



### Vision of the Department:-

To be recognized as a centre of excellence in the field of Information Technology where learners are nurtured in a scholarly environment to evolve into competent professionals to benefit society.

### Mission of the Department:-

- Evolve a curriculum which emphasizes on strong engineering fundamentals with the flexibility to choose advanced courses of interest and gain exposure to tools and techniques in Information Technology.

- Encourage a teaching learning process in which highly competent faculty share a symbiotic association with the institutes of repute.

- Facilitate creation and dissemination of knowledge through a digitally enabled earning environment.

- Develop academic and infrastructural facilities with modern equipment and other learning resources and encourage reciprocal sharing with other institutes through networking.

- Establish a centre of excellence to enhance academia – industry partnership and work on collaborative projects.

### Programme Educational Objectives (PEOs) :-

**1:** Graduates will possess the fundamental knowledge, theoretical background and technical skills to lead a successful career in diverse domains.

**2:** Graduates will analyse real life problems and design technically sound, economically feasible and socially acceptable solutions in multidisciplinary domains to generate the employment by inculcating entrepreneurial spirit

**3:** Graduates will exhibit professionalism, ethics, teamwork, social awareness and agility through life-long learning.

## WHAT'S INSIDE

### • ITSA Activity

Technical jeopardy

Code in the Dark

Department Staff

- Prof. Ajitkumar Kachane

- Prof. Akshay Loke

### • Personalized Medicine using AI

Alumnus Talk

- Yash Mahajan

### Faculty Achievement

- Phd completed by

Prof.Santosh Tamboli

- Mernstack Fdp

- Student Speak

## PROF. DR. VIDYA CHITRE

HEAD OF DEPARTMENT, INFORMATION TECHNOLOGY

Dear Faculty, Staff, Students, and Alumni,  
As the Head of the Information Technology Department, it brings me immense joy to witness our students grow from curious learners into capable professionals, ready to thrive in the ever-evolving digital landscape. Our department is dedicated to fostering a learning environment that inspires creativity, analytical thinking, and strong technical foundations—qualities that are indispensable in today's tech-driven world.

Looking ahead, we remain steadfast in our mission to empower students with the tools, insights, and forward-thinking attitude essential for success in the tech industry. We aim to shape visionary innovators who will lead the charge in the digital era and make meaningful contributions to the world around them. Together, we are shaping the next chapter of IT.



**ITSA activity-****“Technical Jeopardy”**

Date of activity: 26/03/2025 pvt ltd.

An engaging quiz competition that tests participants' technical knowledge and analytical skills in a game-show format. It features categories, difficulty levels, and strategic challenges designed to encourage learning and promote competitive spirit. . The event was open to teams, attracting students with varying levels of expertise.

**“Code in the Dark”**

Date of activity: 24/03/2025 pvt ltd.

To challenge participants to replicate a given web design using only HTML and CSS with limited previews, testing their coding skills, intuition, and memory under time constraints.

Code in the Dark was an electrifying web development competition organized by ITSA, held. The event challenged participants to replicate a given web design using only HTML and CSS.

**Department Staff**

**Prof. Ajitkumar Kachane**  
Associate Professor

**EDUCATION QUALIFICATION:**  
M.E (Electronics)

**WORK EXPERIENCE:** 30 YEARS

**AREA OF SPECIALIZATION:**  
IoT , Image processing

**Prof. Avinash Loke**  
Assistant Professor

**EDUCATION QUALIFICATION:**  
M.E (Computer Engineering)

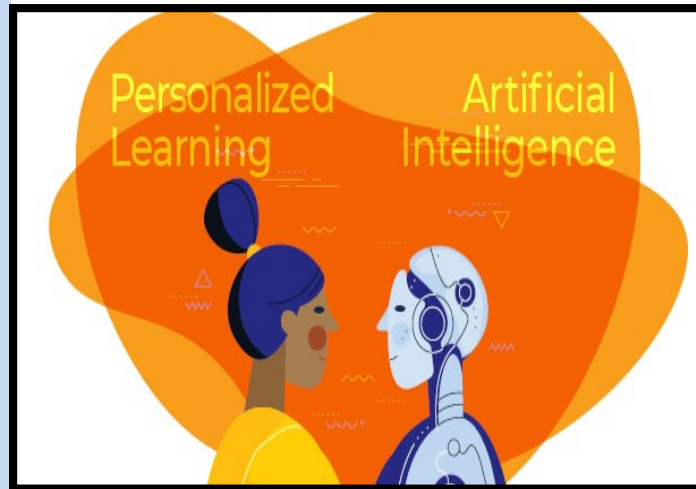
**WORK EXPERIENCE:** 14 YEARS

**AREA OF SPECIALIZATION:**  
ADSA



## AI-driven Personalized Learning

Artificial Intelligence analyzes students' learning patterns, pace, and performance data. It then adapts content delivery to match individual needs, strengths, and weaknesses. This results in more effective learning experiences tailored to each student. Unlike traditional one-size-fits-all teaching, AI creates dynamic, evolving lesson plans. It also helps educators identify struggling students early and provide timely support. Such smart learning systems are being integrated into schools and online platforms. Personalized learning through AI ensures no student is left behind in the digital era.



### Alumni Speak

#### **Parul Vig, 2023-24 pass out batch Product Support**

My time at VIT was a transformative experience. The strong academic foundation, combined with hands-on projects and internships, prepared me for real-world challenges in the engineering field. The faculty's guidance and the collaborative campus environment played a key role in my personal and professional growth. Since graduating, I've applied the skills I gained here to excel in my career, and I'm proud to be part of this vibrant alumni network. Beyond academics, the vibrant campus life and extracurricular opportunities offered by the VIT enriched my overall college experience. Engaging in student organizations and participating in competitions allowed me to hone my leadership skills and expand my network.

Currently I am placed at Product Support as a Web Solution Specialist .





## FACULTY ACHIEVEMENT:

**Prof. Santosh Tamboli** has successfully completed his Ph.D. in Cybersecurity. His research focused on advanced threat detection and digital forensics. This achievement marks a major milestone in his academic journey. Congratulations to Dr. Tamboli on this outstanding accomplishment!



**VIT** Vellore Institute of Technology  
ISTE APPROVED  
Accredited A+ by NAAC

**BUILDING SECURE, AI-RESPONSIVE WEB APPS WITH MERNSTACK, DOCKER, KUBERNETES AND GOLANG**

**SPEAKERS**

 <b>Yash Shah</b> SHRINAVY TECHNICAL HEAD OF TECHNOLOGY	 <b>SAISH KHADE</b> SENIOR FRONT-END DEVELOPER AT RELIANCE JIO	 <b>Sayali Tambe</b> SENIOR SOFTWARE ENGINEER AT CLOVER INFOTECH	 <b>J A Gokhale</b> TECHNICAL DIRECTOR MAXIMUS TECHNO LABS
 <b>Deepika Dadore</b> FOUNDER OF SAKSHAM DIGITAL TECHNOLOGY	 <b>Debarati Ghosal</b> ASSISTANT PROFESSOR INFORMATION TECHNOLOGY	 <b>Bhanu Tekwani</b> ASSISTANT PROFESSOR INFORMATION TECHNOLOGY	

Date: 1st March - 29th March  
(on Saturdays)  
Time: 9 a.m. to 5 p.m  
Venue: Online  
Registration fees 499/-

For more queries contact:  
Debarati Ghosal: 99301 72242 , Bhanu Tekwani: 96655 18788

**REGISTER**



**Prof. Debharti Ghosh and Prof. Bhanu Tekwani** successfully conducted an FDP on MERN Stack. The program focused on hands-on training in MongoDB, Express.js, React, and Node.js. It provided valuable insights into full-stack web development using modern tools. Kudos to both professors for organizing an impactful and engaging session!

## Student's Speak

### Soham Ghogare , TE INFT B (Batch 2022)

As an engineering student AT vit, I've learned that engineering is not just about equations and theories—it's about creativity, problem-solving, and teamwork. Hands-on experiences, from building robots to developing software, have shown me how knowledge translates into real-world solutions.

Extracurricular activities also play a big role in shaping me as a well-rounded individual. Leadership, communication, and time management are essential skills I've developed through sports and student clubs.

Overall, engineering is a journey of constant learning, and I'm excited for the future as I continue to grow alongside brilliant peers and faculty.



## EDITORIAL TEAM

Prof. Neha Kudu  
Chief Editor