

India, China to hold 19th Corps Commander talks on August 14

New Delhi: India and China recently held their 19th round of Corps Commander-level talks as part of ongoing efforts to bring an end to the stand-off along the Line of Actual Control (LAC) in eastern Ladakh.

The talks, which took place at Chushul on August 14, were focused on disengagement and de-escalation to achieve a peaceful resolution. Representatives from both countries engaged in discussions from 9:30 a.m. until 5:30 p.m., with Lt. Gen. Rashim Bali leading the Indian side as General Officer Commanding (GOC) of the Leh-based 14 Corps. The talks were held on the Indian side at the Chushul border meeting point. Since the start of Corps Commander-level talks in 2020, progress has been made in disengaging from five friction points: Galwan, the north and south banks of Pangong Tso, and Patrolling Points (PP) 15 and 17A in the Gogra-Hot Springs area.

However, efforts to disengage from Depsang Plains and Demchok have faced obstacles, as China has argued that these issues predate the 2020 stand-off. While a statement on the outcome of the talks is yet to be released, it is hoped that progress was made towards resolving the remaining areas of contention.

The talks come ahead of the upcoming G-20 Leaders' Summit in New Delhi and have been closely watched as a potential catalyst for further de-



India and China gear up for the 19th round of Corps Commander talks to discuss resolution of the LAC stand-off

escalation between the two countries. It is worth noting that the bilateral relationship between India and China has been strained since the stand-off began last year. India has consistently emphasized that normalizing the relationship is contingent upon resolving the stand-off at the LAC. The talks at the Corps Commander-level represent an important diplomatic channel for both countries to address and defuse the tensions along the border.

While progress has been made in disengagement at some points, the successful resolution of the remaining areas of contention is crucial for a lasting peace in the region. Both India and China have expressed a commitment to resolving the stand-off through dialogue and peaceful means. The Corps Commander-level talks have proven to be an essential platform for these discussions, providing an opportunity for both sides to express their concerns and

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search for mutually acceptable solutions. As the talks progress, it is expected that both countries will continue to engage in constructive dialogue and work towards finding common ground to address the outstanding issues.

The international community remains hopeful that sustained efforts will lead to a lasting resolution and restore peace and stability along the LAC. Equanimus occupio nonih.

Spandana, Vijay Raghavendra's, tragically passed away due to a cardiac arrest

Bengaluru: In a tragic turn of events, the wife of popular Kannada actor Vijay Raghavendra, Spandana, has passed away due to a sudden cardiac arrest. The news has sent shockwaves through the Kannada film industry and has left fans in a state of disbelief. Spandana, known for her warm and amiable personality, was a beloved figure among the film fraternity and was cherished by many. Her untimely demise has left a void that will be hard to fill.

The news of her death has left Vijay Raghavendra and their family devastated, as they struggle to come to terms with this sudden loss. Spandana was known for her unwavering support and dedication towards her husband's career. She stood by him through thick and thin, being his pillar of strength. The couple had been married for several years and shared a bond that was admired by many. Their love story had inspired countless fans who looked up to them as an epitome of true love and companionship. The news of Spandana's tragic demise



Forever in our hearts, Spandana's untimely departure leaves a void

has brought the film industry together in mourning. Colleagues and friends of the couple have expressed their condolences and offered their support to Vijay Raghavendra during this difficult time. Messages of love and remembrance have flooded social media, as fans and

well-wishers express their grief and share their fondest memories of Spandana. Cardiac arrests can occur suddenly and without warning, making them especially devastating for families and loved ones. It serves as a reminder of the importance of regular health check-ups and maintaining a healthy lifestyle.

This tragic incident also sheds light on the need for greater awareness and understanding of heart health. As Vijay Raghavendra and his family navigate through this difficult period, they will undoubtedly find solace in the outpouring of love and support from their fans and the industry.

Spandana will be remembered for her kindness, grace, and her undeniable presence in the lives of those who were fortunate to know her. May her soul rest in peace, and may her loved ones find the strength to carry on her legacy.

Notably, Vijay Raghavendra is a cousin of late Kannada superstar Puneeth Rajkumar, who also died of a heart attack, age 46.

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EDITORIAL

The Majestic Himalayas

In the heart of the Himalayas, a captivating beauty awaits those who dare to explore its depths. Each step reveals a world of wonder, a symphony of geological marvels, thriving biodiversity, ancient cultures, and spiritual reverence. As I stood at the foothills, the rugged peaks seemed to call out, challenging me to embark on a journey of discovery.

The geological wonders of the Himalayas were evident in every direction. I marveled at the towering peaks, their majestic presence a testament to the collision of the Indian and Eurasian tectonic plates.

The convergence of these plates sculpted a landscape highlighted by deep valleys, fault lines, and U-shaped mountain valleys. It was as



if nature had crafted its masterpiece, a portrait of raw power and beauty. But it was not only the peaks that held my gaze. The vast ice rivers, known as glaciers, carved their way through the mountains, shaping the very essence of the region. The Gangotri Glacier in India, with its ethereal blue hues, stretched out before me, feeding the rivers that sustained life in the valleys below. The dazzling ice formations and the deafening roar of glacial meltwater were a testament to the constant change and renewal that defined the Himalayas. As I ventured deeper into this enchanting realm, the rich biodiversity of the Himalayas unfolded before my eyes. This majestic mountain range was a haven for countless rare and endemic plant and animal species.

The Eastern Himalayas stood proud as a biodiversity hotspot, an ecosystem teeming with life. I caught glimpses of the elusive Bengal tiger, watched as the Himalayan black bear roamed its do-

main, and marveled at the vibrant plumage of the Himalayan monal.

The flora was equally captivating, with rare and endangered plant species adding bursts of vibrant colors to the landscape. The Himalayas were not just a place of physical grandeur; they were also imbued with a deep spiritual significance.

Sacred rivers flowed through the valleys, their holy waters believed to purify and bless those who encountered them. The Ganges, Yamuna, Brahmaputra, and Indus rivers held a special place in the hearts of millions, their tranquil beauty intertwining with ancient temples and ghats that spoke of devotion and reverence. The sight of these rivers winding through the mountains, embraced by the surrounding cultural heritage, touched the depths of my soul. It was within this spiritual embrace that seekers from far and wide found solace.

As I explored the Himalayas, I discovered renowned spiritual destinations such as Rishikesh, where the Ganges flowed gracefully through the mountains. A sense of peace enveloped the air, encouraging introspection, meditation, and the search for enlightenment.

On my journey, I encountered ascetics, masters of ancient yogic practices, and those in pursuit of a deeper understanding of their inner selves. The Himalayas stood as a sanctuary, offering a space for introspection and self-discovery. But the allure of the Himalayas was not limited to spiritual retreats alone. Adventure beckoned from every corner, daring me to push my limits and embrace the thrill of the mountains.

Trekking through the valleys, conquering towering peaks, rafting down untamed rivers, paragliding over panoramic vistas, and embarking on wildlife safaris were just a few of the exhilarating activities that awaited the adventurous. The Himalayas provided the canvas, and it was up to me to paint my own adventure. As I immersed myself in the beauty of the Himalayas, I realized that its allure lay not in a single element but in the harmonious blend of geological wonders, thriving biodiversity, ancient cultures, and spiritual sanctuaries.

The Silver Screen's Unsung Heroes

■ KARTHIK S

In the glamorous world of cinema, where fame and fortune seem to take center stage, there exists a hidden tapestry of untold stories, woven by the lives of those who silently strive for the limelight.

Behind the glitz and glamour lies the immense struggle and resilience of aspiring actors, whose determination propels them forward through the rollercoaster journey toward their dreams. The life of a struggling film actor is a mosaic of perseverance, passion, and unwavering dedication. It is a life spent chasing auditions, honing their craft, and enduring countless rejections. Day after day, they navigate the labyrinthine alleys of the film industry, desperately seeking that one breakthrough role that will catapult them into stardom. It is a life filled with highs and lows, a constant battle against self-doubt, and an ardent pursuit of artistic expression. Behind the camera flashes and red carpets, these extraordinary individuals confront a reality painted with uncertainty and unpredictability.

Often working multiple jobs to sustain their dreams, they sacrifice financial stability and personal comfort in search of that one golden opportunity. Their relentless pursuit often leads them from one city to another, chasing auditions, attending acting classes, and networking with industry professionals who may hold the key to their success. Yet, amidst the struggle, a unique strength emerges. Struggling actors learn to embrace rejection as a stepping stone rather than a setback.

They learn to channel disappointment into self-improvement, to fuel their determination with the flames of resilience. They find solace in the camaraderie of fellow dreamers, forming tight-knit communities that provide support, encouragement, and a shared understanding of the sacrifices made in pursuit of their craft. The very process of struggling shapes these actors into multifaceted artists. They delve deep into their own vulnerabilities, mining



The life of a struggling film actor is a constant battle against self-doubt and a relentless pursuit of artistic expression.

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Rejection is embraced by struggling actors as a stepping stone for self-improvement and resilience.

Struggling actors form tight-knit communities, finding solace and support amongst fellow dreamers.

profound emotions and experiences to enrich their performances. They become master storytellers, breathing life into characters, and moving audiences with their authenticity and dedication.

Their hardships become the fuel that ignites their passion, infusing their performances with a depth and rawness that transcends the screen. Moreover, the struggles faced by these actors are not limited to the pursuit of fame. They challenge societal expectations and preconceived notions, breaking free from traditional molds and embracing diversity and inclusivity. Strug-

gling actors fearlessly pave the way for underrepresented voices, pushing boundaries, and demanding change within an industry that too often perpetuates stereotypes. The journey of a struggling actor is not measured solely by the accolades or the number of appearances on the silver screen. It is a journey of self-discovery, personal growth, and an unwavering belief in their craft. It is the embodiment of courage, determination, and unwavering passion for storytelling, creating a ripple effect that inspires others to chase their own dreams. As the curtain falls on this extraordinary feature, we are reminded of the struggles that often go unnoticed in the glittering world of cinema.

Struggling actors, the unsung heroes behind the scenes, deserve our admiration and respect. Their unwavering dedication, resilience, and continued pursuit of their dreams embody the very essence of the human spirit. So, let us celebrate the extraordinary lives of these aspiring artists, who persevere in the face of uncertainty, who carve their own path, and who light up the screen with their indomitable spirit.

In a world that cherishes instant fame, let us remember that it is the journey, not just the destination, that shapes the true triumphs of these unsung heroes of the silver screen.

Rising Above the Flames: Preserving Global Warming

In the face of a rapidly changing climate, the undeniable effects of global warming have permeated our world. The once-distant threat has unfolded before our eyes, leaving no room for ignorance or complacency. Global warming, a complex issue fueled by human actions, demands immediate attention and collective action to preserve the beauty and bounty of our precious planet.

Global warming, caused primarily by the emission of greenhouse gases into the atmosphere, has unleashed a series of cascading consequences. Ris-



ing temperatures, more frequent and severe natural disasters, shrinking ice caps, and disrupted ecosystems are just a few of the alarm bells ringing

in concert, warning us of the consequences of our actions.

Yet, even in the face of such daunting challenges, we must remain steadfast in our resolve and optimistic in our pursuit of solutions. The fight against global warming is not an insurmountable battle, but rather an opportunity for humanity to come together, forge new paths, and create a sustainable future. Central to solving this crisis is recognizing the importance of individual actions. Each one of us possesses the power to make a difference through simple yet mean-

ingful changes in our daily lives.

Reducing energy consumption, embracing renewable energy sources, and adopting eco-friendly practices are the stepping stones towards reversing the damage inflicted upon our planet. Beyond individual responsibility, national and international collaboration is crucial. Governments, policymakers, and business leaders must prioritize sustainability and implement measures that reduce greenhouse gas emissions, foster innovation, and promote environmentally conscious practices.



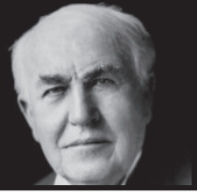
Medicine is not only a science; it is also an art. It does not consist of compounding pills and plasters; it deals with the very processes of life, which must be understood before they may be guided.

CLINICAL CUTTING EDGE

Medical domain

"The doctor of the future will no longer treat the human frame with drugs, but rather will cure and prevent disease with nutrition."

— Thomas Edison



Unlocking the Potential of Digital Twins

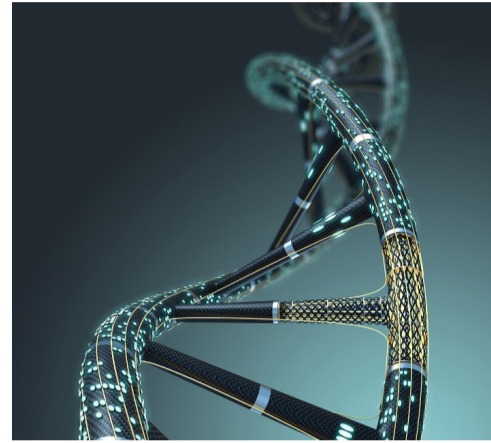
■ KARTHIK S

Digital twins have the potential to transform healthcare by enabling personalized medicine, predictive modeling, and optimizing hospital operations. A digital twin is a complex model that uses AI and data to accurately mimic a real-world object, such as a patient's body or a healthcare facility.

These digital twins can be used to predict the impact of treatments, determine the best course of action, and simulate possible scenarios. In healthcare, digital twins are still in the early stages of implementation but have already shown promising results.

For example, 3D digital twins of patients' hearts have helped determine if surgery is necessary, reducing the time to operation. Digital twins are also being used to

study diseases like Alzheimer's and multiple sclerosis, accelerate trial timelines, and develop personalized medical devices. To create a digital twin, a physical object or space is mapped using imagery and LiDAR technology, and real-world data is continuously synchronized with the digital twin. AI, machine learning, and predictive analytics process the information, allowing for modeling and simulations. Implementing digital twins in healthcare requires investing in new technologies and processes. This includes establishing priorities and objectives, building a connected infrastructure with sensors and IoT devices for data collection, utilizing modeling and analytics technologies, creating a data lake for storing large amounts of data, and involv-



ing data scientists experienced in working with complex algorithms and large datasets. The future of digital twin technology in healthcare is promising. Advancements in trusted AI,

data stewardship and security, and the proliferation of digital twin services will drive its evolution. Digital twins of healthcare facilities will lead to operational benefits, and progress is being made to digitize the human body for accurate representation. With increased data collection and improved user interfaces, digital twins will continue to enhance healthcare outcomes. To successfully implement digital twins in healthcare, organizations can partner with experts who understand the technology and processes involved.

Guidehouse, for example, has experience in developing strategies and deploying advanced technologies for healthcare organizations. Through their Innovation platform, Discover, they experiment with digital twins to drive innovation in healthcare.

Generative AI Technology in Revolutionizing Industries



■ MEENAKSHI V

Generative AI technology, employing deep learning algorithms, has the power to revolutionize multiple industries.

While casual users may have experienced the novelty of platforms like ChatGPT and Midjourney, the true potential lies in the intricate applications within the enterprise world. With full adoption and utilization, this cutting-edge technology has the ability to significantly expedite product development cycles, accelerate drug discovery timelines, create novel materials, generate synthetic data, optimize part designs, and automate creativity.

In fact, industry experts predict that by 2025, a staggering 30% of outbound marketing messages from large organizations will be synthetically generated. Furthermore, by 2030, there is even speculation that a major blockbuster film could be released with 90% of its content generated by AI. These practical applications are not distant dreams, but rather will be implemented and refined in the near future. However, caution must be exercised to address the risks associated with genera-

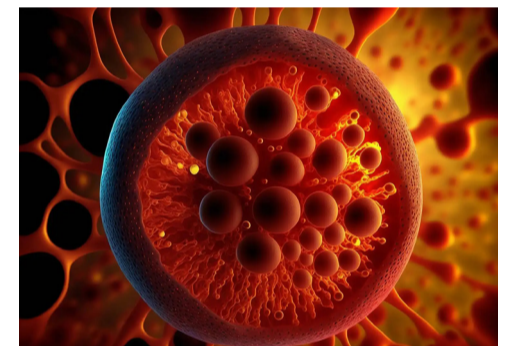
tive AI technology. One pressing concern is the emergence of deepfakes, which can have severe consequences in spreading misinformation and causing harm. Additionally, copyright issues may arise when AI-generated content infringes on existing intellectual property rights. Lastly, there is a valid fear of nefarious actors exploiting generative AI for the creation and dissemination of fake news. To fully harness the potential of generative AI technology while mitigating associated risks, it is essential for industry leaders, researchers, and policymakers to work together.

Robust frameworks need to be developed to detect and counter deepfakes, and intellectual property laws must adapt to accommodate AI-generated content. Moreover, strict regulations and ethical guidelines should be implemented to prevent the malicious use of generative AI in spreading misinformation and false narratives. By navigating these challenges, generative AI technology can become an invaluable tool for industries, leading to unprecedented advancements and efficiencies.

Breaking Into Cell Therapy

■ KARTHIK S

The field of cell therapy holds immense promise for revolutionizing the treatment of diseases, offering personalized and targeted therapies that can potentially cure conditions that were once considered untreatable. As more research and clinical trials demonstrate the efficacy of cell therapies, many immunology manufacturers are eager to enter this burgeoning market. However, breaking into cell therapy requires careful considerations to ensure success in this complex and highly regulated field. One crucial factor to consider is the scalability of manufacturing processes. Unlike traditional pharmaceutical manufacturing, cell therapies involve complex and intricate procedures that require specialized facilities, equipment, and expertise. Manufacturers must invest in scalable infrastructure to meet the increasing demand for cell therapies while maintaining quality and safety standards. Adhering to regulatory requirements is another critical consideration. Cell therapies are subject to rigorous regulations to ensure patient safety and product efficacy. Immunology manufacturers must have a thorough understanding of regulatory guidelines and establish robust quality management systems to navi-



gate the complexities of regulatory compliance. Collaboration and partnerships are essential for success in the field of cell therapy. Given the multidisciplinary nature of cell therapy development, manufacturers should explore collaborations with academic institutions, research organizations, and other industry players to leverage their combined expertise and resources. These partnerships can accelerate research, enhance manufacturing capabilities, and facilitate access to key raw materials. Furthermore, manufacturers should invest in ongoing research and development to continuously improve their cell therapy products. Innovations in cell manufacturing, processing technologies, and product characterization can enhance efficacy, safety, and patient outcomes.

Potential of 6G Technology

■ MEENAKSHI V

In the not-so-distant past, we were marveling at the transformative power of 5G and its impact on industries such as IoT, self-driving vehicles, and entertainment. Yet, even as we continue to push the boundaries of 5G, it's already time to set our sights on the next evolution: 6G.

The exciting aspect for many of us is that the full potential and capabilities of 6G have yet to be fully defined. This allows for hopeful speculation on what it could achieve, though we should also be prepared for potential disappointment. However, it may take a while before this disappointment sets in, as commercialization of 6G is not expected until 2030, following the telecom industry's customary 10-year cycle for introducing a new generation. While the exact details of 6G are still shrouded in uncertainty, there are certain aspects that we can already anticipate. 6G is expected to surpass the capabilities of 5G in terms of higher peak data rates, lower latency, increased connection density, and improved energy efficien-

cy. Whether the leap will be as revolutionary as the transition from 4G to 5G remains to be seen. However, experts widely agree that artificial intelligence (AI) will play a pivotal role in 6G technology, along with heightened focus on security, privacy, and privacy. One notable difference compared to its predecessor, 6G will witness greater government involvement in its design and implementation. Already, governments in countries like Korea, Japan, and the United States have expressed their intent to shape the future infrastructure of their nations.

As to whether this will be a positive development for privacy concerns, only time will tell. As we eagerly await the arrival of 6G, it is crucial to foster collaboration between industry players, researchers, and governments to ensure the technology is designed with the utmost consideration for privacy, security, and societal benefits. By addressing potential challenges proactively, we can maximize the potential of 6G while mitigating any drawbacks.

Durand Cup 2023: Parthib Gogoi's hat-trick powers NorthEast United to a 4-0 rout vs Shillong Lajong

Guwahati: In an exciting encounter at the Durand Cup 2023, NorthEast United put on an impressive show as they defeated Shillong Lajong with a resounding 4-0 victory. The star of the match was Parthib Gogoi, who showcased his superb skills and talent by scoring a remarkable hat-trick. Right from the start, NorthEast United dominated the game, displaying exceptional attacking prowess combined with a solid defense.

Parthib Gogoi quickly made his mark, scoring the opening goal in the 15th minute with a clinical finish. His early goal set the tone for the rest of the match,

firmly establishing NorthEast United's control over the game. Gogoi's relentless determination and clinical finishing were on display throughout the match.

He showcased remarkable footwork, dribbling past defenders effortlessly and showing excellent composure in front of the goal. With goals in the 37th and 55th minutes, completing his hat-trick, Gogoi took the game away from Shillong Lajong. In addition to Gogoi's heroics, the NorthEast United team exhibited excellent teamwork and coordination.

Their midfielders controlled the tempo of the game, while their

defenders successfully thwarted Shillong Lajong's counterattacks.

The result was a comprehensive 4-0 victory, leaving no doubt about NorthEast United's dominance on the field. This impressive performance by NorthEast United in the Durand Cup sends a strong message to their competitors. With Parthib Gogoi in top form and the entire team working cohesively, they are poised to make a deep run in the tournament. Fans eagerly await their future matches, anticipating more thrilling displays of football excellence from this talented squad.



Indian Cricket Team Faces T20I Setback Against West Indies



Lauderhill: After making a strong start to their tour of the West Indies by winning the Test and ODI series, the Indian cricket team faced a stumbling block in the T20I format.

The opening match of the T20I series ended in disappointment for India as they lost to the West Indies by four wickets. The West Indies, determined to bounce back after their previous losses, put up a formidable performance and secured their second win overall in this series. Despite some notable contributions from Indian players, including the likes of Virat Kohli

and Rohit Sharma, the West Indies managed to chase down the target and claim victory. However, this loss doesn't deter the Indian cricket team, as they have proven their ability to bounce back in the past. With four more T20Is to play, the team has ample opportunity to redeem themselves and get back on track.

The last two matches of the series are scheduled to be played in Florida, which adds an interesting dynamic to the contest. The Indian cricket team will now analyze their perfor-

mance in the opening match and work on rectifying any weaknesses or shortcomings. With their talented squad and strong leadership, they are determined to turn the tables and return to their winning ways. Cricket fans around the world are eagerly awaiting the upcoming T20 matches, anticipating thrilling displays of skill and fierce competition between these two teams.

The Indian cricket team's journey in the shorter format continues, and they are ready to put up a strong fight to regain control of the series.



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Esow Alben and Ronaldo Singh Charge at World Cycling Championships

France: India's top cyclists, Esow Alben and Ronaldo Singh, are gearing up to represent the country with pride at the upcoming World Cycling Championships.

The duo has already made a significant impact in the cycling world with their impressive performances and record-breaking achievements. Esow Alben, known for his speed and explosive power, has been a force to reckon with in the international cycling arena.

He has secured several podium finishes and made history by winning India's first ever junior world title



in cycling. Alben's experience and skill will undoubtedly be key to India's success at the Championships. On the other hand, Ronaldo Singh has been making waves with his exceptional talent and determination.

World Sailing Championships 2023 will begin later this week.

The World Sailing Championships 2023 are set to commence later this week, marking an exciting period in the Indian sporting calendar. Alongside this prestigious event, several other sports competitions are also scheduled to take place.

The Asian Champions Trophy, serving as a final preparation before the Hangzhou Asian Games, is on track for its concluding stages. Additionally, the Indian cricket team is nearing the end of their tour in the Caribbean and seeks to finish on a strong note. With multiple thrilling events unfolding, sports enthusiasts can look forward to a week filled with exhilarating action and memorable moments.

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