

Department of CSE









CS Mail

News Letter

Volume 14: Issue II: Aug, 2025



News Headlines

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Dear Readers,

It is with great pleasure that we bring you Volume 14, Issue II of our department newsletter “CS MAIL”. The current newsletter highlights the activities of the department, achievements of faculty and students during the past six months. It also features workshop organized and attended, paper publication details and other social activity undertaken from CS Department. Your valuable comments and suggestions are appreciated.

We wish all the readers an enjoyable reading.

VISION OF THE DEPARTMENT

- ✚ To develop highly talented individuals in Computer Science and Engineering to deal with real world challenges in industry, education, research and society.

MISSION OF THE DEPARTMENT

- ✚ To inculcate professional behavior, Strong ethical values, innovative research capabilities and leadership abilities in the young minds & to provide a teaching environment that emphasizes depth, originality and critical thinking.
- ✚ Motivate students to put their thoughts and ideas adoptable by industry or to pursue higher studies leading to research.

PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

- ✚ Empower students with a strong basis in the mathematical, scientific and engineering fundamentals to solve computational problems and to prepare them for employment, higher learning and R&D.
- ✚ Exposure to emerging technologies and work in teams on interdisciplinary projects with effective communication skills and leadership qualities.

- ✚ Gain technical knowledge, skills and awareness of current technologies of computer science engineering and to develop an ability to design and provide novel engineering solutions for software/hardware problems through entrepreneurial skills.
- ✚ Ability to function ethically and responsibly in a rapidly changing environment by applying innovative ideas in the latest technology, to become effective professionals in Computer Science to bear a life-long career in related areas.

PROGRAM SPECIFIC OUTCOMES (PSO'S)

- ✚ Ability to apply skills in the field of algorithms, database design, web design, cloud computing and data analytics.
- ✚ Apply knowledge in the field of computer networks for building network and internet based applications.



Message From Principal

ATMECE has emerged as a prominent institute offering quality education. All round continuous changes in infrastructure and academics standard have helped us to build a brand name. It gives me immense pleasure to introduce the Volume 14, Issue II of the half yearly newsletter “CS MAIL” of Computer Science Department. I am pleased to know that the newsletter will showcase the activities and credentials of CS&E department. I hope this will become a platform for students and staff to exhibit their talents in science and technology. On behalf of management, I appreciate the newsletter committee for their efforts in bringing out this edition.

I wish the editorial all success!!!



Regards,

Dr L Basavaraj,
Principal, ATMECE



Dr. Putte Gowda D
Professor & Head

Message From Chief Editor

Dr. Puttegowda D HoD, CS&E Department of Computer Science & Engineering commits to work towards developing dedicated professional with a rich blend of competent, technical, managerial and social skills to contribute nation building. I am happy to inform that our department newsletter “CS MAIL-volume 14 Issue II” is being released in the month of Aug 2025. The newsletter encourage departments technical activities and also motivate students to bring out their innovative ideas , hidden talents and also provide a common platform to share their knowledge, in turn gain technical knowledge.

I wish all the readers an enjoyable reading!!!

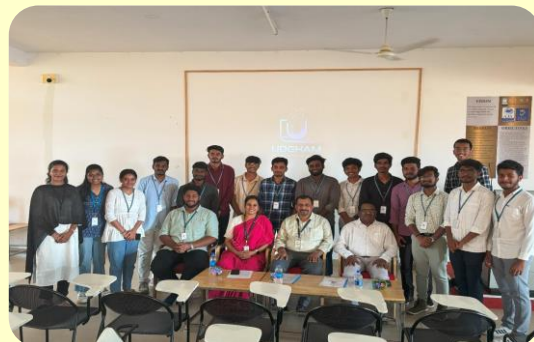
EDITORIAL TEAM

Chairman**Dr L Basavaraj Prinicpal,**
ATMECE**Chief Editor****Dr Puttegowda D.,**
HOD, CS&E**Editor****Mrs.Ashwini P.,**
Assistant Professor, CS&E**Student Coordinators****Ms.Suhana S**
Ms. Umme Kulsum

Department Activities

Department CLUB- Logo Launch

The Department of Computer Science and Engineering at ATME College of Engineering proudly inaugurated its official student club, UDGHAM, under the theme “Raising Bytes of Wisdom”. Held on 16th April 2025, the logo launch event marked the beginning of a student-driven platform for technical, creative, and collaborative growth. The UDGHAM Logo Launch Event was a proud and promising moment for the Department of Computer Science and Engineering. With support from faculty and the energy of enthusiastic students, the club is now geared up to host various workshops, talks, competitions, and learning events that align with its mission of Raising Bytes of Wisdom.



Industrial Visit

The Department of Computer Science and Engineering organized an enriching Industrial Visit to System Consultant Information India (P) Ltd, a Japanese-based IT company located in Tumkur, on 24th April 2025. This visit aimed to bridge the gap between theoretical knowledge and real-world industry practices. A total of 50 members, including two faculty members – Mrs. Keerthana M M and Dr. Shilpa B L, took part in the visit. Members of the UDGHAM Club volunteered and supported the successful coordination of the event. The industrial visit was a grand success, both educational and enjoyable. Students gained valuable exposure to the corporate environment, enhanced their technical understanding, and created memories filled with learning and fun. UDGHAM Club members played a vital role in organizing and managing the visit, ensuring its smooth execution.



Unlock the unknown

The Department of Computer Science and Engineering, under the innovative club UDGHAM - Raising Bytes of Wisdom, has organized the event "UNLOCK THE UNKNOWN " on 8th May 2025 . The event focused on skills-oriented aptitude, mind analysis and brain tricking. Students of 4th and 6th semester actively participated. Dept HOD, Dr. Puttegowda D and Club Mentor Mrs.Keerthana M M, sincerely appreciated the student coordinators and volunteers for their remarkable efforts in planning and executing the event with dedication, enthusiasm, and professionalism. Their proactive involvement, creativity, and teamwork played a pivotal role in ensuring the success of the program.



Placements

SN	NAME	COMPANY
1	S N VARSHITH	ROBOYO
2	TEJAS S	ROBOYO
3	RAKSHITHA KUMAR M K	ROBOYO
4	PRARTHANA UTHAPPA	ROBOYO
5	SUCHITHRA R	SUDANAND BUSINESS SOLUTIONS
6	MOHAMMED AFWAN	ROBOYO
7	M K DECHAMMA	KASMO DIGITAL PVT LTD
8	PUNITH GOWDA SL	KASMO DIGITAL PVT LTD
9	NITHIN C	EVOBI AUTOMATION PVT LTD
10	VIGNASHWARAN	AKAMAI TECHNOLOGIES M
11	VARUN ARADHYA R	TECH MAHINDRA

Congratulations to All !!!!

Faculties Publications

Sl. No.	Authors Name (As In The Journal)	Title Of The Paper	Journal Name	Volume No / Issue No/ Pg. No	Date Of Publication	ISSN/ISBN
1	Dr. Puttegowda D	CerebroScan: Brain Tumor and Alzheimer Detection	IJIRT	Volume 11 Issue 9	February 2025	ISSN: 2349-6002
2	DR. J V Gorabal	Real Time Facial Emotion Detection	IJIRT	Volume 11 Issue 12	May 2025	ISSN: 2349-6002
		Image Forensics		Volume 11 Issue 9	February 2025	
3	Mr. Raghuram A S	Detection Of Anomalies In Text Messaging Using Machine Learning Techniques	IJCRT	Volume 13 Issue 2 February 2025	05-February-2025	ISSN:2320-2882

		A Machine Learning Technique For Identifying Fake News And Disinformation Campaign				
4	Mr.Kalathma M K	Ai Based License Plate Detection Ai-Based Automatic Text Recognition And Textto-Sound Conversion	IJCRT	Volume 13 Issue 2 February 2025	05-February-2025	ISSN:2320-2882
5	Kavyashree E D	“Skin Disease Detection Using Cnn” Classify Song Genres From Audio Data	IJIRCCE	Volume 13, Issue 5, May 2025 Volume 13, Issue 3, March 2025	May 2025 March 2025	E-ISSN:2320-9801
6	Ashwini P	Iot Based Prediction Of Land Degradation Smart Voting System Using Machine Learning	IJCRT	Volume 13 Issue 3 March 2025 Volume 13 Issue 2 February 2025	04 March-2025 February 2025	ISSN:2320-2882
7	Dr. Shilpa B L	Predicting The Suitable Organic Fertilizer For Crop Based On Soil And Environmental Factors Using Various Feature Selection Techniques With Cassifiers Pridicting The Organic Fertilizer For Crop Based On Soil And Environmental Factors Using Various Feature Selection Techniques With Classifiers	IJCRT	Volume 13 Issue 3 March 2025 Volume 13 Issue 3 March 2025	04 March-2025 25 March-2025	ISSN:2320-2882 ISSN:2320-2882
8	Mr.Sandesh R	Food Supply Chain Management Using Blockchain Detecting Ddos Attacks Through Ai Driven Sdn Intrusion Detection System	IJARCCE IJCRT	Volume 14, Issue 5, May 2025 Volume 13 Issue 2 February 2025	May 2025 03-February-2025	ISSN (Online) 2278–1021 ISSN:2320-2882
9.	Mrs. Shri Lakshmi Prasad	Ayurhealth Drug Recommendation System	IJCRT	Volume 13 Issue 2 February 2025	03-February-2025	ISSN:2320-2882

10	Mrs. Keerthana M M	Implementation Of College Online Voting System	IJCRT	Volume 13, Issue 1 January 2025	January 2025	ISSN:2320-2882
		College Placement System Using Python		Volume 13 Issue 2 February 2025	05-February-2025	ISSN:2320-2882
11	Roopa B	Iot Based Smart Security System For Crime Detection	IJCRT	Volume 13, Issue 6 June 2025	June 2025	ISSN:2320-2882
12	Sushma V	Named Entity Recognition In Social Media Using Machine Learning	IJIRCCE	Volume 13, Issue 3, March 2025	March 2025	E-ISSN:2320-9801
		Sentiment Analysis In Social Media Using Roberta				

Toppers List

Sl. No	USN	Name of the Student	SGPA
1	4AD23CS030	DHANUSH H	9.67
2	4ad23cs107	SUHANA S	9.48
3	4ad23cs080	PREETHI K	9.33
4	4ad23cs097	SANJANA B U	9.33

3rd Semester

5th Semester

Sl. No	USN	Name of the Student	SGPA
1	4AD22CS120	UMME KULSUM	9.45
2	4AD22CS041	KALPANA LAHARI B	9.27
3	4AD22CS108	SOPHIYA A S	9.27
4	4AD22CS086	RAJENDRA A	9.23

Sl. No	USN	Name of the Student	SGPA
1	4ad21cs074	RACHANA N A	9.50
2	4ad21cs075	RAGHAVENDRA K	9.42
3	4ad21cs093	SOWNDARYA H B	9.33

7th Semester

“Dream is not that which you see while sleeping it is something that does not let you sleep.”
— A.P.J. Abdul Kalam

Students Achievements

Congratulations!!

Mr.Shivashankar B Naik 6th semester and Ananth Kumar V 8th semester students, to represent VTU softball Men in All India Inter University Championship held at Vikaram simhapuri University Nellor(AP) from 3rd to 7th May-2025.

Congratulations!!

Mr.Bhuvan S and Adithya K.L., 8th semester students, to represent VTU Baseball Men Team in All India Inter University Softball Championship held at Punjab University, Chandigarh from 12th to 16th May-2025.



Congratulations!!

Ms. Harshith , 8th semester student for getting 3rd prize in 5K Marathon. Marathon was organized as a part of ATMEYA 2K25 “Ability Beyond Disability” on 17th May,2025. Chief Guest was Prof.C.Ventakesh, Director, Physical Education,University of Mysuru and Ms. Chaitra B, International Kho-Kho player.

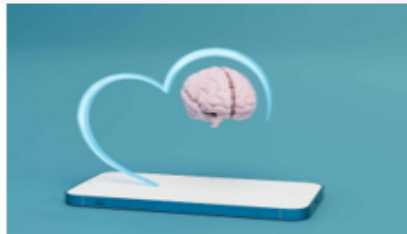
ARTICLES

IMPACT OF MOBILE PHONE ON MENTAL HEALTH

How Do Phones Affect Your Brain Cells?

How Do Phones Affect Your Brain Cells? In today's digital age, our phones have become an extension of ourselves. Whether it's checking emails, scrolling through social media, or using apps to organize our lives, these devices play a crucial role. But as our reliance on smartphones grows, so do questions about their effects on brain health. **How do phones affect your brain cells?** Are they simply tools of convenience, or could they be quietly influencing how our brains function and develop?

In this article, we'll explore the scientific and medical insights into the relationship between smartphones and brain health, addressing concerns about memory, focus, emotional well-being, and brain cell development. Understanding these impacts can help us make informed decisions about our screen time and mental health.



The Science Behind How Phones Affect Your Brain Cells

Phones emit electromagnetic waves that interact with the body in various ways. While these waves are low-energy and generally considered safe, researchers are beginning to uncover their subtle impacts on the brain. For instance:

- **Electromagnetic Wave Interaction:** Studies suggest that prolonged exposure to phone radiation may alter the activity of neurons, the brain's communication cells. Although the changes are small, the long-term implications remain under study.
- **Brain Drain Hypothesis:** A phenomenon observed in several experiments shows that simply having a phone nearby can lower cognitive capacity. This "brain drain" happens because the brain subconsciously focuses on potential notifications or messages, even when the device is silent.

Moreover, early studies into **how do cell phones affect brain development** suggest that younger, developing brains might be more vulnerable to these influences. Children and teenagers, whose brains are still forming crucial neural connections, may experience more pronounced effects.

Changes in Brain Chemistry: How Phones Affect Your Brain Cells

One of the most striking findings in recent years involves how phones can influence brain chemistry:

1. **Dopamine Loops:** Every notification, like, or message triggers a release of dopamine—a neurotransmitter linked to pleasure and reward. This creates a loop of constant checking, leading to behaviors similar to addiction. Over time, this can desensitize the brain to natural dopamine levels, potentially affecting emotional regulation.
2. **Imbalance in Brain Chemicals:** A study presented to the Radiological Society of North America found that heavy smartphone users exhibited imbalances in neurotransmitters that regulate mood and attention. These imbalances might explain the link between excessive phone use and anxiety or depression.
3. **Memory Impairment:** Phones offer quick access to information, but this convenience can lead to over-reliance. Known as "digital amnesia," this phenomenon occurs when people depend on their devices instead of their own memory, weakening cognitive recall abilities over time.

These changes underscore the importance of understanding **how do cell phones affect brain development**, especially in younger populations where these chemical shifts may hinder natural growth processes.

Cognitive and Emotional Effects: How Do Phones Impact Our Daily Lives?

Smartphones have revolutionized how we interact, learn, and entertain ourselves, but they also come with cognitive and emotional costs:

1. **Reduced Attention Span:** Constant notifications and multitasking can fragment our focus, making it harder to concentrate on a single task. Research shows that frequent phone use trains the brain to seek out distractions, reducing productivity and mindfulness.
2. **Memory and Problem-Solving Declines:** Studies indicate that the presence of a phone can decrease problem-solving abilities and working memory, as the brain relies on the device for answers rather than internal cognitive resources.
3. **Emotional Well-Being:** Excessive screen time is linked to heightened feelings of stress and anxiety. The constant comparison facilitated by social media apps can lead to a decline in self-esteem and overall mental health.



What Part of the Brain Is Damaged From Social Media? How Do Phones Affect Your Brain Cells?

Social media platforms are designed to capture attention, but they may also have unintended effects on the brain:

- **Prefrontal Cortex:** This part of the brain, responsible for decision-making and impulse control, is particularly affected by the constant rewards and notifications of social media. Over time, users may experience difficulty managing impulses or focusing on long-term goals.
- **Amygdala Activation:** Emotional responses, such as fear and pleasure, are heightened by social media engagement. This can lead to an overactive stress response, making users more susceptible to anxiety.
- **Impact on Teens:** Young people are especially vulnerable. The reliance on social media for validation can disrupt the natural development of self-esteem and problem-solving abilities.

The question of how do cell phones affect brain development becomes even more significant when considering social media's role in influencing not just individual users but entire developmental patterns in children and teenagers.

Conclusion: How Do Phones Affect Your Brain Cells? and What You Can Do

The impact of smartphones on brain health is undeniable. While they offer unparalleled convenience and access to information, their overuse can disrupt sleep, impair cognitive abilities, and alter brain chemistry. Understanding how do phones affect your brain cells empowers users to make informed decisions about their screen time.

To maintain brain health:

- Limit phone usage, especially before bedtime.
- Foster healthier habits like mindfulness and offline engagement.
- Educate yourself and others on the balance between benefits and risks.

If you're concerned about the effects of phone usage on your cognitive or emotional well-being, consult Neurology Mobile. Our experts specialize in assessing brain health and providing actionable advice to help you lead a balanced digital life.

Ms. Pranamya,
6th Sem, CSE

