

# Excuse me AMTICS!

September 15, 2025

ISSUE 25

## FORTNIGHT FLASH

### Placement Data (September 01- September 15, 2025)

The recent placement drive at our institute witnessed enthusiastic participation, with renowned companies like Cialfor Research Labs (P) Ltd., Grow solutions, Codesdot Solutions



They offered opportunities in a variety of domains including Web Developer, Business Analyst, DevOps, Flutter, AI & ML, Python developer, DBA and more. Companies emphasized proficiency in key technologies and strong communication skills, ensuring our students are industry-ready.

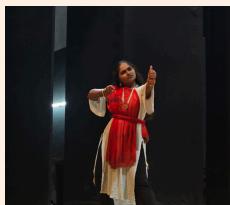
### AMTICS Teachers' Day (September 04, 2025)

AMTICS celebrated Teachers' Day with great joy and heartfelt appreciation for the teachers. The event started with a warm welcome where teachers were honored by placing flower garlands around their necks. This was a special gesture to show respect and gratitude for their constant guidance and support. Following this, the teachers were felicitated with gratitude cards, expressing the students' sincere thanks for their dedication and hard work throughout the year.



## FORTNIGHT FLASH

The celebration then moved on to a series of exciting performances. Students and faculty members showcased their talents through dances, singing, poetry recitations, and poems. These performances not only entertained everyone but also reflected the creativity and effort put into making the day special. Along with the performances, all faculty members actively participated in fun games and dare challenges, creating a lively and cheerful atmosphere.



The day was filled with laughter, enjoyment, and a strong sense of togetherness. The smiling faces of the teachers were the highlight of the event, bringing immense joy to the student coordinators who worked hard to organize everything. Overall, the Teachers' Day celebration at AMTICS was a memorable and successful event that strengthened the bond between students and teachers.

# THE TALES OF AMTICS

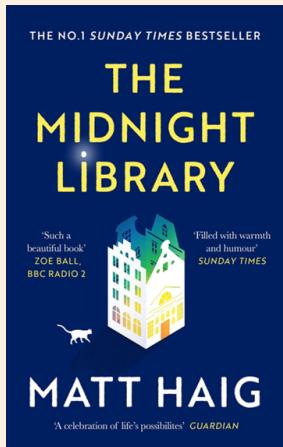
## Art



*"Grace flows where colors dance — a whisper of divinity in every feather."*

-Yasvi Piyush Chokhawala  
(7th Semester, B.Tech CSE)

## Book Review



*The Midnight Library* by Matt Haig

In *The Midnight Library*, Matt Haig presents a deeply reflective and imaginative story about the choices we make, the regrets we carry, and the infinite possibilities that shape our lives. This novel beautifully bridges the line between fiction and philosophy, offering readers an emotional journey through the what-ifs of existence.

The protagonist, Nora Seed, is a woman burdened by disappointment and regret. Feeling that her life has lost all meaning, she decides to end it—only to find herself in a mysterious library that exists between life and death. Each book in the library represents a different version of her life, based on the choices she could have made differently. Guided by her old school librarian, Mrs. Elm, Nora explores these alternate realities—becoming a rock star, a glaciologist, a mother, and more—only to discover that perfection is an illusion and that true happiness lies not in changing the past but in appreciating the present.

Haig's storytelling is both simple and profound. His writing resonates with readers of all ages because it speaks to a universal truth: everyone has regrets. Yet through Nora's journey, he shows that regrets can be transformed into lessons, and that even small acts of courage can lead to fulfillment. The narrative is laced with emotional depth and existential thought, making readers pause to reflect on their own lives and choices.

What stands out most is Haig's ability to balance melancholy with hope. He doesn't shy away from mental health themes—depression, anxiety, and self-worth—but approaches them with empathy and warmth. The “library” itself becomes a powerful metaphor for the human mind—an endless collection of possibilities, hopes, and memories waiting to be rediscovered.

## THE TALES OF AMTICS

Ultimately, The Midnight Library is a celebration of life in all its imperfection. It encourages readers to embrace uncertainty, to find joy in the smallest moments, and to understand that living fully is more valuable than living flawlessly.

-Yasvi Piyush Chokhawala  
(7th Semester, B.Tech CSE)

### Everything, All At Once

Life's a messy poem - some lines rhyme, some don't,  
Some dreams bloom early, some just... won't.  
Love feels like spring, all petals and hue,  
Till it rains one day, and you start anew.

We build our empires out of words and plans,  
Shake a thousand hearts, and a few cold hands.  
Books teach us to feel, flowers teach us to fade,  
And sadness, sadness - makes meaning stay.

But time has a way of making peace,  
Turning chaos into gentle release.  
For even in storms, the sky stays wide,  
And somehow, joy finds its way inside.

So here's to it all - the loss, the cheer -  
To living, and loving, and being here.

-Raihan Ajmeri  
(3rd Semester, B.Tech CSE)

## Quote

"They say EVERYTHING HAPPENS FOR A REASON but there are some things in life for which you can't find one."

-Yasvi Piyush Chokhawala  
(7th Semester, B.Tech CSE)

## ECHOES OF INNOVATION

### Generative AI: A Disruptive Force in Emerging Technologies

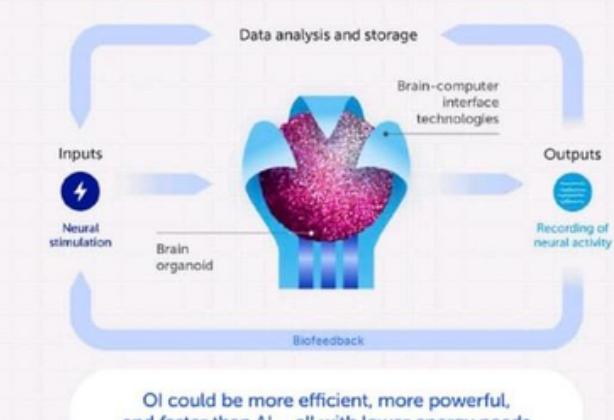
#### What Exactly Are Brain Organoids?

Organoids are miniature, simplified versions of human organs grown in the laboratory from stem cells.

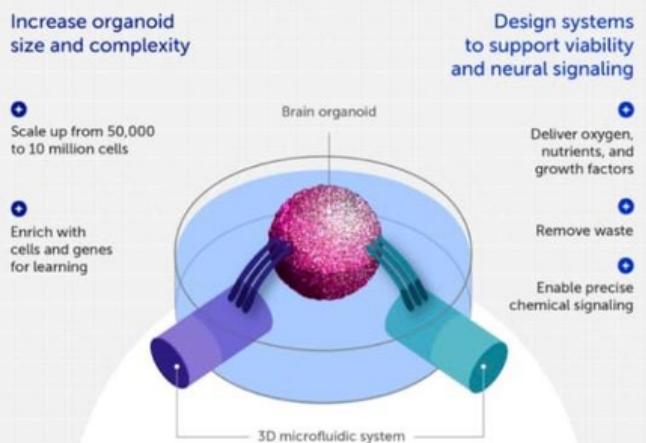
A brain organoid is a cluster of human neurons (brain cells) arranged in a way that mimics the early developmental structure of the human brain.

Unlike a full brain, they are tiny (about the size of a rice grain), but they can generate electrical signals, form connections, and even show learning-like activity. In short, brain organoids are living, biological models of our nervous system.

#### Organoid intelligence The new frontier in biocomputing



#### Organoid intelligence requires new cell culture and bioengineering technologies



## How Do They Become “Computers”?

- 1) Traditional computers process information using transistors—tiny on/off switches made from silicon. But brain organoids use neurons, which:
- 2) Communicate via electrical impulses (like transistors).
- 3) Form connections (synapses) that strengthen with use—this is how learning happens.
- 4) Work in parallel, allowing massive amounts of data to be processed at once.

Researchers are now connecting brain organoids to sensors, electrodes, and AI frameworks so they can be trained to recognize patterns, solve problems, and even play simple games. This merging of biology and technology is what we call Organoid Intelligence.

## Why Is This Revolutionary?

### 1) Energy Efficiency

The human brain runs on about 20 watts of power—less than a dim light bulb. In contrast, training today’s large AI models consumes megawatts of energy. Organoid computing could offer super-efficient alternatives to power-hungry silicon AI.

### 2) Learning Ability

Unlike computers, neurons adapt naturally, learning new patterns without needing explicit reprogramming. This could allow organoid-based systems to be more flexible than current AI.

### 3) New Research in Neuroscience

By studying how organoids learn, scientists can better understand disorders like Alzheimer’s, epilepsy, and autism—and design improved treatments.

## Real-World Applications on the Horizon:

- 1) Artificial Intelligence: Organoid-based “biological processors” could accelerate AI research by mimicking natural learning processes.

- 2) Drug Discovery: Testing medicines directly on brain organoids may predict how real human brains will respond.
- 3) Brain–Computer Interfaces: Imagine hybrid devices where living neurons interact with machines for prosthetics or assistive technology.
- 4) Sustainability: Green computing powered by biological systems instead of massive data centers.

### Challenges and Ethical Questions:

- 1) Like any cutting-edge innovation, organoid intelligence raises tough questions:
- 2) Ethics: Could organoids ever develop consciousness? If so, what rights would they have?
- 3) Scalability: Can we grow organoids large and stable enough to compete with silicon processors?
- 4) Integration: How do we safely and reliably connect living neurons with electronic systems?

These are not just scientific challenges but philosophical ones, too—forcing us to rethink what it means to “compute.”

### The Future of Wetware Computing:

We are still in the early days of organoid intelligence. The first studies only began in the last few years, but already, researchers have taught brain organoids to play video games like Pong. Imagine what could be possible in the next 20–30 years: supercomputers powered by networks of living neurons, or personalized “mini-brains” that simulate how new medicines might work for an individual patient.

This field may redefine not only computer science but also our understanding of intelligence itself.

-Bratick Bhaumik  
(3rd Semester, B.Tech CSE)

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