

C. ABDUL HAKEEM COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT US:

VISION:

TO EMPOWER THE STUDENTS OF COMPUTER ENGINEERING TECHNOLOGICAL SCIENCE WITH AND LATEST SKILLS AND MOTIVATE THEM TO ACHIEVE EXCELLENCE IN COMPUTER SCIENCE AND ENGINEERING.

MISSION:

TO ENCOURAGE STUDENTS TO BECOME MOTIVATED, SELF-PROBLEM SOLVING INDIVIDUALS WHO CAN FIND AND UNDERSTAND THE KNOWLEDGE NEEDED TO BE COMPUTER ENGINEERS. SUCCESSFUL SCIENCE

TO PRODUCE QUALITY COMPUTER SCIENCE PROFESSIONALS BY IMPARTING QUALITY TRAINING, HANDS ON EXPERIENCE AND VALUE EDUCATION.

TO IMPART LATEST TECHNOLOGICAL SKILLS THROUGH INNOVATIVE TEACHING, RESEARCH, CREATIVE AND CONSULTANCY ACTIVITIES.

PEO:

COMPUTER SCIENCE AND ENGINEERING GRADUATES WILL BE ABLE TO

SUCCEED IN GETTING ENGINEERING POSITIONS WITH SOFTWARE AND HARDWARE INDUSTRIES IN PRIVATE OR GOVERNMENT SECTORS AT THE NATIONAL/INTERNATIONAL LEVEL.

PURSUE HIGHER DEGREES IN ENGINEERING BY PRACTICING LEARNING LIFE-LONG BECOME ENTREPRENEURS AND WILL PRACTICE ETHICS AND HAVE A SENSE OF SOCIAL RESPONSIBILITY.

NEWSLETTER VOLUME 3, ISSUE 1



JUNE 2025

**Dr. K. Abrar Ahmed ME,
Ph.D (HOD/CSE)**

Students Editors:

ASHFAQAHMED.M

CSE-A

MOHAMMED AYAZ. A

CSE-A

ABOUT US

**Address: Hakeem Nagar,
Melvisharam, Vellore.
Tamil Nadu -632509**

Phone: 04172 267 387

We're on the Web!

See us at

<http://www.cahcet.in>

JUNE 25



OUR GOALS THIS WEEK

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.



KNOW THE PRODIGY

A dynamic Final-year Computer Science and Engineering student from C Abdul Hakeem College of Engineering and Technology and a proud member of the Student Guidance Cell (SGC) has brought great honor to our institution by being selected for the prestigious MITACS Globalink Research Internship 2024. He will be undertaking a 12-week fully funded international internship at Thompson Rivers University in Canada, becoming the first student from our college and SGC to achieve this remarkable feat. This milestone highlights his exceptional academic performance, research potential, and commitment to excellence. Congratulations to him on this proud achievement!



OUR STRATEGY

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EXTRA-CURRICULAR ACTIVITIES:

1. Rekha M (III Year CSE) secured Second Place (SILVER) in the CM Trophy organized by C. Abdul Hakeem College of Engineering and Technology on 18/09/2024.

2. Vishanth M (III Year CSE) won Second Place (SILVER) in the CM Trophy organized by C. Abdul Hakeem College of Engineering and Technology on 16/09/2024.

3. Jayalakshmi K (II Year) and Durgalakshmi S (II Year) both secured Second Place in Volleyball, representing Anna University on 29/09/2024.

4. Syed Gaffar (III Year) secured Second Place in Football, organized by the Sports Development Authority of Tamil Nadu in September 2024.

5. Syed Zaid Ahmed, Rohan Emmanuel A, and Rithish Vijayakumar secured Third Place in Tennis at SKP Engineering College, Thiruvannamalai on 22/09/2024.

6. In the Football Tournament held at Arunai Engineering College from 27/09/2024 to 28/09/2024, the following students secured Third Place: Syed Gaffar S M, Vishanth M, Raghul K, Salman Khan K, Veshal JP, Yuvaraj J

7. Yuvaraj J secured Third Place in Athletics 400m and Pole Vault, held at SKP Engineering College, Thiruvannamalai on 26/10/2024.

STUDENTS WANGLE

CO-CURRICULAR ACTIVITIES:

1. ABDUL BARI N of 3 year CSE participated and won FIRST PRIZE in TECHNICAL QUIZ in National Level Technical Symposium TECHNO RENDEZVOUS '24 at CAHCET on 28/10/2024

2. S.DHANUSH of 3 year CSE participated and won FIRST PRIZE in TECHNICAL QUIZ in National Level Technical Symposium INFOGRAM at CAHCET on 16/10/2024

3. BHARATH M of 3rd year CSE participated and won FIRST PRIZE in TECHNICAL QUIZ in National Level Technical Symposium TECHNOVIAL24 at CAHCET on 20/10/2024

4. SWARNASRI.G.S of 3rd year CSE participated and won SECOND PRIZE in TECHNICAL QUIZ in National Level Technical Symposium INFOGRAM at CAHCET on 16/10/2024







C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY
Affiliated to Anna University | Approved by
AICTE | Listed in 2FI & 3201 Section of UGC



Address: Hakeem Nagar, Melvisharam, Ranipet District, Tamil Nadu, India - 632 509.

5TH INTERNATIONAL CONFERENCE
TECHNOLOGY & ADVANCEMENTS IN COMPUTING APPLICATION
(Organized by: Department of CSE, IT, AI&DS & MCA)
16 - 17th May 2025 (Hybrid Mode) www.ictaca.cahcet.in

ORGANIZER COMMITTEE

Honorary Patron
Dr. S. Ziauddin Ahmed,
Chairman

Chief Patron
Mr. V.Mohamed Rizwanullah,
Correspondent

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Dr. M. Sasikumar,
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Mr. B. Palanisamy, AP/ CSE
Mrs. C. Olga Rajee, AP/ AI&DS
Mrs. V.I. Sumaiya Banu, AP/ MCA

CONFERENCE TRACKS
Authors are invited to submit original, unpublished articles in the following areas and beyond

- Soft Computing (AI, Neural Networks, Fuzzy Systems, etc.)
- Big Data Analytics
- Cloud Computing and Application
- Embedded Systems & IoT
- Smart Networking

IMPORTANT DATES

- Last Date for Submission: **30 April 2025**
- Notification of Acceptance: **05 May 2025**
- Registration with Camera Ready Paper: **10 May 2025**

REGISTRATION FEE DETAILS

CATEGORY	PRICE
Students/ Research Scholars	(INR)₹. 1,500
Industry Delegates	(INR)₹. 2,000
Foreign Delegates	(USD)\$. 120

***Maximum 5 Authors Only**
All the presented papers, will be published in Conference Proceedings with ISBN Number

For Further Contact

CSE - 9790347866, IT - 9043293530,
AI&DS - 9952380056, MCA - 8870061804
Email: ictaca@cahcet.edu.in

To Register

Scan Here



EXTRA-CURRICULAR ACTIVITIES:

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NATIONAL LEVEL SYMPOSIUM (STUDENTS PARTICIPATION):

A total of 138 students actively participated in National Level Technical Symposiums conducted by various reputed institutions including [AMCET], [GLOBAL], and [GTECH]. These events provided students with opportunities to showcase their technical skills, engage in academic exchange, and gain exposure to competitive environments."

DEPARTMENT EVENTS (CONFERENCE)

The Departments of CSE, AIDS, MCA, and IT jointly organized the International Conference on Technology and Advancement in Computing Applications (ICTACA-25) on May 16-17.

Dr. A. Rajesh from Jain University graced the event as the Chief Guest and delivered the inaugural address. The conference provided a vibrant platform for researchers, academicians, and industry professionals to exchange knowledge.

A total of 145 research papers were presented across various technical sessions.

The event fostered innovation, collaboration, and future-focused discussions in Technology and computational technologies.





DEPARTMENT EVENT:

ABDULNASEER M, KASHEEM organized a National level technical symposium "ELOQUENCE 24" held on OCT 24.

2. ABDULNASEER M, was coordinator for 2nd day of Faculty Development Program on "Advanced Pedagogy in Education and Research" from 3/02/2025 to 9/02/2025.

3. ABDULNASEER M organized the Alumni Meet 2025 on April 12th at 10:30 AM in the Tower Seminar Hall.



SYMPOSIUM:

The 7th National Level Technical Symposium "ELOQUENCE-24" was a grand event organized under the banner of the Department of Computer Science and Engineering. The symposium saw an overwhelming participation of more than 500 students from various institutions. Mr. J. Hari, the Business and Tech Liaison of Claps Beverages, graced the occasion as the guest speaker and delivered an insightful keynote address that set an inspiring tone for the day. The event featured a vibrant mix of technical and non-technical activities. Technical segments included paper presentations, quizzes, workshops, and exhibitions where students showcased their skills, creativity, and technical expertise. Non-technical activities like treasure hunts and laser maze games added an element of fun and engagement. The symposium not only provided a platform for students to enhance their presentation and organizational abilities but also helped in building teamwork and gaining exposure to current industry trends. The best performers were recognized and awarded, encouraging all participants to strive for excellence.



COLLEGE LEVEL ACTIVITIES:

1. Dr. RZ Inamul Hussain has developed E-Counselling System for students and currently in testing phase.

2. Dr. RZ Inamul Hussain is guiding 5 projects to develop a Learners Management System (LMS) software for our college

3. Mrs S.Saranya organised Competitions for Thiruvalluvar day celebration (25th jubilee) and won prizes in state level held on March 13, 2024 at Anna university chennai

4. Mr. Abdulnaseer M was SPOC for Internal Hackathon Date: 9th September 2024 Time: 9:00 AM to 4:30 PM Venue: MBA Seminar Hall and ECE Seminar Hall C. Abdul Hakeem College of Engineering and Technology. The One Day Internal Hackathon for Smart India Hackathon 2024 was organized to foster innovation and identify creative solutions for real-world challenges. A total of 72 teams from various departments participated, showcasing their technical skills, problem-solving abilities.





MOOC COURSE COMPLETION:

233 students of CSE department have successfully completed various online certification courses through reputed platforms and organizations including IBM, Infosys, GUI, Udemy, Cognitive Classes and ACCENTURE.

PLACEMENT DETAILS (IV YEAR)

1. Seneha S and Yumnah Safiya A got placed in M/s. Technologics Global.
2. Mohanapriya M got placed in M/s. Infosys Pvt Ltd.
3. Keerthana P and Mohanapriya M got placed in M/s. Tech Mahindra.
4. Mohamed Affan K and Yumnah Safiya A got placed in M/s. Movate Technologies.
5. Amala Niranjali Basilicas R, Mohammad Ali Khan C, Kareem Wasique G, Mohamed Affan R, Mohammed Palazzo Shaik, Sanjay Ameen Ahmed, Vishaak R, and Yumnah Safiya A got placed in M/s. Qspiders.
6. Nahida Maryam C K got placed in M/s. LTI Mindtree

CONFERENCE:

1. Mrs.G.SUNDARI, published a Conference paper titled "Fracture AI Revolutionizing Bone Fracture Detection with Deep Learning CNNs for Precision Medical Imaging", 2025 International Conference on Automation and Computation (AUTOCOM), Dehradun, India, 2025.
2. Mrs.REVATHI.P, published a Conference paper titled "Secure Cryptography: Two Squares Theorem with Trigonometric Transformations for Enhanced Encryption by International Conference on Information and Communication Systems (ICICS- 2025) on 5th feb 25
3. Mrs.REVATHI.P, published a Conference paper titled "Educative Reinforcement K-Means Clustering by International Conference on Computing, Power, and Communication Technologies (IC2PCT)

JOURNAL PUBLICATION/BOOK CHAPTER:

1. Dr.K.Abrar Ahmed, Published Paper with a Title " A Machine Learning-Based Video Compression for Effective Video Encoding and Transmission" in Journal

of Machine and Computing 2025. [SCOPUS-INDEXED]. ISSN: 2788-7669, Vol.no (5) (2), Mar

2. Dr.K.Abrar Ahmed, Published Paper with a Title " Mathematical Modelling and Computational Tools for Efficient Water Resource Management: Optimizing Allocation and Sustainability" in Journal of Neonatal Surgery, ISSN: 2226-0439 Vol.no (14) (10), Feb 2025. [SCOPUS-INDEXED].

3. Dr.K.Abrar Ahmed, Published Paper with a Title " Efficient cryptanalysis of security through cryptography" in Journal of Discrete Mathematical Sciences and Cryptography, ISSN: 0972-0529 Vol.no(27) (07), Nov 2024. [SCI- INDEXED].

4. Mrs.REVATHI.P, published a paper titled "Synergistic Skin Cancer Classification: Vision Transformer alongside MobileNetV2" International Conference on Intelligent Technologies (CONIT) Karnataka, India. Jun 21-23, 2024

5. Mrs.REVATHI.P, published a Book Chapter titled "Snowfall Forecasting with Enhanced Accuracy: Leveraging Multi-Class SVM for Meteorological Predictions" by Springer AG 2024

AWARD FROM EXTERNAL SOURCES:

1. Dr.K.Abrar Ahmed, HOD/CSE, Received Award of Appreciation from Tamil Nadu Skill Development Corporation (TNSDC) for their continued and relentless support in the Successful Implementation of Naan Mudhalvan Program in AY 2023-2024.

2. Mr. Abdalnaseer M applied the project proposal of 4.5 LAKHS invited by the TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY under the SCIENCE AND TECHNOLOGY PROJECT SCHEME (2024-2025) in the title

Sustainable Agricultural Practices for Enhancing Crop Yield in Tamil Nadu under the Sector: Agricultural Sciences (AS).



FACULTY DEVELOPMENT PROGRAMS



ATAL FDP:

1. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Enhancing Network Performance with AI and Machine Learning- Through Use case approach at IILM University, Gurugram from 06/01/2025 to 11/01/2025.

2. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Emergence of Cloud <https://forms.gle/wQCKPYiAgHw17fw98> Computing, Cloud Technologies and Recent Trends at TECHNO INTERNATIONAL NEW TOWN from 13/01/2025 to 18/01/2025.

3. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AWS CLOUD COMPUTING TOOLS AND SERVICES at ADITYA COLLEGE OF ENGINEERING from 19/01/2025 to 24/01/2025

4. Mrs. REVATHI. P has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Enhancing Network Performance with AI and Machine Learning- Through Use case approach at IILM University, Gurugram from 06/01/2025 to 11/01/2025.

5. Mrs. REVATHI. P has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on AICTE Training And Learning (ATAL) Academy Faculty Development Program on The future of Quantum computing and High-performance computing (HPC) at P.S.V. COLLEGE OF ENGINEERING AND TECHNOLOGY from 23/12/2024 to 28/12/2024.

6. 5. ABDULNASEER M, has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI and ML: Pioneering Solutions for Next-Gen Networks Tackling 5G and 6G Challenges at AL-AMEEN ENGINEERING COLLEGE from 16/12/2024 to 21/12/2024.

7. Mrs. A. KALAISELVI has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on "The future of Quantum computing and High-performance computing (HPC)" at P.S.V. COLLEGE OF ENGINEERING AND TECHNOLOGY from 23/12/2024 to 28/12/2024

8. ABDULNASEER M has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI in Precision Agriculture and Smart Healthcare for Society 5.0 at MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY WEST BENGAL from 03/02/2025 to 08/02/2025.

9. Mr. ABDULNASEER M, Assistant Professor has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on SMART COMMUNICATION IN IOT: SECURITY & FUTURE APPLICATIONS AND POSSIBILITIES at ST. JOSEPH COLLEGE OF ENGINEERING from 24/02/2025 to 01/03/2025.

10. Dr. K. Abrar Ahmed, HOD/CSE has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on "AI Solution for water Management in smart cities" at Madanapallae Institute of Technology and Science from 02/12/2024 to 17/12/2024.

11. Dr. K. Abrar Ahmed, HOD/CSE has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on "AI Solution for water Management in smart cities" at Rajalakshmi Engineering College from 27/01/2025 to 01/02/2025.

12. Dr. INAMUL HUSSAIN R Z, has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on A Research Centric Approach for Developing Innovative Applications using AI Tools and Technologies at NRI INSTITUTE OF TECHNOLOGY from 20/01/2025 to 25/01/2025

13. Dr. INAMUL HUSSAIN R Z, has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Empowering Educators: Advancements in Artificial Intelligence and Its Applications in Computer Science at SRI MITTAPALLI COLLEGE OF ENGINEERING from 10/02/2025 to 15/02/2025.

14. Mrs. G. SUNDARI has successfully participated & completed the AICTE training And Learning (ATAL) Academy Faculty Development Program on "The Future of Quantum Computing and High-Performance Computing (HPC)" at P.S.V College of Engineering and Technology from 23/12/2024 to 28/12/2024.

15. Mrs. G. SUNDARI has successfully participated & completed the AICTE training And Learning (ATAL) Academy Faculty Development Program on "AI DRIVEN FULL STACKS INNOVATION: FROM MICROSERVICES TO INTELLIGENT AUTOMATION AND CLOUD SCALABILITY" at SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY from 20/01/2025 to 25/01/2025.

16. B. Palanisamy has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI in Precision Agriculture and Smart Healthcare for Society 5.0 at MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY WEST BENGAL from 03/02/2025 to 08/02/2025.

17. Mrs. V. Indulakshmi has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on The future of Quantum computing and High-performance computing (HPC) at P.S.V. COLLEGE OF ENGINEERING AND TECHNOLOGY from 23/12/2024 to 28/12/2024.

18. Mrs. V. Indulakshmi has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Next-Generation Algorithms and Technological Advances at MIT CAMPUS, ANNA UNIVERSITY from 06/01/2025 to 11/01/2025.

19. Mrs. V. Indulakshmi has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Emergence of Cloud Computing, Cloud Technologies and Recent Trends at TECHNO INTERNATIONAL NEW TOWN from 13/01/2025 to 18/01/2025

20. Mrs. VANMATHIR has successfully completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Exploring Emerging Technologies in "Next-Gen Communication Networks" at R.L. JALAPPA INSTITUTE OF TECHNOLOGY from 25/11/2024 to 30/11/2024.

21. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Exploring Emerging Technologies in Next-Gen Communication Networks at R.L. JALAPPA INSTITUTE OF TECHNOLOGY from 25/11/2024 to 30/11/2024.

22. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Empowerment of Robotic, AI&ML and Additive Manufacturing in Industry 4.0 at NALANDA INSTITUTE OF TECHNOLOGY from 02/12/2024 to 07/12/2024.

23. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI and Quantum Computing: The Future of Intelligent System at BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY from 09/12/2024 to 14/12/2024.

24. Mrs. S. SARANYA has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Faculty

Development Program on Quantum Computing at DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE from 16/12/2024 to 21/12/2024.



MOOC COURSES (COURSERA/INFOSYS/IBM):

1. Mrs. S. SARANYA has successfully completed the course of Get started with Jira an online non-credit project authorized by Coursera Project Network and offered through Coursera on 24-01-2025
2. Mrs. S. SARANYA has successfully participated & completed the course of Programming Fundamentals: Algorithms, Sorting, & Searching on 06-01-2025 organized by Infosys SpringBoard.
3. Mrs. G. SUNDARI has successfully participated & completed the course of Python for Data Science on 25-12-2024 organized by Infosys SpringBoard.
4. Mrs. G. SUNDARI has successfully participated & completed the course of Automating Content generation with Prompt engineering for ChatGPT (GPT-4) on 15-12-2024 organized by Infosys SpringBoard.
5. Mrs. S. SARANYA has successfully completed the course of Quantum-Safe Encryption Essentials issued by IBM on 24-01-2025
6. Mrs. REVATHI. P has successfully completed the course of An Introduction to Generative AI on Jan 18, 2025 organized by Infosys springboard
7. Mrs. A. KALAISELVI has successfully completed the course of "Introduction to Cloud" issued by Cognitive Class (provided by IBM) on June 21, 2024
8. Mrs. A. KALAISELVI has successfully completed the course of "SQL and Relational Databases 101" issued by Cognitive Class (provided by IBM) on April 19, 2025
9. Mr. Abdalnaseer M has successfully completed the course of "Cryptocurrency & Cryptography" on Jan 31, 2025 organized by Infosys springboard.
10. Dr. K. Abrar Ahmed has successfully completed the course of "An Introduction to Generative AI" on Dec 01, 2024 organized by Infosys springboard.
11. Mrs. REVATHI. P has successfully completed the course of IT Integration with AI on Dec 17, 2024 organized by Infosys springboard
12. Mrs. REVATHI. P has successfully completed the course of An Introduction to Generative AI on Jan 18, 2025 organized by Infosys springboard
13. Mrs. V. Indulakshmi has successfully completed the course of Explore Machine Learning using Python on Jan 03, 2025 organized by Infosys springboard
14. Mrs. V. Indulakshmi has successfully completed the course of Introduction to Data Science on Jan 03, 2025 organized by Infosys springboard
15. Mrs. V. Indulakshmi has successfully completed the course of Introduction to Robotic Process Automation on Dec 20, 2024 organized by Infosys springboard 16. Mrs. V. Indulakshmi has successfully completed the course of Introduction to Natural Language Processing on Dec 18, 2024 organized by Infosys springboard
17. Mrs. V. Indulakshmi has successfully completed the course of Introduction to Deep Learning on Dec 19, 2024 organized by Infosys springboard
18. Mrs. V. Indulakshmi has successfully completed the course of Computer Vision 101 on Dec 24, 2024 organized by Infosys springboard.
19. Mrs. VANMATHI. R, has successfully participated & completed Faculty Empowerment Program on "Advanced Pedagogy in Education and Research" from 3/02/2025 to 9/02/2025.
20. Mrs. VANMATHI. R has successfully completed the course of "Continuous integration and Delivery devops" on Nov 28, 2024 organized by Infosys springboard.
21. Mrs. VANMATHI. R has successfully completed the course of "Introduction to Robotic Process Automation" on Dec 20, 2024 organized by Infosys springboard.
22. Mrs. VANMATHI. R has successfully completed the course of "Introduction to Natural Language Processing" on Dec 18, 2024 organized by Infosys springboard.
23. Mrs. VANMATHI. R has successfully completed the course of "Introduction to Deep Learning" on Dec 19, 2024 organized by Infosys springboard.
24. Mrs. VANMATHI. R has successfully completed the course of "Computer Vision 101" on Dec 24, 2024 organized by Infosys springboard.
25. Mrs. S. SARANYA has successfully participated & completed the course of Programming in Artificial Intelligence on 10-11-2024 organized by Infosys SpringBoard.
26. Mrs. S. SARANYA has successfully participated & completed the course of Introduction to OpenAI GPT4 on 10-11-2024 organized by Infosys SpringBoard.
27. Mrs. S. SARANYA has successfully participated & completed the course of Introduction to Artificial Intelligence and Machine Learning on 29-11-2024 organized by Infosys SpringBoard.
28. Mrs. S. SARANYA has successfully participated & completed the course of Introduction to Artificial Intelligence on 30-11-2024 organized by Infosys SpringBoard.
29. Mrs. S. SARANYA has successfully participated & completed the course of Raspberry Pi Course on 30-11-2024 organized by Infosys SpringBoard.
30. Mrs. S. SARANYA has successfully completed the course of Business Analysis & Process Management an online non-credit project authorized by Coursera Project Network and offered through Coursera on 20-11-2024
31. Mrs. S. SARANYA has successfully completed the course of Create a Project Charter with Google Docs an online non-credit project authorized by Coursera Project Network and offered through Coursera on 21-11-2024.
32. Mrs. S. SARANYA has successfully completed the course of Create Social Media Ad Campaign using Canva an online non-credit project authorized by Coursera Project Network and offered through Coursera on 03-12-2024
33. Mrs. S. SARANYA has successfully completed the course of Data Analysis Using Python issued by IBM on 29-11-2024
34. Mrs. S. SARANYA has successfully completed the course of Quantum-Safe Encryption Essentials issued by IBM on 24-01-2025
35. Mrs. REVATHI. P has successfully completed the course of IT Integration with AI on Dec 17, 2024 organized by Infosys springboard.
36. Mr. Abdalnaseer M has successfully completed the course of "Raspberry Pi based Weather Monitoring System" on Nov 21, 2024 organized by Infosys springboard.

FACULTY'S NEW IDEAS:

1. LAKEHOUSE ARCHITECTURE

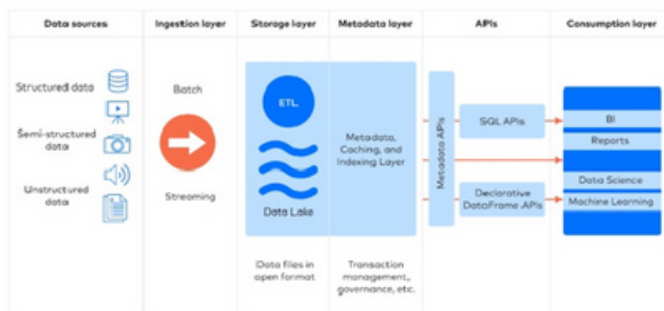
A new data storage architecture that combines Data Lakes + Data warehouses.

Popular Tech: Delta Lake, Apache Iceberg, Databricks.

Why it's new: Real-time analytics + AI directly on raw data.

Lakehouse Architecture is a modern data management system that merges the scalability and flexibility of data lakes with the performance and reliability of data warehouses. It supports both structured and unstructured data in open formats like Parquet, allowing organizations to run SQL queries, perform advanced analytics, and apply machine learning directly on raw data. Technologies such as Delta Lake, Apache Iceberg, and Apache Hudi provide essential features like ACID transactions, data versioning, and schema enforcement. One of the key advantages of the lakehouse model is its ability to handle real-time data ingestion and processing, enabling faster decision-making and live insights through dashboards or predictive models. By eliminating the need to move data across separate platforms, it reduces latency, lowers infrastructure costs, and simplifies architecture. This unified approach is especially impactful in industries like healthcare, finance, and IoT, where real-time, data-driven actions are critical.

Data lakehouse architecture

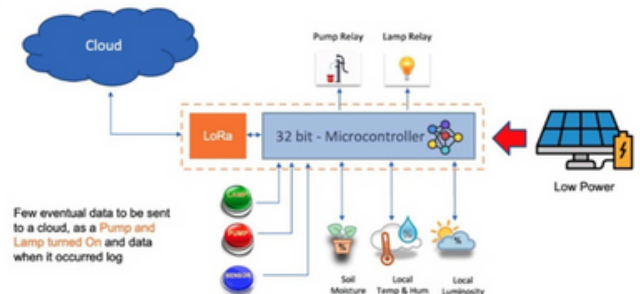


By,
Dr.K.ABRAR AHMED,
HOD/CSE.

2. EDGE AI (OR EDGE ML):

The concept derives from Edge Computing, which starts from the same premise: data is stored, processed, and managed directly at the Internet of Things (IoT) endpoints.

(Tiny Machine Learning) is a subset of Edge AI that focuses on running machine learning models on ultra-low-power microcontrollers and small hardware devices. These models are optimized to use minimal memory, compute power, and energy, making them suitable for battery-operated or always-on applications. TinyML enables smart functionality in devices like fitness trackers, environmental sensors, hearing aids, and smart home devices. With tools like TensorFlow Lite for Microcontrollers and Edge Impulse, developers can deploy lightweight ML models that perform tasks like speech recognition, motion detection, and predictive maintenance efficiently on tiny devices. Together, Edge AI and TinyML are revolutionizing how AI is used in real-world, embedded environments.



Mr.M.ABDUL NASEER,
AP/CSE.

PARENTS TEACHERS MEETING:

C Abdul Hakeem College of Engineering and Technology
Department of Computer Science and Engineering



PARENT TEACHER MEETING

April 27 @ 9 am to 12.40 pm
Venue: Department Classes

Agenda

- CAT-1 Performance – Discussion on students' performance in Continuous Assessment Test-1.
- University Results – Analysis and feedback on university exam results.
- Class Tests & Internal Assessments – Review of students' academic progress.
- Attendance – Addressing attendance-related concerns and strategies for improvement.
- Discipline – Reinforcing discipline guidelines for students.
- Late Comers – Discussion on punctuality and necessary actions.
- Placements & Training – Updates on placement drives and training programs.
- Parental Concerns – Addressing queries and feedback from parents.

