



# HAKEEM NEWS LETTER

2023-2024 EVEN SEM NEWS LETTER

**C.ABDUL HAKEEM COLLEGE OF  
ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF INFORMATION  
TECHNOLOGY**

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**IV YEAR**

**Hello Everyone,**

**Welcome to the Hakeem Newsletter — now brighter, bolder, and more exciting than ever! This edition is all about fresh ideas, inspiring stories, and snapshots from our brand-new photo gallery that showcase the energy and spirit of our everyday life. Quick reads, real moments, and a dash of inspiration — all in one place. Dive in!**

### **Department Vision**

**To be a pioneer in educating advanced information technology to students.**



### **Department Mission**

1. To impart sound knowledge of IT domains to the students in the under graduate level.
2. To nurture students to fulfil the dynamic industrial needs.
3. To motivate students to pursue higher degrees

### **Program Educational Objectives :**

1. IT Graduates shall have basic and advanced knowledge in Information Technology along with the required supporting knowledge in mathematics, sciences, management and engineering fundamentals.
2. IT Graduates will succeed in getting engineering positions with software and hardware industries, to become entrepreneurship and will practice ethics and have a sense of social responsibility.
3. IT Graduates will succeed in the pursuit of advanced degrees in engineering and/or practice continued life-long independent learning.

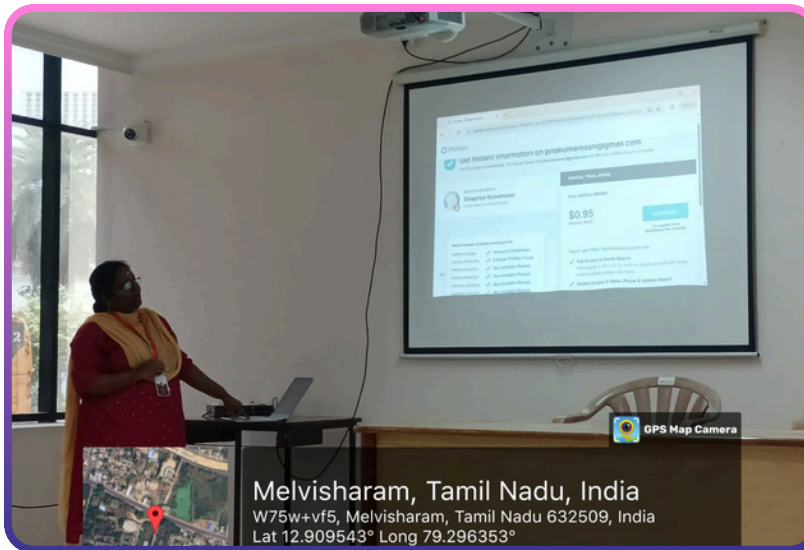
## WORKSHOP



### **Jumpstart to the Cloud: AWS Fundamentals Workshop**

The "Jumpstart to the Cloud: AWS Fundamentals Workshop," held on Wednesday, February 14, 2024, provided beginners with a practical introduction to Amazon Web Services (AWS), the world's leading cloud platform. The session covered the foundational concepts of cloud computing, detailed the core AWS services like Amazon EC2 (Compute), Amazon S3 (Storage), and Amazon VPC (Networking), and demonstrated how to navigate the AWS Management Console. Emphasizing the principles of scalability, cost-efficiency, and security, the workshop utilized hands-on labs to equip participants with the essential knowledge and practical skills necessary to begin building basic cloud solutions and pursue the AWS Certified Cloud Practitioner certification.

## SEMINAR



### Digital Harvest: IT in Agriculture

The seminar, "Digital Harvest: The Role of IT in Transforming the Agricultural Sector," held on April 2, 2024, focused on how Information Technology is driving Smart Farming. Key topics included the use of Precision Agriculture (via GPS and GIS) to optimize resource input, the deployment of IoT sensors and drones for real-time monitoring and automation, and the application of Data Analytics and AI to predict yields and detect crop issues. The consensus was that these digital tools are vital for boosting efficiency, ensuring food security, and building resilient farming practices for the future.

THANK YOU