

Excuse me AMTICS!

August 1, 2024

ISSUE 02

FORTNIGHT FLASH

A Week Long Intensive Training at Goldenmace (July 15-20, 2024)



Goldenmace IT Solutions recently hosted a comprehensive one-week internship on SEO, WordPress, and Digital content creation from 15 - 20 July, 2024. During this intensive program, our student team members — Mr. Dhruv Panchal, Ms. Dhruvi Patel, Mr. Parin Shah, Mr. Pinkesh Patel, Mr. Ronak Sheladiya, and Ms. Vishwa Patel—delved into various technical domains, including WordPress development, Figma for UI/UX design, SEO strategies, and digital content creation. Hands-on training provided them with practical skills and advanced knowledge to enhance their proficiency in these critical areas. This immersive experience provided a comprehensive foundation in SEO and WordPress, highlighting the importance of hands-on learning. The students gained valuable skills and practical knowledge.

Kargil Vijay Divas Celebration (July 26, 2024)



On July 26, 2024, AMTICS commemorated Kargil Vijay Divas, honoring the sacrifices of our brave soldiers and celebrating patriotism. The event began with a 'Deep Jyoti' lamp lighting ceremony by faculty members, symbolizing valor and sacrifice. Ms. Honey Raj and Ms. Upasana Singh narrated the Kargil War, highlighting key events and strategic operations that led to India's victory. Artistic tributes by Krupali Sadani, Mayur Gurav, and Krunal Raval reflected deep respect for the defenders. The event wrapped up with a moving rendition of the national anthem, which left attendees feeling a profound sense of respect, hope, and gratitude. The celebration underscored AMTICS' unwavering commitment to honoring the legacy of military personnel and promoting a strong sense of patriotism.

FORTNIGHT FLASH

Haritparv – एक पेड़ माँ के नाम (July 20-24, 2024)

The NSS unit of AMTICS celebrated Harit Parv - एक पेड़ माँ के नाम with a special event focused on environmental awareness and tree planting. Students planted trees to honor Mother Earth and promote a greener environment. Over 103 students enthusiastically joined the tree planting activities, emphasizing the importance of ecological conservation and sustainable living. This initiative aligns with the vision of a greener future, encapsulated by the motto एक पेड़ माँ के नाम inspired by our honorable Prime Minister Narendra Modi.



Medical Checkup and Blood donation activities organized by our NSS unit. (July 23, 2024)

On the death anniversary of Shree Naranji Bhakta, AMTICS honored his legacy with an event dedicated to health and compassion. Over 250 students participated in anemia and eye check-ups, promoting well-being and preventive care. Additionally, 15 students donated blood, embodying Shree Naranji Bhakta's values of selfless service and community welfare. The event highlighted the enduring impact of his teachings on fostering empathy and holistic health among the student's body.

AMTICS organized a workshop on Chatbot development with Python on Saturday, led by Mr. Dhruv Desai, working as a Principal Specialist at Mastek Ltd. With six years of experience, Mr. Dhruv guided students through hands-on development of both rule-based and AI-driven chatbots using Python. Participants were introduced to the world of AI and popular Python libraries like Rasa, Ollama, and more. The workshop was a success, thanks to the enthusiastic students and the expert guidance of Mr. Dhruv.

One Day Workshop on Chatbot development with Python (July 27, 2024)



FORTNIGHT FLASH

Granted Patent



Dr. Vishvajit Bakrola, Director, and Mr. Keyur Surati, Assistant Professor at AMTICS, have been engaged in developing a state-of-the-art design for a strapless mask over the past year. Their innovative work has culminated in the successful granting of a design patent by the Patent Office of India.

Placements

The AMTICS family extends heartfelt congratulations to Mr. Ayush Kumar, Mr. Vasu Mendapara, and Mr. Dhyan Moradiya on their selection by Casepoint Pvt. Ltd. And Mr. Dhruv Patel, Ms. Dhwani Kedar, Mr. Romil Movaliya, and Mr. Aditya Rajpurohit on their selection by Inkey Solutions.

Their exceptional skills and resilience throughout their academic journey have led to this achievement. This success is a testament to their perseverance and the strong support from our professors and placement cell.

GLIMPSE AHEAD

One Day Workshop on Figma Design (August 02, 2024)

We're excited to host a one-day Figma UI/UX workshop on August 2, 2024, led by Mr. Karan Barad, lead UI/UX designer at Iqonic Designs. With over four years of experience, Mr. Barad will guide participants through essential UI/UX principles and best practices using Figma. This workshop offers a great opportunity for students to enhance their design skills, explore career prospects, and network with an industry expert.

हर घर तिरंगा - 78th Independence Day (August 15, 2024)

As initiated by our honorable Prime Minister Mr. Narendra Modi, we embrace the patriotic essence of हर घर तिरंगा. As part of the NSS AMTICS event, we, the citizens of our nation, will proudly hoist the National Flag—तिरंगा at our homes to commemorate the 78th Independence Day. We will capture and share this heartfelt moment to celebrate virtually. We pledge to embrace this tradition together and with unity, honoring our nation's independence and fostering a shared sense of pride.

THE TALES OF AMTICS

Book Review

"Zero to One" by Peter Thiel is a thought-provoking book that dives into the unique ideas and strategies that have helped Thiel build multiple successful companies. Thiel, co-founder of PayPal and Palantir, has shared his insights on creating something new and valuable, rather than just being a simple company in a market. In this book, he has unraveled his thoughts about how to build a successful company from scratch. These ideas can help all the generations in their journey to build a company, regardless of stage or how old it has existed. He has emphasized the importance of innovation and the thrill of finding something new and original. He also provides practical advice on topics like startups, technology, and business strategy, all backed by his own experiences. The book is filled with real-world examples and clear explanations, making it accessible and engaging. Definitely a must-read for the upcoming entrepreneurs.

- Jash Fijiwala (5th Semester B.Tech. CSE)

"The Mask we Wear"

Everyday can't have a happy ending
No one is happily ever after
What we see from outside
Is what we pretend to believe
Or may be that's what we believe
But everyone goes through a sad phase
It's only, they don't show that face

No one wants to notice that part
No one, literally no one wants to know that bitter truth
Neither they are interested nor they want to know it
But I know someone who would relate to me
And that would definitely make a difference

- Ms. Yasvi Chokhawala
(5th Semester, B.Tech. CSE)

Kargil Vijay Divas

AMTICS has established a significant tradition of celebrating Kargil Vijay Divas every 26th July. This year, the responsibility of organizing the event presented a unique challenge: setting a benchmark for juniors and educating them about the sacrifices of our soldiers. With the invaluable guidance of seniors and mentors, the organizing team successfully met this challenge. Working under the guidance of esteemed mentors and seniors was a wonderful experience. The organizers expressed immense pride in transitioning from being audience members in previous years to playing an active role in organizing and hosting the event this year. Hosting the event was not only an honor but also an enlightening journey. The organizers gained a deeper understanding of the importance of Kargil Vijay Divas and why it is celebrated annually. Sharing this knowledge with juniors was a fulfilling experience, highlighting the immense contributions and ongoing efforts of our soldiers in safeguarding the nation. The detailed exploration of Kargil Vijay Divas underscored the importance of every Indian citizen being aware of the significant sacrifices made by our soldiers. The organizing team extends heartfelt thanks to all the faculty members of AMTICS for providing this invaluable opportunity and for their unwavering support in organizing such a significant event.

- Ms. Honey Raj and Ms. Upasana Singh
(3rd Semester, B.Tech. CSE)

THE TALES OF AMTICS

વિપરીત પરિસ્થિતિઓ સામે અરુણિમા સિન્હાની વિજય ગાથા

અરુણિમા સિન્હા, એક પૂર્વ વોલીબોલ ખેલાડી, ની કથા અસાધારણ ધીરજ અને સંકલ્પની છે. ૨૦૧૧ માં, ટ્રેન મુસાફરી દરમિયાન લુંટ અને હાથપાઈમાં અરુણિમાએ તેનો એક પગ ગુમાવ્યો. આ ઘટનાએ તેની જિંદગીમાં મોટો પડકાર ઉભો કર્યો, પરંતુ અરુણિમાએ આ પડકારને અવસરમાં ફેરવવાનું નક્કી કર્યું.

દર્દ અને અઘરા દિવસોની પરિસ્થિતિઓ વચ્ચે, તેણે કદી હાર ન માનવાનું નક્કી કર્યું. ઓપરેશન પછી, અરુણિમાએ એવરેસ્ટ શિખર સર કરવાનો સંકલ્પ સાધ્યો, જે કૃત્રિમ-પગ સાથે અત્યંત મુશ્કેલ જાણતો હતો. અરુણિમા એ નિષ્ઠાપૂર્વક તાલીમ શરૂ કરી. કૃત્રિમ-પગ સાથે ચાલવું શરૂઆતમાં ઘણું પીડા દાયક હોય, પરંતુ ધીરજ અને મહેનત દ્વારા તેઓ ઝડપથી આગળ વધ્યા. આ માર્ગમાં અનેક વખત તેને નિરાશા ભોગવવી પડી, પરંતુ તેઓની મહેનત અને મક્કમ ઈચ્છા રંગ લાવી.

૨૦૧૩ માં, અરુણિમાએ એવરેસ્ટ શિખર સર કરીને ઇતિહાસ રચ્યો. તે વિશ્વની પ્રથમ અંપૂર્ણ મહિલા બની, જેણે આ શિખરને સર કર્યો. તેની યાત્રા દરેકને પ્રેરણા આપે છે કે સંકલ્પ અને મહેનતથી અસાધારણ સિદ્ધિઓ મેળવી શકાય છે.

--સાર--

અરુણિમા સિન્હાની યાત્રા આપણને શીખવે છે કે જીવનમાં કઈપણ અશક્ય નથી. વિપરીત પરિસ્થિતિઓ પર, મક્કમ સંકલ્પ અને મહેનતથી વિજય પ્રાપ્ત કરી શકે છે. તેણીની કથા આપણને યાદ અપાવે છે કે અથાક પ્રયત્ન અને અતૂટ સંકલ્પ સાથે કોઈપણ મુશ્કેલીઓનો સામનો કરી વિજયી બની શકાય છે.

-રોનક શેલડીયા



“A vibrant doodle capturing the essence of college life and digital connectivity, featuring icons of social media, technology, and everyday moments. This artwork symbolizes the dynamic interplay of friendship, communication, and modern online culture.”

- Prof. Vidhi Sutaria

ECHOES OF INNOVATION

Unleashing the power of Quantum Computing

Quantum computing, a realm once confined to the pages of science fiction, is rapidly transforming into a tangible reality. This revolutionary technology harnesses the principles of quantum mechanics to perform computations at speeds exponentially faster than classical computers.

Unlike traditional computers that use bits representing either 0 or 1, quantum computers employ qubits. These enigmatic particles can exist in multiple states simultaneously, a phenomenon known as superposition. This unique property, combined with quantum entanglement – the interconnectedness of particles regardless of distance, empowers quantum computers to explore vast computational landscapes in parallel.

The potential applications of quantum computing are staggering. From developing life-saving drugs to optimizing complex financial models, the technology promises to revolutionize industries. Additionally, it could lead to breakthroughs in materials science, artificial intelligence, and cryptography.

Tech giants like Google and IBM are at the forefront of this quantum revolution. Google's Sycamore processor made headlines by achieving quantum supremacy, demonstrating the ability to perform a specific calculation that would take 10,000 years for the world's fastest supercomputer in just a few minutes. This astounding feat highlights the immense potential of quantum computing. IBM, on the other hand, has adopted a more open approach, providing cloud access to its quantum computers, allowing researchers and developers worldwide to experiment and explore the technology's potential.

While quantum computing is still in its infancy, the progress made thus far is awe-inspiring. As research and development continue to accelerate, we can anticipate a future where quantum computers become indispensable tools, reshaping our world in ways we can only begin to imagine.

*Mr. Manas Sunil Patil
(5th Semester, B.Tech. CSE)*

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