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EDITOR'S NOTE

Welcome to the 71st edition of Sigma!

In this issue, we explore the latest trends and insights in AI and supply chain management. Our articles highlight how AI is transforming supply chains in India, the use of neural networks in supply chain management, and the geopolitical impacts fueling India's supply chain boom.

We also delve into the art of remote project management excellence, offering valuable strategies for navigating the future of work. Additionally, we examine the domino effect of disruptions in the Red Sea and Middle East conflicts on global supply chains, providing insights into managing supply chain turmoil.

In our interview experience section, we share firsthand accounts of successfully tackling interviews, including tips and strategies for navigating the interview process in supply chain management.

Our club activities section features engaging discussions on AI in supply chain management and the impacts of geopolitical tensions on supply chains, offering valuable insights for students and professionals alike.

We hope you find this edition informative and insightful. As always, we welcome your feedback and suggestions for future editions.

We, Team Oasys, express our profound gratitude to our Dean, Dr. Jain Mathew, and the entire leadership team, the Head of Specialization, Dr. Ramakrishnan N, Faculty Coordinator Dr. Saibal Kumar Saha, faculty members of the specialization, and all those who have contributed in developing this edition of the newsletter. It's our pleasure to share informative and engaging content. We eagerly look forward to continuing this journey.

Warm regards,

Team OASYS

Lean Operations and Systems Specialization

School of Business and Management

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AI TRANSFORMING SUPPLY CHAIN IN INDIA



Esha Kumari

2228019

In the constantly changing realm of the logistics and supply chain industry, India is witnessing a ground-breaking transformation propelled by artificial intelligence (AI) integration. Pioneering start-ups lead the charge, employing innovative AI-based solutions to address operational challenges and drive efficiency to new heights.

LogiNext stands at the forefront of this revolution, offering an AI-powered logistics platform that redefines last-mile deliveries. LogiNext helps businesses minimize kilometres per order and optimize asset utilization through real-time tracking, predictive analytics, and intelligent route optimization. The result? Enhanced productivity and an elevated customer experience for companies navigating the complexities of last-mile logistics.

For Direct-to-Consumer (D2C) brands, Pickrr is a game-changer. Leveraging big data and machine learning, Pickrr's suite of solutions transforms warehouse and inventory management. Sellers can effortlessly track inventory, gain actionable insights on stock-keeping units (SKUs), and efficiently fulfil orders. This AI-driven approach ensures seamless operations for D2C businesses striving for excellence in inventory management.

GoBOLT is reshaping surface transportation in India through technology-driven optimization. By considering factors such as traffic, documents, and real-time cargo information, GoBOLT meticulously plans trucker routes. This reduced transit times and fuel consumption, marking a significant leap forward in the country's surface transportation efficiency.

Locus applies advanced algorithms and AI to deliver smart logistics solutions that redefine supply chain dynamics. From route optimization to vehicle allocation and actionable analytics, Locus has left an indelible mark on industries ranging from FMCG giants like Unilever and Nestle to logistics stalwarts like BlueDart. The result is growth and heightened efficiency across the entire supply chain.

Shipsy introduces a paradigm shift with its AI-powered, SaaS-based logistics management platform. Automation takes centre stage, providing complete visibility into first, middle, and last-mile operations. The real-time tracking and analytics empower businesses to make data-driven decisions, ensuring a seamless and efficient logistics journey from start to finish.

As these start-ups continue to unlock the power of AI, the logistics sector in India stands on the brink of a massive transformation. Adopting AI is not just improving visibility and reducing costs; it's mitigating risks and instilling higher agility into businesses' supply chains nationwide. The future of logistics in India is undeniably bright, with AI paving the way for unprecedented productivity gains in the years to come.

NEURAL NETWORK IN SUPPLY CHAIN MANAGEMENT



Gauwdami P

2228321

Supply chain management (SCM) involves coordinating multiple processes and entities to deliver customer products and services. It is a complex and dynamic field that requires decision-makers to make timely and informed choices based on a wide range of data inputs. SCM involves overcoming challenges inherent in the supply chain in areas such as demand and supply planning, supply chain visibility, transportation and logistics, supplier management, and sustainability. Deep learning algorithms can identify patterns, trends, and anomalies in supply chain data that are invisible through traditional data analysis, allowing decision-makers to optimize their operations and mitigate risks. A neural network is a type of machine-learning algorithm that is inspired by the structure and function of the human brain.

It consists of interconnected nodes (neurons) that process information and transmit signals to other neurons in the network. A mathematically modeled artificial TRON developed by McCulloch and Pitts in 1943 is the foundation of neural networks. There are several inputs and a single output for every neuron. Each input is multiplied by a predetermined weighting factor. The result is then calculated using a mathematical function, $f(x)$, which adds up the products of the inputs and the weighting factors. Thus, computing determines how a particular brain cell is imitated.

The most widely used topology of the neural networks includes:

Input layer: Visuals, sounds, and text are just a few examples of the data types brought in via the input layer. The features of the input data are each represented by an input neuron.

Hidden layers: The hidden layer consists of multiple neurons that process the input data using a set of weights and biases. Each neuron receives input from the input layer and calculates a weighted sum of the inputs, adding a bias term to adjust the output. The result is then passed through an activation function, such as a sigmoid or ReLU function, which generates an output for that neuron. The weights and biases in the hidden layer are modified during the training process based on the difference between the anticipated and actual output. This process, called backpropagation, allows the network to learn from the input data and improve its accuracy over time. The number of neurons in the hidden layer and the weights and biases assigned to each neuron can significantly impact the neural network's performance. Designing an optimal hidden layer for a given problem is often a complex and iterative process that requires a deep understanding of both the problem domain and the mechanics of neural networks.

Output layer: The output layer produces a prediction or classification based on the transformed data. The output layer typically consists of one or more neurons that have a numerical output or a probability score.

The specific architecture of a neural network, including the number and type of layers, depends on the task at hand and the input data structure. By adjusting the weights and biases of the neurons in the network, neural networks can learn to recognize patterns and relationships in data and make accurate predictions and classifications on new data.

Technologies such as neural networks are being widely used these days in various areas of supply chain management, including demand forecasting, quality control, supply chain optimization, supplier risk management, predictive maintenance, and real-time monitoring by giants such as DHL, Amazon, Nestle, Procter & Gamble, and Walmart. Managers must understand and adopt these technologies so as to gain a competitive advantage, improve productivity, make better decisions, and attract and retain top talent. Also, by embracing new technologies, managers can ensure their organizations stay ahead of the curve and meet the evolving needs of their customers and employees.

INDIA STORY HAS JUST BEGUN: GEOPOLITICAL TENSIONS FUEL INDIA'S SUPPLY CHAIN BOOM



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Ongoing conflicts worldwide are reshaping global supply chains as companies look to diversify operations and reduce risks. An emerging beneficiary is India, with its massive domestic market, manufacturing capabilities, infrastructure investments, and friendly policy reforms.

Disrupting Effect of Conflicts:

Russia's invasion of Ukraine in 2022 severely restricted the critical supply of neon gas, essential for semiconductor production, from Ukraine. This affected chipmakers like Samsung and TSMC. The war also reduced wheat and fertilizer exports from the region, impacting global food inflation and supply. Similarly, the escalating tensions between China and Taiwan have heightened nerves as a confrontation could drastically hit the supply of semiconductor chips, given Taiwan's domination in space. The Russia-Ukraine war was a wake-up call for excessive dependence on China as well for sourcing, say experts. Companies are accelerating diversification plans due to the risks of China's assertiveness over Taiwan

Supply Chain Shift Towards India:

Global supply chains are witnessing a China+1 strategy, with India as a critical contender to take on manufacturing that may shift out of China in the coming years. For example, Apple wants to move nearly 25% of its iPhone production capacity to India over the next 4-5 years. Similarly, companies like Samsung, IKEA, and Lenovo are investing big to expand manufacturing in India. Germany's Lite Auto GmbH will shift all of its component manufacturing for electric vehicles to India.

India's Advantage

Market Size & Depth: India will soon become the world's 3rd largest consumer economy. Rising incomes, a growing middle class, and faster digitization translate into enormous demand for everything from electronics to vehicles and FMCG goods.

Manufacturing Ecosystem - India houses extensive manufacturing and R&D ecosystems from automobiles to pharmaceuticals. The availability of a technical workforce gives it an edge.

Infrastructure Building - Massive investments are being made in connectivity and logistics infrastructure - new dedicated freight corridors, port terminal expansions, cargo airports, and multimodal logistics parks across industrial hubs.

Reforms Push - Government reforms around GST, easier land acquisition norms, and single window clearance mechanisms have improved the ease of doing business significantly. FDI in India has grown each year as a result.

Incentive Programs - Schemes like Production-linked Incentives encourage global manufacturers to set up mega facilities in India through fiscal support for many years, provided production benchmarks are met.

De-risking China

Beyond market opportunities, experts say India also offers de-risking from excessive dependence on China. Crackdowns by the Chinese government against companies from Alibaba to Apple, stringent COVID lockdowns disrupting production, and worsening political relations with many countries introduce additional business risks for companies operating in China.

The worldwide renewable energy push has also made supply chains realize the problems of relying on the Xinjiang region in China for 45% of global solar panel material (polysilicon). Human rights violations against Uyghurs have brought ethical sourcing risks to the forefront for international brands.

India's Bright Outlook

As the world continues to reel under the prospects of economic and political conflicts, India might provide the silver lining through its emerging dominance in global supply chains across manufacturing, services, and logistics.

With an eye on de-risking China and tapping India's growth, more companies can be expected to invest in developing new local supply chain capacities over this decade. From Apple to Zara, the India story has just begun.

NAVIGATING THE FUTURE: THE ART OF REMOTE PROJECT MANAGEMENT EXCELLENCE



Suman Ashok

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In the annals of modern business, the narrative of remote work emerges as a transformative force reshaping the contours of organizational dynamics. Remote Project Management, once deemed a fleeting experiment, has now solidified its place as an indispensable facet of contemporary business strategies. Picture this: a global team seamlessly collaborating across time zones, breaking the shackles of geographical constraints. Such is the promise of remote work, a terrain that demands technical proficiency and nuanced mastery akin to orchestrating a symphony.

The Prelude:

In the intro of this transformative journey, envision a seasoned project manager orchestrating a complex project with team members scattered across continents. The digital realm is their canvas, collaboration tools are their instruments, and the challenge is to compose a harmonious symphony despite the geographical dissonance. This anecdote encapsulates the essence of remote project management - a delicate balance between technology and human ingenuity.

Strategic Symmetry:

A symphony of strategic choices lies at the heart of effective remote project management. Here, the virtuoso project manager must navigate the symmetrical alignment of technology, communication, and leadership. Embracing Agile methodologies becomes not merely a choice but an imperative, fostering adaptability and iterative progress in a landscape of constant flux.

Technological Sonata:

In the digital overture, the toolbox of a remote project manager resembles a tech symphony - collaborative platforms, project management software, and virtual communication tools harmonize seamlessly. Cloud-based repositories become the score sheets, ensuring every team member is synchronized with the rhythm of project milestones. Cybersecurity becomes the silent guardian, protecting the symphony from the discord of potential threats.

Communication Cadence:

Communication, the life of any endeavor, is paramount in remote project management. Like a maestro, the project manager must orchestrate a cadence where regular meetings, virtual huddles, and asynchronous updates harmonize. The art of being present transcends physical confines, and digital communication etiquette becomes the sheet music dictating the tone of collaboration.

Leadership Crescendo:

Remote leadership, a crescendo demanding virtuosity, extends beyond traditional paradigms. The remote project manager assumes the role of an empathetic conductor, attuned to the individual notes of team members. Trust becomes the binding melody, fostering a culture where autonomy harmonizes with accountability, creating a symphony of high-performance collaboration.

Innovation Intermezzo:

Within the nuances of remote project management lies the innovation potential. The asynchronous nature of remote work opens avenues for individual creativity. A virtual brainstorming session becomes a collective composition of diverse ideas, enriching the symphony with a tapestry of innovation.

In the grand finale of this orchestration, remote project management emerges not merely as a managerial technique but as an art form. The virtuoso project manager, wielding technology, communication, and leadership as their baton, conducts a symphony that transcends the physical boundaries of the traditional office. The melody of success in remote work emanates from a delicate balance - a harmonious blend of strategy, technology, communication, leadership, and innovation. As we navigate the future, remote project management stands poised, ready to redefine the essence of organizational excellence.

SUPPLY CHAIN TURMOIL: THE DOMINO EFFECT OF RED SEA DISRUPTIONS AND MIDDLE EAST CONFLICT

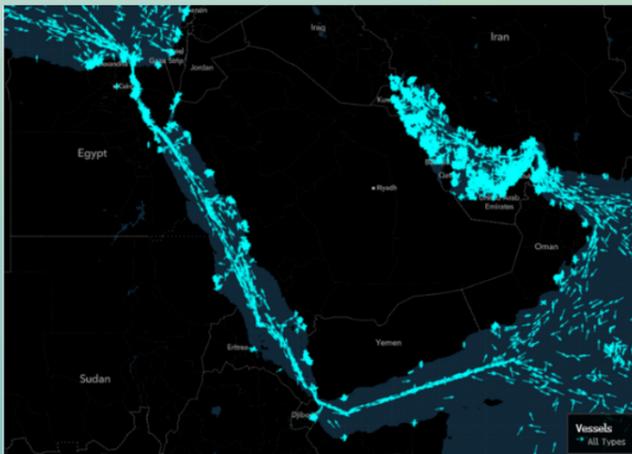


Pavan R
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Transport through maritime routes accounts for 80% of global trade volume and 70% of global trade value. As per the 2019 United Nations Conference on Trade and Development, the annual World Shipping trade accounted for more than 14 trillion U.S. dollars.

Eight global maritime routes are considered crucial in shipping cargo through the sea. Of these eight, Panama Canal handles 5% of the international trade by volume and 40% of container traffic for the U.S.A. On the other side, the Suez Canal takes almost double the Panama Canal, with 12% of global trade by value. Both these routes are considered the busiest among the world trade routes.

Major countries that use the Suez Canal include the European Union and Asian countries like India and China. The recent global tension in the Middle East, especially at the Red Sea, caused by the Israel and Hamas conflict, is proving costly for the global supply chain.



Such global tensions add to the uncertainty factor of the complex supply chain, which is still recovering from the effects of the COVID-19 pandemic. The primary concern will be the increased cost of shipping, by almost 20% more than usual, as the merchant ships will be forced to take the longer route through the Cape of Good Hope, adding another 11 to 14 days for transportation time, causing delays in the products that will be required in the European countries. The recent attack on the India-bound chemical tanker MV Chem Pluto 200 nautical miles off the Gujarat coast has caused concerns for India. All of the oil trade for India, including Russian oil, has to travel through the Red Sea to reach the Indian refineries at Mumbai, Gujarat, and New Mangalore.

Red Sea also forms the lifeline of the trade between India and the European countries as all the maritime cargo passes through the Suez Canal. This is a significant concern for the Energy security of India, as many ships that carry Russian oil to India are not insured due to the sanctions on Russia by the U.S. Indian consumer commodity products like Tea are very susceptible to the delays caused by the shipping, altering their quality and causing losses for both the parties in the Supply Chain.

The other reason for the global Supply chain concern is the reduced handling capacity of the Panama Canal. The Panama Canal authorities have halved the capacity of the ships that pass through them, citing the reasons for drought, which resulted in a water shortage for the passage of ships.

When ships take alternate trade routes, the price increase is passed on to consumers, making the products pricier and increasing the lead time of the products, causing unexpected delays and losses to the company worldwide, causing congestion at ports and increased insurance premiums for ships that move through the Suez Canal. This situation is very similar to the delay caused by the Evergreen back in 2021, which caused delays in the shipping of around 30% of container ships worldwide and increased the wait time of other ships entering the port, causing congestion.

Many shipping companies, including Maersk, have halted their operations that pass through the Red Sea and are taking the alternative longer trade route. Countries are also eyeing preferential passage at the Suez Canal and Panama Canal, providing easy passage for merchant ships destined for their countries, especially carrying crude oil. An International maritime security task force is being formed to deter further attacks by Houthis in the region. Still, the situation looks tense with the arrival of the Carrier Strike Group.

Business firms need to brace for a cut in their margin and tighter operations as the cost increases with pressure to increase the vessel capacity and longer travel times.

CRACKING THE CODE: SHARING MY EXPERIENCE IN TACKLING INTERVIEWS



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Introduction: Embarking on the interview rounds with Lam Research for the Supply Chain Planning role was akin to embarking on an exciting journey. Lam Research, a global semiconductor equipment and services leader, stood as the backdrop to this unique experience. Greeting the panel warmly, I was eager to talk to experts in the field and contribute to a company leading the charge in technology.

Interview Experience: The interview entailed two technical assessments, each lasting 45 minutes. It commenced with a comprehensive introduction, seamlessly transitioning into a discussion about my summer internship—an experience that aligned directly with the position I was being interviewed for. The questions were aimed to test my technical knowledge in demand planning and inventory management. The panel also gauged my ability to articulate concepts and included various HR questions to assess my soft skills.

The interactive session provided a platform to showcase my hands-on experience from my summer internship, emphasizing how it equipped me with practical insights into the challenges and intricacies of supply chain planning. The technical interviews, while rigorous, felt like a collaborative exploration of my skills and capabilities.

Tips for Success:

1. Start on a positive note: Express gratitude for the opportunity and acknowledge the company's expertise.
2. Ask smart questions: Inquire about industry-specific challenges during the interview, showcasing genuine interest.
3. Match skills: Align your skills with the job requirements, demonstrating a willingness to learn and improve.
4. Express eagerness to learn: Emphasize your enthusiasm to grow and adapt within the dynamic industry.
5. Engage in conversation: Turn the interview into a dialogue, showcasing technical prowess and practical communication skills.

Conclusion: Looking back on this experience, I see that an interview with Lam Research is more than just a test; it is an opportunity to learn and grow together. The mix of my internship and interview gave me a deeper understanding of supply chain planning. As we move forward, I encourage my fellow students to approach interviews with a positive mindset and see them as chances to connect their dreams with top-notch companies, fostering growth and innovation.

NAVIGATING THE ORACLE INTERVIEW: A JOURNEY TO STAFF CONSULTANT IN SUPPLY CHAIN MANAGEMENT



Ambili S Nair
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As I stepped into the world of Oracle, I embarked on a rigorous journey towards the position of Staff Consultant in Supply Chain Management. The process, spanning five stages, was a testament to Oracle's commitment to finding the best talent. Each phase brought unique challenges, testing not only my technical expertise but also my ability to adapt and innovate.

The journey commenced with an aptitude test, serving as the gateway to the subsequent stages. Designed to assess analytical and problem-solving skills, this initial hurdle set the tone for what lay ahead. With a blend of multiple-choice questions and scenario-based challenges, the test gauged fundamental competencies vital for success in the role.

Following the aptitude test were two rounds of technical interviews. These sessions delved deep into my understanding of supply chain dynamics, software proficiency, and problem-solving approach. From discussing industry trends to dissecting complex scenarios, the interviews provided a platform to showcase both theoretical knowledge and practical insights gained through experience.

The intensity escalated with the on-the-spot PowerPoint presentation. Given a prompt related to supply chain optimization, I had to swiftly craft a compelling narrative backed by data-driven insights. This segment not only assessed communication and presentation skills but also the ability to think critically under pressure. As the slides took shape, I realized the importance of clarity, conciseness, and visual appeal in conveying complex ideas effectively.

However, the pinnacle of the interview process arrived with the case study. Presented with a real-world supply chain dilemma, I was tasked with devising a comprehensive strategy encompassing analysis, recommendations, and implementation roadmap. Drawing upon cross-functional expertise and leveraging Oracle's suite of solutions, I crafted a holistic approach tailored to address the client's evolving needs. The case study underscored the significance of strategic thinking, adaptability, and innovation in driving tangible business outcomes.

Throughout the journey, the interviewers were not merely evaluating technical competencies but also assessing cultural fit and alignment with Oracle's values. Each interaction provided valuable insights into the company's ethos, collaborative culture, and commitment to driving innovation.

Reflecting on the experience, I emerged not only as a potential candidate for the role but also as a learner enriched by the challenges encountered along the way. The journey reinforced the importance of continuous growth, resilience, and a relentless pursuit of excellence.

In conclusion, the Oracle interview experience for the role of Staff Consultant in Supply Chain Management was a transformative journey marked by challenges, insights, and growth opportunities. From the initial aptitude test to the culmination of the case study, each stage tested different facets of expertise and character, shaping me into a more versatile and resilient professional. As I await the outcome, I am grateful for the opportunity to embark on this enriching odyssey and contribute to Oracle's mission of empowering organizations to thrive in the digital age.

CLUB ACTIVITY GROUP DISCUSSION

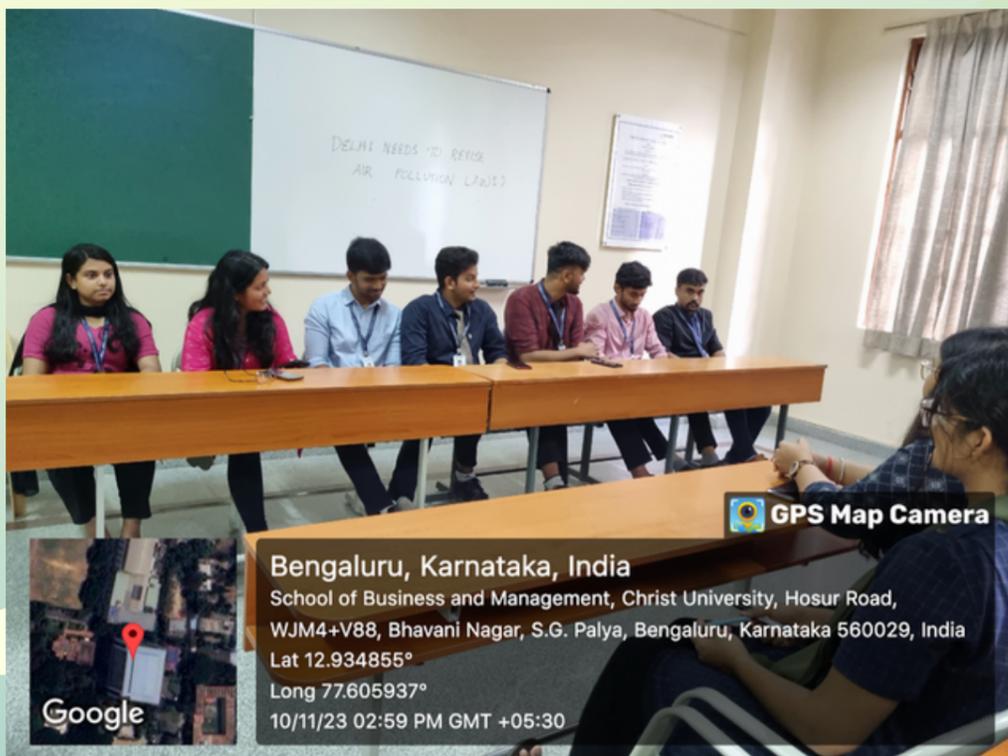
The Students engaged in an active discussion on the topic “Does the Delhi Government Need to Take Action on Pollution Control” which entailed an interesting panel discussion on various perspectives related to the topic. Students talked about the current issues and were very eager to contribute their view point in the discussion.

The end of the discussion had a question & answer and feedback session which paved the way for the participants to understand both the positives and negatives of the discussion.

Students were able to showcase their prowess by actively participating in the group discussion and the students' content and confidence level have grown significantly due to past group discussion sessions.

The club activity team also understood the importance of conducting such sessions especially in light of the ongoing placement drive in Christ (Deemed to be University).

This group discussion activity was on a very relevant topic which encouraged student participation and information dissemination in the most effective way for the students keeping in mind the ongoing placement drive.



CLUB ACTIVITY

ORIENTATION FOR MASTER THESIS AND PLACEMENT

Revised deadlines on Master's thesis were reiterated with specific guidelines to be followed.

Guidelines and instructions to be followed in placement processes henceforth were discussed.

Students actively clarified their doubts regarding the progress of sixth trimester.

The new deadlines and process for conducting Master's thesis for the students was explained in detail. This will help students to prepare well in advance to cater to the needs of their respective theses.

Feedback from placement cell in college as well as the company recruitment was discussed in detail regarding domain knowledge, behaviour, and aptitude trainings were shared with the students. This will help students in rescrutinising their preparation for placements.

The session also boasted active participation from students by getting their doubts cleared by the Head of the Specialisation for Lean Operations and Systems promptly. This will help the students to plan the trimester ahead and face the events planned with better preparation.

This orientation session was truly helpful in setting the pace for the upcoming sixth trimester with students juggling between placements and Master's thesis. Deadlines, processes, gaps encountered during placements were openly discussed to enrich students about the current situation.



ACHIEVEMENTS

PARTICIPATION IN CMS JAIN UNIVERSITY'S EVENT

DAY 1

Day 1 of the event marked the beginning of the registration process, where teams eagerly checked in and prepared for the day's challenges. The atmosphere was filled with anticipation and excitement as participants gathered for the inaugural ceremony, setting the stage for the competition ahead.

The first round commenced at 11:30 AM, with 17 teams diving into the challenge. This round focused on intricate logistical planning, requiring teams to strategize and calculate the most efficient route to fulfill various demands while navigating through a set of constraints. It tested participants' problem-solving skills, teamwork, and ability to think on their feet under pressure.

Following a brief break, the event resumed with the second round at 2:30 PM. This round presented participants with a stimulating case study along with three rejected solutions. Teams were tasked with immersing themselves in the scenario and proposing a unique solution through a roleplay format. This segment not only assessed participants' analytical abilities but also their creativity and communication skills as they brought their proposed solutions to life.

As the day came to a close, participants reflected on the challenges they faced and the strategies employed to overcome them. With the conclusion of the day's rounds, teams eagerly awaited the results, anticipating their performance in the competition.

DAY 2

Day 2 began with a buzz of excitement as participants eagerly awaited the announcement of results from the previous day's challenges. Spirits were high as our team received the exhilarating news of being shortlisted for the next round, fuelling our determination to excel further in the competition.

The day's challenge was unveiled as teams were tasked with an overnight assignment to design a presentation focusing on creating a supply chain network tailored specifically for the fast fashion sector. This task required meticulous research, strategic planning, and innovative thinking to address the unique demands and complexities of the industry.

With the clock ticking, teams delved into their assigned tasks, working tirelessly through the night to craft comprehensive and compelling presentations. The morning of Day 3 saw teams presenting their solutions to a panel of judges, who scrutinized their proposals and engaged in a rigorous viva session to delve deeper into the intricacies of each solution.

Later in the day, participants were summoned to the grand valedictory ceremony held at the MLR Convention Centre. Anticipation filled the air as the winners of the event were announced. Amidst cheers and applause, our team was elated to be declared the champions of the competition, earning the prestigious title of "Tactic Tweakers". It was a moment of immense pride and accomplishment as we celebrated our hard work, dedication, and teamwork culminating in this triumphant victory.

ACHIEVEMENTS
JOURNEY OF CMS JAIN UNIVERSITY OPERATIONS EVENT



FINAL ECHOES: A COLLEGE GOODBYE



Esha Kumari

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In the corridors of knowledge, where memories reside,
The final days of college, a bittersweet tide.
Semesters woven, a tapestry so fine,
Now stand before us, the finish line.

In the hallowed halls where friendships grew,
Echoes of laughter, a cherished view.
Last-minute cramming and shared despair,
The weight of exams, the bond we bear.

As we walk these familiar paths once more,
A nostalgia-laden breeze, through the college door.
Dorm room whispers and late-night talks,
In the final chapters, we embark.

The clock ticks louder, time slips away,
Embracing change, a brand-new day.
Faces familiar, etched in our hearts,
Departing ways as the campus departs.

The campus blooms with a farewell grace,
A sentimental journey, a heartfelt embrace.
Coffee-stained notes and worn-out books,
Marked by the years, where second looks.

Emotions cascade like a waterfall,
From the highs to the lows, we recall.
In the shadow of lectures, where dreams were spun,
We face the setting of the academic sun.

The last few days, a mosaic of emotion,
A mix of joy, sadness, a heartfelt potion.
Halls that witnessed our academic stride,
Now echo the nostalgia of college pride.

In the tapestry of memories, we're woven tight,
Through challenges faced and dreams taking flight.
As we bid adieu to this chapter so divine,
The last few days of college, an emotional sign.

A toast to the friendships that time can't erase,
To the laughter, the tears, the challenges we embrace.
In the kaleidoscope of moments, colors blend,
The last few days of college, a journey's end.

But fear not the ending, for in every farewell,
A new beginning, a story to tell.
Through the halls of books and lecture's light,
College memories shine, forever bright.

REFLECTIONS



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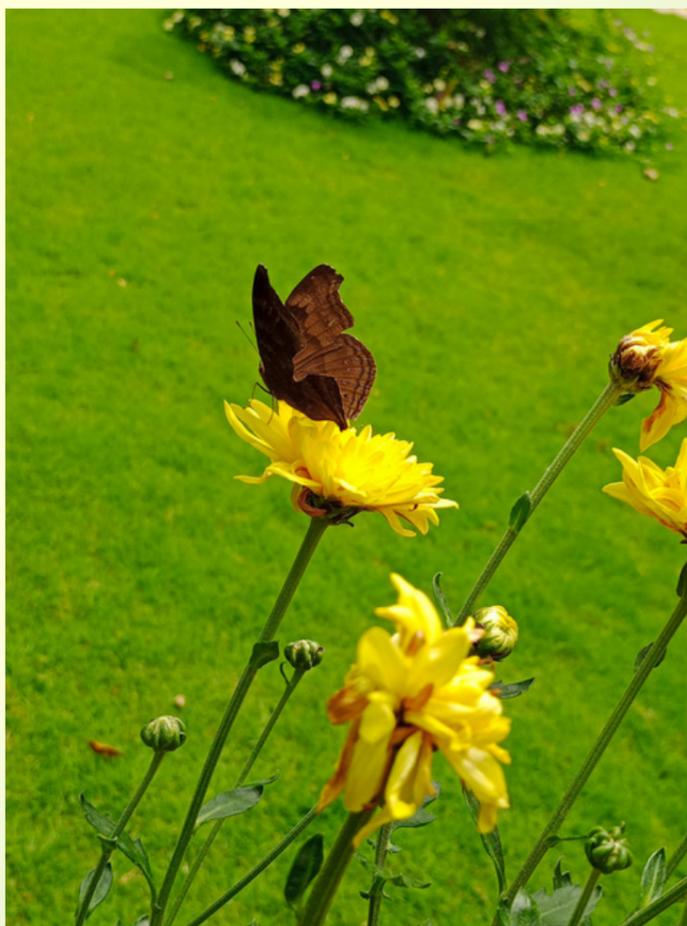
I feel the breeze rubbing off my face,
Filled with the familiar scent
Of the places I yearned to come back to,
The place filled with nothing but memories.

I knew a girl who was like glass
So shiny, yet so fragile.
Every single jerk would set her heart on fire
She was perfect even in all her imperfections
With wind in her hair and that crooked smile holds all secrets
And the eyes that seem to have seen enough for a life time.
I wonder what she was so afraid of,
But I guess I'll never know no!

PHOTOGRAPHY



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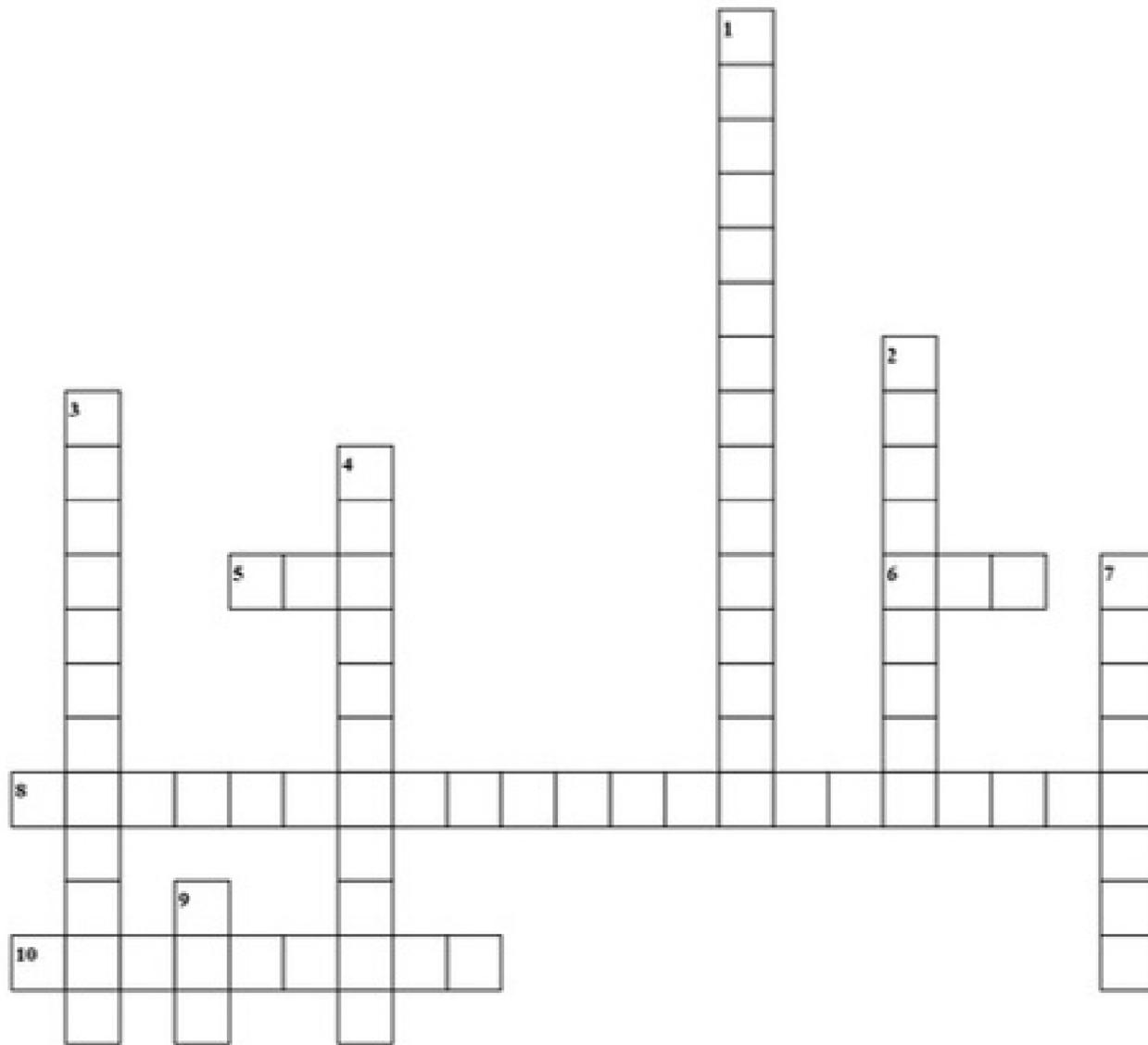
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CROSSWORD



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Across

- 5.** A software system that helps manage various aspects of a supply chain, including inventory, production, and distribution.
- 6.** A central point in a supply chain where products are received and then shipped to their final destination.
- 8.** The process of planning, implementing, and controlling the efficient and effective flow of goods and services from the point of origin to the point of consumption.
- 10.** The management of the flow of goods and services, involving the movement and storage of raw materials, work-in-progress, and finished goods.

Down

- 1.** The strategy of using multiple suppliers for the same product to reduce the risk of supply chain disruptions.
- 2.** The location where products are stored before they are shipped to customers.
- 3.** The process of moving goods from the manufacturer to the consumer.
- 4.** The network of organizations involved in producing and delivering a particular product to the end customer.
- 7.** The time it takes for a product to be manufactured and delivered to the customer.
- 9.** A method of inventory management where products are only ordered and received when they are needed.

TEAM



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