

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



Hakeem nagar, melvisharam, vellore district, tamilnadu-632509

**Department of information technology**

**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 in technology and practice ethics with a social responsibility

**Institution Vision:**

To be pioneer in educating advanced information technology to students

**Institution mission:**

1. To nature world class intellectual growth of our students by imparting high quality ,futuristic technical education in a cost effective manner.
2. To inculcate love for integrity and moral values among students to enable them to contribute to the development of humanity through application and dissemination of technical knowledge

**Program Educational Objectives**

- IT Graduates shall have basic and advanced knowledge in Information Technology along with the required supporting knowledge in mathematics, sciences, management and engineering fundamentals.
- 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.
- IT Graduates will succeed in the pursuit of advanced degrees in engineering and/or practice continued life-long independent learning.

**Program Specific Outcomes**

Information Technology graduates will be able to:

- Apply current technical concepts and practices in the Information Management which uses the concepts of Databases, Data mining, information coding and effectively integrate IT-based solutions into the user environment.
- Identify and Analyze computing system that efficiently utilizes system software and hardware to cover user needs in a socially and economically acceptable form.

**EDITORS TEAM**  
**MRS.BANU R**  
**STUDENTS EDITOR**  
**NAVEEN RAJ K**  
**II YEAR**

## Program Specific Outcomes

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## EVENTS

### E-NATIONAL CONFERENCE ON EMERGING TRENDS IN INFORMATION TECHNOLOGY (27-3-2021)

**E-National Conference On Emerging Trends In Information Technology**  
27<sup>th</sup> March 2021

**Registration Form**  
(PLEASE FILL THE FORM IN CAPITAL LETTERS)

ONLINE REG : <http://bit.ly/2Pbs2M7>

Name: .....  
Designation: .....  
Institution-Address for Communication: .....

Pincode: .....  
Email Id: .....  
Title of the Paper: .....

Drawn a - Accommodation Required: (Y/N)  
(Accommodation will be provided in the Institution)

Date: .....  
Place: .....

Signature of the Participant  
Signature (Head of the Institution/Dept.)  
With Seal

CONFERENCE LINK WILL BE FORWARDED TO YOUR REGISTERED E-MAIL ID

**C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY**  
HAKEEM NAGAR, MELVISHARAM, VELLORE DISTRICT, TAMIL NADU - 632509  
(Affiliated to ANNA UNIVERSITY, Chennai)

**Participants:**  
Academicians from Engineering Colleges, Universities, Research Scholars, UG & PG Students and industrialists in field of Information technology and Computer Science Engineering are solicited to send their participants.

**Call for Papers:**  
The abstract and one copy of full paper (after Provisional acceptance of the abstract) in format mentioned below should be sent by email to [informatontechnology2k21@gmail.com](mailto:informatontechnology2k21@gmail.com)

Abstract (Not exceeding 500 words)	Full paper (not exceeding 10k words)
Paper format: MS WORD	
Paper size: A4 ASME Format	
Font type and Size: Times New Roman 8,12	

**REGISTRATION FEE DETAILS**

UG PG Students	Rs. 1500
Specialty / Research Scholars / Participants From Industries	

**SCAN QR TO REGISTER**

**IMPORTANT DATES**  
Submission of Abstract: 22 March, 2021  
Intimation of Acceptance (Abstract): 24 March, 2021  
Last Date for Submission of Full paper : 26 March, 2021

**ABOUT THE COLLEGE**

A well-established and well-organized College of Engineering is the desired destination of vast majority of students. One such role model of a college is located at a distance of 500 kms from Anna International Airport, Chennai and 4 kms from Arcot, the capital of Nawabs who ruled one-fourth of South India. Right from the year of its inception, the college is consistently producing scores of first class graduates, scores of graduates with high distinction and graduates with University Rank or other academic credentials.

**ABOUT THE DEPARTMENT**

The Information Technology (IT) Department offers B.Tech. programme in Information Technology. Department provides a learning environment that helps students to be successful in their professional lives as well as becoming lifelong learners. The graduates of the department have been placed in prestigious national and international organizations. Many of graduates choose to join further studies from premier institutes in India and abroad. The department is actively involved in various research domains like High Performance Computing, Software Engineering, Networking, Information and Network Security with structured integration of research and academic activities.

**CONFERENCE TOPICS :**

Potential topics to be addressed in this conference include, but are not limited to, the following:

- Cloud Computing
- Adding Intelligence to internet
- Data Privacy
- Artificial Intelligence
- Finger Tracking in Real Time Human Computer Interaction
- An Identity Based Eco-System
- Fiber Distributed Data Interface
- Free Space Laser Communications
- Cellular Through Remote Control Switch
- Bio-inspired Networking
- Biometrics in SECURE e-transaction
- Brain Gate

**OBJECTIVE OF THE CONFERENCE:**

Today's technological approaches provide a platform for the new developments to compete globally. The primary objective of this conference is to bring together experts from various academic institutions, industries, research organizations and professional engineers for sharing of knowledge, expertise and experience in the emerging trends related to INFORMATION TECHNOLOGY.

**PATRONS**

S Ziauddin Ahmed, B.A. Chairman  
V.M Abdul Latheef, B.E., F.I.E., Correspondent  
Dr. J. BASKARAN, Ph.D., Principal

**ORGANIZING COMMITTEE**

Dr. S. Umamaheswari, M.Tech., Ph.D., Professor & Head  
Mr. K. Mohamed Abdul Kader, M.E., Associate Professor  
Mr. T. S. Karthick, M.E., Associate Professor  
Mr. M. Mohamed Rafee, M.E., Assistant Professor

**ADVISORY COMMITTEE**

Dr. E. Sujatha Ph.D., M.Tech, M.B.A, B.E. Saveetha University  
Dr. S. MOHAN, B.E., M.E., Ph.D., Annamalai University  
Dr. A. Manimaran Ph.D., Madanapalle Institute of Technology

Mr. M Mohamed Rafee Organised Two Days Workshop On Python Programming 27-1-21 To 28-1-21.

Mr. M Mohamed Rafee Organised One Day Webinar On Web Development Program On 31-3-21.

Mr.T.S.Karthick Organised National Conference On Emerging Trends On 27-3-21.

Mr.T.S.Karthick Organised One Day Webinar On Machine Learning & Its Applications On 30-4-21.

## Faculty achievement

**Dr.S.Umamaheswari** has given an **invited talk** on “Usecase & object modeling using Argo UML” on 23/4/21 in GTEC college,vellore.

**Dr.S.Umamaheswari** has **presented a paper** on “Data warehousing and data mining” in Sri Krishna HiTech publishing company private limited in 2021.

**Dr.S.Umamaheswari** has **published a book** titled “Data warehousing and data mining” in Sri Krishna HiTech publishing company private limited in 2021.

**Dr.S.Umamaheswari** has been the **question paper setter** for web technology in sitams college ,chittoor.

Dr.S.Umamaheswari has attended 15 webinars and 6 FDPs in academic year 2020-2021.

**Mr. M MOHAMED RAFEE** has attended **5 days FDP on RESEARCH INNOVATION IN COMPUTER VISION(10-5-21 TO 14-5-21)** in **KINGS ENGINEERING COLLEGE**.

**Mr. M MOHAMED RAFEE** has attended **2 days FDP on RESEARCH ETHICS(29-3-21 TO 30-3-21)** in **VIVEKANANDA COLLEGE**

**Mr. M MOHAMED RAFEE** has attended **1 days FDP on E-RESOURCES IN TEACHING,LEARNING AND RESEARCH(12-2-21)** in **BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT**.

**Mr. T S KARTHICK** **FDP has attended 14 days FDP on DATA ANALYTICS,ARTIFICIAL,BUSSINESSINTELLIGENCE FOR ENGINEERING AND SCIENCE APPLICATION-PHASE II(22-4 TO 6-5-2021)**

Naveenraj k of (II year) B.Tech had participated **3 DAYS WEBINNAR in Google cloud community Days India** Organised by GDG cloud communities in india on January 22-23,2021.

Sneha B.R and Arun S of (III-year) B.tech has successfully completed the **course of “Bulid a face Recognition using Python** “as part of AL-FOR –INDIA EVENT organized by GUVI tech on april 24 2021.

Naveen raj K (III-Year)B.TECHhas successfully completed **online internship program** on create and deploy a static website on GITHUB organized by rahul arulkumaran co-founder of WIDHYA Organization on 4-1-2021 to 4-2-2021 .

## Interesting facts

### DnaNudge



wearable type of wristband tells you what you should and shouldn't eat based on a DNA



### Motion Pillow

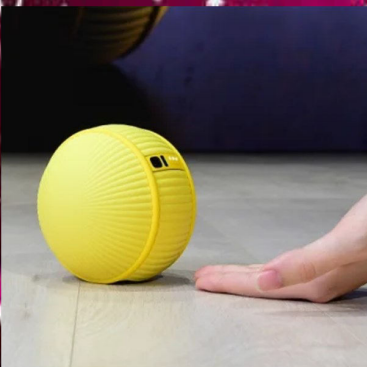
The Motion Pillow is a consumer good that helps reduce snoring. "A box on your nightstand records audio as you sleep then sends it to your phone for analysis. When the app detects snoring, the pillow inflates in various positions, gently juggling your head around until you quiet down," describes Fast Company.

### Machine Learning Cyber-Protection



Identifying security issues in industrial control systems and Industrial Internet of Things technology is increasingly important. Communications abnormalities can indicate hardware problems, anomalies, security and configuration issues and even cyberattacks.

### Ball-shaped gadget



## **Students achievement**

Samsung's Ballie is an interesting combination between smart home device and robotic companion. The ball-shaped gadget, equipped with cameras and sensors used to follow you around, can control various smart home features, take

### Microsoft's flagship two-screen phone

Microsoft's flagship two-screen phone is the product of two long-term projects. On the software side, it's the pinnacle of Microsoft's long undertaking to abandon making its own mobile operating system and instead integrate its suite of various services — Word, Outlook, OneNote — seamlessly into Google's Android.

