

# Bytes and Beyond Newsletter

K.K.W.I.E.E.R

DEPARTMENT OF  
INFORMATION  
TECHNOLOGY

Compiled by ITERON Editorial Board, Headed by Om Mathpati

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## Department Highlights

### Industrial Visit

On 13th September 2024, 50 second-year IT students, accompanied by Prof. Poonam Patil and Prof. Yogita Shewale, visited Parle Pvt. Limited, Igatpuri. The visit offered valuable insights into industry operations and manufacturing processes.

### Research Contributions

- Dr. Darshan V. Medhane published a paper on Privacy-Preserving Location Information Fusion in IEEE Transactions on Consumer Electronics.
- Presented a paper on Smart Grid Security at the 2024 IEEE CNS Conference, featuring a 91% accuracy in anomaly detection.

In This Newsletter,  
You'll See:

Department  
Highlights

Research  
Excellence

Student  
Achievements

Blog

Student's Corner



An expert session on "Artificial Intelligence" by  
Mr. Atishkumar Gangnar



An expert session on "Cyber Security Awareness" by  
Mr. Onkar Gandhe

## Student Achievements

- Anushka Naik secured a position at Aress Software, Nashik.
- Students attended expert sessions and workshops by Iteron Club, gaining practical skills in Machine Learning, AI, and Cybersecurity.

## Have we reached Peak Human? - Blog

When I refer to "Peak Human," I'm talking about the moment when AI systems surpass the cognitive abilities of the majority of humans, marking the point where we begin to lose our intellectual edge. After this, AI will continue to outthink us until it reaches Superintelligence, a far more dangerous milestone. While most focus on the latter, I believe the former is critical to track, as it could occur in months, not years.

Until recently, humans could easily outperform AI in basic reasoning tasks. The classic IQ test has been a common measure of human reasoning, though not a perfect one. Recently, journalist Maxim Lott tested Large Language Models on a standardized Mensa IQ test. For the first time, an AI model, OpenAI's "o1," scored 120—significantly surpassing the median human IQ of 100, marking a notable shift in cognitive capabilities...[Read more](https://medium.com/predict/have-we-reached-peak-human-d6b1c2d9c58a)

REF - <https://medium.com/predict/have-we-reached-peak-human-d6b1c2d9c58a>



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## Student's Corner



Vasundhara!

This drawing contrasts humanity's impact on nature: industrial pollution on the left and lush, vibrant greenery on the right. The Earth, depicted as a face with a tear, symbolizes environmental harm and hope for preservation, urging balance and care.

*by Tanaya Kadam,  
FY - IT (H)*