



NUTECH NEWSLETTER

DECEMBER 2025 EDITION



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Students & Faculty Achievements



Academic Linkages



Seminar sessions



Campus Activities



Kernal Sher Khan Shaheed (Old IJP Road), Sector I-12, Islamabad.

ACHIEVEMENT

NUTECH CELEBRATES 4th CONVOCATION CEREMONY WITH DISTINGUISHED GUESTS



The National University of Technology (NUTECH) celebrated its 4th Convocation Ceremony at the University Campus, Islamabad, commemorating the academic achievements of its graduating students. The Federal Minister for Science and Technology, Mr. Khalid Hussain Magsi, graced the occasion as the Chief Guest, alongside other dignitaries and the families of the graduating students.

A total of 244 students were conferred BS and MS degrees, while exceptional achievers were honored with Gold and Silver Medals in recognition of their outstanding academic performance.

In his keynote address, Federal Minister Mr. Khalid Hussain Magsi congratulated the graduates and highlighted the vital role of technologically skilled youth in driving Pakistan's progress. He commended NUTECH for its commitment to high-quality, industry-focused education and encouraged students to contribute meaningfully towards nation's scientific and technological advancement.

NUTECH takes immense pride in the success of its graduates and remains dedicated to empowering youth with advanced knowledge, practical skills and values that enable them to excel in their careers and positively impact society.

HIGHLIGHTS OF NUTECH 4th CONVOCATION



ACADEMIC EXPANSION

NATIONAL UNIVERSITY OF TECHNOLOGY HOSTS OPENING CEREMONY OF TRAINING OF TRAINERS UNDER TEAM EUROPE'S TVET SECTOR SUPPORT

NUTECH hosted the opening ceremony of Team Europe's TVET Sector Support Programme's Training of Trainers, bringing together key partners including the European Union, GIZ, the British Council and NAVTTC. Rector of NUTECH in his welcome address underscored the University's commitment to advancing high-quality technical education and highlighted the importance of industry relevant training for Pakistan's future workforce. Guest of Honour, Mr. James Hampson, Country Director of the British Council, praised the programme's emphasis on advanced digital and technological skills supported. The training, running from 1st to 11th December 2025, covers Advanced Full Stack Development and Advanced Digital Marketing training.

Later, Mr. James Hampson, Country Director of the British Council visited the NUTECH campus and interacted with faculty and students. He observed the ongoing practical sessions and showed keen interest in the University's efforts to promote innovation and hands-on skill development.



IEEE FEST 2025 – A CELEBRATION OF ENGINEERING, TECHNOLOGY AND STUDENT EXCELLENCE



The IEEE Student Branch at the NUTECH, operating under the Electrical Engineering Department (EED), organized two days "NUTECH IEEE Fest 2025". The branch provides a dynamic platform for students to engage with the latest developments in engineering and technology, while creating opportunities for collaboration, learning, and professional growth.

The two days event featured five competitive categories: Hackathon, Circuit Designing, Idea Pitching, Technical Debate and Technical Quiz, aimed at enhancing innovation, technical expertise and creative problem-solving among students. A total of 71 teams participated in this event. The closing ceremony was graced by Dr. Noshawan Shoaib, Chair of the IEEE Islamabad Section, as the Chief Guest. The event concluded with certificates being awarded to the winners of each competition, recognizing their talent and achievements.

NUTECH SIGNS A MEMORANDUM OF UNDERSTANDING (MOU) WITH GREEN CRESCENT TRUST TO ENHANCE YOUTH SKILLS AND COMMUNITY EMPOWERMENT INITIATIVES

A delegation from Green Crescent Trust (GCT), led by its Chief Executive Officer, Mr. Zahid Saeed, visited NUTECH. The delegates were briefed on NUTECH's academic programs, applied research initiatives, industry-driven learning model, international partnerships, and ongoing industrial collaboration projects. During the interaction, the GCT team highlighted the successful completion of the jointly delivered a three month Professional Graphic Designer Course, a collaborative effort with NUTECH that has strengthened youth employability and contributed to digital skill enhancement. The delegation also shared updates on GCT's ongoing educational and community development initiatives across Sindh. Both institutions reaffirmed their commitment to expanding collaborative efforts aimed at advancing technical education and community empowerment.

The visit concluded with the signing of a Memorandum of Understanding (MoU), under which NUTECH will support GCT in designing, developing, and implementing targeted skills development programs for diverse learner groups.

The MoU further encompasses scaling up GCT's existing skill-building and community uplift initiatives, enhancing faculty and trainer capacity through specialized training, offering online courses for GCT students, and facilitating GCT's accreditation through the NUTECH Board of Technical and Professional Education.

This collaboration underscores NUTECH's dedication to strengthening Pakistan's technical education landscape through industry aligned, high-impact partnerships that broaden access to quality learning and skills development nationwide.



NUTECH SIGNS A MOU WITH FRANKLINCOVEY EDUCATION TO ENHANCE PROFESSIONAL DEVELOPMENT

NUTECH has signed a Memorandum of Understanding (MoU) with FranklinCovey Education to strengthen professional development and leadership capacity-building initiatives at the University. A five-member delegation from FranklinCovey Education, led by Mr. Fazal Niazi, Practice Lead, FranklinCovey Education for Pakistan, Türkiye, and Azerbaijan, visited NUTECH for the MoU signing ceremony. The collaboration aims to equip faculty, staff, and professionals with globally recognized leadership, productivity, and management competencies.

Under the MoU, FranklinCovey Education will conduct structured training programs at NUTECH focusing on internationally acclaimed frameworks, including The 7 Habits of Highly Effective People, The 4 Essential Roles of Leadership, Liz Wiseman's Multiplier, Six Critical Practices for Leading a Team, The 5 Choices to Extraordinary Productivity, Leading at the Speed of Trust, Project Management Essentials, as well as Presentation and Professional Writing Skills.

This partnership reflects NUTECH's commitment to developing a high-performance academic and professional culture aligned with international best practices. The collaboration will significantly contribute to leadership excellence, organizational effectiveness, and continuous professional growth across the University.



CHINA–PAKISTAN LOW-ALTITUDE ECONOMY ENGINEERING TECHNOLOGY COLLEGE ESTABLISHED THROUGH QUADRILATERAL AGREEMENT

Wuhan Technical College of Communications (WHTCC), the National University of Technology (NUTECH), Beijing North Tian Tu Aviation Technology Development Co., Ltd., and the China–Pakistan TVET Industrial Center of Excellence (CPTICE) signed a quadrilateral agreement to strengthen industry–education integration and establish the China–Pakistan Low-Altitude Economy Engineering Technology College. The signing ceremony marked an important milestone in China–Pakistan cooperation in advanced engineering education, applied research, and skills development, with senior leaders from all partner institutions jointly unveiling the plaque of the newly established college.

Speaking at the ceremony, Mr. Zhou Shen, President of WHTCC, highlighted the importance of collaborative education models aligned with emerging industry needs. Rector NUTECH emphasized the college's role in supporting Pakistan's industrial growth through technology-driven education and international partnerships. Mr. Li Jinsong, Chairman of the Chinese side of the China–Pakistan Center of Excellence, Mr. Yang Yi, Leader of Beijing North Tian Tu Aviation Technology Development Co., Ltd. and Mr. Zhu Yiduo, faculty member of a secondary college under WHTCC addressed the gathering, underscoring institutional cooperation, industry engagement, and academic collaboration.



NUTECH OBSERVES INTERNATIONAL DAY OF PERSONS WITH DISABILITIES



NUTECH observed the International Day of Persons with Disabilities, highlighting inclusivity, talent and empowerment of differently abled members of the University. The event featured an inspiring speech by a specially abled faculty member, a sign language learning segment led by a specially-abled student and musical performances showcasing the diverse abilities of NUTECH students. The event also included motivational messages aimed at promoting awareness, understanding and equal opportunities for all.

In his address, Rector NUTECH emphasized the University's commitment for creating an inclusive academic environment that supports and celebrates the achievements of differently abled students and staff. The event reflected NUTECH's ongoing efforts to cultivate a culture of accessibility, empowerment and respect for all members of its community.

NUTECH PARTICIPATES AT PAKISTAN'S DISASTER EARLY WARNING TECHNICAL EXPO 2025 (DEWTE-25) ORGANIZED BY NATIONAL DISASTER MANAGEMENT AUTHORITY (NDMA)



The National Disaster Management Authority (NDMA) organized the Pakistan Disaster Early Warning Technical Expo 2025 (DEWTE-25) at NDMA Headquarters, Islamabad, on 10–11 December 2025. The expo highlighted cutting-edge innovations in disaster risk reduction, artificial intelligence, early warning systems, and climate resilience. Leading experts, innovators, researchers, policymakers, and technology partners from across the country participated, showcasing advanced solutions aimed at strengthening Pakistan's disaster preparedness, response, and resilience through technology-driven innovation.

NUTECH actively participated in the expo by showcasing its research and development projects aligned with disaster management and emergency response. The NUTECH booth attracted significant attention from high-level dignitaries and government officials, including Mr. Ahsan Iqbal, Federal Minister of Planning, Development and Special Initiatives, Mr. Shahid Khan Afridi, former Pakistani cricketer and Ms. Masarrat Misbah, renowned entrepreneur and makeup artist. The visitors appreciated NUTECH's applied research initiatives and its role as a "University for Industry" in addressing national challenges through innovation.

In a notable achievement, NUTECH students of Computer Engineering of Batch 2022 Saif Ur Rehman and Muhammad Hassan, secured third prize in the NDMA competition held during the expo. Their award-winning application, ResQ, is a multi-disaster early warning and emergency response system designed to provide real-time alerts, predictive insights, and safety guidance. The app integrates mobile-based earthquake detection, an emergency Bluetooth mesh network for communication during signal outages, and live data from NDMA to deliver accurate hazard information. ResQ enables users to receive warnings, share alerts, communicate offline, and follow step-by-step emergency guidelines during earthquakes, floods, storms and other disasters, underscoring NUTECH's commitment to impactful, industry-relevant innovation.

EMPOWERING STUDENTS: PM YOUTH LAPTOP DISTRIBUTION CONDUCTED AT NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH)

NUTECH organized the Prime Minister's Youth Laptop Distribution Ceremony under the Prime Minister's Youth Programme (PMYP), an initiative designed to enhance digital access and promote academic excellence across Pakistan. During the ceremony, laptops were distributed to eligible students on the basis of academic merit, enabling them to strengthen their learning, research capabilities and engagement with modern digital resources. The initiative reflects the government's commitment to supporting youth empowerment through technology-driven opportunities.



SUDANESE CAD/CAM STUDENTS AT NUTECH UNDERTAKE INDUSTRIAL VISIT TO ENGINEERING INDUSTRIAL AREA, RAWAT



NUTECH organized an industrial visit to M/S Engineering, Industrial Area, Rawat, for their Sudanese students enrolled in the Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) course. The visit aimed to strengthen practical learning by exposing students to real-world manufacturing environments and advanced industrial processes. During the visit, students observed live CNC machining operations, modern manufacturing workflows, and the practical application of CAD/CAM technologies in industrial settings. The interaction with industry professionals enabled students to bridge the gap between theoretical knowledge and practical implementation.

CHAIRMAN HIGHER EDUCATION COMMISSION (HEC) VISITS NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH)

Chairman HEC and Federal Secretary for Education, Mr. Nadeem Mahbub, accompanied by Executive Director HEC Mr. Zia-ul-Haq, visited NUTECH to review its academic and industry-oriented initiatives. During the visit, the HEC delegation was briefed on NUTECH's distinctive role as a "University for Industry", its comprehensive educational programs, applied research initiatives, industry-driven learning model, international collaborations and ongoing industrial projects. The briefing highlighted the University's strategic focus on aligning education with national industrial and technological needs.

Later, the delegation visited NUTECH's state-of-the-art laboratories, the NUTECH Innovation Center (NIC), and the NUTECH Entrepreneur and Incubation Centre (NEIC), gaining firsthand insight into the University's practical and innovation led approach to higher education. The visit reaffirmed HEC's support for NUTECH's mission to deliver industry-relevant education while strengthening national efforts towards innovation-driven higher education.



INSTITUTE OF SPACE AND TECHNOLOGY (IST) DELEGATION VISITS NUTECH



A three-member delegation from the Institute of Space and Technology (IST), led by Vice Chancellor Maj Gen (Retd) Dr. Syed Najeem Ahmad, visited NUTECH. The delegation was briefed on NUTECH's comprehensive academic programs, applied research initiatives, industry-driven learning model, international collaborations and ongoing industrial projects. Vice Chancellor Maj Gen (Retd) Dr. Syed Najeem Ahmad appreciated the NUTECH's significant contributions to Pakistan's industrial and technological landscape and expressed keen interest in exploring future collaboration on research and development initiatives.

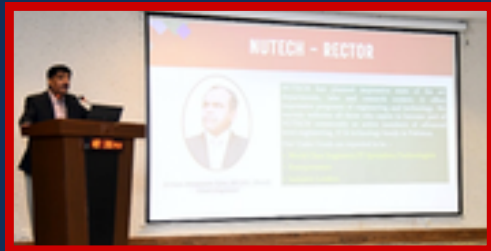
OCTAVE TECHNOLOGY SOLUTIONS DELEGATION VISITS NUTECH

A three-member delegation from Octave Technology Solutions (OTS) visited NUTECH to explore opportunities for strengthening industry-academia collaboration in advanced manufacturing and industrial innovation. The discussions focused on the establishment and collaborative framework of a National Manufacturing Advancement Centre, envisioned as a national hub to modernize Pakistan's manufacturing sector through advanced digital technologies, entrepreneurship, manufacturing-driven innovation, and the development of globally competitive skills.

During the meeting, both sides exchanged views on leveraging modern manufacturing technologies, capacity building, applied research and skills development aligned with national industrial priorities. The visit concluded with a mutual understanding to further engage in collaborative initiatives that support technological advancement, innovation, and sustainable growth of Pakistan's manufacturing sector.



ADMISSION AWARENESS SESSION: HAZARA SCHOOL AND COLLEGE (GHAZI) DELEGATION VISITS NUTECH



As part of its ongoing Admission Campaign, NUTECH welcomed a delegation of students and faculty members from Hazara School and College, Ghazi. The visit was aimed at providing prospective students with comprehensive insight into NUTECH's academic programs, industry-integrated education model, and modern learning facilities.

During the visit, the delegation was briefed on NUTECH's undergraduate degree programs, admission criteria, and career-focused academic pathways. University representatives highlighted NUTECH's role as a "University for Industry," emphasizing applied learning, hands-on training, and strong linkages with national and international industry partners. The visiting students interacted with faculty members and explored the campus facilities, gaining first-hand exposure to the academic environment and student support systems. The visit enabled participants to make informed decisions regarding higher education and future career planning.

Such outreach activities reflect NUTECH's commitment to engaging with educational institutions across the country and facilitating access to quality, technology-driven higher education for aspiring students.

RECTOR NUTECH VISITS CAPITAL SMART CITY TO REVIEW DEVELOPMENT OF UPCOMING CAMPUS

Rector NUTECH, accompanied by a delegation, visited Capital Smart City to review the infrastructure development of NUTECH's upcoming campus. During the visit, the Rector inspected ongoing construction and assessed progress to ensure alignment with the University's academic vision and international standards.

Chairman of Capital Smart City, Mr. Zahid Rafiq was also briefed on NUTECH's plans for the new campus, outlining its academic scope, future expansion, and strategic importance. The interaction highlighted mutual commitment to developing a modern, state-of-the-art educational facility that will contribute to innovation, sustainability, and quality higher education.



NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH), SHANDONG XINXU GROUP EVALUATE PATHWAYS FOR FUTURE COOPERATION



A four-member delegation led by Mr. Huo Chairman Shandong Xinxu Group visited NUTECH. During the visit, the delegation was briefed on NUTECH's academic programs, applied research initiatives, industry-driven learning model, international partnerships and ongoing industrial collaboration projects. Both sides engaged in productive discussions on prospective areas of cooperation, with a focus on joint research and development initiatives. The meeting concluded with a mutual understanding to formalize future collaboration, with a Memorandum of Understanding (MoU) planned to be signed in the near future.

INAUGURATION OF BANK AL HABIB BRANCH AT NUTECH

BANK AL HABIB LTD. INAUGURATES ITS BRANCH AT NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH)

Bank Al Habib Ltd. formally inaugurated its branch at the NUTECH, Islamabad, marking a significant step toward enhancing on-campus banking facilities for students, faculty, and staff. Rector NUTECH and senior officials of Al Habib Bank also graced the occasion, reflecting a shared commitment to facilitating convenient, secure and efficient financial services within the university premises.

The establishment of the Al Habib Bank Ltd. branch at NUTECH will provide a wide range of modern banking solutions, including account opening, digital banking support and other financial facilities, contributing to an improved campus experience. This initiative aligns with NUTECH's vision of fostering industry collaboration and supporting student welfare by integrating essential services within its academic environment.



ASPIRE LEADERS PROGRAM SEMINAR EMPOWERS STUDENTS FOR FUTURE SUCCESS



National University of Technology (NUTECH), in collaboration with Aspire Institute, organized a seminar titled “Unlocking the Future with Aspire Leaders Program” at the NUTECH campus. The event aimed to provide students with insights into leadership development, career growth, and strategies for achieving professional excellence. The seminar brought together aspiring students and industry experts, offering an interactive platform to explore innovative approaches to personal and professional growth. Through discussions, case studies, and mentorship opportunities, participants were encouraged to unlock their potential and prepare for future challenges in their respective fields.

This initiative reflects NUTECH’s commitment to empowering students with practical knowledge, leadership skills, and industry-relevant experiences, reinforcing its vision as a “University for Industry.”

ELP CAREER GUIDANCE SESSION EMPHASIZES GLOBAL CAREER DEVELOPMENT

An Experiential Learning Program (ELP) session was organized at the National University of Technology (NUTECH), during which Engineer Muhammad Baarrij, a distinguished professional with over 20 years of international industrial experience, delivered a talk. The session, titled “Working Beyond Borders: Career Guidance from Global Industry Experience,” aimed to provide students with practical insights into building successful careers in the global engineering and industrial landscape. During the session, Engineer Muhammad Baarrij shared valuable perspectives drawn from his extensive international career, highlighting emerging global trends, professional skills required in multinational environments, and strategies for adapting to diverse workplace cultures. He emphasized the importance of continuous learning, technical excellence, and professional ethics in achieving long-term career growth.



AWS CLOUD CLUB ORIENTATION SESSION FOCUSES ON CLOUD TECHNOLOGIES AND PROFESSIONAL DEVELOPMENT

The AWS Cloud Club at the National University of Technology (NUTECH) organized an orientation session aimed at promoting awareness of cloud computing, industry-aligned technical skills, and structured learning pathways for students. The AWS Cloud Club is a student-led initiative supported by Amazon Web Services (AWS), operating under faculty guidance to equip students with future-ready digital competencies. The session featured interactive talks by distinguished guest speakers, including Mr. Muhammad Abdullah Bin Aftab, AWS Cloud Club Regional Captain, and Mr. Munsif Raza, Founder of Hyper Neon. The speakers shared valuable insights on cloud computing fundamentals, the AWS ecosystem, emerging technology trends, and career development opportunities in the global technology sector. During the session, students were introduced to the scope and objectives of the AWS Cloud Club, highlighting opportunities for hands-on learning, certifications, community engagement, and professional growth. The speakers emphasized the growing demand for cloud professionals and encouraged students to actively engage in cloud-based learning and innovation.



NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH) WELCOMES NEWLY ELECTED STUDENT LEADERSHIP AT OATH-TAKING CEREMONY

NUTECH organized an Oath-Taking Ceremony for the 3rd NUTECH Student Council (NSC), student clubs, societies and character building society. The event was graced by Pro-Rector (P&R) Maj Gen Khurram, Retd and Pro-Rector NORIC AVM Muhammad Asif Aslam and attended by faculty members, students and newly elected representatives. This significant occasion marked an important milestone in strengthening student leadership and institutional engagement at NUTECH.

NUTECH's ecosystem of clubs and societies continues to play a crucial role in shaping well-rounded graduates by promoting creativity, leadership, innovation and collaboration. These platforms enable students from diverse backgrounds to develop essential skills beyond the classroom, reflecting the university's commitment to fostering both academic excellence and holistic professional development.

NSC, serving as the apex representative body, plays a pivotal role in advocating for student interests, ensuring effective communication between the student body and the university administration. This year, the 3rd NSC was elected through the University's E-election system, reinforcing principles of transparency, fairness, diversity, and inclusion.



National University of Technology (NUTECH) Organizes a Friendly Football Match Promoting Sportsmanship and Cultural Integration among Local and Sudanese Students



NUTECH organized a friendly football match between NUTECH students and Sudanese students attending the Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) course, aimed at promoting sportsmanship, teamwork, and cultural harmony on campus.

Rector NUTECH interacted with both teams and witnessed the match alongside students, encouraging their participation and highlighting the importance of physical activities for holistic development. The match concluded with a well-earned victory for the Sudanese students. Such initiatives reflect NUTECH's commitment to inclusive student engagement and nurturing a vibrant campus culture in line with its vision as the "University for Industry."

NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH) ORGANIZES 5TH ANNUAL BOOK FAIR TO ENCOURAGE READING CULTURE

NUTECH successfully organized its 5th Annual Book Fair on campus, aimed at promoting a culture of reading, learning and academic excellence among students and faculty. The exhibition showcased a diverse collection of books spanning engineering, technology, social sciences, literature and professional development, drawing significant interest from the University community.

Rector NUTECH graced the occasion as the chief guest and inaugurated the exhibition. During his visit to the stalls, he emphasized the importance of books in enhancing knowledge, critical thinking and personal growth, encouraging students to cultivate strong reading habits alongside their academic pursuits.



AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) STUDENT BRANCH SUCCESSFULLY CONDUCT TWO-DAYS EVENT “ASME NUTECH MANIA” AT NUTECH



ASME Student Branch has been formally established at the NUTECH under the Mechanical Engineering Department, marking a significant milestone in strengthening student engagement with modern engineering practices, technological innovation, and professional development. The initiative aims to provide students with exposure to global engineering standards while fostering technical competence, leadership, and collaborative learning.

To commemorate the establishment, the NUTECH ASME Student Branch successfully organized the event featured an orientation session on ASME's mission and global impact, followed by diverse technical, recreational, and competitive activities, including engineering challenges and team-based competitions. The second day showcased “Cars and Coffee,” NUTECH's first-ever auto car show, offering participants hands-on exposure to automotive engineering, design innovation, and emerging industry trends.

The successful event underscores NUTECH's commitment to experiential learning and the development of industry-relevant skills aligned with international engineering benchmarks.

NUTECH REPRESENTATION AT AI X FUTURE ED SUMMIT 2025

Mr. Umar Aftab, Senior AI Faculty, AI Department from NUTECH School of Information Technology (NUSIT) participated as a Guest Speaker in AI X Future Ed Summit 2025, organized by E-Deviser, at Bahria University Islamabad. This landmark summit brings together Pakistan's key policymakers, academic leaders, and industry pioneers to engage in a strategic dialogue. The summit mainly focuses on strategic investment as the engine for technological innovation and national growth, outlining a clear vision to position Pakistan as a competitive, future-ready destination for global capital and industry.



Director General Bahria University Islamabad Campus Rear Admiral Naeem Sarwar (Retd) graced the occasion as a Chief Guest of Honor, along with Mr. Qaiser Ahmed Sheikh, Federal Minister for Investment, Mr. Bilal Azhar Kayani, Minister of State for Finance, Mr. Syedal Khan Nasar, Deputy Chairman Senate of Pakistan, Mr. Danyal Chaudary, Federal Parliamentary Secretary (MOIB), startup founders, investors and tech leaders. During the panel discussion, Mr. Umar Aftab said “At NUTECH, we act as living laboratories where research and practice converge to prepare founders for rapid technological acceleration “. Federal Minister for Investment, Mr. Qaiser Ahmed Sheikh presented the souvenir to Mr. Umar Aftab for his participation in AI X Future Ed Summit 25. NUTECH, as a University for Industry, envisions academia as a catalyst for industrial innovation, adopting strong collaboration to drive Pakistan's Future Tech. By aligning research with real-world applications, it builds enduring linkages that empowers industry and academia to co-create sustainable technological progress.

