

# **TechSphere 2024**

## ***Annual Technology Magazine***

**VidyaOne Demo College – Department of Computer Science & Applications**

### **Editor's Note**

Welcome to the 2024 edition of *TechSphere*, where innovation meets imagination. This year's magazine highlights the remarkable creativity, research, and technical enthusiasm of our students and faculty.

— *Editor-in-Chief*

**TechSphere Committee**

VidyaOne Demo College

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## Featured Articles

- **AI for Social Good** – How students are solving real-world problems with machine learning.
- **Cybersecurity Trends 2024** – A look at future threats and countermeasures.
- **The Rise of No-Code Platforms** – Changing how we build applications.

## Student Innovations

- Smart Attendance System using Facial Recognition
- IoT-Based Home Automation with Low Power Sensors
- Android App for College Resource Navigation
- Blockchain Voting Model Prototype

## Achievements & Events

- 🏆 **HackVidya 2024** – 50+ teams, 24 hours, 1 champion
- 🌐 TechTalks: Weekly webinars with industry professionals
- 🧑‍🎓 Workshops on Cloud Computing, Python, and Ethical Hacking

## Coding Corner

```
python
CopyEdit
def greet(name):
    return f"Hello, {name}! Welcome to TechSphere 2024."
```

## Tech Puzzles




**Q:** What begins with T, ends with T, and has T in it?

**A:** A teapot!

## Acknowledgments

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**Let innovation lead. See you in TechSphere 2025!**