



Department of Electrical and Electronics Engineering

TEDx Talk

What If Engineers Are Copycats?

SPEAKER

Kiran Christopher
TEDxMACE

 **15 October 2025**
 **4:00 PM - 5:00 PM**
 **B-205**
 **VII Sem**

Faculty Coordinator

Ms. Kavitha C H
Senior Assistant Professor - EEE

Dr. Sujitha S
Professor & Head - EEE

TEDx Talk Report

Organized by Department of Electrical and Electronics Engineering

Event Title: TEDx Talk - "What If Engineers Are Copycats?"

Speaker: Kiran Christopher, TEDxMACE

Date: 15 October 2025

Time: 4:00 PM - 5:00 PM

Venue: B-205

Audience: VII Semester EEE Students

Faculty Coordinators: Ms. Kavitha C H (Senior Assistant Professor - EEE), Dr. Sujitha S (Professor & Head - EEE)

The Department of Electrical and Electronics Engineering organized a TEDx Talk as part of its academic enrichment initiatives. The event, titled "**What If Engineers Are Copycats?**", aimed to challenge conventional perceptions about innovation and imitation in engineering. The session was conducted on **15 October 2025** at **New Horizon College of Engineering**.

The speaker, **Kiran Christopher** from TEDxMACE, delivered an insightful and thought-provoking talk emphasizing the role of reverse engineering and adaptation in technological advancement. He highlighted how many groundbreaking innovations have roots in studying, adapting, and improving upon existing ideas.

The talk encouraged students to rethink the stigma around “copying” and to understand the thin line between plagiarism and creative adaptation. The event was interactive, with students actively participating in discussions and asking insightful questions.

The faculty coordinators expressed their gratitude to the speaker for sharing his expertise and inspiring the students to view engineering with a fresh perspective. The event concluded with a vote of thanks, followed by an engaging networking session.

Outcome of the Event: Students gained new perspectives on innovation and imitation. They understood the value of analyzing existing technologies to create better solutions. Encouraged a culture of critical thinking and creative adaptation.

KeyTake aways

- **Nature as a blueprint:**

From the structure of a lotus leaf to the aerodynamics of bird wings, nature has evolved optimal solutions over millions of years. Engineers can *copy these designs* to solve modern problems.

- **Biomimicry in action:**

- *Velcro* was inspired by burrs sticking to dog fur.
- *Bullet trains in Japan* mimic the beak of a kingfisher to reduce noise and improve speed.
- *Self-cleaning surfaces* replicate lotus leaf microstructures.

Prof. Christopher urges engineers to shift from ego-driven originality to **humble observation and emulation**. By embracing biomimicry, we can design technologies that are:

- More efficient
- Environmentally friendly
- Surprisingly innovative

Broader Implications

This mindset encourages:

- **Interdisciplinary thinking:** blending biology, engineering, and design.
- **Sustainable development:** reducing waste and energy use.
- **Educational reform:** teaching students to observe, question, and emulate rather than just invent.

Conclusion: The TEDx Talk was a great success, fostering curiosity and innovative thinking among the participants. Such events play a crucial role in preparing students to face real-world engineering challenges with an open and analytical mindset.





Department of Electrical & Electronics Engineering
TEDx Talk -Report 2025-26

Sem/Sec	Room Number Faculty Coordinator	Date	Time	Topic	Link
VII/A&B	B-205 Prof.Kavitha.C H	15.10.2025	4.00pm- 5.00pm	What If Engineers Are Copycats? Kiran Christopher TEDxMACE	https://www.youtube.com/watch?v=YTSLpi mJbFg

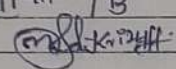
NAME: <u>S. Bindushree</u>
USN: <u>INH22EE094</u>
SEMESTER/SECTION: <u>7th B</u>
SIGNATURE OF STUDENT: <u>[Signature]</u>

TEDx Talk Report

In his TEDxMACE talk, Prof. Kiran Christopher from Mar Athanasius College of Engineering reveals how nature inspires innovation engineering through biomimicry. He emphasizes that the smartest, most sustainable solutions often come from observing and imitating nature's designs. Rather than seeing problems, he sees blueprints - asking "How would nature do it?" His talk encourages engineers to think differently, proving that nature often holds the answers to humanity's toughest challenges.

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NAME: Mudavath Vamsi Krishna Naik
USN: INH22EE069
SEMESTER/SECTION: VII-4A / B
SIGNATURE OF STUDENT: 

TEDx Talk Report

→ Title: Nature as the Blueprint for Innovation.

→ Introduction: As an experienced engineer and innovator, Prof Kiran highlights the importance of Observing and Learning from natural systems to address some of Humanity's most complex Engineering & Sustainability challenges.

→ Summary: Through the concept of Biomimicry, he explains how studying the designs, Patterns & Processes found in nature can lead to smarter and more Sustainable Solutions.

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NAME:	SHREYA. N
USN:	INH22EE101
SEMESTER/SECTION:	VII 'B'
SIGNATURE OF STUDENT:	Shreya. N.

TEDx Talk Report

Prof. Kiran Christopher's TEDx talk was very
 inspiring and insightful. He explained how nature
 can be a great teacher for solving complex engineering
 problems. By studying how plants, animals and
 natural system work, engineers can find smarter,
 more sustainable and innovative solutions. His
 approach shows that many challenges we face
 can be solved by learning from natural world,
 making his message both hopeful & practical.