

## “You need to be patient, sometimes the truth doesn’t come out right away”

In a recent workshop, award-winning journalist Aliya Bashir highlighted the critical responsibility of investigative journalists to portray the complexities of reality, emphasizing the need for patience, ethical reporting, and a commitment to uncovering the truth amidst societal challenges

By Asba Rallapati

“The most important thing a reporter needs to do is to hold up a mirror to society,” a line from the classic film *All the President’s Men* tells us that investigative journalism is often seen as a career of secret files, hidden truths, and big headlines. However award-winning journalist and Journalismfund Europe recipient Aliya Bashir stressed at the recent cross-border investigative journalism workshop that was held on September 18 stated that an investigative journalist’s job is to portray the reality as it is, not just a matter of exposing wrongdoings. To make sure the public sees the full picture, no matter how uncomfortable or complex the truth might be.

This mission is brought to life by her, who has worked in the field for 15 years since her post-graduation days. In the time that followed, she had developed an incredible career as a freelance journalist. She began conducting fieldwork while still a student and writing for national newspapers. With a strong focus on human rights, gender justice, women’s issues, the environment, healthcare, education, and minorities, particularly in India and Indian-administered Kashmir, Aliya has made a name for herself as an independent



Aliya Bashir on Investigative Journalism. Photograph by Woxsen Creatives

journalist after working with prominent international media outlets like *The Guardian*, *Time*, *Global Press Journal*, *Reuters* and few other.

This job is not glamorous, as Aliya Bashir described, but is like being an honest police officer or prosecutor, “you have to stick to the truth, as long as you’re honest with your details, your work will have an impact.” Research, according to mod-

erator Imran Muzzafarr, Asst. Dean (International Relations) SOLH, is equally important. He further commented on how it differs from what you would do in a classroom. It is more important to follow the narrative and go into the specifics. They discussed, for instance, their story of Tamil fishermen who immigrated to the UK and were brutally exploited. As an example of how journalists

consider the wider picture, both colleagues said, “It’s important to look at all the causes, from economic, social to cultural factors.”

In addition, Aliya pointed out how challenging it can be to gain people’s trust. “It took time for the fishermen to open up and share their struggles,” she stated. Investigative training is essential for every aspirant because it teaches journalists how to

interact with individuals, establish credibility, and report the facts accurately. Aliya did not shy away from talking about the ethical challenges she has faced during her projects and provided tips to survive the world out there, especially as a female journalist.

A good investigative journalist requires more than just curiosity. “You need to be patient, sometimes, the truth doesn’t come out right away. You have to keep looking.” She underlined that, in addition to curiosity, critical thinking, and fact-checking are necessary to find the truth in the convoluted environment of today. It would be intellectually dishonest to rely on social media for reliable information, “People are always looking for quick news, but it’s our job to make sure the truth isn’t lost in the noise.” And for this reason, in her opinion, investigative journalism is of greater importance than ever. We need reporters who aren’t afraid to look for the truth and tell stories that matter. What advice did Aliya give aspiring reporters? Avoid being enamored with the notion of being a hero and never blur the lines between reporting and activism. “Focus on the work. Be patient, be ethical, and always keep learning”

## Woxsen University students visit *The Hindu* Newsroom

Journalism students from the School of Liberal Arts and Humanities embark on an industrial visit to *The Hindu*’s Hyderabad office, gaining firsthand experience of the newsroom’s operations and the evolving media landscape

By Anay Samarth

For a journalism student, understanding theory is essential, but no textbook can fully capture the dynamic operations of a newsroom. Recognising this, the School of Liberal Arts and Humanities organized an industrial visit to *The Hindu*’s Hyderabad office on September 27th. *The Hindu*, one of India’s largest English-language newspapers, has a long-standing reputation for unbiased and factual reporting, even earning the World Press Achievement Award from the News Media Alliance in 1968. The visit offered students a unique opportunity to experience firsthand how journalism functions at such a reputable publication.

The editorial team at *The Hindu* graciously set aside time to explain the complexities of newsroom operations. Mr. Ravi Reddy, Resident Editor, discussed the paper’s rich history and the process of transforming a basic idea into a published article.

Students interacted with key editorial figures, including Ravikanth Reddy, Political Editor; Serish Naniseti, Chief of Bureau; Vasudeva Murthy, News Editor; G. S. Subrahmanyam, Senior Deputy Editor; K. Shiva Shanker, Staff Writer; K. Sangeetha Devi, Senior Assistant Editor; P. Srikanth, General Manager of Advertising; and Nagara Gopal, Special News Photographer.

The discussions were enlightening as the editorial team detailed the meticulous process behind maintaining their high standards and the legacy associated with their name. They emphasized the importance of not only focusing on English newspapers but also valuing regional publications. The team candidly discussed the operational challenges posed by the rise of digital media and explained how they’ve adapted by adopting a digital-first approach, differentiating content for their online platform versus the print



SOLH visits *The Hindu* Office. Photograph by Woxsen Creatives

edition. Additionally, the students learned valuable lessons on writing feature articles, opinion pieces, and political journalism, as well as the myths surrounding journalism at such a major newspaper. As the Editor of *Woxsen Times*, Ashar Sayed had the privilege of presenting the latest edition of the university newspaper to Mr. Reddy.

At a time when print media has seen a sharp and steady decline globally, with newspapers and media houses shutting down, India remains one of the only nations to

have not just a steady circulation of print media, but a constantly growing one, and this was a matter of pride for the newsroom. While the COVID pandemic had eaten away at revenues, they were proud to announce to us that their revenues had recovered since then and they no longer considered that setback a deterrent. This is a testament to the prestige and quality of journalism at *The Hindu*, and of the spirit of journalism that has kept them and every other newspaper afloat in such unpredictable times. It would be wrong not to mention however, that the office had been downsized, and the focus of the newsroom shifted from covering all of Telangana to being limited to just Hyderabad. As a journalist, it is a sobering realization of the realities of media houses and the challenges of being a journalist in the current socio-economic landscape.

The *Hindu* team proudly high-

lighted India’s unique position in maintaining a growing circulation of print media despite the global decline. While COVID-19 had initially impacted revenues, they had since recovered—a testament to the resilience of Indian journalism. However, they also acknowledged the downsizing of the office and a shift in focus from covering all of Telangana to concentrating on Hyderabad. It was a sobering realization of the realities media houses face and the challenges of journalism in today’s socio-economic landscape.

This visit provided invaluable hands-on exposure to the students, allowing them to learn directly from seasoned professionals with decades of experience. It also underscored the School of Liberal Arts and Humanities’ commitment to offering industry-oriented learning experiences, preparing students for the evolving challenges of modern journalism.

## Deeksharambh Welcomes the New Cohort of B.Tech

The orientation program for the new batch

By Shazia Mebek

From August 30th to September 3rd, the campus buzzed with excitement about the newly joined batch, with activities planned by the dedicated student body under the supervision of first-year program director Dr. Shaik Ahmed, the goal was simple: give students a taste of what it means to be a part of Woxsen Family. Weeks of preparation by the student volunteers paid off, ensuring every moment of the week-long event left the new batch feeling connected and ready to thrive.

The transition to this journey began with the traditional light-lamping ceremony, a symbolic gesture of lighting the way for these new beginnings. Our Vice Chancellor, Dr. Krishna Chalam, and Dean, Dr. Kiran Kumar Ravulakollu, delivered heartfelt speeches, encouraging students to embrace the future of technology, learning, exploring, and personal growth.

To make them relish what it's like to be part of Woxsen community, the categories of events included a variety. Students were familiarized with each department which guided students through essential policies, ranging from the examination cell to the placement cell, others like the International Relations (IR) office, Disciplinary Committee (DC), and the registrar, also played a crucial role. They ensured that freshers were well-informed about the opportunities, rules, and regulations they would need to adhere to. During the Orientation, prominent Guest Lectures helped students get a peek into industry life, equipping them with the knowledge necessary to begin their



SOT Orientation at Woxsen University. Photograph by Woxsen Creatives

journey. One of the guest lectures "The Power of Thinking Unthinkable" by Mr. Anil Pradhan was influential to students. Whether the career path is to find a job or have a startup, pursue higher education, or be involved in research, all the doorways were shown. The eagerly enthusiastic students filled the atmosphere with peak interest and questions, delighting the speakers.

The mentoring session by SOT faculty assured the new batch of an impactful curriculum guaranteeing a supportive academic journey. Meanwhile, the engaging sessions led by the Alumni, Seniors who interned, and international exchange students served the freshers as inspiration, igniting their curiosity to learn and carve a successful path to their goals.

The club orientation, had Club presidents introducing their clubs with engaging activities that caught students' attention. Students responded, expressing excitement to see the clubs of their interest. The Project

Expo by senior students showcasing their works to the supposed rookies equipped them with the groundwork necessary for building a project that the university expects.

The physical and creative activities summed up the orientation program making it wholesome. Despite the rainy weather the program where students' engagement was spirited, continued. Treasure Hunt, Fresher's Got Talent, Sports, and Track (brisk walking) unveiled the hidden talents of the newly joined batch.

Starting university is no small feat. Transitioning from school to campus life can feel like diving into the ocean of unknowns. At Woxsen University, Deeksharambh was all about making the dive smoother. Though the orientation program was successful, it wasn't easy to navigate through the challenges faced by the organizers. The future of engineering in Woxsen while looks promising would only be verified by the success of this zealous batch.

## Masters Conclave on STEM graduate program in the USA

From classroom to career innovation, Technology Club's pilot event for this year in conjunction with International Relations and School of Technology was a call to all the undergraduates aiming for higher education

By Shazia Mebek

In collaboration with Seed Global Education, the event featured a few of the top STEM schools from the US for Master's programs. Held in LT1 on Thursday 26th September hosting enthusiastic undergraduates, the event sponsored the opportunity to network with esteemed university graduate recruiters for their Post Graduate studies.

The event began with an introduction by Mr. Paras Fatnani, Co-Founder of Seed Global Education, who emphasized their mission to connect talented students with top-tier universities. The esteemed guests from these institutions included: Mark Khan, Director of Master's marketing and enrollment, Boston University; Jenny Choy, Graduate Admissions Officer, Columbia University; Katherine Hugins, Associate Director of Admissions & International partnerships, George Washington University; Emily Agnello, Assistant Director Graduate recruitment, Loyola Marymount University; Carrie Bowling, Senior Assistant Director Graduate Marketing and Recruitment, New York University (NYU).

Each of the academic delegates

began by introducing their universities' admission criteria, along with their geography to STEM graduate programs. The key moment of the event was a panel discussion where the guests answered questions revolving around the admissions process, including essays, expectations, GPA requirements, extracurricular involvement, and tips for international students. The discussion was further enriched by students' personal questions, allowing for tailored advice. The event concluded with the felicitation of guests, which was followed by one-on-one sessions in their university-specific booths, offering students a unique opportunity to speak exclusively with university representatives. This provided valuable insights into what each school looks for in a candidate.

The discussion highlighted the importance of presenting a well-rounded application that includes academic achievements, extracurricular involvement, and SOPs. Students uncovered that academic excellence is essential, but universities also seek candidates who can contribute to their campus culture and adapt to diverse environments.



Conclave on STEM by Foreign Institution at Woxsen University. Photograph by Creatives

## The Art of Drapery

Drapery fused with a pragmatic approach to eco-friendly ambition was the key takeaway from the workshop

By Shazia Mebek

When we hear 'drapery', what often comes to mind is traditional Indian sarees, there are more pleats to drapery than that. Drapery is more than just folds of fabric, the forty-five-hour module under Ashutosh Kumar complemented by Dr. Susan Ashdown's session, involved peer learning, where semester five students introduced basic drapery techniques to semester 3 fashion design students, assisting them through the process.

Dr. Ashdown's session led students into the world of drapery, from its evolution of different techniques to behavioral aspects of fabric, imbibing students with inspiration to bring life to the art form. The Module introduced drapery with zero garment waste advocating sustainability. As

students explored techniques like pleating, hemming, and balancing the fall of a garment, a key point came to their realization; sketching the drape designs is fulfilling but it may fail in performance, establishing feasibility as a dominating factor over aesthetic. The session also focused on how sustainably the fabric could be sourced and used for different bodies considering different body shapes. This leverages the reduction of fabric usage, time, and resource consumption. Ruffle, Flounce, Peplum, Godet are some of the draping applications that were explored on body forms and fittings by the students.

"Behavior of the garment" a challenge to be addressed during the module centered around handling the fabric, and constantly trying to

keep it wrinkle-free to have that flawless final output. The pinning technique guided designers in understanding how their designs were shaping up before they reached an appealing conclusion.

On understanding this functional workshop Poshitha Allu, one of the fashion design students attending, quotes "I began to see drapery not just as fabric and folds but as a way of storytelling and problem-solving. Understanding how to capture the essence of drapery has made me appreciate the skill and artistry involved in it"

The true beauty of drapery lies not only in how it hangs but in how it transforms space and garments into living art. Each pleat holds stories that are to be explored with each fold.



## Are villains made by victims or made by choice?

At the Kaleido event, the panel explored the origins of iconic villains that people have been obsessed with

By Ryan Anju Matthew

At the Kaleido X Chitrastra Film Festival 2024, a thought-provoking panel explored one of cinema's most intriguing questions: "Are villains made by victims or made by choice?" On Day 2 of the festival, the discussion took place in the Library Basement, led by Mr. Viishnu Ponna (Film Designer), Mrs. Divya (Asst. Professor), and Mr. Dheeraj Rayalu Tadi (Asst. Professor). The session delved into the psychology behind iconic villains, examining whether these characters are shaped by circumstances or act as agents in their descent into darkness.

Mr. Viishnu Ponna set the tone with his opening statement: "There has to be someone to suffer; only then will there be a villain." This remark sparked a deep exploration of what drives a character into villainy—whether it be societal rejection or personal ambition.

Psychology professor Mr. Dheeraj Rayalu Tadi reflected on how villains in films often emerge from societal constructs. He cited *Kabali* as an example, explaining that such characters reflect broader social conflicts, with villains symbolizing outsiders who resist imposed norms. He remarked, "Cinema mirrors sociological shifts. Anti-heroes speak for the frustrations people have but can't express."

Prof. Divya, a scriptwriter and professor, added an interesting perspective: audiences often relate more to villains than heroes. "We all



Panel Discussion on Origins of Villains.. Photograph by Communication Design Club

have a dark side, and villains allow us to confront that without crossing the line ourselves," she noted. Using *Joker* as an example, she highlighted how villains resonate with viewers because they embody the darker impulses we all suppress.

The panel also explored the rise of anti-heroes—characters who blur the line between right and wrong. Prof. Divya discussed *Pushpa*, a film where the protagonist can be seen as both a hero and a villain depending on the viewer's perspective. "Pushpa ruptures society's norms," she said, "and while he's a villain in the eyes of the law, he's a hero to his people." Prof. Dheeraj added that anti-heroes offer audiences a vicarious thrill, providing an outlet to challenge societal rules.

As the discussion became more philosophical, the boundaries be-

tween good and evil blurred. Prof. Divya argued, "Good and bad were concepts created for convenience. In reality, we operate in the gray." Prof. Dheeraj followed with his thoughts on free will, questioning whether we are truly autonomous or if our choices, like those of film villains, are shaped by external forces.

The panel concluded with the audience reflecting on whether villains are products of circumstance or their own decisions. It was clear from the discussion that the nature of villainy, both in film and in real life, is complex and far from black and white. Regardless of their origin—whether fated or chosen—villains continue to challenge our understanding of morality, proving that they are just as integral to the story as heroes.

## Vertical Farming, Sustainability, and Therapeutic Design

An idyllic output of collaboration between clubs on two verticals- sustainability and design creates awareness

By G. Moksitha & D. Mounika

On September 28th, 2024, Woxsen University's Sustainability Club and Interior Design Club collaborated on a unique vertical farming workshop near Career Connect. The initiative aimed to raise awareness of hydroponics—an innovative technique of growing plants without soil using nutrient-rich water solutions—while integrating creative design elements to enhance the learning experience.

Led by Chethana from the Sustainability Club and Sri Nibha from the Interior Design Club, the workshop emphasized how sustainability and design can go hand in hand. "To grow awareness about hydroponics and make the path green," Chethana shared, reflecting on the club's goal to promote environmentally-friendly practices. Sri Nibha, representing the Interior Design Club, added, "Interior design at Woxsen is not just about decorating rooms; it's about fostering creativity and collaboration."

The event attracted enthusiastic participation from students, so much so that it extended into the following day, September 29th. The collaboration between the two clubs proved to be fruitful. While the Sustainability Club focused on educating partic-

ipants about hydroponic techniques, the Interior Design Club brought creativity to the forefront by engaging students in painting and doodle art activities.

"Art is therapy," Sri Nibha remarked, as she explained how the act of creating designs not only made the experience enjoyable but also therapeutic for the students. Chethana echoed this sentiment, stating, "We wanted to create something beautiful and green for the community." The final result—a vibrant canvas near Career Connect—stood as a testament to their collaborative efforts.

Despite some challenges, such as limited funding and initial difficulties in organizing the event, the collaboration was deemed a success. Both clubs contributed their unique strengths, with the Sustainability Club providing the technical knowledge on vertical farming and the Interior Design Club adding aesthetic value. In the end, the workshop fulfilled its dual mission: spreading awareness about sustainable farming practices while proving that design can transform any space into an inspiring work of art.

Vertical Farming Workshop organized by Sustainability and Interior Design Clubs. Photograph by Woxsen Creative



### COMICS

By Thomas G. Putbukayil



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## “Aprajita”: A Must or a Mistake?

By Kruth Aryan Kadam

The debate over the “Aprajita” anti-rape bill in India has sparked intense discussions on critical issues surrounding sexual violence, justice for women, and human rights. Held at the Moot Court on September 12th, the event drew a diverse audience eager to hear perspectives on both sides of the bill, highlighting the urgency of addressing rape while examining the broader implications of the proposed legislation.

Supporters of the bill, including Sathwil Reddy, Anekhya, Ransom, and Safwan, argued for the necessity of stricter punishments to deter potential rapists. Citing the alarming statistic that approximately 85 rapes occur daily—many of which remain unreported due to societal stigma—the team emphasized the need for harsher penalties, including the death sentence, to instill fear and

prevent such crimes. Referencing the infamous Delhi gang rape case, they underscored the perpetrators’ casual justification—“because she was roaming out at night”—as an example of how such attitudes persist unchecked. Safwan further pointed out that despite previous legislative efforts, sexual violence continues to thrive, indicating that stronger measures are crucial.

In contrast, the opposition, represented by Mohan Sai, Abhishek Yadav, Mohammad Mustafa, and Swastika, raised significant concerns about potential human rights violations and the risk of wrongful convictions. They highlighted that the proposed 21-day investigation deadline could lead to hasty conclusions and imprison innocent individuals. Abhishek Yadav noted that approximately 53% of reported rape cases have been found to be false,

raising questions about the fairness of enacting the death penalty without considering the possibility of judicial errors. The team argued that while harsher laws aim to deter crime, they might end up punishing the innocent rather than addressing the root causes of sexual violence.

The debate illuminated broader societal issues that perpetuate sexual violence. Many women, particularly from marginalized communities such as Dalits, face numerous barriers to justice, while societal stigma often silences victims. Ransom expressed concerns about how fear of sexual violence restricts women’s freedom to work at night or engage in social activities, negatively impacting their mobility and the nation’s tourism. Panelists also noted that many rapists justify their actions based on stereotypes, further complicating the issue.

The participants also explored international perspectives. Proponents of the bill pointed to countries like the UAE and Kuwait, where the death penalty for rape has reportedly led to a decline in such crimes. However, opponents countered that over 135 countries have abolished the death penalty, arguing that it is both ineffective and poses a significant risk of wrongful executions.

One of the most profound points raised during the debate was the recognition of rape as an assertion of power, not just a sexual act. Many rapists are driven by a desire to control and dominate, often targeting those they perceive as vulnerable. A key conclusion reached by both sides was the importance of educating society on consent and sexual relationships. Without a fundamental shift in societal attitudes, participants argued, the cycle of violence is

likely to continue.

The “Aprajita” anti-rape bill debate underscored the complexities of combating sexual violence in India. While there is an undeniable urgency to deliver justice to victims, the potential risks—such as human rights violations and wrongful convictions—require thoughtful consideration. The challenge lies in balancing the immediate need for justice with the long-term goal of fostering a culture of respect, consent, and safety for all individuals.

In recognition of the contributions made during the debate, Mohammad Mustafa secured 1st place, Safwan 2nd, and Ransom 3rd. The event offered a platform for thoughtful discourse and, it is hoped, will lead to actionable solutions that prioritize the safety and dignity of women and all members of society.

## Advertorial

### Discover the Literature Club at Woxsen University

The Literature Club at Woxsen University is a vibrant community that brings together students passionate about exploring literature in all its forms. With a mission to make literature accessible and engaging for everyone, the club offers various events and activities designed to inspire a love for reading, writing, and discussion.



literature, particularly voices from India that often go unheard. Understanding the importance of collaboration, the Literature Club actively seeks partnerships with other student organizations. By connecting literature with various fields—such as technology, culture, and social issues—the club aims to create immersive experiences that enrich the Woxsen community.

One of the upcoming initiatives will focus on Urdu literature and encourage members to collaborate with peers who share similar interests, expanding the club’s reach and influence.

#### Join the Literary Adventure

Whether you are a lifelong book lover or just beginning to explore the world of literature, the Literature Club at Woxsen University invites you to join their exciting journey. With a commitment to diversity, collaboration, and accessibility, the club is dedicated to celebrating the beauty of literature and fostering a welcoming environment for all students.

Stay connected with the Literature Club to learn more about upcoming events and opportunities to get involved!

Zoya, Literature Club President, photographed by the Literature Club.



#### Recent Event: “Navigating Ethical Dilemmas”

One of the club’s recent highlights was the thought-provoking event titled “Navigating Ethical Dilemmas.” This event focused on philosophy and its relevance to everyday life, encouraging students to engage with complex ideas in a relatable way. The event featured discussions on famous philosophers and their theories, transforming abstract concepts into real-world moral dilemmas.

Participants were invited to share their thoughts and perspectives, fos-

tering an open dialogue about ethical issues that affect us all. The club aimed to create an inclusive atmosphere where both seasoned literature lovers and newcomers could contribute and learn.

#### Expanding Horizons

The Literature Club is committed to broadening its audience and ensuring that literature resonates with a diverse group of students. By organizing events that cater to various interests, the club seeks to make literature relevant to all areas of study and life. Plans include delving into poetry and exploring regional

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# The Price of Conflict: A World that's at War

By Deepak Kotagiri

One conflict, countless repercussions. The Israel-Iran war is sending shockwaves through global markets, leaving the financial world on edge. Geopolitical tensions between these nations are fueling chaos, with ripple effects being felt worldwide. With Iran rallying the Axis of Resistance and Israel backed by the U.S., the conflict risks drawing in powers like Russia and China, raising fears of a potential World War III.

## Crude awakening, is oil about to explode?

Crude crisis ahead? Crude oil prices surged from \$70 to \$76 per barrel escalating tensions with Iran, knowing that the country produces about 4% of global oil. A potential spike in oil prices to \$100 per barrel is anticipated if supply disruptions occur, impacting consumer prices across Asia by 0.2 to 1.4 percentage points for every \$10 increase. While markets are cautious, they remain stable, supported by the U.S. as a net oil exporter and OPEC+ pledging to boost output by December. However, fueling the flames, any attack on Iran's oil infrastructure bases could shift the balance dramatically. (161% spike could be predicted) Oil prices are still below last year's levels, due to increased U.S. production and sluggish demand from China.

## Choking point, geopolitical bottleneck?

Iran exports about two million barrels every day and any tension near the Strait of Hormiz would create a geographical choke point that would affect the supply-demand of the economy. This route extends between the Gulf of Oman and the Persian Gulf, which would be a major setback for Asian countries that are majorly dependent on Arabs for their oil. The Red Sea and Suez Canal routes are crucial for maritime trade, facilitating the movement of over \$400 billion in goods annually. Instability in this region threatens not only shipping lanes but also the overall security of global commerce.

## In Times of War, Gold Shines

Gold often serves as a safe-haven asset during geopolitical tensions and economic uncertainty. Its value typically rises as investors seek stability, particularly when other markets experience volatility. Historical data shows that during conflicts or crises, gold prices can surge as demand increases, reflecting its role as a hedge against inflation and currency fluctuations.

## The strain on emerging markets

The Israel-Iran conflict negatively impacts emerging markets in Asia and Africa by causing capital

flight and currency instability. This tension leads to reduced investments and rising commodity prices, worsening inflation and altering trade dynamics as countries reassess their alliances. For instance, India experienced a notable decline as foreign institutional investors diverted from their investments. While there may be multiple contributing factors, this trend could hinder economic growth and complicate trade relations.

## Energy in Peril, Conflict Fuels Inflation and Risk

The Israel-Iran conflict threatens to worsen Europe's energy crisis, particularly in the already destabilized natural gas market due to the war in Ukraine. This escalating tension could drive energy prices higher across the continent, further intensifying inflationary pressures. As nations grapple with rising costs, the urgency to secure stable energy sources will become paramount, potentially reshaping energy policies and market dynamics. Alternative markets such as LNG could see increased demand as countries would not risk and would look for more stable energy sources.

## All eyes on defense and cybersecurity?

The Israel-Iran conflict has driven defense stocks higher, with companies like Lockheed Martin seeing a 5% increase in share prices. The S&P 500 Aerospace and Defense Index has also surged, reflecting investor confidence in the sector as a haven amid geopolitical tensions. Both Iran and Israel possess strong cybersecurity capabilities, with Israel being a global leader in cyber defense and innovation, while Iran has been increasingly investing in its cyber operations. The conflict may lead to heightened cyber threats and retaliatory actions, necessitating vigilance over substantial growth in this area. The U.S. crude oil market remained stable during the Israel-Iran conflict due to increased domestic production, making the U.S. a leading oil producer. The strategic petroleum reserve offers additional security against supply disruptions, while diversified supply sources and steady global demand further cushion prices. OPEC has also helped keep the market stable.

## Market Signals, Understanding Landscapes.

The S&P 500 index closed at \$5,751.07 on Friday, inching closer to its all-time high of \$5,745. This level presents a significant resistance point, with strong liquidity above it. A support zone exists between the 5,700 and 5,660 levels, suggesting that if the index declines, it could experience a bounce back from this area. Just below that, a strong Fair

Value Gap indicates that if the price retraces, it may find a balance in the market and rise again.

As of October 4, 2024, the Relative Strength Index (RSI) for the S&P 500 stands at approximately 61.44. This level indicates that the index is nearing overbought territory but has not yet hit the critical threshold of 70. In terms of moving averages, the 50-day Exponential Moving Average (EMA) has crossed above the 100-day EMA, suggesting a significant bullish trend; however, a minor correction may be imminent as it approaches the 100-day Moving Average (DMA). Recent volume spikes indicate anticipation of a major price movement, while the current price-to-earnings (P/E) ratio of around 23.43 reflects the market's valuation relative to earnings.

The geopolitical climate has dampened investor enthusiasm, contributing to the index's recent downward movement after an impressive performance earlier in the year. Moreover, the MACD shows bearish sentiment with negative divergence, suggesting that despite potential price increases, underlying momentum is weakening, signaling a reversal or consolidation. The current put-call ratio for the S&P 500 options indicates a shift toward bearish sentiment among investors. A high ratio suggests that investors are hedging against potential declines, which could indicate a crowded trade that may lead to a short-term reversal. The VIX, also known as fear gauge, has seen fluctuations in recent weeks. A rising VIX indicates growing investor anxiety, which could signal a market pullback. While the S&P 500 remains close to historical highs, these indicators point to potential short-term corrections, which may be beneficial for market stability.

## Beyond conflict.

The Israel-Iran conflict is not merely a regional struggle; its implications reverberate across global markets and economies. Volatility is anticipated across various sectors, especially considering the upcoming election month. As nations reconsider their dependencies on Middle Eastern oil, the ripple effects on emerging markets and commodity prices will demand careful monitoring. This conflict serves as a reminder of the interconnectedness of today's financial world, where geopolitical tensions can trigger profound economic consequences. Considering the Israel-Iran war, one can't help but wonder, are we witnessing a geopolitical game of chess or indeed a surface serenity? Peace is imperative, the absence of it could unleash chaos and the aftermath will echo across societies and economies forever.

# Examining the Global Impact of U.S. Political Choices in a Divided Electorate

As 240 million Americans consider their political choices before the November 5 election, are they facing a dilemma similar to "Vikram and Betal"?

By Anikba Ahmed

On September 13, 2024, our university's Debate Club conducted a thought-provoking session on the topic "Democrats vs. Republicans and Its Global Impact." The event was a critical success with two teams coherently putting forth different opinions & ideas. The debate remained cordial, highlighting that U.S. elections go beyond Republican vs. Democrat victories, with global repercussions to follow by their ripple effect worldwide.

As the argument concluded, it was evidently inferred that Harris and Trump were in a headlock over winning the Oval Office, with their various policies and schemes serving as bait for their supporters. The debate raised a crucial thought to ponder upon: Are voters forced to choose between less desirable leaders, neglecting the wider global consequences of their choices? This dilemma shows the frustration of a divided electorate and highlights the important connections between political ideals, local issues, and global challenges.

In many electoral cycles, voters often express a sense of disenchantment with their choices, feeling trapped between candidates who reflect a range of knotty values and policies. As a result, voting can feel like a utilitarian decision. A new poll conducted by the Guardian offers valuable insights into this dilemma by comparing some economic proposals of Kamala Harris and Donald Trump. The polling data indicates that many Americans, faced with pressing economic concerns, gravitate toward immediate relief offered.

The standout proposal by Harris—a federal ban on price-gouging of food and groceries—gained the support of 44% of respondents. This initiative directly addresses a primary concern for many Americans, as 66% identified the rising cost of living as their most pressing economic issue. Other well-received Harris proposals included expanding the child tax credit and offering tax breaks for new small businesses, each garnering support from 33% of those surveyed. Harris's focus on immediate economic issues resonates particularly well with millennials and Gen Zs who acknowledged that at least one of her proposals would positively impact the U.S. economy.

While Harris's proposals found broad appeal, Trump's policies remain popular among his core supporters. For example, his plan for mass deportation policy or the "America first" trade policy which

emphasizes creating & retaining jobs in the U.S. — particularly in manufacturing and agriculture—reduces dependence on international supply, prioritizes American-made products, and focuses on local production, innovation, and investment. It received approval from 43% of Republicans as beneficial for the economy, though it met with skepticism from independents and Democrats.

The stark contrasts in the popularity of Harris's and Trump's proposals invite a deeper inquiry into the nature of electoral choices. Many are left to wonder whether they are inadvertently sidelining broader global challenges such as climate change, international trade, and geopolitical tensions.

For instance, one of Harris's policies on price gouging for food and groceries could overshadow national and global issues, such as food shortages, impacts on food quality, and the added regulatory burdens that disproportionately affect small businesses with fewer resources than larger corporations, among others. While the intention behind price-gouging bans is to protect consumers during crises, the interconnectedness of economies means that issues in one region can spread through global supply chains.

Similarly, while Trump's deportation policy is popular among a segment of his base, it centers on a narrow view of immigration, often ignoring global humanitarian crises that drive migration, such as war and climate change. His "America First" Trade Policies prioritize U.S. economic interests. Still, they may undermine international trade agreements vital for economic growth and stability, allowing the U.S. to set its tariffs and change trade agreements without taking accountability.

As the political landscape heats up ahead of upcoming elections, it invites a larger conversation about the kind of leadership voters desire. Should U.S. leaders consider the global impact of their proposals, even if they offer short-term economic gains for the country? Are voters trapped in a cycle of opting for the "lesser evil" when they support candidates based on selective proposals beneficial only for their country, or is there a genuine movement toward those promising a broader, more impactful vision? In a world increasingly defined by interlinked challenges, the implications are high, the choices are profound & the conversations are worth having!

## Dr. Musarrat Shaheen's Visit to Turkey Explores Academic and Cultural Horizons

During her recent visit to an academic conference in Turkey, the Associate Director of Research at the School of Business, Woxsen University, experienced the country's unique blend of intellectual and cultural vibrancy

By Sayed Asbar

"This experience has opened doors for future collaborations that will benefit both our faculty and students, further enhancing Woxsen's global academic footprint," states Musarrat Shaheen in her recent interview with *Woxsen Times*. The conference, one of Turkey's globally recognized Academy of Management events, was held at Istanbul University, a prominent government institution, and showcased over 200 papers across various management fields. This year's focus was on "Future of Work Design," a theme closely aligned with Prof. Shaheen's teaching and research interests in HR and employee engagement.

What intrigued her the most was the focus on work design and its relationship to employee well-being and HR management, an area she found highly relevant to her work, Dr. Shaheen explained. She presented two research papers at the conference and was honored with the role of session chair, where she provided feedback on other scholars' work and discussed ways to enhance their papers for academic publication.

One of the highlights of the event was the keynote address by Professor Peter Bamberger, the president of the Academy of Management. Prof. Bamberger discussed the quality of research and its broader impact on society, emphasizing that research should extend beyond journals to solve societal and corporate issues. He also provided insights into top-tier journals, including those featured in the *Financial Times' Top 50 Journals*. Dr. Shaheen expressed that she found it inspiring to learn how impactful research can transcend metrics and drive real-world solutions. Another standout moment was the corporate panel discussion on women entrepreneurs in Turkey. The panel shed light on the challenges and triumphs of women leading businesses in a male-dominated society, which the Associate director found particularly compelling.

"In a culture deeply rooted in Ottoman traditions, seeing women entrepreneurs successfully leading companies was inspiring. I even invited one of the panelists to visit Woxsen University for a



Dr. Musarrat Shaheen's visit to Turkey. Photo Credit: Dr. Shaheen

guest lecture," she added.

### Collaborations with Turkish Universities

Dr. Shaheen's visit wasn't limited to the conference. She also took the opportunity to foster potential academic collaborations with Turkish institutions. A key highlight was her visit to Istanbul Aydın University, where she met with Prof. Osman Gultekin and explored opportunities for collaboration between Woxsen University and Turkish academic institutions.

"We signed a Memorandum of Understanding (MoU) with Istanbul Aydın University, focusing on student and faculty exchanges, joint research projects, and access to grants from Erasmus Plus and the European Union. It was important to turn this partnership into something more productive than just a paper agreement," Prof. Shaheen shared.

The MoU will enable Woxsen students to participate in short-term programs at Istanbul Aydın University, such as the Delightful Istanbul program, a two-week certification course that also of-

fers cultural immersion in cities like Istanbul and Antalya.

### Cultural Immersion and Diplomacy

Dr. Shaheen also visited the Indian Consulate in Istanbul to explore potential collaborations between India and Turkey in the education and business sectors. Her meeting with Navin Chandrajal, a senior officer at the consulate, opened discussions on future opportunities for Indian businesses in Turkey and vice versa. Her visit also offered her a glimpse into Turkish culture, including attending a cruise dinner on the Bosphorus River, where senior academics and conference attendees mingled informally, enjoying Turkish cuisine and local music.

The excursion was not just an academic journey but also a cultural exchange that promises to foster long-term collaborations between Woxsen University and Turkish institutions. Her experiences highlight the importance of cross-border academic and business partnerships in today's globalized world.

## Beyond the Classroom and Boardroom

By Sai Vyomini Patamsetty

"The pessimist complains about the wind. The optimist expects it to change. The leader adjusts the sails." Leadership and learning go hand in hand, and on September 6, 2024, Woxsen University brought this synergy to life through its inaugural "Leadership Dinner 1.0" at Park Hyatt, Hyderabad. This event was a convergence of some of the brightest minds in academia and the corporate world, offering a unique platform to bridge the gap between classrooms, boardrooms, and the broader world beyond. It was an evening of inspiration, collaboration, and exploration of what it takes to produce not only exceptional professionals but also better human beings.

The Leadership Dinner provided an excellent opportunity to discuss strategies for preparing the next generation of leaders. Discussions centered on the importance of holistic development that extends beyond academic achievements or corporate roles. The attendees explored how universities can play a critical role in connecting theoretical knowledge with real-world applications, creating a #FutureYou that is resilient, adaptable, and capable of thriving in complex industries.

The event featured contributions from industry leaders across various sectors, each offering valuable insights into the challenges and opportunities of today's rapidly changing global landscape. Conversations touched on key issues such as digital transformation, sustainability, healthcare innovation, and aerospace technologies. Attendees included executives from some of the most respected organizations, such as Deloitte, Dr. Reddy's Laboratories, TCS, SAP, Sekhmet Pharmaventures, Skyroot Aerospace, and the College of Defence Management, among

others.

One of the main takeaways from the evening was the power of partnerships between academia and industry. Leaders emphasized the importance of collaboration in addressing socio-economic challenges, driving innovation, and fostering leadership capable of navigating an interconnected world. Both sides recognized the immense value of sharing knowledge and expertise, not only for the current generation of leaders but also for the future trailblazers emerging from institutions like Woxsen University.

The evening also highlighted the significance of Management Development Programs (MDPs), which aim to enhance the leadership, managerial, and decision-making abilities of professionals and executives. Dr. Raul emphasized key pillars essential for global collaboration: partnerships with top institutions, a diverse student body to foster cross-cultural communication, and global learning opportunities such as study abroad programs and internships. These programs equip participants with the skills to navigate international business challenges, offering insights into leadership, global perspectives, and networking opportunities.

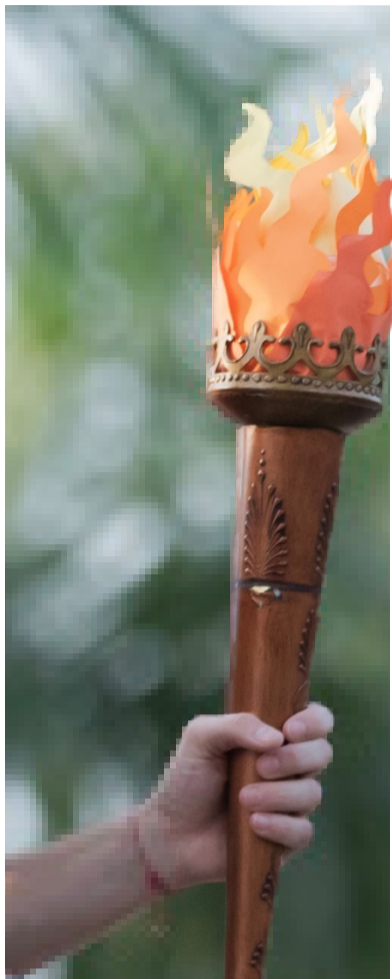
The Leadership Dinner was more than a networking event—it was a step forward in aligning education with the evolving demands of the global industry. It showcased the importance of bridging the gap between academic trailblazers and business executives, working together to reshape higher education and prepare students for the challenges of the future. Through this collaboration, Woxsen University is helping to foster an ecosystem where education and industry needs come together, paving the way for the leaders of tomorrow.



Woxsen's Inaugural Leadership Dinner 1.0. Photograph by Woxsen Creatives

## Track Events at Woxsen Olympics: Showcasing Speed, Endurance, and Teamwork

By Thusbar and Disba



The track events at the Woxsen Olympics 2024 were a thrilling display of speed, endurance, and teamwork. From the 100m sprint to the 1500m race, athletes competed fiercely, putting on remarkable performances. In the men's 1500m, Tanishq Wankhede took gold with a time of 5 minutes and 30 seconds, while Ashish V and Aarjav Patil secured silver and bronze. In the women's 1500m, Yasaswini emerged victorious, outpacing her competitors with exceptional endurance.

Relay races also captivated the audience, with both men's and women's teams excelling. The women's 4x100 meters relay team, composed of Priyal Agarwal, Reshmi, Roshani, and Tanu, claimed gold, while the men's team led by Aarjav Patil took the top spot with an impressive time of 51.76 seconds. The seamless coordination and fierce determination of all participants left spectators in awe.

Notable individual performances included Yasaswini's dominance in the 200m and 400m races, earning her two gold medals. The men's 200m and 400m events also saw outstanding results, with Sagar Bhatt and Andrew Faubis taking home gold in their respective categories. The track events not only highlighted athletic skill but also the strength of camaraderie and sportsmanship among Woxsen students.



The Inauguration of Woxsen Olympics 2024. Photograph by Creatives

## Woxsen Olympics 2024: A Celebration of Athleticism and Unity

By Thusbar and Disba

On September 17th, Woxsen University hosted its first-ever "Woxsen Olympics," an Olympic-themed sports competition that saw students from various disciplines compete in a range of events. The event, organized by the Woxsen University Sports Academy, included badminton, squash, tennis, and track races, promoting the physical, mental, and social well-being of the students. The ceremonial inauguration was led by university deans and coaches, setting the tone for a day filled

with enthusiasm and competition.

With a spirit of unity, the Olympic torch was carried from the admin block to the race arena, followed by eager participants and spectators. The event featured four major sports, providing both men and women a platform to showcase their athletic abilities. The energy in the air was infectious, and the sense of community was strong, as every race and match was met with cheers and encouragement.



Inauguration of Woxsen Olympics 2024. Photograph by Woxsen Creatives

## Badminton, Squash, and Tennis: Skill, Strategy, and Triumph at Woxsen Olympics 2024

By Thusbar and Disba

Alongside the track events, Woxsen Olympics 2024 featured intense competition in badminton, squash, and tennis, where athletes displayed incredible skill and determination. In badminton, Aman Reddy dominated the men's singles, while Kiranmai secured the top spot in women's singles. The mixed doubles saw Aman Reddy and Purbitha triumph, with thrilling rallies that kept the crowd on edge.

In the tennis tournament, Mansi Sugriv Phad emerged victorious in the women's singles, with Larissa

Dias and Ramisetty Vagdevi claiming silver and bronze, respectively. On the men's side, Sai Rishi Dev took home the gold in singles and joined forces with Larissa Dias to win gold in mixed doubles.

Squash was another highlight, with Abhijeet Sharma claiming the gold medal after a fierce battle with Nazimul Haque. The squash matches were characterized by swift movements, power shots, and strategic play, making it one of the most electrifying segments of the event.

Beyond the competition, the Woxsen Olympics underscored the university's dedication to fostering holistic student development, combining academic rigor with physical activity. The week-long event concluded with medals, the mascot PIRO, and a shared sense of pride and accomplishment among the Woxsen community. As the first edition of the Woxsen Olympics comes to a close, it has set the bar high for future athletic events at the university.

## Glory on the Pitch: WFL Redefines Campus Football

By Kruth Aryan Kadam

For the first time in Woxsen's history, the boys' football team transitioned from the familiar 5v5 format to an intense 11v11 tournament. Seven teams, each comprising 18 players, battled through a physically and mentally demanding competition that redefined the sports culture on campus. This wasn't just another tournament—it marked the beginning of a new era for Woxsen football.

With three matches held daily, the tournament pushed players to their limits. They faced the challenge of physical fatigue and mental recovery, yet returned to the pitch day after day, demonstrating unwavering commitment and resilience. Their performance,

fueled by passion and determination, showcased the heart and grit required in modern football. The tournament was officiated by state-level referees affiliated with FIFA and AIFF, ensuring professionalism at the highest standard. But what truly stood out was the players' relentless spirit, as they fought against the odds with admirable resolve.

Behind the scenes, the success of the Woxsen Premier League was a collective effort. Special recognition goes to Ashish, his team, and Nilanjan Sir for their crucial contributions. The team owners also played a vital role, showing exemplary sportsmanship by rallying behind their players throughout the tournament. The highlight of the

competition came with a thrilling final between the Great Gaffers and Supernova, with Supernova emerging victorious. The excitement surrounding the event drew in large crowds, igniting a newfound passion for football on campus.

Football, long overshadowed by cricket in India, is rapidly gaining ground at Woxsen. The Woxsen Premier League not only shifted the format of the game but also transformed perceptions. More than just scoring goals or winning trophies, this league was about the strength, passion, and unbreakable spirit of young athletes who proved that enthusiasm and determination can overcome any challenge.



A still from WFL 2024. Photograph by Woxsen Creatives

## School of Law and Humanities

### School of Law hosts an expert talk with James D Fairchild

On September 3rd, 2024, the School of Law, Woxsen University had the privilege of hosting an interactive session with James D. Fairchild, Managing Partner at The Law Office of Fairchild & Yoder PLLC. Mr. Fairchild engaged with law students, offering invaluable insights into the realities of practicing law and bridging the gap between courtroom experience and academic learning. Through his personal journey in the legal field, he provided practical advice and tips, helping students gain a deeper understanding of the practical aspects of the legal profession.

A special thanks to Mr. Fairchild for taking the time to share his exper-



tise with our students. We also extend our gratitude to Dr. Joshua Dalrymple, Dean of the School of Law, and Dr. Ajoy Jose for their efforts in organizing this enriching session for the benefit of our students.

### Woxsen Green Impact Initiative: ERS initiative by the School of Law

On September 4th, 2024, the School of Law, in collaboration with the ERS Wing, organized the Woxsen Green Impact Initiative, an ERS activity aimed at supporting the global campaign led by the Ministry of Environment, Forest, and Climate Change. As part of this initiative, law students visited the Telangana Forest Department and dispersed approximately 1200 seed balls, also known as seed bombing, which they had handmade, throughout the forest. The Forest Department actively participated, expressing full support for the event and commending the efforts of the



School of Law and the ERS Wing at Woxsen University.

Special thanks go to Mr. Sudhan Guru, Head of the ERS Wing, and the organizing team from the School of Law, including Prof. Ummul Waraah and Dr. Paramita Choudhary, as well as the student volunteers, for their significant contributions to the success of the event.

### Congratulations to Prof. Ummul Waraah for her Recent Publication

We are delighted to share that Prof. Ummul Waraah, Assistant Professor at the School of Law, Woxsen University, has been published in the esteemed International Journal of Law Management & Humanities (Volume 7, Issue 5, 2024). Her manuscript, titled "A Brief Study of the Social Positioning of Refugees in the International Accords Related to Human Rights", provides an insightful analysis of the legal frameworks and human rights implications affecting refugees globally.

The paper was published in a peer-reviewed and multi-indexed journal, which boasts a high impact factor of 6.725, highlighting the academic significance of her research. This accomplishment reflects her dedication to advancing legal scholarship and her expertise in the field of human rights.

We extend our heartfelt congratulations to Prof. Ummul Waraah for this achievement and for continuing to contribute to Woxsen University's growing research impact.



### Orientation session on "MSME Idea Hackathon 4.0"

The School of Law at Woxsen University organized an engaging orientation session on "MSME Idea Hackathon 4.0" on 24th September for both law students and faculty. The event provided a unique platform for participants to explore innovative solutions and contribute ideas to this national challenge, supported by the Ministry of MSME.

This hackathon presented an excellent opportunity for aspiring innovators and entrepreneurs to showcase their groundbreaking ideas, combining creative thinking with practical applications. The session offered a distinctive experience,



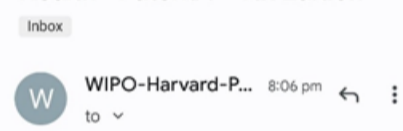
encouraging students to think beyond the traditional legal landscape and engage with real-world challenges faced by the MSME sector.

Through this initiative, the School of Law continues to foster a spirit of innovation and entrepreneurship among its students, empowering them to make meaningful contributions beyond the classroom.

### Dr. Ajoy Jose Selected for Prestigious WIPO-Harvard Patent Law and Global Public Health Course

Dr. Ajoy Jose, a distinguished faculty member of the School of Law at Woxsen University, has been selected for the prestigious WIPO-Harvard Course on Patent Law and Global Public Health (PatentX) – 4th Edition. This course is jointly offered by the World Intellectual Property Organization (WIPO) in Geneva, Switzerland, and Harvard Law School (HLS), USA. The selection recognizes Dr. Jose's commitment to advancing legal education at the intersection of intellectual property and public health. Warm congratulations to Dr. Ajoy Jose on this remarkable achievement!

### WIPO-Harvard Course on Patent Law and Global Public Health- 'PatentX'- 4th Edition



Dear Applicant (WIPO-Harvard PatentX Course-4th Edition),

We congratulate you on your admission to the 4th edition of the Course on Patent Law and Global Public Health ["PatentX"], offered jointly by the World Intellectual Property Organization (WIPO) in Geneva, Switzerland, and the Harvard Law School (HLS), in Cambridge, Massachusetts, United States of America. As you may know PatentX course is a highly demanded course and offered to only a limited number of participants in each edition. We

### Adv. Sanchita Ain on Disability Rights: Insights at Woxsen University

On 25th September, the School of Law, Woxsen University had the honor of hosting Adv. Sanchita Ain, Advocate-on-Record at the Supreme Court of India, for an insightful session on "Disability Rights and the Indian Supreme Court."

Adv. Ain, with her vast experience in disability rights, provided a comprehensive overview of the legal framework that protects the rights of persons with disabilities in India. She highlighted the Rights of Persons with Disabilities Act, of 2016, which broadened the scope of protection for disabled individuals. Her session emphasized the judiciary's critical role in upholding and advancing the rights of disabled individuals, ensuring that inclusivity



and accessibility are not just legal obligations but fundamental rights.

Students and faculty alike engaged in thoughtful discussions about the challenges of implementing these legal provisions and the role of the courts in overcoming societal barriers. The session included an interactive dialogue between Adv.

Ain and the students, allowing them to gain deeper insights into the practical and legal aspects of disability rights in India. This enriching session exemplified the School of Law's commitment to fostering meaningful conversations and promoting awareness of key legal issues that drive social change.

### Dr. Joshua Dalrymple Hosts H.E. Ambassador Rahul

Dr. Joshua Dalrymple, the esteemed Dean of the School of Law, recently welcomed H.E. Ambassador Rahul Chhabra to the campus for an engaging guest lecture. Ambassador Chhabra's talk, titled "India in the Global Economy: Geopolitics and Geoeconomics,"

was presented to first-year MBA students, offering valuable insights into India's shifting role in the global economy. Under Dr. Dalrymple's leadership, the event emphasized the importance of interdisciplinary learning and highlighted emerging opportunities for young professionals to actively shape the global economic landscape.



## Student Achievements

### Vaibhav Reddy Appointed Vice Chair for AIPPM at DRS International School MUN

Vaibhav Reddy, a distinguished student from the School of Law at Woxsen University, recently had the honor of being invited as the Vice Chair for the All-India Political Party Meet (AIPPM) committee at the prestigious Model United Nations (MUN) conference held at DRS International

School from the 13th to 15th of September. Serving in this key role, Vaibhav contributed to facilitating high-level discussions on pressing political and policy matters, demonstrating his leadership and expertise in political debates. Congratulations to Vaibhav on this outstanding achievement, showcasing both his academic excellence and potential as a future leader!

### Mohammed Mustafa Excels in Debates and Earns Millennium Fellowship Shortlisting

We are proud to announce that Mohammed Mustafa, a first-year student from the School of Law at Woxsen University, has achieved remarkable success in recent debate competitions. On 12th Sep-

tember 2024, he secured First Place in a debate focused on the topic, "Should Bengal's APARAJITA Anti-Rape Bill Be Passed Nationwide?" Following this achievement, on 13th September 2024, he claimed Third Place in a debate centered on "Democrat vs. Republican." In addition to his debate accomplishments, Mohammed has

also been shortlisted for the prestigious Millennium Fellowship Class of 2025. This fellowship recognizes student leaders dedicated to advancing UN goals on campuses worldwide. Congratulations to Mohammed Mustafa on his outstanding achievements and contributions to our college community!



## School of Architecture and Planning

Architecture students from the B.Arch batch (2021-2026) at the School of Architecture and Planning recently completed an impressive hands-on project under the guidance of Dr. Ravi Kumar S. and Prof. Shweta Prasad. The students built full-scale arches and geodesic domes using waste cardboard materials, with the project focusing on teaching fundamental concepts of load transfer and structural stability. Inspired by renowned architectural landmarks, the initiative encouraged the use of sustainable materials, emphasizing both creativity and problem-solving. This innovative project not only deepened students' understanding of structural principles but also highlighted the importance of environmentally conscious design in architecture.



### 67th NASA Day

The School of Architecture and Planning celebrated the 67th NASA Day with a series of engaging activities aimed at enhancing students' understanding of the National Association of Students of Architecture (NASA) and its significance. The event featured an insightful seminar on NASA trophies, highlighting their importance and the value of participation in NASA events for architectural students. Attendees also gained a deeper understanding of what NASA represents and how it plays a pivotal role in shaping future architects. A vibrant painting competition added a creative touch to the celebrations, while a thought-provoking debate explored whether working on a uni-



versity level is more beneficial than networking on a national scale for personal growth. The event fostered both learning and creative expression, reinforcing the importance of collaboration and networking in the field of architecture.



### Site Visit to Tandur And Munipally

The students of the School of Architecture and Planning recently went on a site visit to Tandur and Munipally under the guidance of Prof. Debolina Gosh, Prof. Sushant, and Prof. Gagan Jain. The visit provided them with a deeper understanding of vernacular architectural styles and the use of local materials, particularly the famous Tandur stone. The site visit also provided students with insights into how climate, culture, and available resources influence architectural styles. These observations highlighted the importance of designing buildings that are in harmony with their surroundings, a lesson that holds immense value in today's focus on sustainability. This



exploration of vernacular architecture and materials like Tandur stone was a pivotal moment in their educational journey, enhancing their understanding of sustainable and context-driven design.



The Semester 5 jury for the B.Arch students at the School of Architecture and Planning took place on September 19, 2024, with a panel comprising Prof. Swetha Prasad, Prof. Sanjana Gupta, and Prof. Rageshwar Rao. During the jury, students presented their architectural projects, showcasing their design concepts, technical understanding, and creative approaches to addressing architectural challenges. The jurors provided valuable feedback, evaluating the students' ability to integrate theoretical knowledge with practical application.



## Student Achievements

B.Arch students of semester 9 from Woxsen University's School of Architecture and Planning have secured prestigious internships at renowned architectural firms across India. Mr. Abhinay Sriramwar and Mr. N. Ashish Mani from the B.Arch 2020-25 batch have earned internships at Chapman Taylor, New Delhi, a global leader in architectural design. Mr. Karthik Patel has secured an internship at INI Design Studio in Ahmedabad. Additionally, Ms. Pragna Samhitha V and Ms. Hrujani Rayana have been selected for internships at Manasaram Architects in Bangalore, Ms. Akhila Potluri have been selected for internship at Team one India Pat Ltd in Hyderabad.



## School of Technology

### Faculty Achievements

**Dr. Riya Bhattacharya**  
Assistant Professor



Dr. Riya Bhattacharya, who was recently awarded a certificate for her review work with Elsevier, addressed the incoming B.Tech students at Woxsen University's School of Technology. In her insightful talk, she stressed the importance of discipline as a key factor in achieving success. Dr. Bhattacharya highlighted how the next four years would be a transformative journey, shaping the students' futures and preparing them for rewarding careers in the field of technology. Her words resonated with the new cohort, encouraging them to

embrace discipline as they embark on this pivotal phase of their academic journey. During her talk, Dr. Bhattacharya highlighted how discipline can empower students to maintain focus, navigate challenges, and reach their aspirations. The enthusiasm and energy radiating from the students served as a testament to their readiness to embrace discipline as an integral part of their lives. This commitment to personal growth will undoubtedly enhance their academic and professional endeavours in the years to come.



**Prof. Sandeep Dasari**  
Assistant Professor



Prof. Sandeep Dasari, an Assistant Professor at the School of Technology, Woxsen University, has reviewed the article titled "Security Modelling for Cyber-Physical Systems," published in IEEE Access. His review emphasizes the importance of robust security models in protecting these systems from emerging threats. Prof. Dasari's insights reflect his expertise in cybersecurity and highlight the critical need for effective security measures as cyber-physical systems become increasingly vital across various industries.

**Dr. S Gopal Krishna Patro**  
Assistant Professor



Dr S Gopal Krishna Patro, an Assistant Professor at the School of Technology, Woxsen University, has received a certificate of recognition for his review of "Python Programming

3e" published by Oxford University Press. This acknowledgment highlights his contributions to the academic community and his expertise in programming education.



### Certificate of Recognition

This is presented to  
**S Gopal Krishna Patro**  
for reviewing the contents and providing quality inputs for improvement of the title  
**Python Programming, 3e**

The dedicated contribution of our reviewers helps us maintain high standards and quality in all the titles that we publish.

*Sham'la Iguba*  
Head - HEAT & Dictionaries  
Product - Higher Education, Academic and Trade,  
OUP India

*A. K. S.*  
Managing Director  
Oxford University Press, India

Oxford University Press advances knowledge and learning. We are a department of the University of Oxford and share the objective of excellence in research, scholarship, and education by publishing worldwide.



### Student Achievements

Ms. Adithi Baggu, student of school of technology had the privilege of presenting her research paper on "A Novel Attention Informed Voting

Ensemble Framework for Retinal Disease Classification" in the Fourth Edition of the International Conference on Emerging Techniques in

Computational Intelligence (ICET-CI) 2024, hosted by Mahindra University. She was awarded the Best Presenter Award.

Mr. Vardireddy Monishwar Reddy received a certificate for exceptional performance at the Discover Model

United Nations Asia Conference 2024 by Jaewon Choi, Executive Director of the DMUN Foundation.



Mr. Sure Nichith, Ms. Bandla Kavya, Ms. Yuktha Mukhi N and Mr. Srikar Tadakamalla students of school of technology has received a patent on "Accident Prevention System for Four-Wheeler Vehicles," with the help of Dr. Jaswanth Nidamanuri and Dr. Pokkuluri SS Pavan Ganesh.

Office of the Controller General of Patents, Designs & Trade Marks  
Department for Promotion of Industry and Internal Trade  
Ministry of Commerce & Industry,  
Government of India

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202441063588
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/08/2024
APPLICANT NAME	Woxsen University
TITLE OF INVENTION	ACCIDENT PREVENTION SYSTEM FOR FOUR-WHEELER VEHICLES
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ipec@ennobleip.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/08/2024
PUBLICATION DATE (U/S 11A)	30/08/2024

Application Status: Application Awaiting Examination

View Documents

Filed → RQ Filed → Published → Under Examination → Disposed

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**WOXSEN UNIVERSITY**

## CONGRATULATIONS to the Inventors from School of Technology

**Patent Published**

### A Pre-Emptive Emergency Fire Suppression System Within A Vehicle and A Method Thereof

Application No. 202441068080 A  
In The Patent Office Journal, Patent No. 37/2024 Dated: 13/09/2024

**Inventors:**

- Mr. Miriyala Ravi Adithya**  
Program Manager, School of Technology, Woxsen University
- Mr. Kolli Naveen**  
Lab Technician, School of Technology, Woxsen University
- Dr. Kiran Kumar R**  
Dean, School of Technology, Woxsen University
- Ms. Aakarsha Korada**  
B.Tech, School of Technology, Woxsen University

Woxsen University's School of Technology continues to make waves in the world of innovation and research. We are proud to announce recently published patents, showcasing the university's commitment to addressing modern technological challenges with cutting-edge solutions.

Woxsen University's School of Technology Secures New Patent for Vehicle Fire Suppression System! A Pre-Emptive Emergency Fire Suppression System Within A Vehicle and A Method Thereof innovative system is designed to detect and suppress fires within vehicles before they can escalate, ensuring enhanced safety for passengers and vehicles alike.

#### Inventors:

Mr. Miriyala Ravi Adithya, Program Manager, School of Technology, Woxsen University

Mr. Kolli Naveen, Lab Technician, School of Technology, Woxsen University

Dr. Kiran Kumar R, Dean, School of Technology, Woxsen University

Ms. Aakarsha Korada, 2nd year student of B.Tech., School of Technology, Woxsen University

The patent was officially published on 13th September 2024 in the Patent Office Journal under Application No. 202441068080 A, Patent No. 37/2024. This achievement underscores the team's dedication to creating real-world solutions that enhance vehicle safety. Congratulations to the inventors!

### New Wireless Charging System for Electric Vehicles Patented by Woxsen University Innovators!

The School of Technology at Woxsen University has added another feather to its cap with the publication of a patent for a Multi-Functional Dynamic Wireless Charging System for Electric Vehicles.

As electric vehicles (EVs) become more prevalent, charging infrastructure continues to pose challenges. This patent provides a comprehensive solution by developing a wireless charging system that harnesses various natural energies such as wind, solar, and piezoelectricity. It also employs dynamic features to ensure that vehicles can be charged while in motion, thus overcoming the limitations

of conventional charging stations.

#### Inventors:

Dr. Shankar Pidishetty, School of Technology, Woxsen University

G. Kesava Datta, School of Technology, Woxsen University

M. Geethika, School of Technology, Woxsen University

K. Lasya, School of Technology, Woxsen University

This innovation was also published on 13th September 2024 under Application No. 202441067024 A.

This breakthrough reflects Woxsen University's ongoing commitment to sustainable innovation and technological advancement. Kudos to the team for this remarkable contribution to the electric vehicle industry!

(12) PATENT APPLICATION PUBLICATION (21) Application No.202441067024 A

(19) INDIA (43) Publication Date : 13/09/2024

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(54) Title of the invention : MULTI-FUNCTIONAL DYNAMIC WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLES

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(51) International classification :H02J50/00, B60L53/51, B60L53/12, B60L53/52, H02N2/18, H02J7/00

(86) International Application No :NA  
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

(57) Abstract :  
A multi-functional dynamic wireless charging system for electric vehicles 202, comprising piezoelectric plates 101 installed on a section of road for harnessing electric energy produced upon passage of vehicles 202 over the plates 101, power storage unit 102 storing harnessed electric energy, windmills 103 rotates due to surrounding wind and wind generated upon passage of the vehicles 202, solar panel 104 harnessing electric energy from solar radiations, transmission coils 105 for detecting a vehicle 202 approaching the section of road, a touch enabled screen 201 accessed by driver of the vehicle 202 to give commands regarding a destination to be reached, transmission coils 105 paired with the power storage unit 102 and a voltage regulator supplies power to the transmission coil 105 allowing transmission of charge and received by a receiving coil 301 installed with each of the vehicle 202 for charging the battery of vehicle 202.

No. of Pages : 24 No. of Claims : 8

## Events

### National Space Day: Showcasing ISRO's Journey Beyond Earth

Date: August 23, 2024

Venue: Admin Ground Floor, Woxsen University

#### Organizing Committee:

- Dr. Amala S. Charulatha

- Dr. Ravilisetty Revathi

- Dr. Ravi Gorripati

#### Technical Support Team:

- Mr. Praveen Gade

- Mr. Seshu Nelson

#### Objectives of the Event:

The Expo aimed to give students a comprehensive overview of ISRO's initiatives while raising awareness about the various subfields within space technology and the promising career paths they offer. It also promoted active learning by engaging students directly, helping bridge the gap between theoretical knowledge and practical, real-world applications.

#### Event Overview:

In celebration of National Space Day, Woxsen University hosted an informative and engaging Expo to raise student awareness of the Indian Space Research Organisation's (ISRO) initiatives. Held on August 23, 2024, the Expo took place on the Admin Ground Floor and was open to all students and faculty on campus. The event was orchestrated by the B.Tech. second-year students from the School of Technology, who volunteered their time and effort to make the Expo a success. The students presented a total of 15 posters, each dedicated to a significant achievement or ongoing project of ISRO.

#### Program Highlights:

The Expo featured informative presentations by B.Tech. students, who discussed the significance of each ISRO project and its impact on space technology and exploration. Attendees had the



opportunity to engage in discussions with the student presenters, gaining deeper insights into the technical aspects and practical applications of each project. The event promoted active learning and hands-on experience for students, allowing them to apply their academic knowledge to real-world space technology applications.

#### Outcomes:

The Expo offered students valuable insights into ISRO's current projects, satellite technology, and space missions, helping them gain a deeper understanding of the field. The event sparked enthusiasm and interest among students about space technology and the exciting career opportunities it offers. Additionally, it showcased India's remarkable achievements in space exploration while reflecting the university's commitment to fostering the holistic development of its students.

#### Conclusion:

The National Space Day Expo at Woxsen University was a resounding success, effectively meeting its objectives of educating students about ISRO's initiatives, promoting engagement with space technology, and reflecting the university's dedication to student development. The event not only celebrated national achievements in space exploration but also provided a platform for students to bridge academic learning with practical applications in the field of space technology.

### International Workshop on Quantum Technology Integration: Multidisciplinary Applications & Challenges (QTIMAC 2024)

#### I. Title & Introduction

Title: "Twenty Hours of International Workshop on Quantum Technology Integration: Multidisciplinary Applications & Challenges"

Introduction: The international workshop was held from 30th July to August 8th, 2024, in online mode. The objective of the workshop was to explore the evolution, fundamental principles, and overview of quantum technologies, including quantum computing, communication, and sensing and to demonstrate how quantum computing can be applied in fields like finance and drug discovery, and explore its use in simulations and machine learning.

#### II. Event Details

Target Audience: Faculties, Post-Doctoral Fellows, Research Scholars, U.G. and P.G. Students.

Speaker(s) or Guest(s) (if applicable):

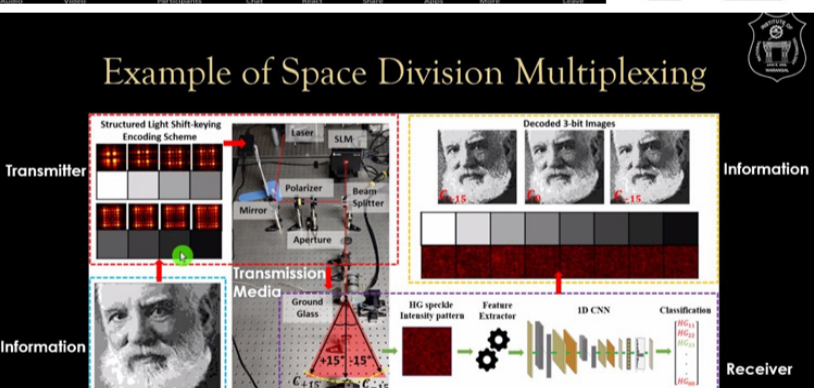
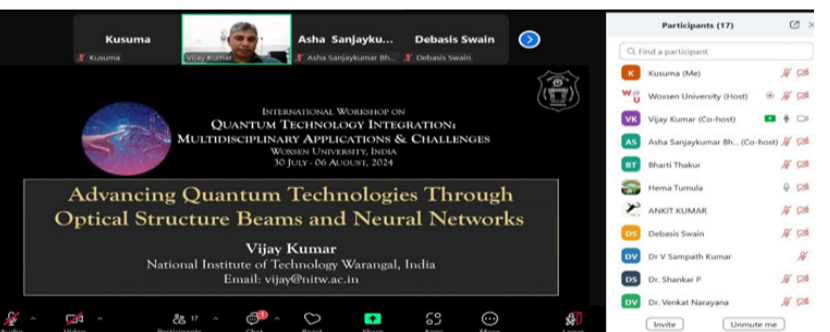
1. 16 Speakers from industry and academia.

2. Eminent speakers from IIT Delhi, University of Hyderabad, Indian Statistical Institute, Physical Research Laboratory, IBM, NIT and Friedrich Schiller University Jena, Germany.

#### III. Event Highlights

1. Enhanced Understanding of Quantum Technologies: Participants gained a solid grasp of quantum theory, the principles behind quantum computing, communication and sensing and their multidisciplinary applications.

2. Practical Skills Development: Through hands-on Qiskit sessions,



attendees learned how to implement quantum algorithms and simulations, preparing them for practical applications in various industries.

3. Networking and Collaboration Opportunities: The workshop will facilitate connections between participants and experts, fostering collaborations for future research and development projects in quantum technology.

#### Impact & Outcomes:

Advanced Knowledge and Skills: Attendees had a deeper understanding of both theoretical and practical aspects of quantum technologies, empowering them to drive innovation in their respective fields.

Application in Key Industries: Insights gained enabled the participants to apply quantum computing solutions

in critical areas such as finance, drug discovery, cryptography, and machine learning, potentially transforming these industries.

#### V. Conclusion

The International Workshop on Quantum Technology Integration: Multidisciplinary Applications & Challenges (QTIMAC) successfully addressed the growing need to understand and leverage quantum technologies across various fields. The workshop also fostered networking and collaboration, laying the foundation for future research initiatives and partnerships. Overall, QTIMAC significantly contributed to the knowledge base of its participants, equipping them with the skills and understanding necessary to lead advancements in quantum science and technology.

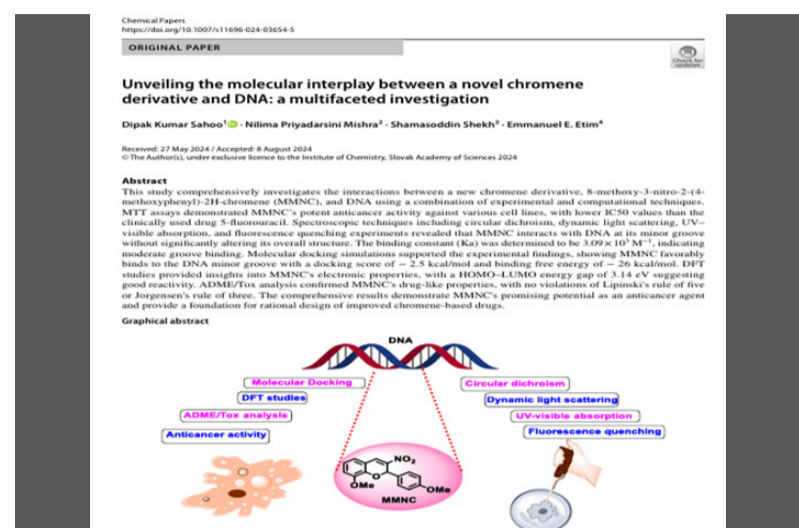
## School of Sciences

### Faculty Achievement

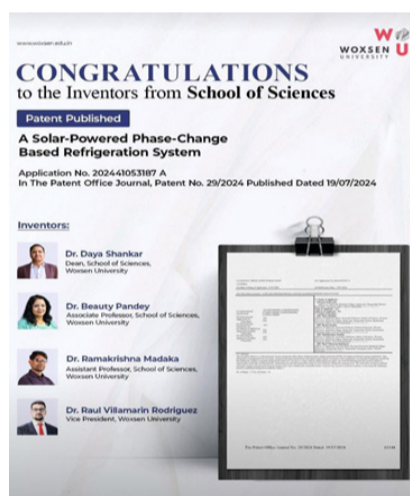


Dr. Sahoo has published a journal article titled “Unveiling the molecular interplay between a novel chromene derivative and DNA: a multifaceted investigation” in Bioorganic Chemistry, a SCI and Scopus Indexed Elsevier Journal with impact factor 2.1. It is accepted on 8th August 2024. This study comprehensively investigates the interactions between a novel chromene derivative, MMNC, and DNA using a combination of experimental and computational techniques. MMNC demonstrated potent anticancer

activity against various cell lines, outperforming the common drug 5-fluorouracil. Spectroscopic and molecular docking studies revealed that MMNC binds to the minor groove of DNA without significantly altering its structure, with a moderate binding constant of  $3.09 \times 10^3 \text{ M}^{-1}$ . ADME/Tox analysis confirmed MMNC's drug-like properties. The results highlight MMNC's promising potential as an anticancer agent and provide a foundation for the rational design of improved chromene based drugs.



A team of researchers from the School of Science, led by Dr. Daya Shankar, has recently secured a patent for their innovative solar-powered phase change-based refrigeration system. The groundbreaking technology, developed in collaboration with Dr. Beauty Pandey, Dr. Ramakrishna Madaka, and Dr. Raul Vilamarin Rodriguez, offers a sustainable and efficient solution for cooling applications. By harnessing solar energy to drive the phase change process, the system provides a reliable and environmentally friendly alternative to traditional refrigeration methods. This significant advancement is expected to have a profound impact on vari-



ous industries, from agriculture and food processing to healthcare and residential use.

#### Book Publication

Multidisciplinary Approach to Cyber Physical Systems and IoT Security

Authors: Dr. Dayashankar, Dr. Beauty Pandey, and Ajit Kumar Pundge .

In today's interconnected world, Cyber-Physical Systems (CPS) and the Internet of Things (IoT) have become indispensable. However, their growing complexity also exposes them to a myriad of cyber threats. This book offers a comprehensive exploration of the security challenges faced by these systems and provides practical solutions. The authors, experts in the

field, delve into various aspects of CPS and IoT security, including authentication, access control, data encryption, and emerging threats. They also discuss the role of AI, machine learning, blockchain, and cloud computing in safeguarding these critical infrastructures.

Whether you are a cybersecurity professional, IoT developer, or researcher, this book is a valuable resource. It equips readers with the knowledge and tools necessary to protect CPS and IoT environments from cyberattacks, ensuring their reliability and integrity in the digital age.

## Publications



Dr. T Santhosh Kumar's paper, “Enhancement of crystallinity and optical properties in gamma irradiated and thermally annealed cobalt doped MgTiO<sub>3</sub> thin films,” was published in Thin Solid Films,



Enhancement of crystallinity and the optical properties in gamma irradiated and thermally annealed cobalt doped MgTiO<sub>3</sub> thin films

Santhosh Kumar Thalikonda<sup>1</sup>, Askan Kandasani<sup>1</sup>, Sumita Rabha<sup>1</sup>, D. Pamu<sup>2</sup>, Anil Kumar Nirala<sup>2</sup>

a journal with an impact factor of 2.0. The study examines how gamma ( $\gamma$ ) irradiation and thermal annealing affect cobalt-doped magnesium titanate (Mg<sub>0.95</sub>Co<sub>0.05</sub>TiO<sub>3</sub>) thin films. Initially amorphous, the films crystallize into a rhombohedral structure after annealing at 700°C. Optimal gamma

irradiation at 75 kGy improves crystallinity, increasing crystallite size to 39 nm and reducing strain. Rietveld refinement confirms the rhombohedral structure and improved lattice parameters with gamma dose, peaking at 75 kGy. Gamma irradiation also smoothens the surface, achieving minimum roughness of 4.1 nm. Optical properties improve significantly, with the bandgap rising from 3.68 eV to 4.27 eV and the refractive index from 2.10 to 2.26 for the 75 kGy irradiated and annealed sample. The authors suggest that these films, especially at 75 kGy, are promising for anti-reflection coatings.

A team of researchers from the School of Science, led by Dr. Daya Shankar, has recently secured a patent for their innovative secured vaccine storage device. Developed in collaboration with Dr. Beauty Pandey, Dr. Ramakrishna Madaka, and Dr. Raul Vilamarin Rodriguez, this groundbreaking technology offers a sustainable and efficient solution for preserving vaccine integrity. This significant advancement is expected to have a profound impact on the healthcare industry, enhancing vaccine distribution and accessibility worldwide.



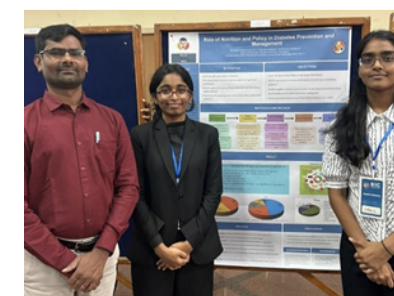
## Research And Industrial Conclave IIT Guwahati - Student Participation

The Role of Nutrition and Policy in Diabetes Prevention and Management - Yeshaswini and Vaishnavi

Yeshaswini and Vaishnavi provided valuable insights into the effectiveness of current strategies and proposed actionable solutions for better

diabetes management and awareness. It explores the dietary patterns and lifestyle choices of diabetic patients, evaluating their adherence to recommended guidelines and identifying common challenges they face. By gathering and analyzing this data, the study aims to uncover insights into the current state of diabetes management and develop targeted educational interventions to improve patient outcomes and promote healthier living. The objective is to assess how well patients adhere to recommended dietary guidelines and to identify

gaps in their knowledge and practices. By analyzing these aspects, the study aims to propose effective strategies for improving diabetes management and enhancing patient education.



## Solar Flex Tech: Charging on-the-Go with Flexible Solar Panels - Darcy, Yeshaswini, and Vaishnavi

Darcy, Yeshaswini, and Vaishnavi's innovation features a solar bag, a backpack equipped with thin-film solar cells and batteries that convert sunlight into electricity for charging devices like phones, cameras, and laptops. This eco-friendly solution is ideal for areas lacking conventional power sources and versatile enough for everyday use, including as a laptop or school bag. The bag includes a flexible monocrystalline solar panel, a rechargeable battery, and USB ports, with LED indicators to show

battery status. Its lightweight, portable design offers a cost-effective, convenient alternative to traditional power banks, making it suitable for travel, emergencies, and daily use. Rigorous testing has ensured its efficiency, portability, and compatibility with various devices, positioning the solar bag as a sustainable and innovative option for mobile energy needs.



## Using genetic profiling to improve accessibility, affordability, and precision in personalized medicine - Aanchal Pallod

The challenges of personalized medicine that Aanchal explored during her oral presentation are based on the innovative concept of providing medical treatment according to the patient's genetic makeup. This approach attempts to promote health-related goals by targeting disease treatments that will be marked by compatibility in the genetic sense of users, enhancing the therapeutic benefits of drugs and also diminishing complicated side effects. However, there are several barriers to the implementation of personalized medicine including the cost and time

required for genetic testing; difficulties in data analysis; and privacy issues. However, with the latest techniques such as Next-Generation Sequencing (NGS) and incorporation of Artificial Intelligence, the costs have been reduced and the accuracy of interpretation of genetic data has improved. Aanchal also lists subsidies, public health programs, and telemedicine platforms as the best ways to promote personalized medicine. Thus, further coping with the aforementioned challenges, personalized medicine is already regarded as an innovative concept that can become the standard for further development of the healthcare system, suggesting individualized treatment regulation.

## Soil Moisture Indicator: A Versatile Solution for Optimising Water Usage - Geetika and Reethika

This research by Geetika and Reethika designed an ideal low-cost and low-complexity soil moisture sensor for small-scale farmers or gardeners. It consists of a voltage divider, LEDs, a 9V battery, and a NAND gate(4011) to accomplish that. It measures the electrical resistance of soil to function. The resistance increases as the soil gets dry and one LED illuminates to show how dry it is. As the soil wets, resistance decreases and at a certain point, it becomes so low that the LED goes off. In addition, it has a supplementary moisture level indi-

cator LED. The device is easy to use and provides support for soil condition monitoring in a home garden. The article also explores potential developments in this sensor and its links to the Internet of Things (IoT).



## Multimodal Deep Learning for Privacy-Preserving and Early Prediction of Chronic Diseases - Darcy

Darcy has also worked on another significant topic. The widespread use of Internet of Things (IoT) devices in healthcare has enabled remote monitoring and early detection of chronic diseases, but concerns about patient data privacy challenge collaborative model training. Chronic diseases impose a global healthcare burden, making early detection crucial. Darcy's novel deep-learning framework addresses this by using decentralized model training on distributed patient data, ensuring privacy while integrating diverse IoT data sources like electronic health records and wearables. The framework employs multimodal data fusion, explainable AI, and secure solutions to enhance prediction and recommendations. It aims to improve patient outcomes and reduce costs by advancing personalized and data-driven healthcare.



## Student Achievements

### EcoBricks: Harnessing Agricultural Waste for Sustainable Construction - Archi Tiwari and Mrunal Daund

Mrunal Daund and Archi Tiwari have developed EcoBricks by harnessing agricultural waste for sustainable construction. Their research explores using agricultural waste, such as sugarcane bagasse and coffee husk particles, to produce concrete blocks. With the increasing population driving demand for construction materials, traditional sources like bricks and cement are proving inefficient. By incorporating agricultural by-products into concrete, this innovative approach can reduce CO2 emissions and promote environmental sustainability.

The waste materials were con-

ditioned, blended with cement, and compacted into blocks, which were then tested for compressive strength, density, and thermal conductivity. Preliminary findings indicate that these blocks possess similar mechanical properties to standard blocks and lower thermal conductivity, enhancing energy efficiency in buildings. This research not only reuses waste but also improves building performance, demonstrating agricultural waste as a viable, eco-friendly construction material.

The preliminary findings indicate that blocks made from sugarcane bagasse and coffee husk particles exhibit mechanical properties comparable to standard blocks, along with relatively lower thermal conductivities, which can contribute

to energy savings in buildings. The ability to reuse waste materials while simultaneously enhancing building performance represents a significant opportunity for the construction market. The results of this research demonstrate that agricultural waste can be successfully utilized as an effective and environmentally friendly material for the construction industry, supporting the further implementation of sustainable construction practices. They competed against nearly 800 participants, including PhD scholars, MSc students, and others from various universities. Earning an appreciation certificate is a significant achievement, especially considering the scale of the competition and the high level of expertise among the participants.



### Plant-Mitra Activity

On the 22nd of August, the School of Science conducted an ERS activity called "Plant-Mitra" as part of an initiative by our Honourable Prime Minister, Shri Narendra Modi Ji. This activity highlighted the importance of promoting environmental awareness and sustainability in

response to the increasing effects of human-induced global warming. The "Plant-Mitra" activity was designed to address the urgent need for environmental stewardship in light of the escalating impacts of human-induced global warming. Faculty members not only supervised but also actively participated along with the students.



## ERS ACTIVITY - Swasthya Mela 2.0

The event included a range of diagnostic services like by The recent Swasthya Mela 2.0, organized by the School of Sciences, highlighted Woxsen University's commitment to the health and well-being of its faculty and staff. The event featured a comprehensive range of medical tests, including blood pressure monitoring, blood sugar testing, SpO2, and heart rate conducted, conducted by Dr. Srikar Thota, an expert in Emergency Medicine. In addition to the diagnostic tests, personalized consultations were offered, delivering tailored health advice and recom-

mendations. A significant aspect of Swasthya Mela 2.0 was the active involvement of students in the event. They participated in checking vitals and assisting with the medical tests, gaining practical experience. This engagement highlighted the collaborative efforts essential in promoting health and wellness within the university. Dr. Srikar Thota, MD(Hon.), PGDEMS, an expert in Emergency Medicine, played a pivotal role in the event. His sessions on emergency preparedness and general health tips were particularly well-received, further enriching the event for all attendees. The event received positive feedback, reinforcing its success in promoting a culture of wellness at Woxsen.



## ERS ACTIVITY: Swasthya Mela 3.0

The ERS Activity Swasthya Mela 3.0, held on September 27, 2024, at Woxsen University, was a significant initiative aimed at promoting the health and well-being of staff, especially NCC construction workers and Group 4 employees. School of Sciences and Care&Cure in collaboration with Aster Prime Hospital, Hyderabad, the medical camp offered free health assessments, including BMI, blood pressure, blood sugar, haemoglobin, heart rate, and eye examinations. Participants also had access to consultations with physicians and

personalized health advice based on their test results.

The event emphasized proactive health management through interactive sessions where participants could ask questions and receive guidance on maintaining a balanced lifestyle, managing stress, and preventing health issues. Additionally, the camp fostered community engagement, bringing staff members together in group activities to promote a sense of shared responsibility for health. Swasthya Mela 3.0 highlighted the importance of preventive healthcare and underscored Woxsen University's commitment to the well-being of its community members.



## School of Sciences - Orientation Program

The orientation program for the incoming school of sciences students at Woxsen University spanned four days from 27th -30th August 2024. The event included a variety of activities, such as welcome marches, lamp lighting ceremonies, inaugural speeches, keynote addresses, academic talks, industry insights, and wellness sessions. Notable speakers included Dr. Ravinder Surepally, ACP, Dr. Falguni Pati, Dr. Ajay Gaur, CCMB, Prof. Falguni Pati, Dr. G Ramesh, Prof. Shashi Vardan Kalivendi, Dr. Chathyushya, Prof. Ramesh Loganathan, IIIT Hyderabad, Dr. Brajesh Rawat-IIIT Roopar, Dr. Arkadeep Sinha, and Dr. A Venugopal. The program provided students with a comprehensive overview of the university, its academic offerings, and the opportunities available for personal and professional growth.



## Woxsen University Partners with Aster Prime Hospital for Enhanced Medical Education

Dr. Daya Shankar Tiwari along with a faculty members from School of Sciences, Woxsen University, visited Aster Prime Hospital, a prominent healthcare facility within the esteemed Aster group. During this significant meeting, Woxsen University and Aster Prime Hospital, in collaboration with the School of Sciences, signed a Memorandum of Understanding (MoU). Aster Prime has experienced doctors who will provide clinical training to Woxsen's students as part of the collaboration.

a mutual agreement in the shape of Memorandum of Understanding (MoU) to commence common endeavors in areas related with student grooming and community care. This partnership will allow students to get incisive experience at a healthcare industry and be involved with the health camps coordinated in association with so forth university clinic Care & Cure

Key representatives from both organizations were present during the signing ceremony at the launch of this joint effort. The university and the hospital say this partnership is a win for students, as well as the community and medicine as a whole.



## Expert Lecture: Pioneering Discoveries and Their Impact on Your Future

On September 10th, 2024, Woxsen University's School of Sciences hosted a captivating expert lecture series titled "Pioneering Discoveries and Their Impact on Your Future." The event delved into the transformative power of science in improving lives and advancing healthcare. Dr. Pankaj Kumar Joshi, Head-Commercial Marketing, Asia-Pacific, Merck Life Sciences, a resource person

that played a pivotal role during the COVID-19 pandemic. The session concluded with valuable feedback from attendees, which will inform future events.

Overall, "Pioneering Discoveries" was a resounding success, inspiring participants with the potential of scientific advancements to shape a better future. Under the guidance of Dr. Beauty Pandey, and Dr. Dipak Kumar Sahoo, the event provided a valuable platform for knowledge sharing and collaboration.

Merck Life Sciences, a key participant, shared insights into their groundbreaking research and development efforts. The company emphasized their commitment to creating innovative medicines, ensuring product quality, promoting sustainability, and fostering collaborations.

A highlight of the event was an interactive lecture on CRISPR gene editing, a technology

School of Science Organizes  
**Expert Lecture Session**  
Topic: Merck Life Science: Pioneering Discoveries and Their Impact on Your Future  
Speaker: Dr. Pankaj Kumar Joshi, Head-Commercial Marketing Asia-Pacific, Merck Life Sciences  
Date: Tuesday 10th Sept. 2024  
Time: 03:00 PM to 04:00 PM  
Mode: Online  
Scan to Register



## Online Workshop on Quantum Machine Learning: A Practical Approach

The workshop, organized by the School of Sciences at Woxsen University, was conducted by Dr. Avinash Chalumuri, an AI/QML Scientist at Quantum AI Global. Held online via Microsoft Teams on September 25, 2024, the event was attended by 20 participants from various institutions and aimed to provide a practical understanding of Quantum Machine Learning (QML). Dr. Chalumuri, an ex-

pert in quantum computing with a PhD from the Indian Institute of Space Technology (IIST), guided attendees through the foundational principles of quantum mechanics and its applications to machine learning.

The workshop covered QML algorithms, including hybrid quantum-classical approaches, and explored their applications in fields such as optimization, drug discovery, and materials science. Participants gained hands-on experience with quantum programming frameworks like Qiskit. Dr. Chalumuri

demonstrated real-world implementations of QML algorithms and discussed the challenges

and future directions of QML research. The session concluded with an interactive Q&A,

allowing participants to clarify their doubts and explore further QML applications.

School of Sciences is Organizing  
**Workshop**  
On Quantum Machine Learning  
A Practical Approach  
Speaker: Dr. Avinash Chalumuri, AI, QML Scientist, Quantum AI Global, Hyderabad.  
Date: 25th September, 2024  
Time: 2:30 PM IST  
Mode: Online  
Scan for Registration  
Last Date of Registration: 27th September, 2024

Computational Algorithms as Quantum Circuits

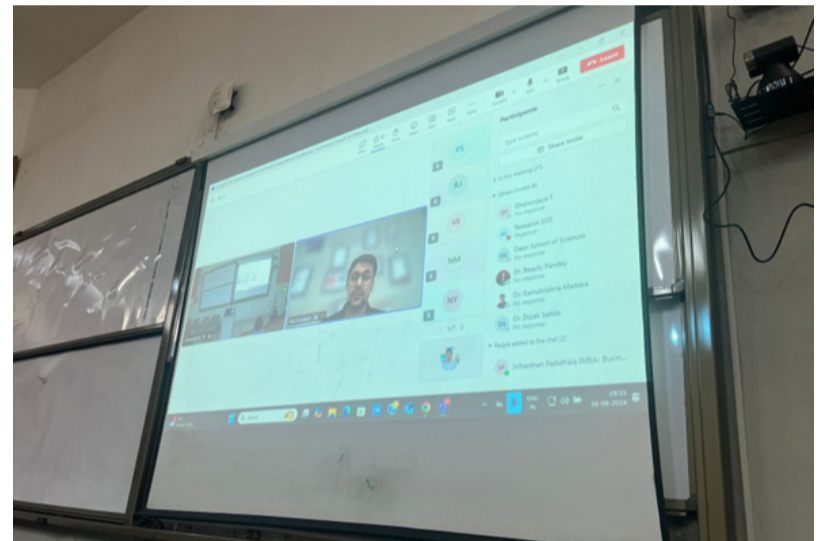
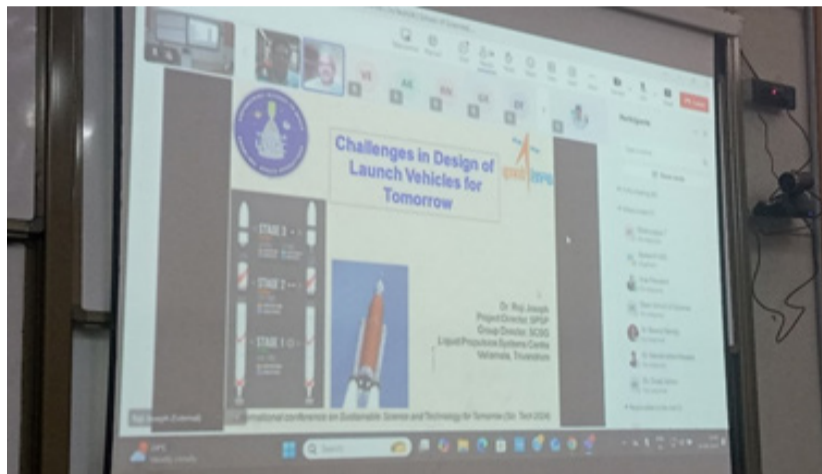
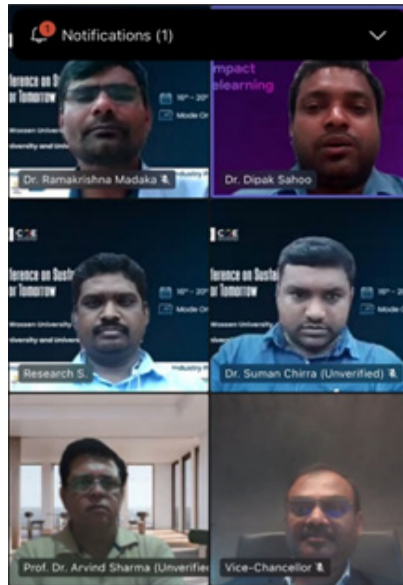
- Quantum gates are used to perform operations on qubits
- An algorithm can be designed as a quantum circuit to solve a problem
- Combinations of unary and binary gates to obtain the desired result
- Entire unitary operations are considered as a quantum circuit
- Each line is considered as wire of a qubit

Figure 6: Illustration of a quantum circuit

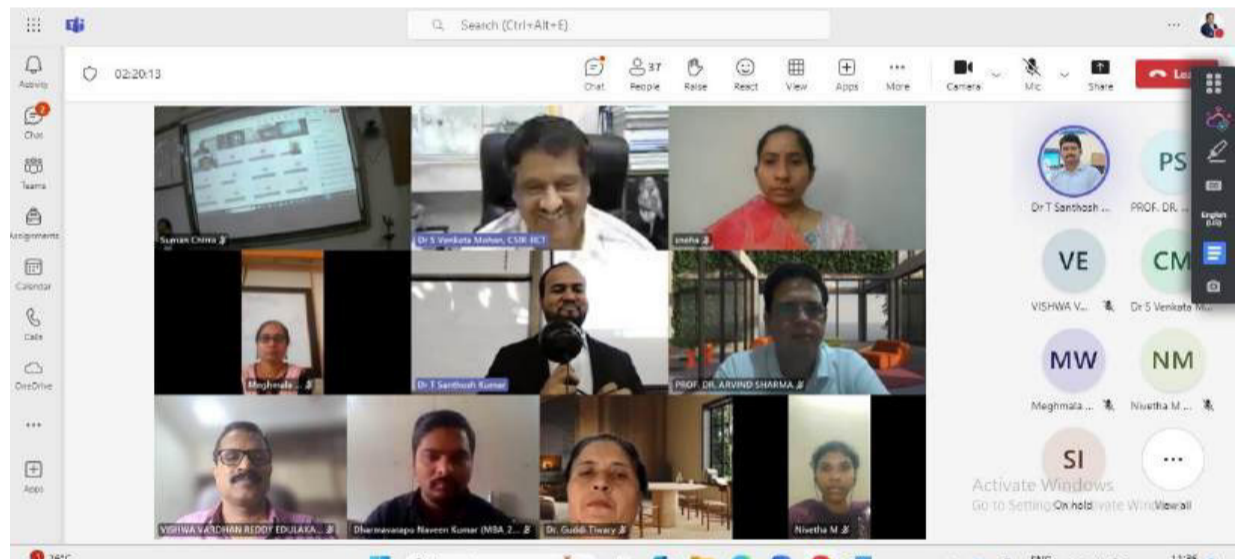
## SciTech-24: International Conference on Sustainable Science and Technology for Tomorrow

The SciTech-24 International Conference, held from September 16-20, 2024, virtually brought together prominent researchers, academics, and industry leaders from across the globe to explore groundbreaking advancements in sustainable science and technology. Organized by the School of Sciences at Woxsen University, in collaboration with INTI International University and University College London, the event provided a dynamic platform for knowledge exchange and fostering global partnerships. The conference's focus was on empowering change-makers to translate research into actionable solutions for a sustainable future, with topics ranging from green chemistry and artificial intelligence to smart cities and renewable energy.

With 160 abstracts submitted and 140 participants presenting their research, SciTech-24 facilitated in-depth discussions on various scientific and technological innovations. Keynote sessions addressed crucial issues such as sustainable biorefinery, energy storage, biofuels, and advances in photonics engineering. Esteemed speakers from leading global institutions provided insights into topics like hydrogen ecosystems, launch vehicle design, and sustainable technologies in healthcare. The conference also featured a virtual inaugural ceremony attended by Vice President Dr. Raul Villamarin, Conference Director Dr. Daya Shankar, and Convener Dr. Beauty Pandey, all of whom underscored the importance of collaboration in achieving sustainable development goals.



SciTech 24 Convener Dr. T. Santhosh Kumar and other School of Sciences (SoS) faculty members played a significant role as session chairs, guiding discussions and providing valuable insights. Their active engagement helped create a collaborative atmosphere, fostering deeper understanding and meaningful interactions. The faculty's contributions enhanced the learning experience, encouraging presenters and attendees alike to explore innovative solutions to global challenges, making SciTech-24 a resounding success.



## IIT Hyderabad Lab Visit

On September 27, 2024, Woxsen University's second-year BSc students had the opportunity to explore the advanced laboratories at IIT Hyderabad. They witnessed cutting-edge technology, interacted with renowned faculty, and gained valuable insights into the world of scientific research. The visit inspired our students to explore their own potential for innovation and discovery. This visit marks a significant step in our students' journey towards scientific excellence.





In the few short months since becoming Editor-in-Chief of *Woxsen Times*, I've come to deeply appreciate the diversity that this publication embodies. While journalism is at the core of what we do, our team represents much more than just one field. We have reporters from MBA, BBA, B'Tech, and Liberal Arts programs. What amuses and makes me proud is, despite not coming from journalism background, they share a passion for storytelling, critical thinking, and making their voices heard.

This blend of academic backgrounds allows *Woxsen Times* to serve as a true reflection of Woxsen's diverse community. It gives us the unique ability to explore fresh perspectives and ideas, all while providing a platform for those voices that may not otherwise be heard.

Through this newspaper, we aim to shine a light on untold stories, present unexplored ideas, and create discussions that matter. It's a privilege to work alongside a team so committed to elevating these voices.

*Sayed Ashar*  
Editor-in-Chief

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