Technology Roundup

A NEWS BULLETIN

TECHNOLOGY INFORMATION SERVICES (TIS)

PAKISTAN SCIENTIFIC AND TECHNOLOGICAL INFORMATION CENTRE

PASTIC

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- Remote Sensing for Water Resource Management, SUPARCO, Gilgit
- 12th Annual Neuroscience Conference 2026 (12ANC), Dow University of Health Sciences, Karachi
- Conference on "A Sustainable Future for All Living Species on Planet Earth", COMSATS, Islamabad
- 8th International Conference on Wireless Communications and Smart Grid, Colmar, France
- The 15th International Conference on Pure andApplied Mathematics, London, UK
- 15th International Conference on Information Communication and Applications (ICICA 2026), Cambridge, UK

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Tech & Trade Offers

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New IT Portal Connects Pakistan and Japan

Pakistan is set to launch the JICA-Pakistan B2B Portal, a digital platform developed in partnership with the Japan International Cooperation Agency (JICA) to strengthen cooperation between Pakistani and Japanese technology companies. The portal will provide a structured matchmaking system, linking export-ready IT firms from Pakistan with Japanese businesses seeking outsourcing services, software development expertise, and innovation partners. Using profile-based matching, it will assess technical capabilities, industry relevance, and project compatibility to foster productive collaborations. Key focus areas include artificial intelligence, enterprise software, healthcare IT, automotive software, data analytics, and IT-enabled services. The initiative will also support post-event business engagement, streamline partner verification, and help Pakistani companies access Japan's expanding technology market.

Pakistan Expands AI Training Nationwide

The federal government has unveiled a plan to train one million individuals in artificial intelligence over the next three years, aiming to accelerate Pakistan's digital transformation and strengthen its technology workforce. Addressing a ceremony, the Federal Minister for IT and Telecom said the growing influence of artificial intelligence across industries worldwide underscores the need for Pakistan to equip its workforce with advanced digital skills. The minister highlighted that Pakistan's first AI policy has been adopted to encourage the growth of an indigenous artificial intelligence ecosystem. Free AI training programs will be offered to students under the initiative. The government is also advancing digital infrastructure through expanded spectrum availability, 5G deployment, local technology manufacturing, and new submarine cable projects to enhance nationwide connectivity.

Pakistan Gains Global Cybersecurity Recognition

Pakistan has strengthened its position in the international cybersecurity community after the Pakistan National Cyber Emergency Response Team (PKCERT) secured full membership in the Forum of Incident Response and Security Teams (FIRST). The achievement grants the country's national cyber response body access to a global network of trusted cybersecurity organizations dedicated to combating digital threats. Through this membership, PKCERT will participate in threat intelligence sharing, coordinated incident response activities, technical training programs, and

international cyber exercises. The organization has also recently joined the Asia Pacific Computer Emergency Response Team (APCERT), expanding regional cooperation. These developments reflect Pakistan's growing cyber defense capabilities, adherence to international standards, and commitment to enhancing digital resilience through stronger global and regional partnerships.

Pakistani Doctor Develops AI Skin Cancer Chatbot

A Pakistani skin cancer surgeon has developed an artificial intelligence-powered chatbot designed to raise awareness about skin diseases and support the early detection of skin cancer. The digital tool offers preliminary guidance on various dermatological conditions, helping users identify potential warning signs and determine when professional medical attention may be needed. According to the developer, many people overlook subtle skin changes due to limited awareness, increasing the risk of delayed diagnosis of serious conditions. Developed over a period of about three months, the chatbot aims to improve public understanding of skin health and encourage timely consultations with specialists. The surgeon stressed that the platform serves as an educational aid and does not replace professional medical diagnosis.

IT Ministry Reviews Karachi IT Park Project

The Ministry of Information Technology and Telecommunication, through the Pakistan Software Export Board (PSEB), has initiated an independent review of the Karachi IT Park project by inviting consultancy firms to assess key technical and contractual documents. The selected consultant will evaluate feasibility studies, engineering designs, cost estimates, technical specifications, and other project-related records before the next implementation phase begins. The review aims to address challenges that have delayed progress, including unsuccessful bidding rounds and concerns over project planning. Authorities hope lessons learned from similar infrastructure projects will help improve procurement conditions and attract contractors. Estimated to cost over Rs. 31 billion, the Karachi IT Park is expected to host more than 200 technology companies and strengthen Pakistan's digital innovation ecosystem.

JazzWorld Launches IoT Weather Monitoring Station

To mark World Environment Day and support its goal of achieving net zero carbon emissions by 2050, JazzWorld has launched an IoT enabled weather monitoring station at its headquarters in Islamabad. The platform collects real time environmental data, including temperature, humidity, rainfall, wind conditions, and atmospheric pressure, providing localized weather intelligence. Powered by Internet of Things technology and artificial intelligence analytics, the system converts weather observations into actionable insights for environmental monitoring, operational planning, and climate preparedness. The initiative aims to strengthen resilience against climate related risks such as floods, heatwaves, droughts, and extreme rainfall. JazzWorld also plans to share the station's data with the Pakistan Meteorological Department to support national weather forecasting and observation efforts.

Six Science Education Centers Planned in Sindh

The Sindh government has announced plans to establish six divisional science education centers to strengthen practical learning and modernize science education in public schools. The initiative includes an annual schedule of observation based educational visits, giving students hands on exposure to science, heritage, and cultural sites across the province. Officials said the program aims to replace rote learning with interactive experiences that encourage curiosity, critical thinking, and innovation. The government is also working with a science museum to provide free educational tours under a formal partnership. Financial support has already been approved for the initiative, which is expected to expand opportunities for experiential learning and inspire greater student interest in science and technology.

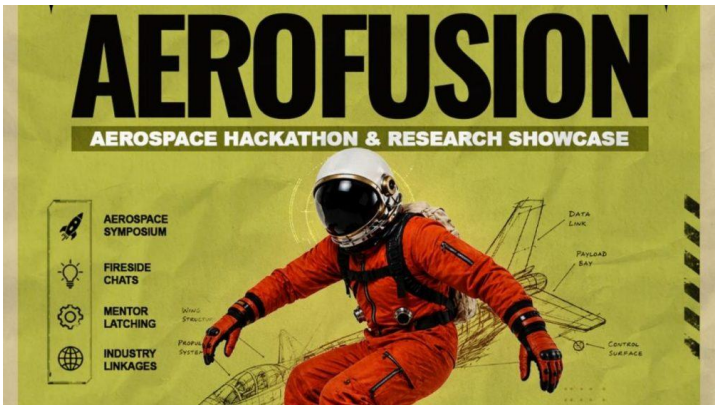
UAF Develops Pakistan's First Vegetable Nursery Transplanter

Researchers at the University of Agriculture Faisalabad have developed Pakistan's first multifunctional vegetable nursery transplanter to improve farming efficiency and lower production costs. The machine can prepare planting beds, lay mulch and drip irrigation lines, and transplant four rows of vegetable seedlings in a single operation. Experts say the innovation supports efficient water use through uniform planting and improved irrigation management, making it valuable in addressing water scarcity and climate related challenges. Designed to suit local farming

conditions, the transplanter is expected to reduce labour requirements, cut operational expenses, improve plant survival rates, and enhance vegetable quality. This technology will promote sustainable and more profitable vegetable production across the country.

AeroFusion 2026 to Unite Pakistan's Aerospace Talent

The Ministry of IT and Telecom is launching AeroFusion 2026, a national hackathon designed to foster innovation in aerospace, aviation, and emerging technologies. Organized by the National Incubation Center for Aerospace Technologies (NICAT) with support from the Ignite National Technology Fund and industry partners, the event will bring together students, researchers, startups, and professionals to solve real world challenges. Participants will develop solutions in areas including artificial intelligence, robotics, autonomous systems, IoT, drone technologies, advanced materials, and secure communications. Outstanding teams may qualify for NICAT's incubation programme, gaining access to mentorship, technical support, and networking opportunities.



Balochistan Opens First Women's AI Lab

Balochistan has established its first Entrepreneurship AI Lab for Women to promote digital inclusion, entrepreneurship, and economic empowerment. Launched in collaboration with the Women Development Department and DOCH Private Limited, the facility will provide training in artificial intelligence, digital technologies, business development, and entrepreneurial skills. Officials said the initiative aims to equip women with capabilities that meet the demands of the modern digital economy while encouraging greater participation in technology and innovation. The AI lab is expected to support women in pursuing freelancing, online businesses, technology driven startups, and other income generating opportunities. The initiative is intended to strengthen women's economic independence while contributing to the province's broader socioeconomic development.

NEO Becomes World's First Commercial Brain Chip

China has made a significant breakthrough in neurotechnology after its medical regulator approved the commercial use of the NEO brain-computer interface (BCI), making it the world's first invasive brain implant to receive such authorization beyond clinical trials. Developed jointly by a technology company and university researchers, the coin-sized device is designed to help people with paralysis caused by spinal cord injuries regain motor functions by translating brain signals into movement commands. Unlike some competing systems that penetrate brain tissue, NEO's sensors are placed on the brain's outer protective membrane, reducing procedural complexity and risks. The device has also been integrated into China's national health insurance system, improving accessibility for eligible patients.

Pakistan's Largest Data Centre Gets $230 Million Boost

Quantum Global Data Center (QGDC), part of the Gul Ahmed Energy Group, has announced a $230 million investment to develop Pakistan's largest Tier III data centre, with total investment potentially reaching $600 million over the next few years. The initiative follows a strategic partnership with Huawei Pakistan aimed at strengthening the country's digital infrastructure. The project will include a state of the art science and technology park and provide secure, scalable facilities for cloud computing, artificial intelligence, high-performance computing, digital finance, and e-government services. Officials believe the development will boost local data hosting capacity, enhance data sovereignty, attract investment, and support Pakistan's transition toward a technology driven economy while meeting growing demand for advanced digital services.

Engineer Builds AI Laser Mosquito Defense System

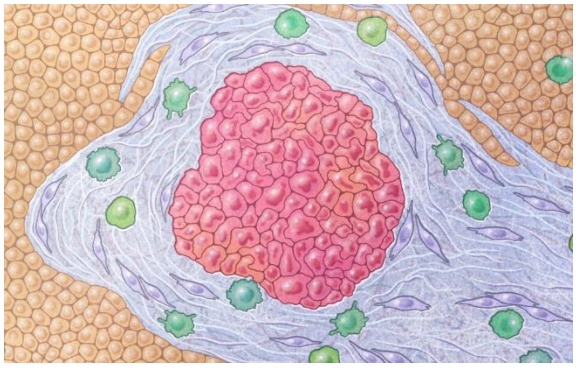
A computer vision engineer has created an AI-powered mosquito elimination system that combines deep learning, robotics, and laser targeting technology. The project uses a custom trained vision model developed from thousands of mosquito images captured with a high-magnification camera. Once a mosquito is detected, the system tracks its movement and directs a precision mounted laser to neutralize the insect in real time. To enhance safety, an additional wide angle camera monitors the surroundings and prevents laser activation whenever people or potentially hazardous objects are detected nearby. After testing the setup at home, the developer reported that the system successfully eliminated all mosquitoes overnight. The project highlights how accessible hardware and AI tools are enabling advanced robotics innovations for individual creators.

Bots Surpass Humans on the Internet

Internet traffic has reached a historic turning point, with automated bots now generating more web requests than humans for the first time. The shift is being driven largely by the rapid rise of AI-powered agents that perform online tasks such as research, price comparisons, and content gathering on behalf of users. Experts note that a single AI query can trigger thousands of website visits, significantly increasing automated activity across the web. While many bots perform legitimate functions, including indexing and data retrieval, their growing presence is creating challenges for publishers, advertisers, and website operators by increasing server loads and affecting traffic analytics. The shift marks a new phase in internet usage, where automated systems are increasingly responsible for generating and consuming online content.

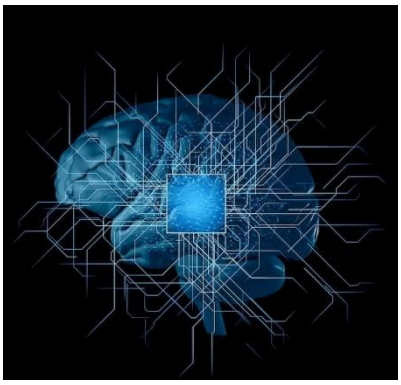
Vitamin D-Based Drug Enters Cancer Treatment Trial

Researchers have reported promising findings from a clinical trial evaluating a synthetic vitamin D analog alongside standard chemotherapy for metastatic pancreatic cancer. The study, which included 36 patients, found that the treatment combination was safe and produced biological changes within the tumor environment. The therapy reduced fibroblast activity while allowing more immune cells to enter tumors. Researchers also observed improved chemotherapy



responses and longer progression free survival among treated patients. The most favorable outcomes were seen in participants with higher levels of vitamin D receptor expression, encouraging further research into this therapeutic approach.

New Era in Visual Restoration Technology



Researchers have successfully completed the third implantation of an intracortical visual prosthesis designed to provide artificial vision for people with total blindness. The wireless brain implant bypasses damaged eyes and optic nerves, connecting directly to the brain's visual cortex to generate visual perceptions. In the latest procedure, surgeons implanted 34 stimulators containing 544 electrodes to support the system's operation. Scientists believe the technology could offer a potential solution for individuals with no light perception, for whom conventional vision restoration approaches are not suitable. The ongoing clinical study will evaluate whether the device can improve navigation and the performance of basic visually guided tasks. Researchers are continuing to recruit volunteers to further assess the technology's effectiveness.

Scientists Create First Chicken from Artificial Egg

Researchers at Colossal Biosciences have successfully hatched 26 healthy chicks from fully artificial eggs, marking a significant advance in reproductive biotechnology. The technology replaces the natural eggshell with a specially designed artificial structure that provides the conditions needed for embryo development, including gas exchange and protection. Scientists believe the system could play a key role in future efforts to revive extinct bird species by supporting embryos that cannot develop inside conventional eggs. The company plans to apply the approach to projects involving the extinct dodo and the giant moa of New Zealand. Researchers say the breakthrough demonstrates the potential of engineered incubation systems to support conservation, species restoration, and other advances in avian biotechnology.

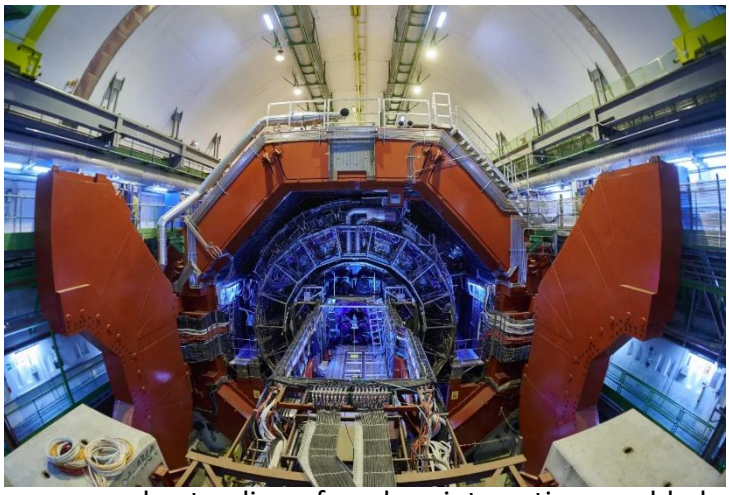
Solar Panel Generates Power from Sunlight and Rain

Researchers have developed a hybrid energy harvesting device that generates electricity from both sunlight and rainfall, offering a more reliable source of renewable power. The system combines perovskite solar cells with a specially engineered thin protective film that improves durability while converting the impact of raindrops into electrical energy. Laboratory tests showed the

coating could produce more than 100 volts from a single raindrop, enough to power small electronic devices. The technology also protects solar cells from moisture and harsh environmental conditions, extending their operational life. Scientists believe the innovation could support Internet of Things devices, environmental sensors, weather stations, smart city infrastructure, and remote monitoring systems that require continuous outdoor power.

LHC Experiment Reveals Lead Turning into Gold

Scientists at CERN have experimentally confirmed that high energy lead nuclei collisions at the Large Hadron Collider can briefly transform lead into gold. The process occurs during near miss collisions, where powerful electromagnetic fields remove three protons from a lead nucleus, producing a gold nucleus. Researchers measured the phenomenon using the ALICE detector, marking the first systematic observation of this form of nuclear transmutation. During the collider's second operating period, about 86 billion gold nuclei were produced, although the total mass amounted to only 29 picograms and existed for only a fraction of a second. Scientists say the findings will improve understanding of nuclear interactions and help optimize the performance of future particle accelerators.



University of Sharjah Patents Earthquake-Resistant Device

Researchers at the University of Sharjah have secured a United States patent for a low cost earthquake resistant device that uses sand and other granular materials to reduce seismic vibrations in buildings. Designed to dissipate earthquake energy, the system achieved damping efficiencies ranging from 37 to 75 percent during testing, outperforming many conventional vibration control technologies. The device features a simple, adaptable design that can be manufactured using readily available materials, making it suitable for regions with limited resources. Beyond earthquake protection, it can also reduce vibrations caused by strong winds and passing trains. Researchers believe the innovation could improve the safety and resilience of residential, commercial, public, and transport infrastructure.

Japan Develops Hypersonic Engine for Two-Hour US Flights

Japanese researchers have successfully tested a Mach 5 hypersonic engine, marking an important step toward the future of ultra-fast commercial air travel. Developed

through a collaboration involving universities and the Japan Aerospace Exploration Agency, the technology could eventually enable flights between Japan and the United States in about two hours. The engine was tested under conditions simulating high altitude flight, evaluating its thermal protection, propulsion, and control systems. Scientists expect commercial development could take up to two decades because hypersonic aircraft must withstand extreme temperatures and aerodynamic forces. The successful engine test represents an early milestone in efforts to make hypersonic passenger travel a practical reality.

China Launches First Universal Household Robot "Shiguang S1" in Wuhan

China has introduced its first general purpose household robot, Shiguang S1, designed to assist with everyday domestic activities. Developed by robotics company GigaBrain and launched in Wuhan's Optics Valley, the AI powered robot can fold clothes, prepare meals, clear dining tables, and interact with elderly family members. The company said the robot uses its self-developed embodied intelligence model, enabling it to understand home environments, plan actions independently, and continuously learn new tasks. A built in safety mechanism automatically stops the robot if it comes into contact with a person or pet. GigaBrain also plans to launch its next generation AI model, GigaBrain 1, in the third quarter of 2026.

Solar-powered Gel Pulls Drinking Water from the Air

Researchers at Stanford University have developed a solar powered hydrogel that can extract drinking water from the atmosphere while offering significantly improved durability over previous designs. The new material remains effective for more than eight months and over 190 water harvesting cycles, compared with about 30 cycles for earlier hydrogels. A corrosion resistant metal coating prevents degradation, allowing the hydrogel to safely collect and release water using sunlight. The system can produce up to two litres of potable water per day from a panel about the size of a bath towel. Researchers believe the low cost technology could help provide clean water in arid and remote regions where conventional water sources are limited.

New Brain Implant Restores Hearing Control

Scientists at Columbia University have successfully tested a brain controlled hearing system that helps users focus on a single conversation in noisy environments. In the first human studies, implanted brain electrodes monitored neural activity to identify which speaker participants were listening to and automatically increased that voice while reducing competing conversations in real time. Unlike conventional hearing aids that amplify all surrounding sounds, the experimental system selectively enhances the conversation the user intends to hear. Researchers said the technology improved speech clarity, reduced listening effort, and was preferred by volunteers. Although still at an early stage, the breakthrough could pave the way for next generation hearing devices that better assist people with hearing loss in crowded settings.

Innovative Packaging: Smart Containers and Paper Solutions

Packaging manufacturers are introducing new products that combine functionality, sustainability, and improved consumer appeal. Recent innovations include a lightbulb-shaped recyclable beverage container featuring “glow in the dark” branding, designed to enhance product visibility and user experience. In the foodservice sector, companies have unveiled black fiber-based trays and bowls as alternatives to difficult-to-recycle black plastic packaging. Other developments include a grease and oil resistant paperboard for food packaging that eliminates the need for polyethylene coatings while remaining recyclable and compostable. Additionally, a new bio-based coating material made from fermented sugars has been launched for paper cups and food containers, providing resistance to liquids, oils, and grease. These innovations reflect the packaging industry's growing focus on sustainability and performance.

FORTHCOMING TECH EVENTS

PAKISTAN

- Remote Sensing for Water Resource Management
  July 06 – 10, 2026, SUPARCO, Gilgit
  https://suparco.gov.pk/education-and-training/short-trg-courses/
- 10th International & 19th National Conference of Botanical Society of Pakistan (INCPS-2026)
  July 27 – 29, 2026, University of Azad Jammu & Kashmir, Muzaffarabad
  https://incps.uajk.edu.pk/index.php
- 12th Annual Neuroscience Conference 2026 (12ANC)
  July 28 – 29, 2026, Dow University of Health Sciences, Karachi
  https://pakistan-neuroscience.org/12th-annual-neuroscience-conference-2026-12anc/?utm
- AI – Powered Geospatial Solutions for Rapid Urbanization
  August 17 – 21, 2026, SUPARCO, Lahore
  https://suparco.gov.pk/education-and-training/short-trg-courses/
- Advanced Training Course on Virtual Forest 3D Radiative Simulation and Hyperspectral App in Forest
  September 14 – 18, 2026, SUPARCO, Islamabad
  https://suparco.gov.pk/education-and-training/short-trg-courses/
- ANSO-COMSATS Conference on 'Artificial Intelligence Enabled Solutions for Sustainable Water Governance, Security and Safety'
  September 22 – 25, 2026, COMSATS University, Islamabad (Hybrid mode)
  https://comsats.org/anso-comsats-conference-ai4water-2026/
- Conference on "A Sustainable Future for All Living Species on Planet Earth"
  October 13 – 15, 2026, COMSATS, Islamabad
  https://comsats.org/ae2026/?utm
- Modern WebGIS using Open Source Technologies
  October 19 – 23, 2026, SUPARCO, Karachi
  https://suparco.gov.pk/education-and-training/short-training-courses/
- International Conference on Leveraging Space Technology for EW4All, Climate Actions and Disaster Risk Assessment
  October 27 – 31, 2026, Islamabad
  https://suparco.gov.pk/unoosa/?utm
- Earth observation with Optical and SAR Data
  November 16 – 20, 2026, SUPARCO, Karachi
  https://suparco.gov.pk/education-and-training/short-training-courses/
- The International Conference on Digital Futures and Transformative Technologies (ICoDT2)
  November 17 – 18, 2026, NUST, Islamabad
  https://conference.seecs.edu.pk/icodt2-2026/
- 2026 International Conference on Advancement and Innovation: Artificial Intelligence and Machine Learning (AI2ML)

November 17 – 18, 2026, NUST, Islamabad
https://conference.seecs.edu.pk/ai2ml-2026/

- The 21st International Conference on Emerging Technologies (ICET 2026)
  November 18 – 19, 2026, Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIK), Topi
  https://www.icet.org.pk/2026/
- Satellite based Geological Mapping & Analysis
  November 30 – December 4, 2026, SUOARCO, Peshawar
  https://suparco.gov.pk/education-and-training/short-training-courses/
- 23rd International Conference on Frontiers of Information Technology (FIT'26)
  December 14 – 15, 2026, COMSATS University, Islamabad
  https://fit.edu.pk/
- Satellite based Monitoring and Modeling Approaches for Climate Induced Disaster
  December 14 – 18, 2026, SUPARCO Islamabad
  https://suparco.gov.pk/education-and-training/short-training-courses/

INTERNATIONAL

- 8th International Conference on Wireless Communications and Smart Grid
  July 09 –11, 2026, Colmar, France
  https://www.icwcsg.net/
- Mathematical Modelling, Optimization, and Computational Analytics for Business, Health, and Intelligent Systems
  July 15 –18, 2026, London, UK
  https://seecs.nust.edu.pk/events/call-for-papers-icpam-2026-special-session/
- The 15th International Conference on Pure and Applied Mathematics
  July 15 –18, 2026, London, UK
  http://icpam.org/
- Asian Science Camp (ASC-2026)
  August 02 – 08, 2026, University of Hong Kong, Hong Kong
  https://psf.gov.pk/images/Advertisements/Assain_Camp_2026_Ad.pdf
- 15th International Conference on Information Communication and Applications (ICICA 2026)
  August 27 – 29, 2026, Cambridge, UK
  https://www.icica.org/
- 8th International Conference on Optoelectronic Science and Materials (ICOSM 2026)
  September 4 – 6, 2026, Jinan, China
  https://www.icosm.org/
- Workshop on the International Space Weather Initiative: AI-Enabled Space Weather for Global Cooperation and Capacity Building
  September 7 – 11, 2026, Seoul, Republic of Korea

https://www.unoosa.org/oosa/en/ourwork/psa/schedule/2026/united-nations-republic-of-korea-workshop-on-the-ISWI-2026.html

- 8th International Applied Mathematics, Modelling and Simulation Conference (AMMS 2026)
  September 11 – 13, 2026, Paris, France
  https://www.amms.org/
- 41st IEEE/ACM International Conference on Automated Software Engineering
  October 12 – 16, 2026, Munich, Germany
  https://conf.researchr.org/home/ase-2026
- 14th International Conference on Smart Grid and Clean Energy Technologies
  October 16 – 18, 2026, Sydney, Australia
  https://icsgce.org/
- 5th Asian Conference on Frontiers of Power and Energy (ACFPE 2026)
  October 22 – 24, 2026, Chengdu, China
  https://www.acfpe.org/
- 9th International Conference on Robotics, Control and Automation Engineering
  October 23 – 25, 2026, Baoding, China
  https://www.rcae.net/
- 2nd International Conference on Civil Engineering and Sustainable Building (ICCESB 2026)
  October 24 – 26, 2026, Fukuoka, Japan
  https://iccesb.org/
- ACS/IEEE International Conference on Computer Systems and Applications (AICCSA)
  October 26 – 29, 2026, Sharjah, UAE
  https://aiccsa.net/AICCSA2026/
- 7th EAGE Global Energy Transition Conference & Exhibition
  November 2 –6, 2026, Hannover, Germany
  https://eageget.org/
- 14th International Conference on Control, Mechatronics and Automation
  November 3 –5, 2026, Bari, Italy
  https://www.iccma.org/
- 4th International Conference on Foundation and Large Language Models (FLLM2026)
  November 17 –20, 2026, Barcelona, Spain
  https://fllm-conference.org/2026/
- 2026 International Conference on Artificial Intelligence Models and Systems (iAIMS 2026)
  November 16 –20, 2026, Barcelona, Spain
  https://aims-conference.ai/2026/
- 9th IEEE-EMBS Conference on Biomedical Engineering and Sciences (IECBES2026)
  December 9 – 11, 2026, Kuala Lumpur, Malaysia
  https://www.iecbes.org/

TECH AND TRADE OFFERS

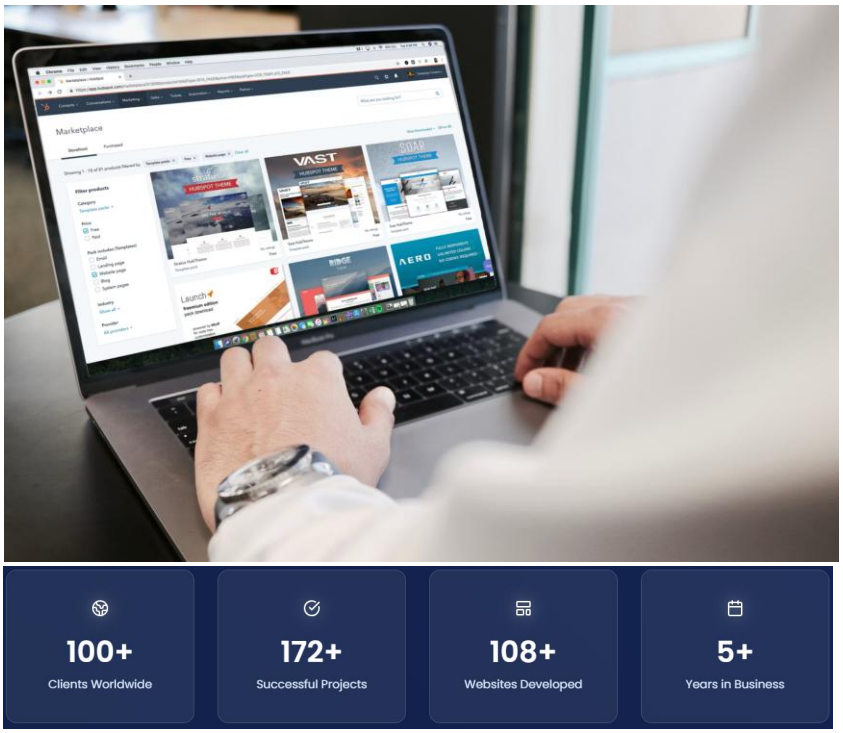
Peel Technologies (Pvt.) Limited

About Peel Technologies (Pvt.) Limited

Peel Technologies (Pvt.) Limited, rooted in Balochistan, is a trusted provider of innovative digital solutions. We are committed to delivering fast, reliable, and high-quality services, helping businesses establish a strong presence in the digital world.

Our products

- **Branding**
- **Marketing**
- **Website Design and Development**
- **IT Solutions**



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Archern

About Archern

We are a collective of architects, designers, and thinkers united by a passion for shaping spaces that matter. Every project we take on is approached with clarity, care, and collaboration as we believe great design happens when ideas are shared, challenged, and refined together. We don't just create buildings, we shape environments that reflect identity, encourage connection, and respond to the world around them. Whether it's a private residence, a dynamic workspace, or a complex urban intervention, our approach is always grounded in listening deeply, thinking boldly, and crafting with intention.

Services:

We craft elegant, functional interiors that reflect personality, purpose, and place. From concept development to final detailing, our interior design approach blends aesthetics with practicality to create immersive spaces that elevate everyday experiences. Following are some of our major.

- **Residential designs**
- **Commercial designs**
- **Interior designs**
- **Landscape designs**

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Web: https://archern.com/

About PASTIC

PASTIC serves as a gateway for Scientific & Technological Information for R&D by catering to the information needs of researchers, entrepreneurs, industrialists, educationists, policy makers and planners through anticipatory and responsive information services.

Technology Information Section works exclusively for support and promotion of technological information on trade and industry in the country.

"Technology Roundup" is a news bulletin that provides latest and innovative technology news, and forthcoming events. It also promotes products, technologies and services globally in sectors such as Agro Industry, Bio-Technology, Building Material, Business, Chemicals, Electronics, Energy, Fisheries, Food Processing, Machinery, Packaging, Mining, Pharmaceuticals and Textiles.

Please give us your feedback and address queries to tis.pastic@gmail.com

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