMA) Visits NUTECH

Islamabad - 22 Nov 2022

Chairman National Disaster Management Authority (NDMA), Lieutenant General Inaam Haider Malik, HI (M), visited NUTECH on 22 Nov 2022 with the aim to establish a long-term partnership and explore avenues of collaboration with NUTECH. He was briefed about the university's mission, vision, innovative education system, future academic programs, collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". Matters related to future collaborations with the NDMA were discussed. Chairman National Disaster Management Authority (NDMA) appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



Seminar on “Leadership for Academic Quality”

Islamabad - 29 Nov 2022

A seminar on “Leadership for Academic Quality” was organized on 29 Nov 2022 under the auspices of Quality Assurance Department, National University of Technology. Dr Kamran Moosa graced the seminar as guest speaker. He is an experienced Academician & Professor, International Trainer & Consultant, Author & Advisor to National Institutions in the field of Quality Engineering & Management. He has authored 04 books published in Pakistan and a chapter for a book published in Japan. He has many research papers published and presented in national/international conference proceedings. Seminar was attended by all faculty members and support staff of NUTECH and facility for online link via MS Team was also established for QECs of other National HEIs. Seminar covered following main areas (1) Conceptual overview of Quality Management and building a better Vision of academic organizations for improvement (2) Critically analyze different successful Quality approaches and Management Structure from strategic point of views (3) Find out Critical Success Factors in the implementation of these programs (4) Bloom’s Taxonomy and Outcome Based Education (5) Leadership Aspects for Quality in Academic Institutions. After the Seminar, the honorable guest speaker accompanied by Director NUQAD visited NSDD, library and NUTECH Labs. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as Academic Development, Quality Standardization & Research Projects. In the end, Rector presented a souvenir to Dr Kamran Moosa as a memento of his visit to NUTECH.



NUTECH Participated in International Summit Higher Education & Workforce Development in the 21st Century

Islamabad - 2 Dec 2022

Higher Education System Strengthening Activity (HESSA) recently organized an International Summit on Higher Education and Workforce Development in the 21st Century from 30 November to 2 December 2022 in Islamabad with the objective of bringing together leaders and decision makers from universities, industry, and government to invigorate the higher education agenda and rethink the role of higher education in the 21st century.

Rector NUTECH Lt Gen (R) Moazzam Ejaz along with DG NORIC Air Vice Marshal Asif Maqsood, SI(M), Dean of University Brig Dr Muhammad Almas Anjum and faculty members attended the summit.

HESSA is a project of University of Utah (UU) supported by USAID. It aims at capacity building of fifteen select HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs. NUTECH is honoured to be a part of the HESSA program as one of the 16 selected HEIs.



NUTECH Participation in HESSA VCs Meeting at IBA

Islamabad – 7-8 Dec 2022

Institute of Business Administration (IBA), a partner university of the Higher Education System Strengthening Activity (HESSA) project supported by USAID, organized a one-day HESSA training discussion session at its main campus in Karachi. Rector National University of Technology (NUTECH) Lt Gen (R) Moazzam Ejaz along with fifteen VCs of all HESSA Partner Universities participated wherein future HESSA interventions were discussed. The participants were taken on an IBA campus visit and were guided in developing their vision for long-term sustainability, faculty improvement and student success.



Cadet College PISHIN Delegation Visits NUTECH

Islamabad – 9 Dec 2022

A delegation comprising cadets and faculty members from Cadet College PISHIN visited NUTECH on 9 Dec 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid briefed them about the university's mission, vision, academic programs, innovative academic system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Workshop on Google Developer Student Club (GDSC) and Microsoft Learns Student Ambassador (MLSA)

Islamabad - 12 Dec 2022

Students of the Department of Computer Science organized a workshop on Google developer student club (GDSC) and Microsoft learns student ambassador (MLSA) on December 12, 2022, with the objective of engaging NUTECH students with new technologies, familiarizing them with a range of technical topics, and gaining new skills through a hands-on workshop and project-building activities online and in person. Apply new learnings to build great solutions for local problems and advance their skills, career, and networks. The workshop was attended by faculty members and students from different departments. MLSA is one of the eminent initiatives taken by Microsoft. It aims at capacity building and working with students all around the world to polish their leadership as well as technology-related skills. Department of Computer Science students aims to help fellow students build their coding skills online with Microsoft Learn, organizing a virtual hackathon to solve real-world challenges.



Hashoo School of Hospitality Management Delegation Visits

Islamabad - 14 Dec 2022

A high-level delegation from Hashoo comprising AVM Ijaz and Director Brig Fiaz Qamar (Retd) visited NUTECH on 14 Dec 2022. The delegation was briefed about NUTECH's education methodology and collaborations with national & international industries. The delegation applauded the university's structure and vision to nurture future generations to fulfill industrial needs. They showed keen interest in future partnerships with NUTECH in the hospitality sector and joint ventures with entrepreneur initiatives. This future alliance will likely benefit students in the form of professional learning and training and entrepreneurship ventures with new opportunity platforms.





GOAL 5

**Gender
Equality**



Female Representation in NUTECH

Science and technology are fields where women are usually under-represented globally with an evident gender gap. Despite being a university focused on engineering and related technologies, NUTECH has managed to provide an environment conducive for women to pursue an education in these fields. The university also facilitates female students by providing them with on-campus accommodation, equipped with appropriate sports and health facilities, with priority given to students from remote areas of Pakistan.

Apart from a healthy female students' representation, NUTECH also has a female membership in its pool of faculty and researchers. NUTECH has a stringent policy on harassment against women at the workplace to provide a healthy environment for women at the workplace.

NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



Tang International Education Group Delegation Visits NUTECH

Islamabad - 9 Feb 2022

Mr. Max Ma, Executive President Tang International Education Group visited NUTECH on 9 Feb 2022 with the vision to transfer technology and technical education from China to Pakistan through joint platform collaborations. Mr. Max Ma briefed about Tang international education cloud platform system, structure of Tang international education group, future strategies plan of Tang and present collaboration with different organizations and universities in Pakistan. He proposed CCTE Modern Sino-Pak Dual Diploma/Degree Joint Education Program to NUTECH. Through this 3-year diploma, students will complete one year in Pakistan College and remaining 2 years in China College. The delegation was briefed on university's mission, innovative skills education system, future hi-skills program and international collaborations. Later, the team visited NUTECH campus, discussions were held on the way forward in the collaboration process and future job opportunities and trainings with special reference to CPEC projects.



NUTECH First Spring Gala 2022

Islamabad – 30 - 1 April 2022

NUTECH Dean of Students Life (DSL) Department organized three-day Spring Gala from 31 March - 1 April 2022. This colorful festival not only aimed to bring forward students' teamwork and leadership qualities but also gave them an opportunity to showcase their creative side. On the first day, students participated in arts exhibition where their artwork and creative paintings were displayed. On the spot, sketch competition and games like Minute to Win It, Ludo, Chess etc. were part of the gala. Second day comprised of Bazm-e-Adab, Bait Baazi and motivational talks. Open mic café was also part of the gala on the second day where students displayed their talent through various creative performances on stage. On the third & last day of the event, students setup different cultural stalls, showcasing their cultural dresses and various touristic sites. These cultural stalls beautifully displayed the rich culture of Pakistan. The students enjoyed delicious food, which were available on different food stalls at the gala. Chief Guest of the day, Rector NUTECH Lt Gen (R) Khalid Asghar, alongwith Pro-Rector Maj Gen Khalid Javed witnessed the different stalls of the students and appreciated the hardwork. At the end, Rector congratulated the organizers for making this event special and creative. The spring gala 2022 ended with prize distribution ceremony.



14th Academic Council Meeting (ACM)

Islamabad - 22 Feb 2022

NUTECH 14th Academic Council Meeting (ACM), chaired by Rector NUTECH, Lt Gen Khalid Asghar (Retd), was held on 22 February 2022. In the meeting, Council was apprised of the implementation and progress of the decisions of 13th ACM. All members including Registrar, Deans and HOD's attended the meeting. The ACM approved sixteen agenda points related to different academic matters. Council accorded curriculum approval for MS Computer Science and Civil Engineering Programs and Post-Graduation Program Policies. Furthermore, ACM also approved Technical Training Internship Program (TITP) Execution for Batch-1 Program, being run by Skills Department of NUTECH. Forum also approved Framework for Project Execution and Commercialization at NUTECH and its Quality Management System Framework. Forum approved Policies of Emergency Health and Safety, Community Services and Establishment of Counselling Cell at the Campus. For International Collaborations, a draft MOU for Cooperation between Federal Institution of Higher Education Russian University of Transport (RUT) and NUTECH was approved for further proceedings. The Council after due deliberation and minor modifications approved the agenda points.



Iftaar Dastarkhwaan Organized at NUTECH

Islamabad - 15 April 2022

In a holy month of Ramadan, NUTECH Community Club Students under the supervision of Dean of Students Life (DSL) organized an “Iftaar Dastarkhwaan” in the university premises for the public on 15 April 2022. The students together came forward and helped in preparing and distributing Iftaar to the surrounding people at the time of Iftaar. Students distributed approximately 300 Iftaar meals at the Iftaar time.



NIMS Inauguration at NUTECH

Islamabad - 17 May 2022

Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated NUTECH Information Management System (NIMS) on 17 May 2022. NUTECH is spreading its horizons to provide the best IT services to its students and faculty. To achieve this target, NUTECH acquired Campus Management System (CMS) & Enterprise Resource Planning (ERP) collectively called NUTECH Information Management System (NIMS), which is based on open source Odoo platform to automate its business processes. NIMS is based on modular architecture to handle all students and faculty activities aspects/work flow for efficient and effective working.



Merit Scholarship Ceremony

Islamabad - 25 April 2022

Students merit based scholarship award ceremony for Fall Semester 2021, was held at NUTECH on 25 April 2022. It was the sixth merit based scholarship ceremony in which 103 students (Batch 18, 19, 20 & 21) from Six Engineering Programs received the scholarship award. Rector NUTECH, Lt Gen (R) Khalid Asghar distributed scholarship certificates to the successful students and congratulated them on their excellent academic results. NUTECH offers merit based scholarships on semester basis at the end of every semester to high achievers who are exhibiting strong academic performance.



MAEMAAR Scholarship Inauguration

Islamabad - 17 May 2022

NUTECH caters for education needs of all segment of our national youth. Rector NUTECH, Lt Gen Khalid Asghar (Retd) has always extended help to needy students of the university. On the eve of his retirement, he has envisioned and desired to create a futuristic “MAEMAAR” as NUTECH Scholar for Talented Identification and Promotion (NUSTIP). To achieve this, Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated “MAEMAAR Scholarship” on 17 May 2022. This scholarship program envisions to incentives the exceptionally talented but most needy students of NUTECH at all level of education, applied R & D and entrepreneurship so as to enable them to become future industrial leaders, highly skilled workers and productive members of the society.



NUTECH Family Say Good Bye to his Rector NUTECH Lt Gen Khalid Asghar (Retd)

Islamabad - 17 May 2022

Rector NUTECH Lt Gen Khalid Asghar (Retd) has successfully completed its 4 years journey at NUTECH. He started its journey by seeing the dream of NUTECH to bridge the gap between academia and industry by producing such individuals, which not only create, innovate and implement technologies but also find the solutions for industry problems. To pay the tribute to honorable Rector NUTECH, Lt Gen Khalid Asghar (Retd), Farwell Ceremony was arranged at National University of Technology (NUTECH) on 17 May 2022. During the Farwell events, Rector NUTECH interacted with staff, faculty and students. The Rector, in his final address, reassured that NUTECH is on the right track towards its progress and appreciated the efforts of faculty and staff in the rapid growth of the NUTECH.



NUTECH First Magazine Launch Ceremony

Islamabad - 17 May 2022

The launch ceremony of NUTECH First Magazine was held on 17 May 2022. Rector NUTECH Lt Gen Khalid Asghar (Retd) graced the occasion as Chief Guest. NUTECH achieved another milestone through successful production of its first magazine, which includes different segments ranging from initial stages of university development, undergraduate and skills education system, academia industry linkages, latest developments in university for preparing future industry leaders, ventilator development, cooperative engineering technology program and NUTECH main campus development etc. As Chief Guest, Rector NUTECH Lt Gen Khalid Asghar (Retd) appreciated the hardwork of editorial board for developing NUTECH first ever magazine in such a short time. The inauguration ceremony ended with certificate distribution to all authors and editorial board members as acknowledgement of their contributions.



Askari & Fauji Cement Company Limited (AFCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Efficient Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFC



Open House & Job Fair 2022 at NUTECH

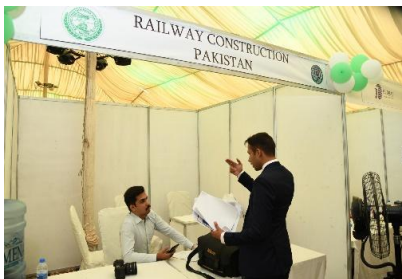
Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open Hose and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector

NUTECH, Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students' capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



Graduation Ceremony NIVAT Students

Islamabad - 14 Sep 2022

NUTECH Skills Development Department (NSDD) achieved another milestone. Graduation Ceremony of NIVATS students was held at NUTECH on 14 Sep 2022 for the Third Batch of Computer Graphic (Motion) and First Batch of Fashion Designing and Machine Embroidery students. In this regard, at the opening remarks, Director NSDD apprised the audience about the journey of these successful students and their job employment after completing the course. The Chief Guest, Lt Gen Moazzam Ejaz (Retd), HI (M), congratulated the students and appreciated the hardwork of NSDD team in enhancing the student's skills. At the end, Rector NUTECH and Pro-Rector, Maj Gen Khalid Javed, distributed certificates to successful students. On this occasion, Principal NIVATS Miss Sadiya, faculty members alongwith students and their parents were also present. The ceremony concluded with the group photo of shining graduating students.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

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Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.



Workshop on Google Developer Student Club (GDSC) and Microsoft Learns Student Ambassador (MLSA)

Islamabad - 12 Dec 2022

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Breast Cancer Awareness Talk

Islamabad - 16 Dec 2022

To increase awareness of the prevention of breast cancer and its early diagnosis, NUTECH organized a Breast Awareness Talk on 16 Dec 2022. Dr. Tahira Sadiq as a guest speaker briefed the participants on cancer's growth process, risk factors, signs and symptoms, diagnostic, screening tools, and treatment options. She suggested lifestyle modification including daily exercise to help reduce the risk of breast cancer. She also demonstrated how to perform a self-examination every month so that the slightest change can be detected easily. This useful Breast Cancer Awareness Talk gave insight to female students on the benefits of early detection of and how to regularly self-examine for breast cancer. This useful awareness talk concluded with an interactive question & answer session.



A photograph of an industrial water treatment facility. In the foreground, there is a large, shallow, blue-lined concrete basin. Behind it, a complex structure of metal frames and pipes supports several large, vertical, cylindrical tanks. One tank is labeled 'MEMBRANE TANK', another 'CIP TANK', and a third 'BIO TANK'. To the right, there is a 'WATER SCREEN' unit. A yellow staircase with railings is visible on the left side of the structure. The sky is overcast.

GOAL 6

A large, light blue graphic of the United Nations Sustainable Development Goal 6 icon. It consists of a stylized water drop shape with a white circle inside, and a downward-pointing arrow at the bottom.

Clean Water and Sanitation

Waste Water Treatment Plant

With water shortages plaguing the world, water scarcity has become one of the largest threats facing society today, making it one of the UN's main sustainable development goals. Therefore, NUTECH is aiming to focus on developing new projects and technologies to reduce its water consumption. Our researchers developed and installed a wastewater treatment plant which is a low-cost technology requiring minimal energy and operational attention for the treatment of wastewater.

NUTECH meets 100% of its horticulture water requirement of its Islamabad campus through recycled water.



Free Drinking Water for All

NUTECH has installed free drinking water points in all of its campuses all over Pakistan, not only in classrooms and institutes, but also in the residential area of the campuses. The total number of free drinking points in NUTECH in all campuses amounts to 100s in numbers, which highlights the commitment of NUTECH to provide the access to this basic necessity free of cost.

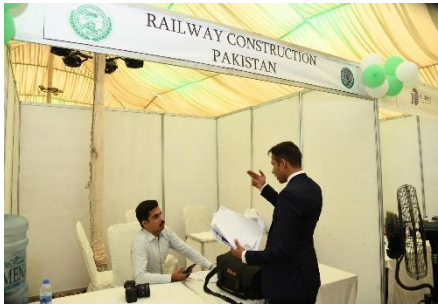
Open House & Job Fair 2022 at NUTECH Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open Hose and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector

NUTECH, Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students’ capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.

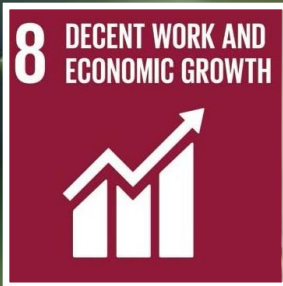




7 AFFORDABLE AND
CLEAN ENERGY

GOAL 7

Affordable and Clean Energy



GOAL 8



Decent work and Economic Growth



NUTECH Minimum Wage Policy and Child Labour

NUTECH adheres to minimum wage policy, as communicated by the government of Pakistan, for all the activities outsourced at NUTECH. There is a stringent policy on employing children and juvenile workers for these outsourced activities.

Employee Benefits at NUTECH and Equity of Wages

NUTECH provides a conducive environment to growth for its employees and ensures equal wages based on merit, qualification and experience. Several other facilities include subsidized housing on campus with facilities like sports and gym, health (including free mental counselling), child care and schooling, anti-harassment and grievance policies.

Preparing Students for Employability

In order to prepare our students for the job market, we implement custom made career development programs focusing mainly on developing employability skills applicable to the competitive job market. The career development program includes Career Orientation Seminars, Workshops on Resume Writing, and Workshops on Interviewing Techniques, One-to-One counselling sessions, and Focused Group Discussions (FGD)

Tang International Education Group Delegation Visits NUTECH

Islamabad - 9 Feb 2022

Mr. Max Ma, Executive President Tang International Education Group visited NUTECH on 9 Feb 2022 with the vision to transfer technology and technical education from China to Pakistan through joint platform collaborations. Mr. Max Ma briefed about Tang international education cloud platform system, structure of Tang international education group, future strategies plans of Tang and present collaboration with different organizations and universities in Pakistan. He proposed CCTE Modern Sino-Pak Dual Diploma/Degree Joint Education Program to NUTECH. Through this 3-year diploma, students will complete one year in Pakistan College and remaining 2 years in China College. The delegation was briefed on university's mission, innovative skills education system, future hi-skills program and international collaborations. Later, the team visited NUTECH campus, discussions were held on the way forward in the collaboration process and future job opportunities and trainings with special reference to CPEC projects.



CEO PIA Visits NUTECH

Islamabad - 17 Jan 2022

CEO Pakistan International Airlines (PIA), Air Marshal (Retd) Arshad Malik alongwith his team visited NUTECH on 17 Jan 2022 with an aim to forge a long-term partnership and to explore avenues of collaboration with NUTECH. The delegation was briefed about university's mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Future collaboration steps including BSc (Aviation Technology) degree programs assistance, short courses for PIA staff by NUTECH and increasing PIA HR capacity building were discussed. NUTECH and PIA agreed to sign an MOU, which will be further translated into an action plan by a joint working committee of technical experts from both sides. This will initiate the development of mutually convenient and effective implementation strategies as part of transforming initial interaction into a system of institutional engagement on a sustainable basis for long-term relationship. Later, PIA team visited NUTECH campus, labs and allied facilities of the campus.



Pakistan Institute of Development Economics (PIDE) Delegation

Islamabad – 14-15 June 2022

HESSA tends to conduct a study to develop a deeper understanding of the current landscape of students' affairs services at 15 Higher Education Institutes in Pakistan. For this purpose, they selected Pakistan Institute of Development Economics Development (PIDE) to conduct this survey study. A delegation from PIDE visited NUTECH on 14-15 June 2022. In this two-day visit, PIDE team interact with different offices and its management, which includes Dean of Student Life (DSL), Exam Office, NORIIC Office and NUQAD Office. Discussion related to student's affairs, financial aid to students (scholarship) and student's placement mechanism in different industries were discussed. The team also conducted interactive session with students.



Founder & Chairman Commonwealth Entrepreneurs Club (CEC) Visits NUTECH

Islamabad - 18 Feb 2022

Mr. Mobeen Rafique, Founder & Chairman CEC accompanied by Mr. Manzoor Anwar Global President CEC, Brig (R) Anjum Saeed Vice President SMEs Pakistan and Mr. Ammar Jaafri President CEC Pakistan visited NUTECH on 18 Feb 2022. The delegation were briefed about university's mission, innovative education system, future academic programs and international collaborations. Matters related to future collaborations with CEC delegation were discussed. Later, the delegation visited NUTECH campus, labs and allied facilities of the campus.



CMH and Medical Directorate Delegation Visits NUTECH

Islamabad - 14 Mar 2022

A delegation from CMH headed by Maj Gen Ali Shan Rao visited NUTECH on 14 Mar 2022 in connection with clinical trials of ICU grade ventilator (NuVent) developed under the supervision of Dean of Research, Brig Dr. Badar Rashid. Delegation was briefed about NUTECH vision, mission, education system, collaborations with national & international organizations and research system by the Registrar NUTECH.

Lt Col Junaid Aftab (NuVent team lead) briefed the delegation about NUTECH's first Pandemic Ventilator by focusing on its system design, features, functionality, performance parameters and ventilator modes. He also provided an overview of NuVent development process and approvals from Pakistan Engineering Council (PEC) and National Bio-ethics Committee (NBC). After the briefing, the delegation visited NUTECH labs, NuVent and other ongoing research projects. Maj Gen Ali Shan Rao appreciated the university efforts in promotion of technology development especially in biomedical and healthcare domains.

NUTECH in quest for technologies creation has developed a robust ventilator system to support indigenous efforts in the fight against COVID- 19. NuVent has been developed by engineers and technologists of NUTECH in a short span. After the approval from PEC and NBC, NuVent is undergoing clinical trials at CMH, Rawalpindi. Soon Inshallah, after the clinical trials, NuVent will be operative at various hospitals to save precious lives.



MOU Signing Between M/S Telec Electronics & Machinery (Pvt) Ltd

Islamabad - 25 Feb 2022

National University of Technology (NUTECH) has joined hands with M/S Telec Electronics & Machinery (Pvt) Ltd to promote academia-industry linkages and produce demand-driven graduates for the industry. In order to solemnize this multi-tier partnership, a Memorandum of Understanding (MOU) signing ceremony was held at NUTECH on 25 Feb 2022. Director NORIC Imran Anwer and CEO M/S Telec Electronics & Machinery (Pvt) Ltd Syed Hassan Sajjad signed the agreement at the occasion. The purpose for signing this MOU is to develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at the intellectual, academic, research and professional levels. Under the newly forged partnership, M/S Telec Electronics & Machinery (Pvt) Ltd will provide 2 year licensed version of EDA Software Suit education donation package, which will help the students and faculty members of NUTECH Engineering Departments to learn relevant modern tools. By signing an MoU, M/S Telec Electronics & Machinery (Pvt) Ltd and NUTECH have agreed to work jointly for promoting applied research in academia and indigenous industrial knowledge, new technologies & innovations and establishment of laboratories for future research activities.



Industrial Creative Activity Term (ICAT) 2022 Ceremony

Islamabad - 25 April 2022

NUTECH third Industrial Creative Activity Term (ICAT) week planned during semester break was successfully completed on April 2022. It was a four-week activity period during which students were encouraged to set their own educational agendas, pursue independent projects and interact with faculty. All members of the NUTECH community including faculty were free to introduce innovative educational experiments as ICAT activities with the aim at sharing a particular talent, expertise or interest with others at the university. Rector NUTECH Lt Gen (Retd) Khalid Asghar, Pro-Rector Major Gen Khalid Javed and DG NORIIC AVM Asif Maqsood visited different projects stalls and interacted with the students.



Interviews for Final Selection of Shortlisted Candidates for Technical Intern Training Program (TITP) Japan

Islamabad - 29-30 Mar 2022

Government of Pakistan has nominated NUTECH as “Sending Organization” for TITP Japan. For this purpose, online registration opened through which thousands of applications were received by NUTECH. After completion of successful online registration process, approximately 150 individuals were interviewed on 29-30 March 2022 at NUTECH for this program. Individuals were interviewed for different skills category as demanded by Japan Government includes Care Workers, Automobile Repair & Maintenance, Excavating Works, Livestock & Agriculture and Fishery. NUTECH is putting forward its earnest efforts in collaboration with Government and plans to send the first batch of youth to Japan for this program in the later half of this year, Insha’Allah.



RCCI Artificial Intelligence Conference 2022

Islamabad - 3 & 4 June 2022

Rawalpindi Chamber of Commerce & Industry (RCCI) organized a two-days Artificial Intelligence Conference from 3-4 June 2022 at PC Hotel, Rawalpindi, in which renowned IT companies and institutions from across the country exhibited their products. National University of Technology (NUTECH) delegation under the supervision of DG NORIIC AVM Asif Maqsood, took active part in the exhibition. NUTECH presented its Stall in the Expo in which university products like NUTECH Ventilator (NuVent), Advanced Ballistic Calculating System (ABS), 3D Printer (NUPrint), Distributed Wind Director System etc. were displayed. Besides these University Research Projects exhibition, information regarding university admissions was also provided at the Stall. Audience actively visited NUTECH Stall and praised the efforts of NUTECH and achievements in such a short span of time. Panel discussion was also an imperative part of the conference. Dr. Sultan Daud Khan Assistant Professor from NUTECH also took part in panel discussion and gave his useful insights on "Industrial Automation Technology for Emerging Pakistan". Other topics included in the panel discussions were related to artificial intelligence, automation, robotics and industry academia linkages.

Various companies and institutes from across Pakistan exhibited their products in this exhibition whose purpose was to highlight the modern trends such as artificial intelligence. Besides various commercial enterprises, 03 universities i.e. NUTECH, IST and TMUC had setup their stalls showcasing their respective achievements. NUTECH as the youngest among the other universities in the Expo, received great appreciation from the public. During this activity, the contacts established with various industrial/commercial entities by NORIIC team will greatly facilitate NUTECH's future engagements with industry in terms of collaborative ventures and students' job placements.



Askari & Fauji Cement Company Limited (AFCCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFCCCL.



Establishment of NUTECH Karachi Campus (NKC)

Islamabad - 1 July 2022

An MoU for the establishment of NUTECH Karachi Campus (NKC) as an exports enhancement project of Karachi Chamber of Commerce & Industry (KCCI) was signed between NUTECH and Airport Security Force Foundation (ASFF) on 1 July 2022. According to the MoU, ASFF will provide 50 Acres of land to NUTECH for world-class R&D for the industry to create, develop, implement and promote emerging technologies and allied skills for imports substitution, technology upgradation, value-addition and exports enhancement. The MoU was signed in an impressive ceremony hosted by ASFF at a local hotel in Karachi. The event was attended by Pro-Rector, Registrar and A/Director P&D from NUTECH apart from more than 50 leading industrialists and exporter of Karachi as well as some leading figures of academia. DG ASF and MD ASFF Maj Gen Abid Latif Khan thanked the leadership of NUTECH and industry for initiating such visionary project of great national significance. He assured NUTECH and national industry of complete support of ASFF for making NKC a successful project of ASF city in future.



Open House & Job Fair 2022 at NUTECH

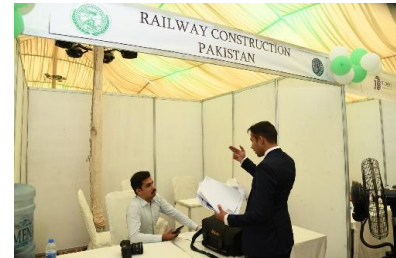
Islamabad - 30 Aug 2022

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Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector

Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students’ capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



Workshop on Intellectual Property (IP) Rights

Islamabad - 9 Sep 2022

NORIC organized a Workshop titled “Intellectual Property Rights – Techno-legal Aspects of Patent Filing Process” on 09 Sep 2022 at NUTECH. Faculty members from all departments and members of Dean of Research Office attended this useful Workshop. Mr. Ghulam Mujtaba Kamal, Assistant Controller of Patents from Intellectual Property Organization (IPO), Pakistan was the guest speaker. Workshop was comprised of two sessions in which first session was based on General Introduction of Intellectual Property Rights (IPRs), while the second session was focused on Patent System and Patent Filing Process. At the end, Director NORIC thanked the guest speaker for sharing his valuable knowledge and enlightening the participants with the IPR and its intricacies.



Graduation Ceremony NIVAT Students

Islamabad - 14 Sep 2022

NUTECH Skills Development Department (NSDD) achieved another milestone. Graduation Ceremony of NIVATS students was held at NUTECH on 14 Sep 2022 for the Third Batch of Computer Graphic (Motion) and First Batch of Fashion Designing and Machine Embroidery students. In this regard, at the opening remarks, Director NSDD apprised the audience about the journey of these successful students and their job employment after completing the course. The Chief Guest, Lt Gen Moazzam Ejaz (Retd), HI (M), congratulated the students and appreciated the hardwork of NSDD team in enhancing the student's skills. At the end, Rector NUTECH and Pro-Rector, Maj Gen Khalid Javed, distributed certificates to successful students. On this occasion, Principal NIVATS Miss Sadiya, faculty members alongwith students and their parents were also present. The ceremony concluded with the group photo of shining graduating students.



PEC Excellence Award 2022

Islamabad - 19 Oct 2022

National University of Technology (NUTECH) is proud to share that Pakistan Engineering Council (PEC) has awarded PEC Excellence Award (Lifetime Achievement) to Rector NUTECH Lt Gen Moazzam Ejaz (R), HI (M) and FOUNDING RECTOR NUTECH Lt Gen Khalid Asghar (R), HI (M) in recognition of his extraordinary contribution and services to the engineering profession. The award has been conferred upon the outperforming engineers in the country as well as expatriates who have contributed to the socio-economic development of Pakistan. PEC Excellence Award objective is to recognize the outstanding services and worthy achievements of eminent Pakistani Engineers who have made notable impact in national interest and contributed significantly to the country's social and economic development.

In this regard, The PEC Excellence Award Ceremony was held at Aiwan-e-Sadar, Islamabad on 18 Oct 2022. President of Pakistan Dr. Arif Alvi has honored Rector National University of Technology (NUTECH) Lt Gen Moazzam Ejaz (R), HI (M) with PEC Excellence Award (Lifetime Achievement). The subject award conferred to FOUNDING RECTOR of NUTECH, Lt Gen Khalid Asghar (R), HI (M), however, due to his personal commitments his award will be presented afterwards by Chairman PEC. NUTECH Family extend heartiest congratulations to FOUNDING RECTOR NUTECH Lt Gen Khalid Asghar (R), HI (M) and present Rector Lt Gen Moazzam Ejaz (R), HI (M) and pray that they will keep on achieving such splendid milestones in the future as well.



NUTECH Participation at IDEAS-2022 Exhibition, Karachi

Islamabad – 15-18 Nov 2022

International Defence Exhibition and Seminar, IDEAS 2022 is being organized from 15th – 18th November 2022 at Karachi Expo Centre (KEC). IDEAS 2022 exhibits a wide variety of Defence systems and showcases the technology of tomorrow and innovations in Defence systems. The National University of Technology (NUTECH) is taking an active part in the exhibition. NUTECH is presenting at the expo in which research projects/products like Advanced Ballistic Solver, ICU Grade Ventilator, 3D Printer, Wind Speed Assessment System, Ballistic Solver Device for Tk VT4 and Sniper Rifle are being displayed. During this activity, the contacts established with various industrial/commercial entities by the NUTECH team, will greatly facilitate NUTECH's future engagements with the Defence industry in terms of international and national collaborative ventures.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



NUTECH Participated in International Summit Higher Education & Workforce Development in the 21st Century

Islamabad - 2 Dec 2022

Higher Education System Strengthening Activity (HESSA) recently organized an International Summit on Higher Education and Workforce Development in the 21st Century from 30 November to 2 December 2022 in Islamabad with the objective of bringing together leaders and decision makers from universities, industry, and government to invigorate the higher education agenda and rethink the role of higher education in the 21st century.

Rector NUTECH Lt Gen (R) Moazzam Ejaz along with DG NORIC Air Vice Marshal Asif Maqsood, SI(M), Dean of University Brig Dr Muhammad Almas Anjum and faculty members attended the summit.

HESSA is a project of University of Utah (UU) supported by USAID. It aims at capacity building of fifteen select HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs. NUTECH is honoured to be a part of the HESSA program as one of the 16 selected HEIs.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.



NUTECH Participation in HESSA VCs Meeting at IBA

Islamabad – 7-8 Dec 2022

Institute of Business Administration (IBA), a partner university of the Higher Education System Strengthening Activity (HESSA) project supported by USAID, organized a one-day HESSA training discussion session at its main campus in Karachi. Rector National University of Technology (NUTECH) Lt Gen (R) Moazzam Ejaz along with fifteen VCs of all HESSA Partner Universities participated wherein future HESSA interventions were discussed. The participants were taken on an IBA campus visit and were guided in developing their vision for long-term sustainability, faculty improvement and student success.



Workshop on Google Developer Student Club (GDSC) and Microsoft Learn Student Ambassador (MLSA)

Islamabad - 12 Dec 2022

Students of the Department of Computer Science organized a workshop on Google developer student club (GDSC) and Microsoft learns student ambassador (MLSA) on December 12, 2022, with the objective of engaging NUTECH students with new technologies, familiarizing them with a range of technical topics, and gaining new skills through a hands-on workshop and project-building activities online and in person. Apply new learnings to build great solutions for local problems and advance their skills, career, and networks. The workshop was attended by faculty members and students from different departments. MLSA is one of the eminent initiatives taken by Microsoft. It aims at capacity building and working with students all around the world to polish their leadership as well as technology-related skills. Department of Computer Science students aims to help fellow students build their coding skills online with Microsoft Learn, organizing a virtual hackathon to solve real-world challenges.



DG ASF Visit NUTECH Islamabad - 13 Dec 2022

Director General Airport Security Force (ASF) visited NUTECH on 13 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs, and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". DG ASF appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. He showed an ardent interest in future alliances with NUTECH. Later, DG ASF visited the NUTECH campus and allied facilities of the campus.



Hashoo School of Hospitality Management Delegation Visits

Islamabad - 14 Dec 2022

A high-level delegation from Hashoo comprising AVM Ijaz and Director Brig Fiaz Qamar (Retd) visited NUTECH on 14 Dec 2022. The delegation was briefed about NUTECH's education methodology and collaborations with national & international industries. The delegation applauded the university's structure and vision to nurture future generations to fulfill industrial needs. They showed keen interest in future partnerships with NUTECH in the hospitality sector and joint ventures with entrepreneur initiatives. This future alliance will likely benefit students in the form of professional learning and training and entrepreneurship ventures with new opportunity platforms.





GOAL 9



Industry, Innovation and Infrastructure



Technical Advisor to Ministry of Federal Education and Professional Training Visits NUTECH

Islamabad - 12 Jan 2022

Ms. Ayesha Razzaq, Technical Advisor to Ministry of Federal Education and Professional Training visited NUTECH on 12 Jan 2022. She was briefed about university's mission, vision, innovative skills education



system, future hi-skills program and international collaborations. Later, dignitary visited NUTECH campus,



NUTECH Skills Development Department (NSDD) labs and allied facilities of the campus. Technical Advisor to Ministry of Federal Education and Professional Training appreciated the efforts of NUTECH towards enhancing country skills education system and vision to nurture future generations to fulfill industrial needs.

CEO PIA Visits NUTECH

Islamabad - 17 Jan 2022

CEO Pakistan International Airlines (PIA), Air Marshal (Retd) Arshad Malik alongwith his team visited NUTECH on 17 Jan 2022 with an aim to forge a long-term partnership and to explore avenues of collaboration with NUTECH. The delegation was briefed about university's mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Future collaboration steps including BSc (Aviation Technology) degree programs assistance, short courses for PIA staff by NUTECH and increasing PIA HR capacity building were discussed. NUTECH and PIA agreed to sign an MOU, which will be further translated into an action plan by a joint working committee of technical experts from both sides. This will initiate the development of mutually convenient and effective implementation strategies as part of transforming initial interaction into a system of institutional engagement on a sustainable basis for long-term relationship. Later, PIA team visited NUTECH campus, labs and allied facilities of the campus.



NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



NUTECH Achievement - Land Allotment of New Campus

Islamabad - 8 Feb 2022

NUTECH Main Campus Land Allotment Ceremony was organized by Future Development Holdings Limited at Capital Smart City on 8 Feb 2022. Function was attended by the prominent head of institutions who were allotted land for their organizations at CSC, it includes Dr. Taseer Director Elderly Care Center, Dr. Zafar Director Gandhara Arts and Culture Center and Dr. Irfan Chairman Harley Brain & Spine Hospital UK attended the ceremony. Rector NUTECH Lt Gen Khalid Asghar Retd graced the occasion as Chief Guest. Brig Abid Cheema Head of Business Development of FDHL in his welcoming note extended his gratitude to NUTECH management and other stakeholders for choosing Capital Smart City as their future destination. Earlier on 2020, an MOU was signed between NUTECH and Capital Smart City (CSC) for development and operationalization of a futuristic smart campus of Technology University of international standards. CSC shall play the role of a key partner to support NUTECH in provision of land for NUTECH main campus and support services for its operations. Rector NUTECH Lt Gen (R) Khalid Asghar in his address emphasized that NUTECH will promote higher education in the realm of creation, promotion, transfer and implementation of indigenous technologies and help in solving problems of HR in terms of young engineers, technologists and skilled workforce. NUTECH will play its imperative role in enhancing Pakistan's industrial growth and economy. We need a National approach for promotion of applied R&D and applied skills education, he added.

NUTECH Main Campus shall help in achieving its vision and mission of producing entrepreneurs and industrial leaders of Character in the coming years. NUTECH will benefit 30,000 to 50,000 students per year at its main campus at Capital Smart City in future. Chairman FDHL Mr. Zahid Rafiq presented the Land Allotment Letter to Rector NUTECH. The Ceremony was also attended by the member of Senior faculty and administration of NUTECH



MOU Signing Between M/S Telec Electronics & Machinery (Pvt) Ltd

Islamabad - 25 Feb 2022

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ABS System Handover Ceremony at NUTECH

Islamabad - 31 Mar 2022

NUTECH has organized Advanced Ballistic Calculating System (ABS) handover ceremony to Army at the campus. NUTECH has achieved this innovative product through the hardwork of R & D team working at NUTECH Innovation Center (NIC). IGT&E Lt Gen Syed Muhammad Adnan, HI(M) graced the occasion as Chief Guest. At the ceremony, Lt Col Junaid Aftab, TI (ABS team lead) apprised the audience about development process of ABS. The audience was also briefed about in-house testing, field-testing and impact of ABS system on operational preparedness of Pak Army. At the occasion. IGT&E Lt Gen Syed Muhammad Adnan thanked Rector NUTECH Lt Gen (R) Khalid Asghar and Pro-Rector Maj Gen Khalid Javed along with the development team for completing the project in a befitting manner. Rector Lt Gen (R) Khalid Asghar emphasized upon the fact that NUTECH is committed to its vision to promote, develop and implement indigenous technologies for industry and the military. The successful completion of the project and delivery to Pakistan Army is the first step in this regard.

This ballistic calculator has been conceived to reduce computational workload of military personnel during operations by automatically providing correct required firing solutions during changing ambient conditions and in the heat of the battle. The ceremony was attended by high officials from GHQ, IGT&E branch and members of BOG along with NUTECH students, faculty and support staff.



CMH and Medical Directorate Delegation Visits NUTECH

Islamabad - 14 Mar 2022

A delegation from CMH headed by Maj Gen Ali Shan Rao visited NUTECH on 14 Mar 2022 in connection with clinical trials of ICU grade ventilator (NuVent) developed under the supervision of Dean of Research, Brig Dr. Badar Rashid. Delegation was briefed about NUTECH vision, mission, education system, collaborations with national & international organizations and research system by the Registrar NUTECH.

Lt Col Junaid Aftab (NuVent team lead) briefed the delegation about NUTECH's first Pandemic Ventilator by focusing on its system design, features, functionality, performance parameters and ventilator modes. He also provided an overview of NuVent development process and approvals from Pakistan Engineering Council (PEC) and National Bio-ethics Committee (NBC). After the briefing, the delegation visited NUTECH labs, NuVent and other ongoing research projects. Maj Gen Ali Shan Rao appreciated the university efforts in promotion of technology development especially in biomedical and healthcare domains.

NUTECH in quest for technologies creation has developed a robust ventilator system to support indigenous efforts in the fight against COVID- 19. NuVent has been developed by engineers and technologists of NUTECH in a short span. After the approval from PEC and NBC, NuVent is undergoing clinical trials at CMH, Rawalpindi. Soon Inshallah, after the clinical trials, NuVent will be operative at various hospitals to save precious lives.



NUTECH Undergraduate Students Achievement “Painting and Short Documentary Making” Contest

Directorate of Electronic Media and Publications organized a painting and a short documentary-making contest as part of Pakistan Day Celebrations based on three themes 1) The scenic beauty of Islamabad, 2) Pakistan Resolution, and 3) Diversity and National Cohesion in Pakistan. Students of all Islamabad-based HEIs were invited to participate in the said event. Despite the ongoing ESEs of NUTECH students, UG students were encouraged to participate in the contest. Two students, Mohammad Kamran Khan (ME 19) and Bushra Saeed (ME 19) participated in the painting contest. Two paintings by Muhammad Kamran Khan and one by Bushra Saeed were submitted by the DSL office to the organizing Directorate. The exhibition was held on 21st March at Aiwan-e-Quaid Fatima Jinnah Park F-9 Islamabad. The event was graced by Mr. Fawad Chaudhry (Federal Minister for Information and Broadcasting) as Chief Guest. Hundreds of paintings were part of the competition.

NUTECH as always shined again. NUTECH students won accolades at the event and Mohammad Kamran Khan secured 1st position in the painting contest. He was awarded Rs. 5000/- cash prize and an appreciation Certificate while Bushra Saeed received a participation certificate.

“Robotics & Projects Exhibition” Competition at GIKI

National Electronics Olympiad (NEO22) organized a two-day event in GIKI University, from March 19 to 20, 2022. The event was categorized into 14 different Robotics & Projects Exhibition modules. Engineering Students from different renowned universities of Pakistan participated in this event. Few mentionable include NUST, University of Punjab Lahore, FAST-NU Islamabad, Air University Islamabad, UET Peshawar, etc. Students of the Computer Engineering and Electrical Engineering departments participated in a few modules and were declared winners in four modules and runners-up in four modules as well.

Winners		Runner-Up	
Projects	Participants	Projects	Participants
Project Exhibition	Sami ud Din	Figure 8 Race	Afaq Ayub
	Asad Ali		Nabeel Ali
	Samia Bukhari		Azlaan Naveed
Roborace	Samra Riaz	Robomaze	Ali Hamza
	Abdul Basit		Fahar Qureshi
	Hamza Arshad		Fahad Tariq
Power Scape	Muhammad Tabish	Project Exhibition	Muhammad Kawish
	Asad Ullah Tariq		Nawazish Jaha
	Awais Majeed		Fahad Tariq
PCB Design	Awais Ahmed	PCB Design	Fawad Ali
	Asad Ullah		Waqar

NIMS Inauguration at NUTECH Islamabad - 17 May 2022

Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated NUTECH Information Management System (NIMS) on 17 May 2022. NUTECH is spreading its horizons to provide the best IT services to its students and faculty. To achieve this target, NUTECH acquired Campus Management System (CMS) & Enterprise Resource Planning (ERP) collectively called NUTECH Information Management System (NIMS), which is based on open source Odoo platform to automate its business processes. NIMS is based on modular architecture to handle all students and faculty activities aspects/work flow for efficient and effective working.



Industrial Creative Activity Term (ICAT) 2022 Ceremony

Islamabad - 25 April 2022

NUTECH third Industrial Creative Activity Term (ICAT) week planned during semester break was successfully completed on April 2022. It was a four-week activity period during which students were encouraged to set their own educational agendas, pursue independent projects and interact with faculty. All members of the NUTECH community including faculty were free to introduce innovative educational experiments as ICAT activities with the aim at sharing a particular talent, expertise or interest with others at the university. Rector NUTECH Lt Gen (Retd) Khalid Asghar, Pro-Rector Major Gen Khalid Javed and DG NORIIC AVM Asif Maqsood visited different projects stalls and interacted with the students.



RCCI Artificial Intelligence Conference 2022

Islamabad - 3 & 4 June 2022

Rawalpindi Chamber of Commerce & Industry (RCCI) organized a two-days Artificial Intelligence Conference from 3-4 June 2022 at PC Hotel, Rawalpindi, in which renowned IT companies and institutions from across the country exhibited their products. National University of Technology (NUTECH) delegation under the supervision of DG NORIIC AVM Asif Maqsood, took active part in the exhibition. NUTECH presented its Stall in the Expo in which university products like NUTECH Ventilator (NuVent), Advanced Ballistic Calculating System (ABS), 3D Printer (NUPrint), Distributed Wind Director System etc. were displayed. Besides these University Research Projects exhibition, information regarding university admissions was also provided at the Stall. Audience actively visited NUTECH Stall and praised the efforts of NUTECH and achievements in such a short span of time. Panel discussion was also an imperative part of the conference. Dr. Sultan Daud Khan Assistant Professor from NUTECH also took part in panel discussion and gave his useful insights on "Industrial Automation Technology for Emerging Pakistan". Other topics included in the panel discussions were related to artificial intelligence, automation, robotics and industry academia linkages.

Various companies and institutes from across Pakistan exhibited their products in this exhibition whose purpose was to highlight the modern trends such as artificial intelligence. Besides various commercial enterprises, 03 universities i.e. NUTECH, IST and TMUC had setup their stalls showcasing their respective achievements. NUTECH as the youngest among the other universities in the Expo, received great appreciation from the public. During this activity, the contacts established with various industrial/commercial entities by NORIIC team will greatly facilitate NUTECH's future engagements with industry in terms of collaborative ventures and students' job placements.



Visit of Professional Engineering Body (PEB) under POEC Act & PDE Bye-Laws 2008 NUTECH

Islamabad - 14 June 2022

Earlier in this year, PEC team conducted two-day accreditation visit and found the university faculty, staff, labs and infrastructure requirements according to the criteria. They commended the university policies, documentations and the institution's performance. To extend this, Engineering Professional Development Committee (EPDC) under PEC has decided to conduct a visit to NUTECH for Registration as Professional Engineering Body (PEB) with them. The delegation comprising of Eng Dr.Ijjaz Bashir, Member RCPEB and Eng. Khadim Hussain, Senior Assistant Registrar PEC HQ visited NUTECH on 14 June 2022. They were briefed about university's mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Later, the delegation visited labs, classrooms, library and interacted with faculty. During the visit, HOD's of departments briefed the team about their department structure, education methodology and faculty hard work towards achievement of quality education under the guidelines of PEC and HEC.



Establishment of NUTECH Karachi Campus (NKC)

Islamabad - 1 July 2022

An MoU for the establishment of NUTECH Karachi Campus (NKC) as an exports enhancement project of Karachi Chamber of Commerce & Industry (KCCI) was signed between NUTECH and Airport Security Force Foundation (ASFF) on 1 July 2022. According to the MoU, ASFF will provide 50 Acres of land to NUTECH for world-class R&D for the industry to create, develop, implement and promote emerging technologies and allied skills for imports substitution, technology upgradation, value-addition and exports enhancement. The MoU was signed in an impressive ceremony hosted by ASFF at a local hotel in Karachi. The event was attended by Pro-Rector, Registrar and A/Director P&D from NUTECH apart from more than 50 leading industrialists and exporter of Karachi as well as some leading figures of academia. DG ASF and MD ASFF Maj Gen Abid Latif Khan thanked the leadership of NUTECH and industry for initiating such visionary project of great national significance. He assured NUTECH and national industry of complete support of ASFF for making NKC a successful project of ASF city in future.



Open House & Job Fair 2022 at NUTECH

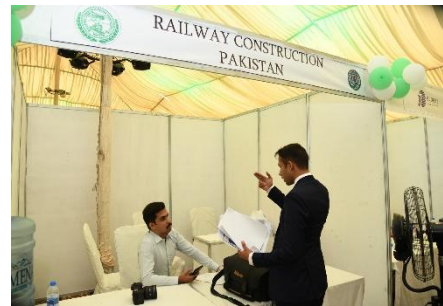
Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open Hose and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH.

Rector NUTECH, Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students’ capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



Workshop on Medical Image Processing at NUTECH

Islamabad - 12 Oct 2022

A workshop on Medical Image Processing and its application to early detection of infectious diseases such as breast cancer, hepatocellular carcinoma (HCC) was organized on 12 Oct 2022 under the auspices of Computer Science department, National University of Technology. Dr Gloria Taliani Full Professor of Infectious Diseases, Sapienza University Rome graced the occasion and delivered a talk on detection of HCC. Dr Taliani is a distinguished expert in the field of infectious diseases with enormous research contribution to the field. Her main research interest includes Epidemiology, Pathogenesis and Therapy of viral hepatitis, Pathogenesis and Therapy of bacterial infections.

During her visit, she held meetings with the senior management of NUTECH. Subjects of mutual cooperation such as joint research in the field of liver diseases and liver failure, biomedical signal processing for detection of cardiac diseases using machine learning/AI models, faculty and students exchange program between NUTECH and University of Rome were discussed. Dr Taliani also held discussion with the senior faculty members to identify areas of mutual collaboration, research and development and way forward for future collaboration was identified.



HESSA Delegation Visits NUTECH

Higher Education System Strengthening Activity (HESSA) is a project of University of Utah (UU) supported by USAID. It aims at capacity building of 16 selected HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs.

NUTECH is honored to be a part of the HESSA program as one of the 16 selected HEIs. Members of the HESSA project team including Mike Barber (Project Director), Cheri Daily (Project Manager), Aslam Chaudhry (Chief of Party), Ayesha Razzaque (Deputy Chief of Party), Susan Carvalho and Gwendolyn Schaefer visited NUTECH. The HESSA team had a detailed meeting with Rector NUTECH Lt Gen (R) Moazzam Ejaz, HI(M), Pro- Rector Maj Gen Khalid Javed and DG NORIC Air Vice Marshal Asif Maqsood, SI(M) along with other officers and faculty members from NUTECH. Faculty members who had undergone various trainings organized under the HESSA project shared their experiences and praised the HESSA team for their efforts. Registrar Dr Adnan Qasim briefed the visiting HESSA team about NUTECH. Dean of University Dr Muhammad Almas Anjum lead the discussion on NUTECH's participation in HESSA project and briefed the visiting team about NUTECH's strategic initiatives and expectations from the HESSA project.



NUTECH Participation at IDEAS-2022 Exhibition, Karachi

Islamabad – 15-18 Nov 2022

International Defence Exhibition and Seminar, IDEAS 2022 is being organized from 15th – 18th November 2022 at Karachi Expo Centre (KEC). IDEAS 2022 exhibits a wide variety of Defence systems and showcases the technology of tomorrow and innovations in Defence systems. The National University of Technology (NUTECH) is taking an active part in the exhibition. NUTECH is presenting at the expo in which research projects/products like Advanced Ballistic Solver, ICU Grade Ventilator, 3D Printer, Wind Speed Assessment System, Ballistic Solver Device for Tk VT4 and Sniper Rifle are being displayed. During this activity, the contacts established with various industrial/commercial entities by the NUTECH team, will greatly facilitate NUTECH's future engagements with the Defence industry in terms of international and national collaborative ventures.



Chairman National Disaster Management Authority (NDMA) Visits NUTECH

Islamabad - 22 Nov 2022

Chairman National Disaster Management Authority (NDMA), Lieutenant General Inaam Haider Malik, HI (M), visited NUTECH on 22 Nov 2022 with the aim to establish a long-term partnership and explore avenues of collaboration with NUTECH. He was briefed about the university's mission, vision, innovative education system, future academic programs, collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". Matters related to future collaborations with the NDMA were discussed. Chairman National Disaster Management Authority (NDMA) appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



NUTECH Participated in International Summit Higher Education & Workforce Development in the 21st Century

Islamabad - 2 Dec 2022

Higher Education System Strengthening Activity (HESSA) recently organized an International Summit on Higher Education and Workforce Development in the 21st Century from 30 November to 2 December 2022 in Islamabad with the objective of bringing together leaders and decision makers from universities, industry, and government to invigorate the higher education agenda and rethink the role of higher education in the 21st century.

Rector NUTECH Lt Gen (R) Moazzam Ejaz along with DG NORIC Air Vice Marshal Asif Maqsood, SI(M), Dean of University Brig Dr Muhammad Almas Anjum and faculty members attended the summit.

HESSA is a project of University of Utah (JU) supported by USAID. It aims at capacity building of fifteen select HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs. NUTECH is honored to be a part of the HESSA program as one of the 16 selected HEIs.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.



Workshop on Google Developer Student Club (GDSC) and Microsoft Learns Student Ambassador (MLSA)

Islamabad - 12 Dec 2022

Students of the Department of Computer Science organized a workshop on Google developer student club (GDSC) and Microsoft learns student ambassador (MLSA) on December 12, 2022, with the objective of engaging NUTECH students with new technologies, familiarizing them with a range of technical topics, and gaining new skills through a hands-on workshop and project-building activities online and in person. Apply new learnings to build great solutions for local problems and advance their skills, career, and networks. The workshop was attended by faculty members and students from different departments. MLSA is one of the eminent initiatives taken by Microsoft. It aims at capacity building and working with students all around the world to polish their leadership as well as technology-related skills. Department of Computer Science students aims to help fellow students build their coding skills online with Microsoft Learn, organizing a virtual hackathon to solve real-world challenges.



DG ASF Visit NUTECH

Islamabad - 13 Dec 2022

Director General Airport Security Force (ASF) visited NUTECH on 13 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs, and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". DG ASF appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. He showed an ardent interest in future alliances with NUTECH. Later, DG ASF visited the NUTECH campus and allied facilities of the campus.



Hashoo School of Hospitality Management Delegation Visits

Islamabad - 14 Dec 2022

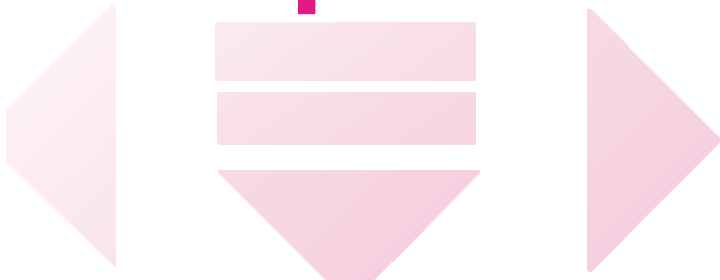
A high-level delegation from Hashoo comprising AVM Ijaz and Director Brig Fiaz Qamar (Retd) visited NUTECH on 14 Dec 2022. The delegation was briefed about NUTECH's education methodology and collaborations with national & international industries. The delegation applauded the university's structure and vision to nurture future generations to fulfill industrial needs. They showed keen interest in future partnerships with NUTECH in the hospitality sector and joint ventures with entrepreneur initiatives. This future alliance will likely benefit students in the form of professional learning and training and entrepreneurship ventures with new opportunity platforms.





GOAL 10

Reduced Inequalities



NUTECH Non-Discrimination Policy

NUTECH imposes a strict, non-discrimination policy for reducing in-equalities due to gender, race, marital status, ethnicity, religion, financial background, disabilities, and sexual orientation. The policy, which emphasizes on merit, applies to all matters of university employment, administration, admission to university academic programs and other activities.

NUTECH Undergraduate Students Achievement

“Painting and Short Documentary Making” Contest

Directorate of Electronic Media and Publications organized a painting and a short documentary-making contest as part of Pakistan Day Celebrations based on three themes 1) The scenic beauty of Islamabad, 2) Pakistan Resolution, and 3) Diversity and National Cohesion in Pakistan. Students of all Islamabad-based HEIs were invited to participate in the said event. Despite the ongoing ESEs of NUTECH students, UG students were encouraged to participate in the contest. Two students, Mohammad Kamran Khan (ME 19) and Bushra Saeed (ME 19) participated in the painting contest. Two paintings by Muhammad Kamran Khan and one by Bushra Saeed were submitted by the DSL office to the organizing Directorate. The exhibition was held on 21st March at Aiwan-e-Quaid Fatima Jinnah Park F-9 Islamabad. The event was graced by Mr. Fawad Chaudhry (Federal Minister for Information and Broadcasting) as Chief Guest. Hundreds of paintings were part of the competition.

NUTECH as always shined again. NUTECH students won accolades at the event and Mohammad Kamran Khan secured 1st position in the painting contest. He was awarded Rs. 5000/- cash prize and an appreciation Certificate while Bushra Saeed received a participation certificate.

“Robotics & Projects Exhibition” Competition at GIKI

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Students from different renowned universities of Pakistan participated in this event. Few mentionable include NUST, University of Punjab Lahore, FAST-NU Islamabad, Air University Islamabad, UET Peshawar, etc.

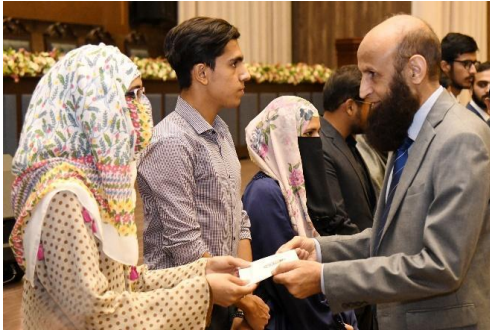
Students of the Computer Engineering and Electrical Engineering departments participated in a few modules and were declared winners in four modules and runners-up in four modules as well.

Winners		Runner-Up	
Projects	Participants	Projects	Participants
Project Exhibition	Sami ud Din	Figure 8 Race	Afaq Ayub
	Asad Ali		Nabeel Ali
	Samia Bukhari		Azlaan Naveed
	Samra Riaz	Robomaze	Ali Hamza
Roborace	Abdul Basit		Fahar Qureshi
	Hamza Arshad	Project Exhibition	Fahad Tariq
Power Scope	Muhammad Tabish		Muhammad Kawish
	Asad Ullah Tariq	Roborace	Nawazish Jaha
	Awais Majeed		Fahad Tariq
PCB Design	Awais Ahmed	PCB Design	Fawad Ali
	Asad Ullah		Waqar

Merit Scholarship Ceremony

Islamabad - 25 April 2022

Students merit based scholarship award ceremony for Fall Semester 2021, was held at NUTECH on 25 April 2022. It was the sixth merit based scholarship ceremony in which 103 students (Batch 18, 19, 20 & 21) from Six Engineering Programs received the scholarship award. Rector NUTECH, Lt Gen (R) Khalid Asghar distributed scholarship certificates to the successful students and congratulated them on their excellent academic results. NUTECH offers merit based scholarships on semester basis at the end of every semester to high achievers who are exhibiting strong academic performance.



MAEMAAR Scholarship Inauguration

Islamabad - 17 May 2022

NUTECH caters for education needs of all segment of our national youth. Rector NUTECH, Lt Gen Khalid Asghar (Retd) has always extended help to needy students of the university. On the eve of his retirement, he has envisioned and desired to create a futuristic “MAEMAAR” as NUTECH Scholar for Talented Identification and Promotion (NUSTIP). To achieve this, Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated “MAEMAAR Scholarship” on 17 May 2022. This scholarship program envisions to incentives the exceptionally talented but most needy students of NUTECH at all level of education, applied R & D and entrepreneurship so as to enable them to become future industrial leaders, highly skilled workers and productive members of the society.



NUTECH Family Say Good Bye to his Rector NUTECH Lt Gen Khalid Asghar (Retd)

Islamabad - 17 May 2022

Rector NUTECH Lt Gen Khalid Asghar (Retd) has successfully completed its 4 years journey at NUTECH. He started its journey by seeing the dream of NUTECH to bridge the gap between academia and industry by producing such individuals, which not only create, innovate and implement technologies but also find the solutions for industry problems. To pay the tribute to honorable Rector NUTECH, Lt Gen Khalid Asghar (Retd), Farwell Ceremony was arranged at National University of Technology (NUTECH) on 17 May 2022. During the Farwell e vents, Rector NUTECH interacted with staff, faculty and students. The Rector, in his final address, reassured that NUTECH is on the right track towards its progress and appreciated the efforts of faculty and staff in the rapid growth of the NUTECH.



NUTECH Flood Relief Camp

Islamabad - 5 Sep till 9 Sep 2022

In the wake of heavy floods that have caused havoc across many parts of Pakistan, hundreds of people have died and millions rendered homeless due to torrential rains and heavy floods. To support this National cause, NUTECH Community Service Club under the supervision of Dean of Student Life office organized a Flood Relief Camp from 5 Sep-9 Sep 2022 at NUTECH. During this week students, faculty, support staff and all NUTECH Family stepped forward and generously contributed to help their Pakistani brothers and sisters in these difficult times. NUTECH Family made donations in form of cash, food items, medicines, hygiene items, clothes and kitchen utensils.



Graduation Ceremony NIVAT Students

Islamabad - 14 Sep 2022

NUTECH Skills Development Department (NSDD) achieved another milestone. Graduation Ceremony of NIVATS students was held at NUTECH on 14 Sep 2022 for the Third Batch of Computer Graphic (Motion) and First Batch of Fashion Designing and Machine Embroidery students. In this regard, at the opening remarks, Director NSDD apprised the audience about the journey of these successful students and their job employment after completing the course. The Chief Guest, Lt Gen Moazzam Ejaz (Retd), HI (M), congratulated the students and appreciated the hardwork of NSDD team in enhancing the student's skills. At the end, Rector NUTECH and Pro-Rector, Maj Gen Khalid Javed, distributed certificates to successful students. On this occasion, Principal NIVATS Miss Sadiya, faculty members along with students and their parents were also present. The ceremony concluded with the group photo of shining graduating students.



Cadet College Wana Delegation Visits NUTECH

Islamabad - 5 Oct 2022

A delegation comprising cadets and faculty members from Cadet College Wana, led by the Director of Studies, visited NUTECH on 5 Oct 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid Manzoor briefed them about university's mission, vision, academic programs, innovative academics system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Eid Milad Nabi (S.A.W.) Celebrations at NUTECH

Islamabad - 11 Oct 2022

To commemorate the blessed birth of Prophet Muhammad S.A.W., a Milad was celebrated at the National University of Technology (NUTECH), Islamabad. Students and the University staff including faculty members and support staff participated in the event with great religious zeal and fervor. The participants paid rich tribute to the Holy Prophet S.A.W. through beautiful Naats and thought-provoking speeches highlighting the different aspects of the life of the Holy Prophet S.A.W. The event was concluded with a special talk on the morals given and taught by the Holy Prophet S.A.W. in line with this year's theme for Milad as suggested by the Ministry of Religious Affairs & Interfaith Harmony.



Inter-Batch Sports Matches at NUTECH

Islamabad – 9 Dec 2022

Sports are an integral part of the campus life at NUTECH as they make a significant contribution to the all-around harmonious development of the students. NUTECH conducted its Inter-Batch Sports Matches at the NUTECH sports ground on 9 Dec 2022 under the supervision NUTECH sports department. Students actively participated in different games including Badminton, Basketball, Cricket, Futsal, Snooker, Table Tennis and Volleyball. Director Finance Brig Ahmed Bilal Janjua, (Retd) graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit.



Allama Iqbal Day Celebrations at NUTECH

Islamabad - 24 Nov 2022

Allama Iqbal day was celebrated at the National University of Technology with national zeal and fervour to pay homage to Dr. Allama Muhammad Iqbal on 24 Nov 2022. The students enthusiastically participated in the event to pay tribute to the "Poet of the East". The event commenced with the recitation of the Holy Quran followed by Iqbal's poetry and speeches on Iqbal's life. DG Skills Maj Gen Raza was the chief guest. The event was aimed at creating awareness amongst our young generation about the role and services of Allama Iqbal for Muslims of the sub-continent in getting a separate homeland. In the end, the Dean of Student Life and the Director NSDD distributed certificates among the participants.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.



Cadet College PISHIN Delegation Visits NUTECH

Islamabad – 9 Dec 2022

A delegation comprising cadets and faculty members from Cadet College PISHIN visited NUTECH on 9 Dec 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid briefed them about the university's mission, vision, academic programs, innovative academic system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



11 SUSTAINABLE CITIES
AND COMMUNITIES



GOAL 11



Sustainable Cities and Communities



NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



Rescue 1122 Conducted Basic Life Support Orientation Course

Islamabad - 16 Feb 2022

Basic Life Support Orientation Course was organized by Rescue 1122 with the coordination of Dean of Students Life at NUTECH on 16 Feb 2022. A large number of students with faculty attended the useful session. Community trainer Mubeen-ur-Rasheed from Rescue 1122 briefed the audience about the role of Rescue-1122 in emergencies, importance of emergency management and the significant role and services of Rescue 1122 in emergency management in Pakistan. He provided practical demonstration of the techniques for handling different types of emergencies like first-aid, fire-fighting, handling accidents, heart attack, CPR, control bleeding, fracture management, backbone injury management during emergency conditions and other emergency services to the students. Basic Life Support and Fire Safety Orientation training by Rescue 1122 aims to impart essential training to the students so that they could be able to play their effective role in case of any untoward incident by developing professional approach for any emergency or disaster.



Recreational Trip Bhurban / Cleaning Drive

Islamabad – 25 June 2022

A two-day recreational trip to Chinar Golf Club Bhurban was arranged by DSL Office on 24th & 25th June 2022. A total of 416 x students, 39 x faculty members, 48 x family members, and 37 x support staff went on these trips. NUTECH provided all the facilities including transport, food, and security to ensure that they enjoy their day. Students, faculty and support staff enjoyed playing golf and hiking on Pine Wood Trail. Cleaning Drive was also held in the suburbs of Bhurban by the students of NUTECH Green Youth Movement Club. The students, faculty, and support staff really appreciated the efforts of the DSL Office and NUTECH for organizing a wonderful trip for them.



NUTECH Flood Relief Camp

Islamabad - 5 Sep till 9 Sep 2022

In the wake of heavy floods that have caused havoc across many parts of Pakistan, hundreds of people have died and millions rendered homeless due to torrential rains and heavy floods. To support this National cause, NUTECH Community Service Club under the supervision of Dean of Student Life office organized a Flood Relief Camp from 5 Sep-9 Sep 2022 at NUTECH. During this week students, faculty, support staff and all NUTECH Family stepped forward and generously contributed to help their Pakistani brothers and sisters in these difficult times. NUTECH Family made donations in form of cash, food items, medicines, hygiene items, clothes and kitchen utensils.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

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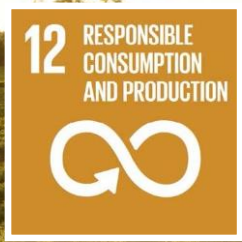


NUTECH Participation in HESSA VCs Meeting at IBA

Islamabad – 7-8 Dec 2022

Institute of Business Administration (IBA), a partner university of the Higher Education System Strengthening Activity (HESSA) project supported by USAID, organized a one-day HESSA training discussion session at its main campus in Karachi. Rector National University of Technology (NUTECH) Lt Gen (R) Moazzam Ejaz along with fifteen VCs of all HESSA Partner Universities participated wherein future HESSA interventions were discussed. The participants were taken on an IBA campus visit and were guided in developing their vision for long-term sustainability, faculty improvement and student success.





GOAL 12

Responsible Consumption and Production

Ban on Plastic Bags

NUTECH actively promotes environment-friendly practices at all of its campuses. The use of plastic bags at all stores inside NUTECH was banned on account of their negative impact on the environment and has long been replaced by eco-friendly alternatives.



NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



Askari & Fauji Cement Company Limited (AFCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Efficient Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFCCL.





GOAL 13



Climate Action

Recreational Trip Bhurban / Cleaning Drive

Islamabad – 25 June 2022

A two-day recreational trip to Chinar Golf Club Bhurban was arranged by DSL Office on 24th & 25th June 2022. A total of 416 x students, 39 x faculty members, 48 x family members, and 37 x support staff went on these trips. NUTECH provided all the facilities including transport, food, and security to ensure that they enjoy their day. Students, faculty and support staff enjoyed playing golf and hiking on Pine Wood Trail. Cleaning Drive was also held in the suburbs of Bhurban by the students of NUTECH Green Youth Movement Club. The students, faculty, and support staff really appreciated the efforts of the DSL Office and NUTECH for organizing a wonderful trip for them.

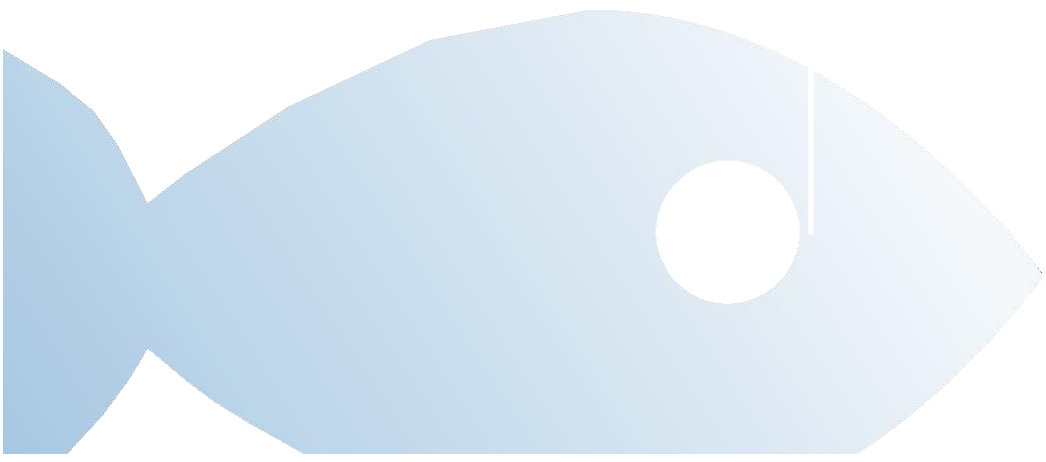




GOAL 14



Life below Water





GOAL 15



Life on Land



Recreational Trip Bhurban / Cleaning Drive

Islamabad – 25 June 2022

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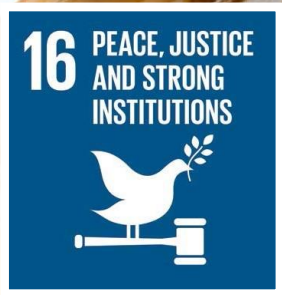


NUTECH Flood Relief Camp

Islamabad - 5 Sep till 9 Sep 2022

In the wake of heavy floods that have caused havoc across many parts of Pakistan, hundreds of people have died and millions rendered homeless due to torrential rains and heavy floods. To support this National cause, NUTECH Community Service Club under the supervision of Dean of Student Life office organized a Flood Relief Camp from 5 Sep-9 Sep 2022 at NUTECH. During this week students, faculty, support staff and all NUTECH Family stepped forward and generously contributed to help their Pakistani brothers and sisters in these difficult times. NUTECH Family made donations in form of cash, food items, medicines, hygiene items, clothes and kitchen utensils.





GOAL 16

Peace, Justice and Strong Institutions



Tang International Education Group Delegation Visits NUTECH

Islamabad - 9 Feb 2022

Mr. Max Ma, Executive President Tang International Education Group visited NUTECH on 9 Feb 2022 with the vision to transfer technology and technical education from China to Pakistan through joint platform collaborations. Mr. Max Ma briefed about Tang international education cloud platform system, structure of Tang international education group, future strategies plans of Tang and present collaboration with different organizations and universities in Pakistan. He proposed CCTE Modern Sino-Pak Dual Diploma/Degree Joint Education Program to NUTECH. Through this 3-year diploma, students will complete one year in Pakistan College and remaining 2 years in China College. The delegation was briefed on university's mission, innovative skills education system, future hi-skills program and international collaborations. Later, the team visited NUTECH campus, discussions were held on the way forward in the collaboration process and future job opportunities and trainings with special reference to CPEC projects.



Inter Departmental Sports Matches Islamabad – 9-10 Feb 2022

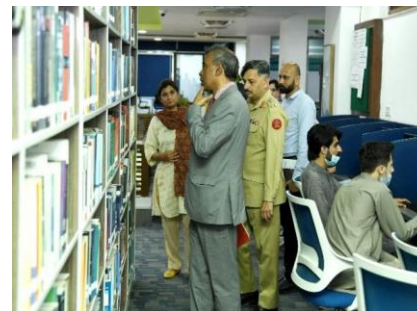
Sports are an integral part of the campus life at NUTECH as they make a significant contribution to all-round harmonious development of the students. In order to inculcate sporting spirit among the NUTECH students to participate in sports activities, NUTECH Sports Directorate conducted its Inter Departmental Sports Matches at NUTECH sports complex on 9-10 Feb 2022. Students from different NUTECH undergraduate programs participated in the competition with enthusiasm. Students actively participated in different games including badminton, football, basketball, cricket, futsal and volleyball. Controller of Examination Brig Tehseen Arif graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit.



Institutional Performance Evaluation (IPE) Panel Visits

Islamabad – 29-31 Mar 2022

National University of Technology (NUTECH) conducted its Second Self Institutional Performance Evaluation (IPE) on 29 - 31 Mar 2022 as per the annual targets given by Higher Education Commission Quality Assurance Agency (HEC QAA). IPE panel comprised of one External Reviewer, Prof. Dr. Ali Sajid, TI, Director Lahore School of Management and three Internal Reviewers including Brig Taimur Baig (Director NUQAD), Lt Col Dr. Nauman Razzak (HOD Electrical Department) and Dr. Muhammad Rashid (HOD Computer Science Department). Prof. Dr. Ali Sajid was received warmly at NUTECH. A detailed briefing on NUTECH was given by Registrar Brig Dr. Syed Adnan Qasim. He was taken for a visit of the university by Brig Dr Muhammad Almas Anjum. Later, IPE panel led by Prof. Dr. Ali Sajid (TI) undertook detailed review/assessment of various offices and departments. Necessary details pertaining to management, HR, academic programs, accreditation, infrastructure and facilities available to students were shared with the panel by respective Directors and HODs. Quality improvement aspects of ongoing undergraduate programs (Mechanical, Civil, Electrical, Computer Engineering and Computer Science) were deliberated in detail. IPE panel also interacted with the faculty and students. External reviewer greatly appreciated the commitment of NUTECH senior management. He was highly satisfied with the functioning of different organs of NUTECH academic system. He highlighted importance of the teacher's role towards personality development of the students and urged upon all stakeholders to work for further improvement and strengthening of the university academic and support systems.



Interviews for Final Selection of Shortlisted Candidates for Technical Intern Training Program (TITP) Japan

Islamabad - 29-30 Mar 2022

Government of Pakistan has nominated NUTECH as “Sending Organization” for TITP Japan. For this purpose, online registration opened through which thousands of applications were received by NUTECH. After completion of successful online registration process, approximately 150 individuals were interviewed on 29-30 March 2022 at NUTECH for this program. Individuals were interviewed for different skills category as demanded by Japan Government includes Care Workers, Automobile Repair & Maintenance, Excavating Works, Livestock & Agriculture and Fishery. NUTECH is putting forward its earnest efforts in collaboration with Government and plans to send the first batch of youth to Japan for this program in the later half of this year, Insha’Allah.



NUTECH First Spring Gala 2022

Islamabad – 30 - 1 April 2022

NUTECH Dean of Students Life (DSL) Department organized three-day Spring Gala from 31 March - 1 April 2022. This colorful festival not only aimed to bring forward students' teamwork and leadership qualities but also gave them an opportunity to showcase their creative side. On the first day, students participated in arts exhibition where their artwork and creative paintings were displayed. On the spot, sketch competition and games like Minute to Win It, Ludo, Chess etc. were part of the gala. Second day comprised of Bazm-e-Adab, Bait Baazi and motivational talks. Open mic café was also part of the gala on the second day where students displayed their talent through various creative performances on stage. On the third & last day of the event, students setup different cultural stalls, showcasing their cultural dresses and various touristic sites. These cultural stalls beautifully displayed the rich culture of Pakistan. The students enjoyed delicious food, which were available on different food stalls at the gala. Chief Guest of the day, Rector NUTECH Lt Gen (R) Khalid Asghar, alongwith Pro-Rector Maj Gen Khalid Javed witnessed the different stalls of the students and appreciated the hardwork. At the end, Rector congratulated the organizers for making this event special and creative. The spring gala 2022 ended with prize distribution ceremony.



Industrial Creative Activity Term (ICAT) 2022 Ceremony

Islamabad - 25 April 2022

2.NUTECH third Industrial Creative Activity Term (ICAT) week planned during semester break was successfully completed on April 2022. It was a four-week activity period during which students were encouraged to set their own educational agendas, pursue independent projects and interact with faculty. All members of the NUTECH community including faculty were free to introduce innovative educational experiments as ICAT activities with the aim at sharing a particular talent, expertise or interest with others at the university. Rector NUTECH Lt Gen (Retd) Khalid Asghar, Pro-Rector Major Gen Khalid Javed and DG NORIIC AVM Asif Maqsood visited different projects stalls and interacted with the students.



ABS System Handover Ceremony at NUTECH

Islamabad - 31 Mar 2022

NUTECH has organized Advanced Ballistic Calculating System (ABS) handover ceremony to Army at the campus. NUTECH has achieved this innovative product through the hardwork of R & D team working at NUTECH Innovation Center (NIC). IGT&E Lt Gen Syed Muhammad Adnan, HI(M) graced the occasion as Chief Guest. At the ceremony, Lt Col Junaid Aftab, TI (ABS team lead) apprised the audience about development process of ABS. The audience was also briefed about in-house testing, field-testing and impact of ABS system on operational preparedness of Pak Army. At the occasion, IGT&E Lt Gen Syed Muhammad Adnan thanked Rector NUTECH Lt Gen (R) Khalid Asghar and Pro-Rector Maj Gen Khalid Javed along with the development team for completing the project in a befitting manner. Rector Lt Gen (R) Khalid Asghar emphasized upon the fact that NUTECH is committed to its vision to promote, develop and implement indigenous technologies for industry and the military. The successful completion of the project and delivery to Pakistan Army is the first step in this regard.

This ballistic calculator has been conceived to reduce computational workload of military personnel during operations by automatically providing correct required firing solutions during changing ambient conditions and in the heat of the battle.

The ceremony was attended by high officials from GHQ, IGT&E branch and members of BOG alongwith NUTECH students, faculty and support staff.



NIMS Inauguration at NUTECH

Islamabad - 17 May 2022

Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated NUTECH Information Management System (NIMS) on 17 May 2022. NUTECH is spreading its horizons to provide the best IT services to its students and faculty. To achieve this target, NUTECH acquired Campus Management System (CMS) & Enterprise Resource Planning (ERP) collectively called NUTECH Information Management System (NIMS), which is based on open source Odoo platform to automate its business processes. NIMS is based on modular architecture to handle all students and faculty activities aspects/work flow for efficient and effective working.



NUTECH First Magazine Launch Ceremony

Islamabad - 17 May 2022

The launch ceremony of NUTECH First Magazine was held on 17 May 2022. Rector NUTECH Lt Gen Khalid Asghar (Retd) graced the occasion as Chief Guest. NUTECH achieved another milestone through successful production of its first magazine, which includes different segments ranging from initial stages of university development, undergraduate and skills education system, academia industry linkages, latest developments in university for preparing future industry leaders, ventilator development, cooperative engineering technology program and NUTECH main campus development etc. As Chief Guest, Rector NUTECH Lt Gen Khalid Asghar (Retd) appreciated the hardwork of editorial board for developing NUTECH first ever magazine in such a short time. The inauguration ceremony ended with certificate distribution to all authors and editorial board members as acknowledgement of their contributions.



Visit of Pakistan Institute of Development Economics (PIDE) Delegation

Islamabad – 14-15 June 2022

HESSA tends to conduct a study to develop a deeper understanding of the current landscape of students' affairs services at 15 Higher Education Institutes in Pakistan. For this purpose, they selected Pakistan Institute of Development Economics Development (PIDE) to conduct this survey study. A delegation from PIDE visited NUTECH on 14-15 June 2022. In this two-day visit, PIDE team interact with different offices and its management, which includes Dean of Student Life (DSL), Exam Office, NORIIC Office and NUQAD Office. Discussion related to student's affairs, financial aid to students (scholarship) and student's placement mechanism in different industries were discussed. The team also conducted interactive session with students.



Askari & Fauji Cement Company Limited (AFCCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Efficient Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFCCCL.



Establishment of NUTECH Karachi Campus (NKC)

Islamabad - 1 July 2022

An MoU for the establishment of NUTECH Karachi Campus (NKC) as an exports enhancement project of Karachi Chamber of Commerce & Industry (KCCI) was signed between NUTECH and Airport Security Force Foundation (ASFF) on 1 July 2022. According to the MoU, ASFF will provide 50 Acres of land to NUTECH for world-class R&D for the industry to create, develop, implement and promote emerging technologies and allied skills for imports substitution, technology upgradation, value-addition and exports enhancement. The MoU was signed in an impressive ceremony hosted by ASFF at a local hotel in Karachi. The event was attended by Pro-Rector, Registrar and A/Director P&D from NUTECH apart from more than 50 leading industrialists and exporter of Karachi as well as some leading figures of academia. DG ASF and MD ASFF Maj Gen Abid Latif Khan thanked the leadership of NUTECH and industry for initiating such visionary project of great national significance. He assured NUTECH and national industry of complete support of ASFF for making NKC a successful project of ASF city in future.



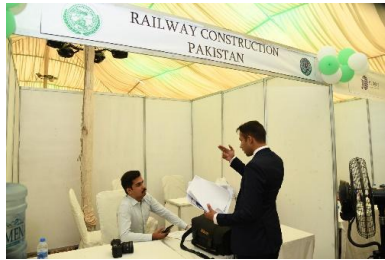
Open House & Job Fair 2022 at NUTECH

Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open Hose and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector NUTECH, Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students’ capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



NUTECH Flood Relief Camp

Islamabad - 5 Sep till 9 Sep 2022

In the wake of heavy floods that have caused havoc across many parts of Pakistan, hundreds of people have died and millions rendered homeless due to torrential rains and heavy floods. To support this National cause, NUTECH Community Service Club under the supervision of Dean of Student Life office organized a Flood Relief Camp from 5 Sep-9 Sep 2022 at NUTECH. During this week students, faculty, support staff and all NUTECH Family stepped forward and generously contributed to help their Pakistani brothers and sisters in these difficult times. NUTECH Family made donations in form of cash, food items, medicines, hygiene items, clothes and kitchen utensils.



Cadet College Wana Delegation Visits NUTECH

Islamabad - 5 Oct 2022

A delegation comprising cadets and faculty members from Cadet College Wana, led by the Director of Studies, visited NUTECH on 5 Oct 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid Manzoor briefed them about university's mission, vision, academic programs, innovative academics system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Eid Milad Nabi (S.A.W.) Celebrations at NUTECH

Islamabad - 11 Oct 2022

To commemorate the blessed birth of Prophet Muhammad S.A.W., a Milad was celebrated at the National University of Technology (NUTECH), Islamabad. Students and the University staff including faculty members and support staff participated in the event with great religious zeal and fervor. The participants paid rich tribute to the Holy Prophet S.A.W. through beautiful Naats and thought-provoking speeches highlighting the different aspects of the life of the Holy Prophet S.A.W. The event was concluded with a special talk on the morals given and taught by the Holy Prophet S.A.W. in line with this year's theme for Milad as suggested by the Ministry of Religious Affairs & Interfaith Harmony.



Workshop on Medical Image Processing at NUTECH

Islamabad - 12 Oct 2022

A workshop on Medical Image Processing and its application to early detection of infectious diseases such as breast cancer, hepatocellular carcinoma (HCC) was organized on 12 Oct 2022 under the auspices of Computer Science department, National University of Technology. Dr Gloria Taliani Full Professor of Infectious Diseases, Sapienza University Rome graced the occasion and delivered a talk on detection of HCC. Dr Taliani is a distinguished expert in the field of infectious diseases with enormous research contribution to the field. Her main research interest include Epidemiology, Pathogenesis and Therapy of viral hepatitis, Pathogenesis and Therapy of bacterial infections.

During her visit, she held meetings with the senior management of NUTECH. Subjects of mutual cooperation such as joint research in the field of liver diseases and liver failure, biomedical signal processing for detection of cardiac diseases using machine learning/AI models, faculty and students exchange program between NUTECH and University of Rome were discussed. Dr Taliani also held discussion with the senior faculty members to identify areas of mutual collaboration, research and development and way forward for future collaboration was identified.



HESSA Delegation Visits NUTECH

Higher Education System Strengthening Activity (HESSA) is a project of University of Utah (UU) supported by USAID. It aims at capacity building of 16 selected HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs.

NUTECH is honoured to be a part of the HESSA program as one of the 16 selected HEIs. Members of the HESSA project team including Mike Barber (Project Director), Cheri Daily (Project Manager), Aslam Chaudhry (Chief of Party), Ayesha Razzaque (Deputy Chief of Party), Susan Carvalho and Gwendolyn Schaefer visited NUTECH. The HESSA team had a detailed meeting with Rector NUTECH Lt Gen (R) Moazzam Ejaz, HI(M), Pro- Rector Maj Gen Khalid Javed and DG NORIC Air Vice Marshal Asif Maqsood, SI(M) along with other officers and faculty members from NUTECH. Faculty members who had undergone various trainings organized under the HESSA project shared their experiences and praised the HESSA team for their efforts. Registrar Dr Adnan Qasim briefed the visiting HESSA team about NUTECH. Dean of University Dr Muhammad Almas Anjum lead the discussion on NUTECH's participation in HESSA project and briefed the visiting team about NUTECH's strategic initiatives and expectations from the HESSA project.



Inter-Batch Sports Matches at NUTECH

Islamabad – 9 Dec 2022

Sports are an integral part of the campus life at NUTECH as they make a significant contribution to the all-around harmonious development of the students. NUTECH conducted its Inter-Batch Sports Matches at the NUTECH sports ground on 9 Dec 2022 under the supervision NUTECH sports department. Students actively participated in different games including Badminton, Basketball, Cricket, Futsal, Snooker, Table Tennis and Volleyball. Director Finance Brig Ahmed Bilal Janjua, (Retd) graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit.



Visit of President International Tunneling Association

Islamabad – 9 Dec 2022

President of International Tunneling Association Professor Arnold Dix visited NUTECH on 9 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry. He appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. Professor Arnold Dix also interacted and deliver a talk to students and faculty.



NUTECH Participation at IDEAS-2022 Exhibition, Karachi

Islamabad – 15-18 Nov 2022

International Defence Exhibition and Seminar, IDEAS 2022 is being organized from 15th – 18th November 2022 at Karachi Expo Centre (KEC). IDEAS 2022 exhibits a wide variety of Defence systems and showcases the technology of tomorrow and innovations in Defence systems. The National University of Technology (NUTECH) is taking an active part in the exhibition. NUTECH is presenting at the expo in which research projects/products like Advanced Ballistic Solver, ICU Grade Ventilator, 3D Printer, Wind Speed Assessment System, Ballistic Solver Device for Tk VT4 and Sniper Rifle are being displayed. During this activity, the contacts established with various industrial/commercial entities by the NUTECH team, will greatly facilitate NUTECH's future engagements with the Defence industry in terms of international and national collaborative ventures.



Chairman National Disaster Management Authority (NDMA) Visits NUTECH

Islamabad - 22 Nov 2022

Chairman National Disaster Management Authority (NDMA), Lieutenant General Inaam Haider Malik, HI (M), visited NUTECH on 22 Nov 2022 with the aim to establish a long-term partnership and explore avenues of collaboration with NUTECH. He was briefed about the university's mission, vision, innovative education system, future academic programs, collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". Matters related to future collaborations with the NDMA were discussed. Chairman National Disaster Management Authority (NDMA) appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs.



Allama Iqbal Day Celebrations at NUTECH

Islamabad - 24 Nov 2022

Allama Iqbal day was celebrated at the National University of Technology with national zeal and fervour to pay homage to Dr. Allama Muhammad Iqbal on 24 Nov 2022. The students enthusiastically participated in the event to pay tribute to the "Poet of the East". The event commenced with the recitation of the Holy Quran followed by Iqbal's poetry and speeches on Iqbal's life. DG Skills Maj Gen Raza was the chief guest. The event was aimed at creating awareness amongst our young generation about the role and services of Allama Iqbal for Muslims of the sub-continent in getting a separate homeland. In the end, the Dean of Student Life and the Director NSDD distributed certificates among the participants.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



Seminar on “Leadership for Academic Quality”

Islamabad - 29 Nov 2022

A seminar on “Leadership for Academic Quality” was organized on 29 Nov 2022 under the auspices of Quality Assurance Department, National University of Technology. Dr Kamran Moosa graced the seminar as guest speaker. He is an experienced Academician & Professor, International Trainer & Consultant, Author & Advisor to National Institutions in the field of Quality Engineering & Management. He has authored 04 books published in Pakistan and a chapter for a book published in Japan. He has many research papers published and presented in national/international conference proceedings. Seminar was attended by all faculty members and support staff of NUTECH and facility for online link via MS Team was also established for QECs of other National HEIs. Seminar covered following main areas (1) Conceptual overview of Quality Management and building a better Vision of academic organizations for improvement (2) Critically analyze different successful Quality approaches and Management Structure from strategic point of views (3) Find out Critical Success Factors in the implementation of these programs (4) Bloom’s Taxonomy and Outcome Based Education (5) Leadership Aspects for Quality in Academic Institutions. After the Seminar, the honorable guest speaker accompanied by Director NUQAD visited NSDD, library and NUTECH Labs. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as Academic Development, Quality Standardization & Research Projects. In the end, Rector presented a souvenir to Dr Kamran Moosa as a memento of his visit to NUTECH.



NUTECH Participated in International Summit Higher Education & Workforce Development in the 21st Century

Islamabad - 2 Dec 2022

Higher Education System Strengthening Activity (HESSA) recently organized an International Summit on Higher Education and Workforce Development in the 21st Century from 30 November to 2 December 2022 in Islamabad with the objective of bringing together leaders and decision makers from universities, industry, and government to invigorate the higher education agenda and rethink the role of higher education in the 21st century.

Rector NUTECH Lt Gen (R) Moazzam Ejaz along with DG NORIC Air Vice Marshal Asif Maqsood, SI(M), Dean of University Brig Dr Muhammad Almas Anjum and faculty members attended the summit.

HESSA is a project of University of Utah (UU) supported by USAID. It aims at capacity building of fifteen select HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs. NUTECH is honoured to be a part of the HESSA program as one of the 16 selected HEIs.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.



NUTECH Participation in HESSA VCs Meeting at IBA

Islamabad – 7-8 Dec 2022

Institute of Business Administration (IBA), a partner university of the Higher Education System Strengthening Activity (HESSA) project supported by USAID, organized a one-day HESSA training discussion session at its main campus in Karachi. Rector National University of Technology (NUTECH) Lt Gen (R) Moazzam Ejaz along with fifteen VCs of all HESSA Partner Universities participated wherein future HESSA interventions were discussed. The participants were taken on an IBA campus visit and were guided in developing their vision for long-term sustainability, faculty improvement and student success.



Cadet College PISHIN Delegation Visits NUTECH

Islamabad – 9 Dec 2022

A delegation comprising cadets and faculty members from Cadet College PISHIN visited NUTECH on 9 Dec 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid briefed them about the university's mission, vision, academic programs, innovative academic system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Workshop on Google Developer Student Club (GDSC) and Microsoft Learn Student Ambassador (MLSA)

Islamabad - 12 Dec 2022

Students of the Department of Computer Science organized a workshop on Google developer student club (GDSC) and Microsoft learns student ambassador (MLSA) on December 12, 2022, with the objective of engaging NUTECH students with new technologies, familiarizing them with a range of technical topics, and gaining new skills through a hands-on workshop and project-building activities online and in person. Apply new learnings to build great solutions for local problems and advance their skills, career, and networks. The workshop was attended by faculty members and students from different departments. MLSA is one of the eminent initiatives taken by Microsoft. It aims at capacity building and working with students all around the world to polish their leadership as well as technology-related skills. Department of Computer Science students aims to help fellow students build their coding skills online with Microsoft Learn, organizing a virtual hackathon to solve real-world challenges.



DG ASF Visit NUTECH

Islamabad - 13 Dec 2022

Director General Airport Security Force (ASF) visited NUTECH on 13 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs, and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". DG ASF appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. He showed an ardent interest in future alliances with NUTECH. Later, DG ASF visited the NUTECH campus and allied facilities of the campus.



Hashoo School of Hospitality Management Delegation Visits

Islamabad - 14 Dec 2022

A high-level delegation from Hashoo comprising AVM Ijaz and Director Brig Fiaz Qamar (Retd) visited NUTECH on 14 Dec 2022. The delegation was briefed about NUTECH's education methodology and collaborations with national & international industries. The delegation applauded the university's structure and vision to nurture future generations to fulfill industrial needs. They showed keen interest in future partnerships with NUTECH in the hospitality sector and joint ventures with entrepreneur initiatives. This future alliance will likely benefit students in the form of professional learning and training and entrepreneurship ventures with new opportunity platforms.



Breast Cancer Awareness Talk

Islamabad - 16 Dec 2022

To increase awareness of the prevention of breast cancer and its early diagnosis, NUTECH organized a Breast Awareness Talk on 16 Dec 2022. Dr. Tahira Sadiq as a guest speaker briefed the participants on cancer's growth process, risk factors, signs and symptoms, diagnostic, screening tools, and treatment options. She suggested lifestyle modification including daily exercise to help reduce the risk of breast cancer. She also demonstrated how to perform a self-examination every month so that the slightest change can be detected easily. This useful Breast Cancer Awareness Talk gave insight to female students on the benefits of early detection of and how to regularly self-examine for breast cancer. This useful awareness talk concluded with an interactive question & answer session.





17 PARTNERSHIPS
FOR THE GOALS



GOAL 17



Technical Advisor to Ministry of Federal Education and Professional Training Visits NUTECH

Islamabad - 12 Jan 2022

Ms. Ayesha Razzaq, Technical Advisor to Ministry of Federal Education and Professional Training visited NUTECH on 12 Jan 2022. She was briefed about university's mission, vision, innovative skills education system, future hi-skills program and international collaborations. Later, dignitary visited NUTECH campus, NUTECH Skills Development Department (NSDD) labs and allied facilities of the campus. Technical Advisor to Ministry of Federal Education and Professional Training appreciated the efforts of NUTECH towards enhancing country skills education system and vision to nurture future generations to fulfill industrial needs.



CEO PIA Visits NUTECH

Islamabad - 17 Jan 2022

CEO Pakistan International Airlines (PIA), Air Marshal (Retd) Arshad Malik alongwith his team visited NUTECH on 17 Jan 2022 with an aim to forge a long-term partnership and to explore avenues of collaboration with NUTECH. The delegation was briefed about university's mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Future collaboration steps including BSc (Aviation Technology) degree programs assistance, short courses for PIA staff by NUTECH and increasing PIA HR capacity building were discussed. NUTECH and PIA agreed to sign an MOU, which will be further translated into an action plan by a joint working committee of technical experts from both sides. This will initiate the development of mutually convenient and effective implementation strategies as part of transforming initial interaction into a system of institutional engagement on a sustainable basis for long-term relationship. Later, PIA team visited NUTECH campus, labs and allied facilities of the campus.



NUTECH Students Achievements in Robotics Contest 2022

Islamabad - 23 Jan 2022

NUTECH students from BS (Computer Engineering) batch 2018 has won top positions in different categories of the Robotech competition organized by UET Peshawar. Computer Engineering students has achieved this milestone under the supervision of HOD Computer Engineering Dr. Kamran and beat 44 teams representing different universities in the competition. NUTECH students team including Muhammad Waqas, Muhammad Hamza, Muhammad Afaq, Fahad Tariq secured 1st position in Line Following Robot category, another team including Ali Hamza, Azian Naveed, Abdul Basit, Hamza Ali attained 1st position in Obstacle Avoidance Robot category and team including Muhammad Sami, Syeda Samia, Samrah Riaz and Shanzay Azeem secured 2nd position in Health Monitoring Robot.



NUTECH Achievement - Land Allotment of New Campus

Islamabad - 8 Feb 2022

NUTECH Main Campus Land Allotment Ceremony was organized by Future Development Holdings Limited at Capital Smart City on 8 Feb 2022. Function was attended by the prominent head of institutions who were allotted land for their organizations at CSC, it includes Dr. Taseer Director Elderly Care Center, Dr. Zafar Director Gandhara Arts and Culture Center and Dr. Irfan Chairman Harley Brain & Spine Hospital UK attended the ceremony. Rector NUTECH Lt Gen Khalid Asghar Retd graced the occasion as Chief Guest. Brig Abid Cheema Head of Business Development of FDHL in his welcoming note extended his gratitude to NUTECH management and other stakeholders for choosing Capital Smart City as their future destination. Earlier on 2020, an MOU was signed between NUTECH and Capital Smart City (CSC) for development and operationalization of a futuristic smart campus of Technology University of international standards. CSC shall play the role of a key partner to support NUTECH in provision of land for NUTECH main campus and support services for its operations. Rector NUTECH Lt Gen (R) Khalid Asghar in his address emphasized that NUTECH will promote higher education in the realm of creation, promotion, transfer and implementation of indigenous technologies and help in solving problems of HR in terms of young engineers, technologists and skilled workforce. NUTECH will play its imperative role in enhancing Pakistan's industrial growth and economy. We need a National approach for promotion of applied R&D and applied skills education, he added.

NUTECH Main Campus shall help in achieving its vision and mission of producing entrepreneurs and industrial leaders of Character in the coming years. NUTECH will benefit 30,000 to 50,000 students per year at its main campus at Capital Smart City in future. Chairman FDHL Mr. Zahid Rafiq presented the Land Allotment Letter to Rector NUTECH. The Ceremony was also attended by the member of Senior faculty and administration of NUTECH



Tang International Education Group Delegation Visits NUTECH

Islamabad - 9 Feb 2022

Mr. Max Ma, Executive President Tang International Education Group visited NUTECH on 9 Feb 2022 with the vision to transfer technology and technical education from China to Pakistan through joint platform collaborations. Mr. Max Ma briefed about Tang international education cloud platform system, structure of Tang international education group, future strategies plans of Tang and present collaboration with different organizations and universities in Pakistan. He proposed CTE Modern Sino-Pak Dual Diploma/Degree Joint Education Program to NUTECH. Through this 3-year diploma, students will complete one year in Pakistan College and remaining 2 years in China College. The delegation was briefed on university's mission, innovative skills education system, future hi-skills program and international collaborations. Later, the team visited NUTECH campus, discussions were held on the way forward in the collaboration process and future job opportunities and trainings with special reference to CPEC projects.



Inter Departmental Sports Matches

Islamabad – 9-10 Feb 2022

Sports are an integral part of the campus life at NUTECH as they make a significant contribution to all-round harmonious development of the students. In order to inculcate sporting spirit among the NUTECH students to participate in sports activities, NUTECH Sports Directorate conducted its Inter Departmental Sports Matches at NUTECH sports complex on 9-10 Feb 2022. Students from different NUTECH undergraduate programs participated in the competition with enthusiasm. Students actively participated in different games including badminton, football, basketball, cricket, futsal and volleyball. Controller of Examination Brig Tehseen Arif graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsman sp.

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Rescue 1122 Conducted Basic Life Support Orientation Course

Islamabad - 16 Feb 2022

Basic Life Support Orientation Course was organized by Rescue 1122 with the coordination of Dean of Students Life at NUTECH on 16 Feb 2022. A large number of students with faculty attended the useful session. Community trainer Mubeen-ur-Rasheed from Rescue 1122 briefed the audience about the role of Rescue-1122 in emergencies, importance of emergency management and the significant role and services of Rescue 1122 in emergency management in Pakistan. He provided practical demonstration of the techniques for handling different types of emergencies like first-aid, fire-fighting, handling accidents, heart attack, CPR, control bleeding, fracture management, backbone injury management during emergency conditions and other emergency services to the students. Basic Life Support and Fire Safety Orientation training by Rescue 1122 aims to impart essential training to the students so that they could be able to play their effective role in case of any untoward incident by developing professional approach for any emergency or disaster.



Regional Director APSACs Secretariat Visits NUTECH

Islamabad - 17 Feb 2022

Ms. Shaama, Regional Director Army Public School and Colleges (APSCAs) Secretariat along with students' counselor visited NUTECH on 17 Feb 2022. The delegation were briefed about university's mission, vision, innovative education system, admission procedures, future academic programs and international collaborations. Discussion related to mutual collaborations about admission awareness campaign were discussed. Later, the delegation visited NUTECH campus, labs and allied facilities of the campus. Regional Director Army Public School and Colleges (APSCAs) Secretariat appreciated the efforts of NUTECH towards enhancing country education system and vision to nurture future generations to fulfill industrial needs.



Founder & Chairman Commonwealth Entrepreneurs Club (CEC) Visits NUTECH

Islamabad - 18 Feb 2022

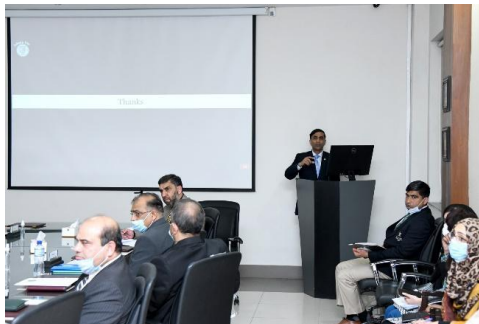
Mr. Mobeen Rafique, Founder & Chairman CEC accompanied by Mr. Manzoor Anwar Global President CEC, Brig (R) Anjum Saeed Vice President SMEs Pakistan and Mr. Ammar Jaafri President CEC Pakistan visited NUTECH on 18 Feb 2022. The delegation were briefed about university's mission, innovative education system, future academic programs and international collaborations. Matters related to future collaborations with CEC delegation were discussed. Later, the delegation visited NUTECH campus, labs and allied facilities of the campus.



14th Academic Council Meeting (ACM)

Islamabad - 22 Feb 2022

NUTECH 14th Academic Council Meeting (ACM), chaired by Rector NUTECH, Lt Gen Khalid Asghar (Retd), was held on 22 February 2022. In the meeting, Council was apprised of the implementation and progress of the decisions of 13th ACM. All members including Registrar, Deans and HOD's attended the meeting. The ACM approved sixteen agenda points related to different academic matters. Council accorded curriculum approval for MS Computer Science and Civil Engineering Programs and Post-Graduation Program Policies. Furthermore, ACM also approved Technical Training Internship Program (TITP) Execution for Batch-1 Program, being run by Skills Department of NUTECH. Forum also approved Framework for Project Execution and Commercialization at NUTECH and its Quality Management System Framework. Forum approved Policies of Emergency Health and Safety, Community Services and Establishment of Counselling Cell at the Campus. For International Collaborations, a draft MOU for Cooperation between Federal Institution of Higher Education Russian University of Transport (RUT) and NUTECH was approved for further proceedings. The Council after due deliberation and minor modifications approved the agenda points.



MOU Signing Between M/S Telec Electronics & Machinery (Pvt) Ltd

Islamabad - 25 Feb 2022

National University of Technology (NUTECH) has joined hands with M/S Telec Electronics & Machinery (Pvt) Ltd to promote academia-industry linkages and produce demand-driven graduates for the industry. In order to solemnize this multi-tier partnership, a Memorandum of Understanding (MOU) signing ceremony was held at NUTECH on 25 Feb 2022. Director NORIC Imran Anwer and CEO M/S Telec Electronics & Machinery (Pvt) Ltd Syed Hassan Sajjad signed the agreement at the occasion. The purpose for signing this MOU is to develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at the intellectual, academic, research and professional levels. Under the newly forged partnership, M/S Telec Electronics & Machinery (Pvt) Ltd will provide 2 year licensed version of EDA Software Suit education donation package, which will help the students and faculty members of NUTECH Engineering Departments to learn relevant modern tools. By signing an MoU, M/S Telec Electronics & Machinery (Pvt) Ltd and NUTECH have agreed to work jointly for promoting applied research in academia and indigenous industrial knowledge, new technologies & innovations and establishment of laboratories for future research activities.



Accreditation Visit for Bachelor of Science (Civil, Mechanical, Electrical, and Computer Engineering) Programs by Pakistan Engineering Council

Islamabad – 28 Feb and 1 Mar 2022

Pakistan Engineering Council (PEC) as Accreditation Body visited NUTECH in year 2019 & 2020 to conduct zero visits of Batch Fall 2018 & 2019 and granted consent to start Four Engineering programs (Civil, Mechanical, Electrical, and Computer Engineering) at NUTECH. The detailed report of the zero visit was shared by PEC and in response, NUTECH submitted compliance report after addressing all the observations and recommendations of PEC. Later, PEC conducted Interim visit of all Engineering Programs at NUTECH on October 2021.

Pakistan Engineering Council (PEC) conducted its Accreditation visit on 28 Feb & 1 Mar 2022. Eng. Prof Abdul Sattar Shakir led the PEC delegation. This two-day PEC Accreditation visit aimed to oversee the programs curricula labs, faculty and infrastructure facilities available to students for the accreditation of four undergraduate programs (Mechanical, Civil, Electrical and Computer Engineering Departments). Rector of the university Lt Gen (Retd) Khalid Asghar warmly welcomed the PEC team. During the visit, Head of Departments (Civil, Electrical, Mechanical and Computer Engineering programs) briefed the team about their department structure, education methodology and faculty hardwork towards achievement of quality education under the guidelines of PEC and HEC. Later, PEC team visited labs, classrooms, library and interacted with students and faculty. PEC team found the faculty, staff, labs and infrastructure requirements according to the criteria, applauded policies, documentations and the institution's performance and provided useful suggestions for further improvement. Rector welcomed the suggestions and ensured team members to integrate valuable input for greater interest of students.



CMH and Medical Directorate Delegation Visits NUTECH

Islamabad - 14 Mar 2022

A delegation from CMH headed by Maj Gen Ali Shan Rao visited NUTECH on 14 Mar 2022 in connection with clinical trials of ICU grade ventilator (NuVent) developed under the supervision of Dean of Research, Brig Dr. Badar Rashid. Delegation was briefed about NUTECH vision, mission, education system, collaborations with national & international organizations and research system by the Registrar NUTECH.

Lt Col Junaid Aftab (NuVent team lead) briefed the delegation about NUTECH's first Pandemic Ventilator by focusing on its system design, features, functionality, performance parameters and ventilator modes. He also provided an overview of NuVent development process and approvals from Pakistan Engineering Council (PEC) and National Bio-ethics Committee (NBC). After the briefing, the delegation visited NUTECH labs, NuVent and other ongoing research projects. Maj Gen Ali Shan Rao appreciated the university efforts in promotion of technology development especially in biomedical and healthcare domains.

NUTECH in quest for technologies creation has developed a robust ventilator system to support indigenous efforts in the fight against COVID- 19. NuVent has been developed by engineers and technologists of NUTECH in a short span. After the approval from PEC and NBC, NuVent is undergoing clinical trials at CMH, Rawalpindi. Soon Inshallah, after the clinical trials, NuVent will be operative at various hospitals to save precious lives.



Finland Team Visits NUTECH

Islamabad - 15 Mar 2022

A Finland team headed by Mr. Wille Eerola, Chairman Finland Pakistan Council visited NUTECH on 15 Mar 2022 with an aim to forge a long-term partnership and to explore avenues of collaboration in construction sector. Delegation was briefed on university mission, academic system, skills education, affiliated institutes, international collaborations and BET (CE) program. Matters related to roadmap for future joint collaboration steps for construction technologies development were discussed. After the briefing, the team visited university's civil engineering labs, library and skills development department. Later, the team visited Construction Technology and Training Institute (CTTI), Askari Institute of Technology (AIT) Rawat and Applied Technologies Institute of NLC (ATIN) Manddra.



Interviews for Final Selection of Shortlisted Candidates for Technical Intern Training Program (TITP) Japan

Islamabad - 29-30 Mar 2022

Government of Pakistan has nominated NUTECH as “Sending Organization” for TITP Japan. For this purpose, online registration opened through which thousands of applications were received by NUTECH. After completion of successful online registration process, approximately 150 individuals were interviewed on 29-30 March 2022 at NUTECH for this program. Individuals were interviewed for different skills category as demanded by Japan Government includes Care Workers, Automobile Repair & Maintenance, Excavating Works, Livestock & Agriculture and Fishery. NUTECH is putting forward its earnest efforts in collaboration with Government and plans to send the first batch of youth to Japan for this program in the later half of this year, Insha’Allah.



NUTECH Sports Gala 2022

Islamabad – 29- 1 April 2022

Sports are an imperative part of the campus life at NUTECH as they make a significant contribution to the all-round harmonious development of the students. NUTECH Sports Department has organized colorful sports gala from 29 March-1 April 2022 at the campus. This three-day sports gala was aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit. Director General NORIIC AVM Asif Maqsood inaugurated the event. The students, faculty members and support staff attended the sport gala inauguration ceremony. Students participated enthusiastically in various games like athletics, badminton, basketball, cricket, futsal, long tennis, snoker, table tennis, tug of war and volleyball. Rector NUTECH Lt Gen (R) Khalid Asghar graced the occasion as chief guest. He witnessed the basketball match at the event along with Pro Rector Maj Gen Khalid Javed and all directors. At the end, the chief guest distributed prizes among the winners of the games. Civil department students are the winners of NUTECH sports gala 2022. The ceremony concluded with the trophy hold by HOD Civil Department with their winning stars.



Institutional Performance Evaluation (IPE) Panel Visits

Islamabad – 29-31 Mar 2022

National University of Technology (NUTECH) conducted its Second Self Institutional Performance Evaluation (IPE) on 29 - 31 Mar 2022 as per the annual targets given by Higher Education Commission Quality Assurance Agency (HEC QAA). IPE panel comprised of one External Reviewer, Prof. Dr. Ali Sajid, TI, Director Lahore School of Management and three Internal Reviewers including Brig Taimur Baig (Director NUQAD), Lt Col Dr. Nauman Razzak (HOD Electrical Department) and Dr. Muhammad Rashid (HOD Computer Science Department). Prof. Dr. Ali Sajid was received warmly at NUTECH. A detailed briefing on NUTECH was given by Registrar Brig Dr. Syed Adnan Qasim. He was taken for a visit of the university by Brig Dr Muhammad Almas Anjum. Later, IPE panel led by Prof. Dr. Ali Sajid (TI) undertook detailed review/ assessment of various offices and departments. Necessary details pertaining to management, HR, academic programs, accreditation, infrastructure and facilities available to students were shared with the panel by respective Directors and HODs. Quality improvement aspects of ongoing undergraduate programs (Mechanical, Civil, Electrical, Computer Engineering and Computer Science) were deliberated in detail. IPE panel also interacted with the faculty and students. External reviewer greatly appreciated the commitment of NUTECH senior management. He was highly satisfied with the functioning of different organs of NUTECH academic system. He highlighted importance of the teacher's role towards personality development of the students and urged upon all stakeholders to work for further improvement and strengthening of the university academic and support systems.



NUTECH First Spring Gala 2022

Islamabad – 30 - 1 April 2022

NUTECH Dean of Students Life (DSL) Department organized three-day Spring Gala from 31 March - 1 April 2022. This colorful festival not only aimed to bring forward students' teamwork and leadership qualities but also gave them an opportunity to showcase their creative side. On the first day, students participated in arts exhibition where their artwork and creative paintings were displayed. On the spot, sketch competition and games like Minute to Win It, Ludo, Chess etc. were part of the gala. Second day comprised of Bazm-e-Adab, Bait Baazi and motivational talks. Open mic café was also part of the gala on the second day where students displayed their talent through various creative performances on stage. On the third & last day of the event, students setup different cultural stalls, showcasing their cultural dresses and various touristic sites. These cultural stalls beautifully displayed the rich culture of Pakistan. The students enjoyed delicious food, which were available on different food stalls at the gala. Chief Guest of the day, Rector NUTECH Lt Gen (R) Khalid Asghar, alongwith Pro-Rector Maj Gen Khalid Javed witnessed the different stalls of the students and appreciated the hardwork. At the end, Rector congratulated the organizers for making this event special and creative. The spring gala 2022 ended with prize distribution ceremony.



ABS System Handover Ceremony at NUTECH

Islamabad - 31 Mar 2022

NUTECH has organized Advanced Ballistic Calculating System (ABS) handover ceremony to Army at the campus. NUTECH has achieved this innovative product through the hardwork of R & D team working at NUTECH Innovation Center (NIC). IGT&E Lt Gen Syed Muhammad Adnan, HI(M) graced the occasion as Chief Guest. At the ceremony, Lt Col Junaid Aftab, TI (ABS team lead) apprised the audience about development process of ABS. The audience was also briefed about in-house testing, field-testing and impact of ABS system on operational preparedness of Pak Army. At the occasion. IGT&E Lt Gen Syed Muhammad Adnan thanked Rector NUTECH Lt Gen (R) Khalid Asghar and Pro-Rector Maj Gen Khalid Javed along with the development team for completing the project in a befitting manner. Rector Lt Gen (R) Khalid Asghar emphasized upon the fact that NUTECH is committed to its vision to promote, develop and implement indigenous technologies for industry and the military. The successful completion of the project and delivery to Pakistan Army is the first step in this regard.

This ballistic calculator has been conceived to reduce computational workload of military personnel during operations by automatically providing correct required firing solutions during changing ambient conditions and in the heat of the battle.

The ceremony was attended by high officials from GHQ, IGT&E branch and members of BOG alongwith NUTECH students, faculty and support staff.



NUTECH Undergraduate Students Achievement “Painting and Short Documentary Making” Contest

Directorate of Electronic Media and Publications organized a painting and a short documentary-making contest as part of Pakistan Day Celebrations based on three themes 1) The scenic beauty of Islamabad, 2) Pakistan Resolution, and 3) Diversity and National Cohesion in Pakistan. Students of all Islamabad-based HEIs were invited to participate in the said event. Despite the ongoing ESEs of NUTECH students, UG students were encouraged to participate in the contest. Two students, Mohammad Kamran Khan (ME 19) and Bushra Saeed (ME 19) participated in the painting contest. Two paintings by Muhammad Kamran Khan and one by Bushra Saeed were submitted by the DSL office to the organizing Directorate. The exhibition was held on 21st March at Aiwan-e-Quaid Fatima Jinnah Park F-9 Islamabad. The event was graced by Mr. Fawad Chaudhry (Federal Minister for Information and Broadcasting) as Chief Guest. Hundreds of paintings were part of the competition.

NUTECH as always shined again. NUTECH students won accolades at the event and Mohammad Kamran Khan secured 1st position in the painting contest. He was awarded Rs. 5000/- cash prize and an appreciation Certificate while Bushra Saeed received a participation certificate.

“Robotics & Projects Exhibition” Competition at GIKI

National Electronics Olympiad (NEO22) organized a two-day event in GIKI University, from March 19 to 20, 2022. The event was categorized into 14 different Robotics & Projects Exhibition modules. Engineering

Students from different renowned universities of Pakistan participated in this event. Few mentionable include NUST, University of Punjab Lahore, FAST-NU Islamabad, Air University Islamabad, UET Peshawar, etc.

Students of the Computer Engineering and Electrical Engineering departments participated in a few modules and were declared winners in four modules and runners-up in four modules as well.

Winners		Runner-Up	
Projects	Participants	Projects	Participants
Project Exhibition	Sami ud Din	Figure 8 Race	Afaq Ayub
	Asad Ali		Nabeel Ali
	Samia Bukhari		Azlaan Naveed
	Samra Riaz	Robomaze	Ali Hamza
Roborace	Abdul Basit		Fahar Qureshi
	Hamza Arshad	Project Exhibition	Fahad Tariq
Power Scape	Muhammad Tabish		Muhammad Kawish
	Asad Ullah Tariq	Roborace	Nawazish Jaha
	Awais Majeed		Fahad Tariq
PCB Design	Awais Ahmed	PCB Design	Fawad Ali
	Asad Ullah		Waqar

Iftaar Dastarkhwaan Organized at NUTECH

Islamabad - 15 April 2022

In a holy month of Ramadan, NUTECH Community Club Students under the supervision of Dean of Students Life (DSL) organized an “Iftaar Dastarkhwaan” in the university premises for the public on 15 April 2022. The students together came forward and helped in preparing and distributing Iftaar to the surrounding people at the time of Iftaar. Students distributed approximately 300 Iftaar meals at the Iftaar time.



Industrial Creative Activity Term (ICAT) 2022 Ceremony

Islamabad - 25 April 2022

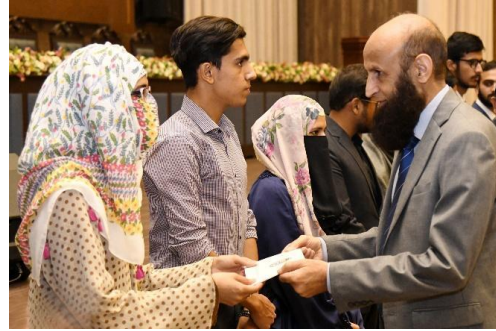
NUTECH third Industrial Creative Activity Term (ICAT) week planned during semester break was successfully completed on April 2022. It was a four-week activity period during which students were encouraged to set their own educational agendas, pursue independent projects and interact with faculty. All members of the NUTECH community including faculty were free to introduce innovative educational experiments as ICAT activities with the aim at sharing a particular talent, expertise or interest with others at the university. Rector NUTECH Lt Gen (Retd) Khalid Asghar, Pro-Rector Major Gen Khalid Javed and DG NORIIC AVM Asif Maqsood visited different projects stalls and interacted with the students.



Merit Scholarship Ceremony

Islamabad - 25 April 2022

Students merit based scholarship award ceremony for Fall Semester 2021, was held at NUTECH on 25 April 2022. It was the sixth merit based scholarship ceremony in which 103 students (Batch 18, 19, 20 & 21) from Six Engineering Programs received the scholarship award. Rector NUTECH, Lt Gen (R) Khalid Asghar distributed scholarship certificates to the successful students and congratulated them on their excellent academic results. NUTECH offers merit based scholarships on semester basis at the end of every semester to high achievers who are exhibiting strong academic performance.



MAEMAAR Scholarship Inauguration

Islamabad - 17 May 2022

NUTECH caters for education needs of all segment of our national youth. Rector NUTECH, Lt Gen Khalid Asghar (Retd) has always extended help to needy students of the university. On the eve of his retirement, he has envisioned and desired to create a futuristic “MAEMAAR” as NUTECH Scholar for Talented Identification and Promotion (NUSTIP). To achieve this, Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated “MAEMAAR Scholarship” on 17 May 2022. This scholarship program envisions to incentives the exceptionally talented but most needy students of NUTECH at all level of education, applied R & D and entrepreneurship so as to enable them to become future industrial leaders, highly skilled workers and productive members of the society.



NIMS Inauguration at NUTECH

Islamabad - 17 May 2022

Rector NUTECH, Lt Gen Khalid Asghar (Retd) inaugurated NUTECH Information Management System (NIMS) on 17 May 2022. NUTECH is spreading its horizons to provide the best IT services to its students and faculty. To achieve this target, NUTECH acquired Campus Management System (CMS) & Enterprise Resource Planning (ERP) collectively called NUTECH Information Management System (NIMS), which is based on open source Odoo platform to automate its business processes. NIMS is based on modular architecture to handle all students and faculty activities aspects/work flow for efficient and effective working.



NUTECH Family Say Good Bye to his Rector NUTECH Lt Gen Khalid Asghar (Retd)

Islamabad - 17 May 2022

Rector NUTECH Lt Gen Khalid Asghar (Retd) has successfully completed its 4 years journey at NUTECH. He started its journey by seeing the dream of NUTECH to bridge the gap between academia and industry by producing such individuals, which not only create, innovate and implement technologies but also find the solutions for industry problems. To pay the tribute to honorable Rector NUTECH, Lt Gen Khalid Asghar (Retd), Farwell Ceremony was arranged at National University of Technology (NUTECH) on 17 May 2022. During the Farwell e vents, Rector NUTECH interacted with staff, faculty and students. The Rector, in his final address, reassured that NUTECH is on the right track towards its progress and appreciated the efforts of faculty and staff in the rapid growth of the NUTECH.



NUTECH First Magazine Launch Ceremony

Islamabad - 17 May 2022

The launch ceremony of NUTECH First Magazine was held on 17 May 2022. Rector NUTECH Lt Gen Khalid Asghar (Retd) graced the occasion as Chief Guest. NUTECH achieved another milestone through successful production of its first magazine, which includes different segments ranging from initial stages of university development, undergraduate and skills education system, academia industry linkages, latest developments in university for preparing future industry leaders, ventilator development, cooperative engineering technology program and NUTECH main campus development etc. As Chief Guest, Rector NUTECH Lt Gen Khalid Asghar (Retd) appreciated the hardwork of editorial board for developing NUTECH first ever magazine in such a short time. The inauguration ceremony ended with certificate distribution to all authors and editorial board members as acknowledgement of their contributions.



World No Tobacco Day/International Drugs Abuse Day

Islamabad - 3 June 2022

WORLD NO TOBACCO DAY is observed on 31 May each year to raise awareness about the ill effects caused by tobacco. Tobacco consumption kills over 80 lakh people across the world every year. Besides the human loss, consuming tobacco also causes deterioration of environment. In the same backdrop, Office of Dean of Students Life (DSL) arranged an awareness program to mark the occasion of “World No Tobacco Day/International Drugs Abuse Day” on 3 June 2022 at NUTECH. The main aim of this event was to raise the awareness among students about the health risks caused by the use of tobacco and its impact on environment. The event was attended by students, faculty and support staff. Guest Speaker Dr. Mazhar Iqbal Bhatt, Assistant Professor of International Islamic University, briefed the audience about increasing tobacco consumption among youth and its ill effects on human health. This useful session was ended with student’s question answer session.



RCCI Artificial Intelligence Conference 2022

Islamabad - 3 & 4 June 2022

Rawalpindi Chamber of Commerce & Industry (RCCI) organized a two-days Artificial Intelligence Conference from 3-4 June 2022 at PC Hotel, Rawalpindi, in which renowned IT companies and institutions from across the country exhibited their products. National University of Technology (NUTECH) delegation under the supervision of DG NORIIC AVM Asif Maqsood, took active part in the exhibition. NUTECH presented its Stall in the Expo in which university products like NUTECH Ventilator (NuVent), Advanced Ballistic Calculating System (ABS), 3D Printer (NUPrint), Distributed Wind Director System etc. were displayed. Besides these University Research Projects exhibition, information regarding university admissions was also provided at the Stall. Audience actively visited NUTECH Stall and praised the efforts of NUTECH and achievements in such a short span of time. Panel discussion was also an imperative part of the conference. Dr. Sultan Daud Khan Assistant Professor from NUTECH also took part in panel discussion and gave his useful insights on "Industrial Automation Technology for Emerging Pakistan". Other topics included in the panel discussions were related to artificial intelligence, automation, robotics and industry academia linkages.

Various companies and institutes from across Pakistan exhibited their products in this exhibition whose purpose was to highlight the modern trends such as artificial intelligence. Besides various commercial enterprises, 03 universities i.e. NUTECH, IST and TMUC had setup their stalls showcasing their respective achievements. NUTECH as the youngest among the other universities in the Expo, received great appreciation from the public. During this activity, the contacts established with various industrial/commercial entities by NORIIC team will greatly facilitate NUTECH's future engagements with industry in terms of collaborative ventures and students' job placements.



Visit of Professional Engineering Body (PEB) under POEC Act & PDE Bye-Laws 2008 NUTECH

Islamabad - 14 June 2022

Earlier in this year, PEC team conducted two-day accreditation visit and found the university faculty, staff, labs and infrastructure requirements according to the criteria. They commended the university policies, documentations and the institution's performance. To extend this, Engineering Professional Development Committee (EPDC) under PEC has decided to conduct a visit to NUTECH for Registration as Professional Engineering Body (PEB) with them. The delegation comprising of Eng Dr. Ijaz Bashir, Member RCPEB and Eng. Khadim Hussain, Senior Assistant Registrar PEC HQ visited NUTECH on 14 June 2022. They were briefed about university's mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Later, the delegation visited labs, classrooms, library and interacted with faculty. During the visit, HOD's of departments briefed the team about their department structure, education methodology and faculty hardwork towards achievement of quality education under the guidelines of PEC and HEC.



Visit of Pakistan Institute of Development Economics (PIDE) Delegation

Islamabad – 14-15 June 2022

HESSA tends to conduct a study to develop a deeper understanding of the current landscape of students' affairs services at 15 Higher Education Institutes in Pakistan. For this purpose, they selected Pakistan Institute of Development Economics Development (PIDE) to conduct this survey study. A delegation from PIDE visited NUTECH on 14-15 June 2022. In this two-day visit, PIDE team interact with different offices and its management, which includes Dean of Student Life (DSL), Exam Office, NORIIC Office and NUQAD Office. Discussion related to student's affairs, financial aid to students (scholarship) and student's placement mechanism in different industries were discussed. The team also conducted interactive session with students.



Askari & Fauji Cement Company Limited (AFCCCL) Delegation Visits NUTECH

Islamabad - 15 June 2022

NUTECH as its pursuit to “University for Industry” engaged Fauji Cement Company Limited (FCCL) in year 2018. To develop comprehensive mechanism for strengthening long-term relationship with each other on sustainable basis at intellectual, academic and research level, an AFCCCL team comprising of Project Director DG Khan, Mr. Muhammad Tariq and Dir HR AFCCCL, Brig (R) Abdul Jabbar along with high officials visited NUTECH on 15 June 2022. They were briefed about university’s mission, vision, innovative education system, future hi-skills programs and collaborations with national and international industries. Matters related to collaboration on different projects like Renewable Energy, Low Cost Energy Efficient Hoses Designing, Horticulture Projects, Rainwater Accumulation etc. for DG Khan community were discussed. AFCCCL delegation shown keen interest in working with NUTECH Management and Faculty on different innovative projects to support the welfare of the community present in DG Khan and surrounding areas. This action plan will enable the faculty to carry out R&D projects, innovate new technology projects for them and enhance productivity of AFCCCL.



Recreational Trip Bhurban / Cleaning Drive

Islamabad – 25 June 2022

A two-day recreational trip to Chinar Golf Club Bhurban was arranged by DSL Office on 24th & 25th June 2022. A total of 416 x students, 39 x faculty members, 48 x family members, and 37 x support staff went on these trips. NUTECH provided all the facilities including transport, food, and security to ensure that they enjoy their day. Students, faculty and support staff enjoyed playing golf and hiking on Pine Wood Trail. Cleaning Drive was also held in the suburbs of Bhurban by the students of NUTECH Green Youth Movement Club. The students, faculty, and support staff really appreciated the efforts of the DSL Office and NUTECH for organizing a wonderful trip for them.



Establishment of NUTECH Karachi Campus (NKC)

Islamabad - 1 July 2022

An MoU for the establishment of NUTECH Karachi Campus (NKC) as an exports enhancement project of Karachi Chamber of Commerce & Industry (KCCI) was signed between NUTECH and Airport Security Force Foundation (ASFF) on 1 July 2022. According to the MoU, ASFF will provide 50 Acres of land to NUTECH for world-class R&D for the industry to create, develop, implement and promote emerging technologies and allied skills for imports substitution, technology upgradation, value-addition and exports enhancement. The MoU was signed in an impressive ceremony hosted by ASFF at a local hotel in Karachi. The event was attended by Pro-Rector, Registrar and A/Director P&D from NUTECH apart from more than 50 leading industrialists and exporter of Karachi as well as some leading figures of academia. DG ASF and MD ASFF Maj Gen Abid Latif Khan thanked the leadership of NUTECH and industry for initiating such visionary project of great national significance. He assured NUTECH and national industry of complete support of ASFF for making NKC a successful project of ASF city in future.



Open House & Job Fair 2022 at NUTECH

Islamabad - 30 Aug 2022

National University of Technology (NUTECH) held its first ever “Open Hose and Job Fair” on 30 August, 2022 to connect graduating students with employers from leading industries across Pakistan. The Job Fair hosted 40 companies representing Corporate, Engineering, Finance, IT, Banking, and social Sectors.

Chairman Pakistan Engineering Council (PEC) Engr. Muhammad Najeeb Haroon graced the occasion as Chief Guest. Besides, a number of dignitaries from Armed Forces and Industry also attended the event. DG NORIC, Air Vice Marshal Asif Maqsood, SI(M) in his opening note welcomed the guests and presented a brief overview of NUTECH. Rector NUTECH,

Lt Gen (R) Moazzam Ejaz, HI(M) in his address congratulated the graduating students and highlighted the importance of industry-academia linkage in strengthening national economy. He also emphasized the need of augmenting local industry through competent and skilled work force and its contribution to develop knowledge-economy. Chairman PEC in his address appreciated the achievements of NUTECH in establishing itself in the fields of Engineering and Technology. He highlighted the importance of proficient human resource and its positive impact both at national and international arenas. Afterwards, the Chief Guest along with dignitaries witnessed the students’ capstone projects and also interacted with the industry CEOs and university faculty members.

The event served as an opportunity for all NUTECH students to interact with potential employers and become aware of prerequisites for joining the corporate sector. It also provided a platform to prospective employers and leaders in business and Industry to select fresh graduates for employment in their organizations.



NUTECH Flood Relief Camp

Islamabad - 5 Sep till 9 Sep 2022

In the wake of heavy floods that have caused havoc across many parts of Pakistan, hundreds of people have died and millions rendered homeless due to torrential rains and heavy floods. To support this National cause, NUTECH Community Service Club under the supervision of Dean of Student Life office organized a Flood Relief Camp from 5 Sep-9 Sep 2022 at NUTECH. During this week students, faculty, support staff and all NUTECH Family stepped forward and generously contributed to help their Pakistani brothers and sisters in these difficult times. NUTECH Family made donations in form of cash, food items, medicines, hygiene items, clothes and kitchen utensils



Workshop on Intellectual Property (IP) Rights

Islamabad - 9 Sep 2022

NORIC organized a Workshop titled “Intellectual Property Rights – Techno-legal Aspects of Patent Filing Process” on 09 Sep 2022 at NUTECH. Faculty members from all departments and members of Dean of Research Office attended this useful Workshop. Mr. Ghulam Mujtaba Kamal, Assistant Controller of Patents from Intellectual Property Organization (IPO), Pakistan was the guest speaker. Workshop was comprised of two sessions in which first session was based on General Introduction of Intellectual Property Rights (IPRs), while the second session was focused on Patent System and Patent Filing Process. At the end, Director NORIC thanked the guest speaker for sharing his valuable knowledge and enlightening the participants with the IPR and its intricacies.



Graduation Ceremony NIVAT Students

Islamabad - 14 Sep 2022

NUTECH Skills Development Department (NSDD) achieved another milestone. Graduation Ceremony of NIVATS students was held at NUTECH on 14 Sep 2022 for the Third Batch of Computer Graphic (Motion) and First Batch of Fashion Designing and Machine Embroidery students. In this regard, at the opening remarks, Director NSDD apprised the audience about the journey of these successful students and their job employment after completing the course. The Chief Guest, Lt Gen Moazzam Ejaz (Retd), HI (M), congratulated the students and appreciated the hardwork of NSDD team in enhancing the student's skills. At the end, Rector NUTECH and Pro-Rector, Maj Gen Khalid Javed, distributed certificates to successful students. On this occasion, Principal NIVATS Miss Sadiya, faculty members alongwith students and their parents were also present. The ceremony concluded with the group photo of shining graduating students.



Cadet College Wana Delegation Visits NUTECH

Islamabad - 5 Oct 2022

A delegation comprising cadets and faculty members from Cadet College Wana, led by the Director of Studies, visited NUTECH on 5 Oct 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid Manzoor briefed them about university's mission, vision, academic programs, innovative academics system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Eid Milad Nabi (S.A.W.) Celebrations at NUTECH

Islamabad - 11 Oct 2022

To commemorate the blessed birth of Prophet Muhammad S.A.W., a Milad was celebrated at the National University of Technology (NUTECH), Islamabad. Students and the University staff including faculty members and support staff participated in the event with great religious zeal and fervor. The participants paid rich tribute to the Holy Prophet S.A.W. through beautiful Naats and thought-provoking speeches highlighting the different aspects of the life of the Holy Prophet S.A.W. The event was concluded with a special talk on the morals given and taught by the Holy Prophet S.A.W. in line with this year's theme for Milad as suggested by the Ministry of Religious Affairs & Interfaith Harmony.



Workshop on Medical Image Processing at NUTECH

Islamabad - 12 Oct 2022

A workshop on Medical Image Processing and its application to early detection of infectious diseases such as breast cancer, hepatocellular carcinoma (HCC) was organized on 12 Oct 2022 under the auspices of Computer Science department, National University of Technology. Dr Gloria Taliani Full Professor of Infectious Diseases, Sapienza University Rome graced the occasion and delivered a talk on detection of HCC. Dr Taliani is a distinguished expert in the field of infectious diseases with enormous research contribution to the field. Her main research interest include Epidemiology, Pathogenesis and Therapy of viral hepatitis, Pathogenesis and Therapy of bacterial infections.

During her visit, she held meetings with the senior management of NUTECH. Subjects of mutual cooperation such as joint research in the field of liver diseases and liver failure, biomedical signal processing for detection of cardiac diseases using machine learning/AI models, faculty and students exchange program between NUTECH and University of Rome were discussed. Dr Taliani also held discussion with the senior faculty members to identify areas of mutual collaboration, research and development and way forward for future collaboration was identified.



PEC Excellence Award 2022

Islamabad - 19 Oct 2022

National University of Technology (NUTECH) is proud to share that Pakistan Engineering Council (PEC) has awarded PEC Excellence Award (Lifetime Achievement) to Rector NUTECH Lt Gen Moazzam Ejaz (R), HI (M) and FOUNDING RECTOR NUTECH Lt Gen Khalid Asghar (R), HI (M) in recognition of his extraordinary contribution and services to the engineering profession. The award has been conferred upon the outperforming engineers in the country as well as expatriates who have contributed to the socio-economic development of Pakistan. PEC Excellence Award objective is to recognize the outstanding services and worthy achievements of eminent Pakistani Engineers who have made notable impact in national interest and contributed significantly to the country's social and economic development.

In this regard, The PEC Excellence Award Ceremony was held at Aiwan-e-Sadar, Islamabad on 18 Oct 2022. President of Pakistan Dr. Arif Alvi has honored Rector National University of Technology (NUTECH) Lt Gen Moazzam Ejaz (R), HI (M) with PEC Excellence Award (Lifetime Achievement). The subject award conferred to FOUNDING RECTOR of NUTECH, Lt Gen Khalid Asghar (R), HI (M), however, due to his personal commitments his award will be presented afterwards by Chairman PEC. NUTECH Family extend heartiest congratulations to FOUNDING RECTOR NUTECH Lt Gen Khalid Asghar (R), HI (M) and present Rector Lt Gen Moazzam Ejaz (R), HI (M) and pray that they will keep on achieving such splendid milestones in the future as well.



HESSA Delegation Visits NUTECH

Higher Education System Strengthening Activity (HESSA) is a project of University of Utah (UU) supported by USAID. It aims at capacity building of 16 selected HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs.

NUTECH is honoured to be a part of the HESSA program as one of the 16 selected HEIs. Members of the HESSA project team including Mike Barber (Project Director), Cheri Daily (Project Manager), Aslam Chaudhry (Chief of Party), Ayesha Razzaque (Deputy Chief of Party), Susan Carvalho and Gwendolyn Schaefer visited NUTECH. The HESSA team had a detailed meeting with Rector NUTECH Lt Gen (R) Moazzam Ejaz, HI(M), Pro- Rector Maj Gen Khalid Javed and DG NORIC Air Vice Marshal Asif Maqsood, SI(M) along with other officers and faculty members from NUTECH. Faculty members who had undergone various trainings organized under the HESSA project shared their experiences and praised the HESSA team for their efforts. Registrar Dr Adnan Qasim briefed the visiting HESSA team about NUTECH. Dean of University Dr Muhammad Almas Anjum lead the discussion on NUTECH's participation in HESSA project and briefed the visiting team about NUTECH's strategic initiatives and expectations from the HESSA project.



Inter-Batch Sports Matches at NUTECH

Islamabad – 9 Dec 2022

Sports are an integral part of the campus life at NUTECH as they make a significant contribution to the all-around harmonious development of the students. NUTECH conducted its Inter-Batch Sports Matches at the NUTECH sports ground on 9 Dec 2022 under the supervision NUTECH sports department. Students actively participated in different games including Badminton, Basketball, Cricket, Futsal, Snooker, Table Tennis and Volleyball. Director Finance Brig Ahmed Bilal Janjua, (Retd) graced the occasion as a chief guest and distributed prizes among the winners. This sports competition aimed to let the students discover their strengths through sports and learn important life skills such as teamwork and sportsmen spirit.



Visit of President International Tunneling Association

Islamabad – 9 Dec 2022

President of International Tunneling Association Professor Arnold Dix visited NUTECH on 9 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry. He appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. Professor Arnold Dix also interacted and deliver a talk to students and faculty.



Chairman National Disaster Management Authority (NDMA) Visits NUTECH

Islamabad - 22 Nov 2022

Chairman National Disaster Management Authority (NDMA), Lieutenant General Inaam Haider Malik, HI (M), visited NUTECH on 22 Nov 2022 with the aim to establish a long-term partnership and explore avenues of collaboration with NUTECH. He was briefed about the university's mission, vision, innovative education system, future academic programs, collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". Matters related to future collaborations with the NDMA were discussed. Chairman National Disaster Management Authority (NDMA) appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs.



Allama Iqbal Day Celebrations at NUTECH

Islamabad - 24 Nov 2022

Allama Iqbal day was celebrated at the National University of Technology with national zeal and fervour to pay homage to Dr. Allama Muhammad Iqbal on 24 Nov 2022. The students enthusiastically participated in the event to pay tribute to the "Poet of the East". The event commenced with the recitation of the Holy Quran followed by Iqbal's poetry and speeches on Iqbal's life. DG Skills Maj Gen Raza was the chief guest. The event was aimed at creating awareness amongst our young generation about the role and services of Allama Iqbal for Muslims of the sub-continent in getting a separate homeland. In the end, the Dean of Student Life and the Director NSDD distributed certificates among the participants.



Ex-Chairman NDMA & Ex-Chairman DG FWO Visits NUTECH

Islamabad - 25 Nov 2022

Lt Gen Muhammad Afzal (R) Ex-Chairman NDMA & Ex-DG FWO visited NUTECH on 25 Nov 2022. Rector NUTECH welcomed the honorable guest. He was briefed about the vision and mission of NUTECH. Rector highlighted the needs of our industry and explained, to the honorable guest, a roadmap of how NUTECH aims to fulfill these needs. After the briefing, the honorable guest accompanied by Rector visited NUTECH labs, library and classrooms. During the visit of NIC, he showed special interest in NuVent and 3D printer with a view of the commercialization of these projects. While interacting with NUTECH faculty and support staff, Lt Gen Muhammad Afzal advised on developing a culture of entrepreneurship among the students by creating useful platforms in the university. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as business development, logistics & financing. He also assured the endowment of facilitation with assistance and support whenever needed by the university in different projects like Incubation Center and Technology Park etc. The useful interaction ended with a question & answer session. In the end, Rector presented a souvenir to Lt Gen Muhammad Afzal as a memento of his visit to NUTECH.



Guest Speaker at NSDD for Fashion Designing and Embroidery Course

Islamabad - 25 Nov 2022

M. Akash Kashif was invited a Guest Speaker at NSDD on 25 Nov, 22. He is an Alumni of NUTECH NSDD and presently, running his own business as an Entrepreneur after completion of course at NUTECH. He has his own brand and is the CEO/Director of a Boutique in Rabi Centre, Islamabad. The lecture was very motivational for the students as he is a self-built person and has established his own business after doing certification from NUTECH.



Seminar on “Leadership for Academic Quality”

Islamabad - 29 Nov 2022

A seminar on “Leadership for Academic Quality” was organized on 29 Nov 2022 under the auspices of Quality Assurance Department, National University of Technology. Dr Kamran Moosa graced the seminar as guest speaker. He is an experienced Academician & Professor, International Trainer & Consultant, Author & Advisor to National Institutions in the field of Quality Engineering & Management. He has authored 04 books published in Pakistan and a chapter for a book published in Japan. He has many research papers published and presented in national/international conference proceedings. Seminar was attended by all faculty members and support staff of NUTECH and facility for online link via MS Team was also established for QECs of other National HEIs. Seminar covered following main areas (1) Conceptual overview of Quality Management and building a better Vision of academic organizations for improvement (2) Critically analyze different successful Quality approaches and Management Structure from strategic point of views (3) Find out Critical Success Factors in the implementation of these programs (4) Bloom’s Taxonomy and Outcome Based Education (5) Leadership Aspects for Quality in Academic Institutions. After the Seminar, the honorable guest speaker accompanied by Director NUQAD visited NSDD, library and NUTECH Labs. He gave insights on emerging & future hard-core technologies usage with a focus on strategies such as Academic Development, Quality Standardization & Research Projects. In the end, Rector presented a souvenir to Dr Kamran Moosa as a memento of his visit to NUTECH.



NUTECH Participated in International Summit Higher Education & Workforce Development in the 21st Century

Islamabad - 2 Dec 2022

Higher Education System Strengthening Activity (HESSA) recently organized an International Summit on Higher Education and Workforce Development in the 21st Century from 30 November to 2 December 2022 in Islamabad with the objective of bringing together leaders and decision makers from universities, industry, and government to invigorate the higher education agenda and rethink the role of higher education in the 21st century.

Rector NUTECH Lt Gen (R) Moazzam Ejaz along with DG NORIC Air Vice Marshal Asif Maqsood, SI(M), Dean of University Brig Dr Muhammad Almas Anjum and faculty members attended the summit.

HESSA is a project of University of Utah (UU) supported by USAID. It aims at capacity building of fifteen select HEIs of Pakistan in terms of leadership development, strategic planning, faculty development, curricula reform and modernization, research management and creation of students' support structure in the HEIs. NUTECH is honoured to be a part of the HESSA program as one of the 16 selected HEIs.



Seminar on “Become Your Own Boss - Entrepreneurship Journey & Freelancing”

Islamabad – 5 Dec 2022

NORIC organized a seminar titled “Become Your Own Boss - Entrepreneurship Journey & Freelancing” on 05 Dec 2022 in Auditorium. Mr. Kashif M. Khan, Managing Director, Global Entrepreneurship Network Pakistan and Mr. Ahmed Ayaz Noor, CEO/Founder of Wolfiz Technologies were the guest speakers for the event. Mr. Kashif Khan highlighted the importance of **Communication and Interpersonal Skills** in professional life and gave pertinent suggestions to enhance these skills. Mr. Ahmed Ayaz Noor along with his team emphasized the importance of entrepreneurship and suggested the roadmap to becoming a successful freelancer narrating numerous success stories. The seminar was broadcasted on video link for the public as well. Event was concluded by Air Commodore Farooq Umer Director NORIC who thanked all the participants and presented souvenirs to the guest speakers.



NUTECH Participation in HESSA VCs Meeting at IBA

Islamabad – 7-8 Dec 2022

Institute of Business Administration (IBA), a partner university of the Higher Education System Strengthening Activity (HESSA) project supported by USAID, organized a one-day HESSA training discussion session at its main campus in Karachi. Rector National University of Technology (NUTECH) Lt Gen (R) Moazzam Ejaz along with fifteen VCs of all HESSA Partner Universities participated wherein future HESSA interventions were discussed. The participants were taken on an IBA campus visit and were guided in developing their vision for long-term sustainability, faculty improvement and student success.



Cadet College PISHIN Delegation Visits NUTECH

Islamabad – 9 Dec 2022

A delegation comprising cadets and faculty members from Cadet College PISHIN visited NUTECH on 9 Dec 2022. Rector NUTECH Lt Gen (R) Moazzam Ejaz interacted with the cadets and motivated them to join NUTECH in the future for undergraduate and skills programs. Dir Admission Brig Muhammad Shahid briefed them about the university's mission, vision, academic programs, innovative academic system and international collaborations. After the briefing, students visited the NUTECH campus, classrooms and labs. During the visit, students' questions were answered and they got the opportunity to interact with the NUTECH faculty. Students appreciated the infrastructure of the university and showed keen interest to join NUTECH in the future.



Workshop on Google Developer Student Club (GDSC) and Microsoft Learns Student Ambassador (MLSA)

Islamabad - 12 Dec 2022

Students of the Department of Computer Science organized a workshop on Google developer student club (GDSC) and Microsoft learns student ambassador (MLSA) on December 12, 2022, with the objective of engaging NUTECH students with new technologies, familiarizing them with a range of technical topics, and gaining new skills through a hands-on workshop and project-building activities online and in person. Apply new learnings to build great solutions for local problems and advance their skills, career, and networks. The workshop was attended by faculty members and students from different departments. MLSA is one of the eminent initiatives taken by Microsoft. It aims at capacity building and working with students all around the world to polish their leadership as well as technology-related skills. Department of Computer Science students aims to help fellow students build their coding skills online with Microsoft Learn, organizing a virtual hackathon to solve real-world challenges.



DG ASF Visit NUTECH

Islamabad - 13 Dec 2022

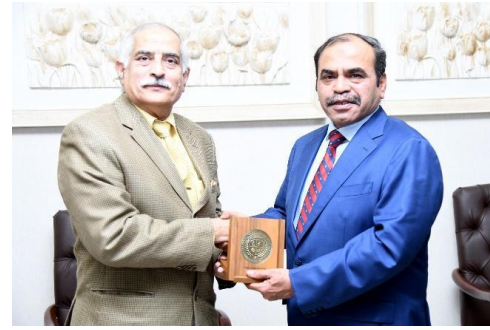
Director General Airport Security Force (ASF) visited NUTECH on 13 Dec 2022. He was briefed about the university's mission, vision, innovative education system, future academic programs, and collaborations with national & international industries and provided updates on progress towards establishing NUTECH as a "University for Industry". DG ASF appreciated the university's concept and its vision to nurture future generations to fulfill industrial needs. He showed an ardent interest in future alliances with NUTECH. Later, DG ASF visited the NUTECH campus and allied facilities of the campus.



Hashoo School of Hospitality Management Delegation Visits

Islamabad - 14 Dec 2022

A high-level delegation from Hashoo comprising AVM Ijaz and Director Brig Fiaz Qamar (Retd) visited NUTECH on 14 Dec 2022. The delegation was briefed about NUTECH's education methodology and collaborations with national & international industries. The delegation applauded the university's structure and vision to nurture future generations to fulfill industrial needs. They showed keen interest in future partnerships with NUTECH in the hospitality sector and joint ventures with entrepreneur initiatives. This future alliance will likely benefit students in the form of professional learning and training and entrepreneurship ventures with new opportunity platforms.



Breast Cancer Awareness Talk

Islamabad - 16 Dec 2022

To increase awareness of the prevention of breast cancer and its early diagnosis, NUTECH organized a Breast Awareness Talk on 16 Dec 2022. Dr. Tahira Sadiq as a guest speaker briefed the participants on cancer's growth process, risk factors, signs and symptoms, diagnostic, screening tools, and treatment options. She suggested lifestyle modification including daily exercise to help reduce the risk of breast cancer. She also demonstrated how to perform a self-examination every month so that the slightest change can be detected easily. This useful Breast Cancer Awareness Talk gave insight to female students on the benefits of early detection of and how to regularly self-examine for breast cancer. This useful awareness talk concluded with an interactive question & answer session.



Report Compiled by

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