

# Excuse me AMTICS!

July 18, 2024

ISSUE 01

## WE ARE AMTICS!



The Asha M. Tarsadia Institute of Computer Science and Technology, a constituent institute of Uka Tarsadia University, was established in 2021 with a vision to be a distinguished research and teaching institution. Our goal is to drive progress in computer science and allied engineering disciplines while cultivating exceptional technical talent and creating technological solutions that profoundly influence society. The institute's motto, सिद्धिर्भवति कर्मजा, is derived from verse 12 of chapter 4 of the Shrimad Bhagavad Gita. This profound verse encapsulates the timeless wisdom that underscores the importance of dedicated action. The institute strives to fulfill its vision and mission, adding one feather at a time with a constant pace.

In 2021, the institute embarked on its journey with an energetic and vibrant batch of 127 students. Over the past three years, through unwavering dedication, innovative teaching methods, and a commitment to excellence, our community has flourished. Today, in 2024, we proudly celebrate a remarkable expansion, with our family now comprising over 1,000 passionate and driven individuals. This significant growth is a testament to our dynamic environment, fostering a culture of learning, industry-academic collaborations, co-curricular and extra curricular activities, and continuous improvement. Together, we are building a brighter future, united by our shared values and collective aspirations.

## FORTNIGHT FLASH

### Vishwa Yog Divas June 21, 2024



We celebrated Vishwa Yog Divas on June 21, 2024, organized by the National Service Scheme (NSS) unit of AMTICS. Under the guidance of a professional trainer, over 15 participants performed 12 Surya Namaskars with accompanying slokas, gaining an understanding of the importance of incorporating this practice into their daily routine for a healthy life.

### Expert Talk June 26, 2024

An expert talk titled "Your Path to Professional Success - Mastering the Art of Placement" was organized for final and pre-final year total of 150 students. Mr. Hindustani Modi, CEO of Iqonic Design, delivered the talk.

### Signing MoU with Iqonic Design June 26, 2024

AMTICS has signed a three-year Memorandum of Understanding (MoU) with Iqonic Design, Surat. This MoU will serve as a cornerstone in bridging the gap between industry and academia, fostering the development of industry-required skills for our students.

### Flutter Development July 11, 2024



A Flutter Development Bootcamp was held on July 11, 2024, for final and pre-final year students. The session was led by Mr. Kelvin Bhavsar, a Senior Software Development Engineer (Flutter) at Doc2U Pvt. Ltd. in Toulouse, France, with over seven years of experience. A total of 57 students participated in the bootcamp, enhancing their skills in Flutter development.

### National Statistics Day June 28, 2024



In recognition of the exceptional contributions of the late Indian mathematician Prof. Prashant Chandra Mahalanobis, students actively participated in various elocution and essay writing competitions.

## THE TALES OF AMTICS

### अपनों की देन

गैरों से जीत की क्या उम्मीद  
शिकस्त तो अपनों ने दी है!

आज एक जंग भीड़ी है भीतर  
जिसकी पहल तो अपनों ने दी है!

हकीकत ने राह छोड़ी है  
तूटी लगाम तो अपनों ने दी है!

वक्त का खुशनुमा सूर था  
खामोशी तो अपनों ने दी है!

आश ने भी सांस छोड़ी है  
घुटन तो अपनों ने दी है!

जिंदगी की उलफ़त-ए-बहार में  
वज़ाहत की सिख तो अपनों ने दी है!

- गति शाह



आजादी की इस चाह में,  
तू ना छोड़ शिक्षा की राह।

“Never add content to  
someone else’s story,  
Create your own.”

- Yasvi Chokhawala

## THE ECHOES OF INNOVATION

### What is Artificial Intelligence?

Artificial Intelligence (AI) has a rich history that dates back several decades, marked by significant milestones and advancements that have shaped its development into the transformative technology we know today. The concept of AI emerged in the mid-20th century, with influential thinkers such as Alan Turing laying the groundwork. Turing, in his seminal paper "Computing Machinery and Intelligence" (1950), proposed what is now known as the Turing Test. This test was designed to determine a machine's ability to exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human.

AI is defined as the ability of a machine to think, reason, and act like a human. This encompasses a wide range of capabilities, from understanding natural language and recognizing patterns to solving complex problems and making decisions autonomously. AI aims to create systems that can perform tasks traditionally requiring human intelligence. This includes learning from experience, adapting to new inputs, and performing human-like activities with a high degree of accuracy. AI systems achieve this through various techniques, including machine learning, deep learning, and neural networks, which enable them to process vast amounts of data and improve their performance over time.

## GLIMPSE AHEAD

### Chatbot Development July 27, 2024

The institute is organizing a One-Day Workshop on Chatbot Development with Python on July 27, 2024. This workshop aims to provide participants with in-depth knowledge and practical skills in creating interactive chatbots that serve domain-specific purposes. The session will cover various aspects of chatbot development, including designing conversational flows, integrating natural language processing, and deploying chatbots for real-world applications. Mr. Dhruv Desai, Principal Specialist at Mastek Ltd., Ahmedabad, will lead the workshop as the resource person, bringing his extensive expertise and experience in the field to guide and mentor the participants.

### Figma Design August 2, 2024

A One-Day Hands-on Workshop on UI/UX Design with Figma is scheduled for August 2, 2024, in collaboration with Iqonic Design, Surat, under the recently signed Memorandum of Understanding (MoU). This workshop is thoughtfully organized to offer students an immersive and practical experience in front-end design, focusing on the latest trends and techniques in UI/UX design. Participants will have the opportunity to work hands-on with Figma, a leading design tool, enhancing their skills and understanding of user interface and user experience design.

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