



Hope Foundation's  
International Institute of Information Technology (I²IT)

# EBUZZ

JANUARY TO JUNE 2025



EVENTS | GUEST LECTURES | INDUSTRIAL VISITS

## Events



# Value Added Course on Embedded Programming through Tinkercad

Organized by the Department of IT for second-year students from 10<sup>th</sup>-11<sup>th</sup> Jan 2025, this session by Dr. Nitin N. Sakhare introduced embedded programming, microcontrollers, and sensors, with hands-on Tinkercad simulations for IoT and automation applications.

# FDP on Implementation of NEP 2020



On 11<sup>th</sup> Jan 2025, the Department of Computer Engineering hosted an FDP at the Mohini Chhabria Convention Centre, where Dr. Pramod Patil (SPPU) guided faculty on integrating NEP 2020 through multidisciplinary learning, research focus, and industry collaboration.



# Fresher's Party 2025

On 25<sup>th</sup> January, 2025, I<sup>2</sup>IT organized a fun-filled fresher's party. The I<sup>2</sup>IT Fresher's Party 2025 was a vibrant 2.5-hour celebration filled with energy, talent, and enthusiasm. The evening featured a variety of performances including solo and group dances, soulful singing, ramp walks, skits, and a powerful band performance. The highlight of the night was the exciting couple rounds, which kept the audience engaged till the very end. The event concluded with the announcement of winners, marking a memorable and spirited welcome for the fresher's into campus life.



## EVENTS

# Dhruva 2025

Dhruva 2025 (29<sup>th</sup> – 30<sup>th</sup> January 2025) kicked off with Ruhaniyat (Mehfil) at the Amphitheater, setting a soulful tone with choir, mehfil, and open-stage performances. Day 2 brought cultural vibrance with Granth Dindi & Traditional Day, Dhvani Singing Competition, Code to Crack, Esports Tournaments, a lively Flash Mob, Band Wars, and a mesmerizing performance by the Headliners Band. The final day featured Mismatch Day, Hunger Games, India's Got Patent, and a thrilling Treasure Hunt. Post-lunch events like Squid Game, IPL Auction, and Esports Finals kept the energy high. The festival concluded with a spectacular Dance Competition, dazzling Fashion Show, and an electrifying DJ Night, creating unforgettable memories.



## EVENTS

# Add-on Course on Introduction to VLSI



The Add-on Course was held from 5<sup>th</sup> to 20<sup>th</sup> February 2025. For third-year (TE) students, this course introduced fundamentals of semiconductors, charge carriers, and device physics to prepare them for advanced VLSI design.



# SHIVJAYANTI 2025

On 21<sup>st</sup> February 2025, IIT celebrated Shivjayanti, honoring the birth anniversary of Chhatrapati Shivaji Maharaj, the great Maratha warrior and visionary leader. The program began with lighting of the ceremonial lamp, followed by an inspiring speech on Shivaji Maharaj's life and achievements. Students showcased their talent through patriotic songs, traditional dances, and a skit portraying significant moments from his life. With the support of Principal, HoD, faculty, and staff, the event was conducted successfully, concluding with a vote of thanks. The celebration not only paid tribute to Shivaji Maharaj but also inspired students with his values of courage, leadership, and justice.



## EVENTS

# Marathi Bhasha Din

The Board of Student Development and NSS Unit of I<sup>2</sup>IT, Pune, organized Marathi Bhasha Din at the Convention Center to celebrate the richness of the Marathi language and culture on 24<sup>th</sup> February 2025. Students recited soulful Marathi poems and performed a lively folk dance to traditional songs, paying tribute to Maharashtra's cultural heritage. The program concluded with the Maharashtra Geet, leaving the audience with pride and reverence for their mother tongue.



# Value Added Course on Android Application Development

The Department of Information Technology organized a two-day course on Android Application Development from 3<sup>rd</sup> to 6<sup>th</sup> March 2025 for Second Year IT students, led by Mr. Sumit Pathak, an expert in Android Development. The course provided students with hands-on experience in building Android applications, covering essentials such as setting up Android Studio, creating user interfaces, and working with Activities, Intents, Views, and Layouts. Students also gained practical exposure to data storage integration, API usage, testing, and debugging. Through interactive sessions, participants successfully designed and deployed basic Android apps, incorporating features like real-time API data retrieval. The program was well-received, equipping students with valuable skills and a strong foundation in mobile application development.



## EVENTS

# Verses of Symphony

As part of the Women's Day celebrations (8<sup>th</sup> Mar 2025 ), a guest lecture on "Hormones in Harmony" was delivered by Dr. Ashwini Sonalkar, an esteemed Ayurvedic doctor. The session offered valuable insights into hormonal changes across different stages of a woman's life and their impact on overall well-being. Dr. Sonalkar emphasized the importance of maintaining hormonal balance, highlighted common concerns such as fatigue, mood swings, PCOS, and irregular cycles, and shared holistic lifestyle approaches including nutrition, sleep, stress management, and exercise. She also discussed available medical treatments and diagnostic tools. The interactive session was empowering and well-received, encouraging open conversations on women's health and leaving participants informed and inspired.



# 9<sup>th</sup> Founder's Day

The 9th Founder's Day was celebrated on 12th March 2025 as a tribute to the indomitable spirit of our founder, Late Shri Pralhad P. Chhabria, a pioneer who believed in the transformative power of education. His vision has continued to guide the Hope Foundation and Research Centre, nurturing institutions such as I<sup>2</sup>IT, FAMT, and PPCRC.

We were honored to have Dr. Abhay Jere, Vice-Chairman, AICTE, as the Chief Guest, and Dr. Dattatray Jadhav, Joint Director, Directorate of Technical Education, Pune, as the Guest of Honour. Their insightful and inspiring words added immense value to this memorable occasion.

From humble beginnings to shaping thousands of young minds, the legacy of Late Shri Pralhad P. Chhabria lives on through every student, every dream, and every innovation that takes shape within our institutions. The event served as a reminder to continue carrying forward his legacy with excellence, perseverance, and progress.



## EVENTS

# Add on Course on Drone Manufacturing and Testing

The Department successfully organized a “Drone Manufacturing and Testing” course from March 17<sup>th</sup> to 19<sup>th</sup>, 2025, on campus. Students participated in hands-on sessions where they assembled and tested drone components, gaining practical exposure to aerodynamics, flight mechanics, stability, and control. Real-time flight simulations, calibration exercises, and troubleshooting enhanced their technical skills. The course also included interactive discussions on industry applications and regulations, offering insights into the role of drones in defense, agriculture, and surveillance.



# Add On Course on “Mastering Full Stack Web Development”

The Department of Computer Engineering organized an Add-On Course on “Mastering Full Stack Web Development” for third-year students on 19<sup>th</sup> and 22<sup>nd</sup> March 2025. The session was conducted by Mr. Tejas Limaye, Founder and Director of Appwizer Solutions (OPC) Pvt. Ltd. He provided students with insights into both front-end and back-end technologies, covering concepts from user interface design to server-side logic and database management. The interactive sessions offered hands-on learning, helping students understand the complete process of developing a web application. The students actively participated and thoroughly enjoyed the sessions.



## EVENTS

# Add On Course on Unlock The Server: Backend Development For Dynamic Web Development

The Department of Information Technology, I2IT Pune, organized a Backend Web Development course for Second-Year IT students from 21<sup>st</sup> to 25<sup>th</sup> March 2025. The sessions were conducted by Mr. Hrishikesh Shinde and Mr. Yogesh Jamkar, both experts in backend web development.



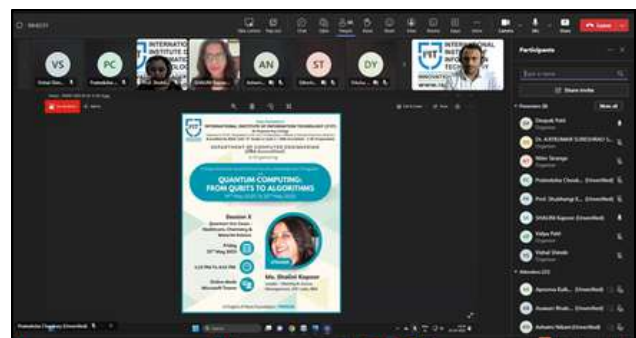
The five-day course provided students with hands-on training through a structured approach:

- **Day 1:** Core server-side principles, HTTP requests, and basic scripting.
- **Day 2:** Data management with databases and SQL for persistent storage.
- **Day 3:** Backend frameworks and API development for functional applications.
- **Day 4:** Security best practices and deployment strategies.
- **Day 5:** Guided project work, integration, and final review.

Through practical exercises, code-alongs, and projects, students gained the confidence and skills to begin their journey in backend web development, bridging the gap between theory and real-world applications.

# The Faculty Development Program (FDP) on “Quantum Computing: From Qubits to Algorithms

The Faculty Development Program (FDP) on Quantum Computing Fundamentals was held from 19<sup>th</sup> to 23<sup>rd</sup> May 2025. It was organized with the objective of introducing participants to core quantum concepts, entanglement, and quantum gates with their applications.



The FDP featured eminent speakers and experts:

- Dr. Bhaskar Mondal, Assistant Professor, NIT Patna
- Ms. Madhuri Konnur, Sr. Technical Trainer, SkillsMatrix
- Dr. Jayakumar Vaithiyashankar (Founder & CEO, Anuthantra Pvt. Ltd.)
- Mr. Ashwin Kulkarni, Software Developer & Qiskit Advocate, IBM
- Ms. Guncha Malik, IBM Quantum Ambassador & STSM@IBM Cloud, IBM
- Mr. Karthi Ganesh, Chief Quantum Architect, BosonQ Psi Pvt. Ltd., Bengaluru
- Mr. Digambar Padulkar, Assistant Professor, CE, Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati
- Dr. Deptii Chaudhari
- Dr. Shalini Kapoor, CIO India and IT Leader with 18+ years at IBM



The sessions offered participants a holistic perspective on quantum fundamentals, applications, and future possibilities, blending both academic and industry viewpoints.

## EVENTS

# Farewell Party

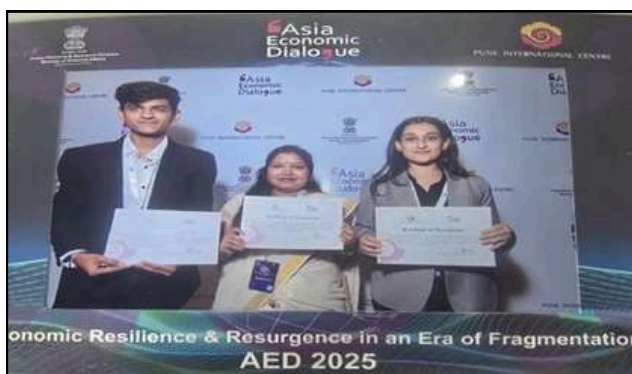
On 6<sup>th</sup> June 2025, the farewell at IIT was an evening filled with joy, nostalgia, and heartfelt emotions as the final-year students bid goodbye to their peers, faculty, and alma mater. The event featured lively dance performances by juniors, emotional speeches from faculty and seniors, and soulful musical performances by the outgoing batch. The evening concluded with a delightful dinner, making it a memorable celebration of bonds, achievements, and cherished memories.



## — *Achievement*

# Research Paper Writing Competition on AI in Cybersecurity

The Shunya Shield Cybersecurity Club at the International Institute of Information Technology (I<sup>2</sup>IT), Pune, organized a Research Paper Writing Competition on 2<sup>nd</sup> February 2025 to foster a research-oriented mindset among students and deepen their understanding of cybersecurity challenges. From the submissions, three outstanding papers were shortlisted by a faculty panel. Among them, the paper titled “Addressing Hallucinations in Generative AI for Enhanced Cybersecurity Applications” was selected and submitted to the Pune International Center (PIC) Whitepaper Contest on AI in Cybersecurity. We are proud to share that this paper secured 2<sup>nd</sup> Place at the PIC Whitepaper Contest. The research was conducted under the guidance of Prof. Bhagyashri Thorat and co-authored by Atharva Patil and Saumya Sharma.



## — Guest Lectures

### A Guest session on "Internship Awareness"

The Department of Computer Engineering, International Institute of Information Technology, Pune, organized a guest session on "Internship Awareness" for TE students on 6<sup>th</sup> January 2025. The session was conducted by Mr. Amol Aher, Director & Head of Operations, Kas Net Technology Pvt. Ltd. He shared valuable insights into the internship application process and guided students on how to effectively search for, apply to, and secure internships across various domains. Mr. Aher also offered practical tips on making the most of internship opportunities by emphasizing the importance of continuous learning, networking, and meaningful contribution to projects. The session proved to be highly informative and motivating, equipping students with strategies to enhance their professional journey.



## GUEST LECTURES

# Alumni interaction on “Navigating Career Transitions”

On 8<sup>th</sup> January 2025, the International Institute of Information Technology (I<sup>2</sup>IT), Pune, hosted an engaging alumni session by Mr. Shivam Kumar Singh, an esteemed alumnus currently pursuing his MS in Information Systems and a former intern at Arista. In his talk on “Navigating Career Transitions”, Shivam shared his personal journey and offered valuable strategies for managing the shift between academic and professional phases. He addressed crucial aspects such as selecting the right career path, up skilling to meet industry demands, handling uncertainties in the job market, and leveraging internships and networking opportunities. The session was highly interactive, with students actively participating in Q&A. Shivam’s practical insights and advice empowered students to make informed career decisions and adapt to evolving technology trends.



# Expert Lecture on Semiconductor Interactions with Light



The Department of Electronics and Telecommunication (E&TC) Engineering organized an expert session on 14<sup>th</sup> January 2025 for SE, TE, and BE students on the topic “Wafer Level Reliability and Characterization Engineer.” The session was conducted by Mr. Balraj Arunachalam, who shared his expertise and industry experience in semiconductor device reliability. The session provided students with an in-depth understanding of wafer-level reliability testing and characterization techniques, emphasizing their critical role in ensuring the performance and durability of semiconductor devices during manufacturing and usage.



## GUEST LECTURES

# Expert Session on “Conceptualizing the process of Internship”

An expert session was conducted by Ms. Pradnya Shinde on the topic “Conceptualizing the Process of Internship” was held on . The session aimed to provide students with essential insights into the significance of internships, their role in career development, and strategies to secure meaningful opportunities.



# Guest Lecture on "Mathematical Modelling in Computer Science"



The IIT ACM Student Chapter, under the ACM Eminent Speaker Program (ESP), organized an insightful guest lecture on “Mathematical Modelling in Computer Science” on 3<sup>rd</sup> February 2025 at the Convention Centre. The session was delivered by Dr. Abhijat Vichare, Ph.D. in Physics and ACM India-affiliated expert. Dr. Vichare highlighted the vital role of mathematics in computing and demonstrated how mathematical concepts aid in modelling both physical systems and computational problems.

# Guest Lecture on "Mastering Research Paper Writing and Technical Documentation: Reading and Writing"

The I<sup>2</sup>IT ACM Student Chapter, under the ACM Eminent Speaker Program (ESP), organized a guest lecture titled "Mastering Research Paper Writing and Technical Documentation: Reading and Writing" on 20<sup>th</sup> February 2025 at the Convention Centre. The session was delivered by Dr. Prashant P. Bartakke, Dean, School of Electrical and Communication Engineering, COEP Technological University. Dr. Bartakke guided students on how to effectively read and analyze academic research papers, identify their key components, and develop strong technical writing skills. He also emphasized the role of mathematical equations in technical documentation, helping students understand their importance in presenting precise and well-structured research work. The lecture provided valuable insights and practical strategies, equipping students with essential skills for academic and professional research writing.



# Guest Lecture on Industrial Automation & Smart Engineering

The Department of Electronics & Telecommunication Engineering (E&TC), IIT Pune, in collaboration with Soft Con Pvt. Ltd., organized an expert session on “Industrial Automation & Smart Engineering” on March 20, 2025, at the Convention Center. The session introduced SE & TE E&TC students to cutting-edge technologies such as IoT, SCADA, automation, and AI-driven industrial solutions. The expert speaker shared valuable industry insights, real-world applications, and engaged students through an interactive Q&A session. The session proved highly informative, effectively bridging the gap between academic learning and industry trends.



## GUEST LECTURES

# An expert session on “Unlocking Innovation: Identifying the Right IPR for Your Ideas and Exploring Government Benefits

An expert session titled “Unlocking Innovation: Identifying the Right IPR for Your Ideas and Exploring Government Benefits” was conducted on 22<sup>nd</sup> March 2025 by Adv. Swapnil Mahadeo Sanap, Registered Patent Agent and Founder of IP Shastra®. The session provided a comprehensive overview of Copyrights, Trademarks, Patents, Industrial Designs, Trade Secrets, Geographical Indications, and Plant Varieties, along with guidance on identifying ideas suitable for each IPR category, their legal lifecycles, and eligibility timelines. Mr. Sanap also highlighted key government initiatives such as KAPILA, Stand-Up India, Mudra Yojana, and patent filing reimbursement schemes, aimed at supporting innovators, women entrepreneurs, MSMEs, and academic institutions. The session proved to be highly informative and impactful, offering actionable insights for students, researchers, and entrepreneurs to protect and commercialize their innovations.



## Guest Lecture on “FUN WITH ALGORITHMS”

The I<sup>2</sup>IT ACM Student Chapter, under the ACM Eminent Speaker Program, organized a guest lecture on “Fun with Algorithms” by Dr. Sachin P. Lodha, Chief Scientist at TCS Innovation Labs, on March 25, 2025. Dr. Lodha explored the evolution of algorithms—from their historical roots to modern applications—covering classifications, real-world use cases, intriguing puzzles, and future research trends. His interactive and engaging approach made complex concepts accessible, sparking curiosity and enthusiasm among students.



## An expert session on “Electric Vehicle Technology: A Brief overview”



An expert session on “Electric Vehicle Technology: A Brief Overview” was conducted on 25<sup>th</sup> March 2025 by Mr. Hemank Dabhade of NT Power Systems. The session covered EV battery technology, power electronics, charging methods, system architecture, and selection criteria, offering participants valuable industry insights.

## GUEST LECTURES

# A guest lecture on “Cloud Computing Essentials”

A guest lecture on “Cloud Computing Essentials” was organized on 26<sup>th</sup> March 2025 at IIT, Pune, coordinated by Prof. Gaurav Malode and Prof. Swati Shinde. The session was delivered by Mr. Hrushikesh Shinde (Technical Solution Architect, TCS Pune) and Mr. Krishna Kulkarni (Cloud Architect, Vodafone Pune). Attended by 87 TE IT students, the lecture covered cloud platforms (AWS, Azure, GCP), hands-on techniques, and best practices for deploying applications. Students gained practical exposure to virtual machines, storage solutions, auto-scaling, and load balancing. The interactive session effectively bridged theoretical concepts with real-world applications, making it both insightful and highly impactful.



# An Expert Lecture on “Unlocking Real World Insights: Industry Applications of Data Science”

The Department of Computer Engineering, IIT Pune, organized an expert lecture on “Unlocking Real World Insights: Industry Applications of Data Science” on April 3, 2025, delivered by Mr. Kiran Digraze. The session highlighted data science applications in finance, healthcare, marketing, and manufacturing, with real-world case studies, tools, and industry insights. Students actively engaged in discussions and Q&A, gaining practical knowledge of data-driven decision-making. The event proved highly beneficial, motivating students to explore data science as a career path.



## GUEST LECTURES

# Guest Lecture on “Why MBA?”

The International Institute of Information Technology (I<sup>2</sup>IT), Pune, hosted a guest lecture by Mr. Tumuluri Rammohan, an experienced professional in business strategy and entrepreneurship. Mr. Rammohan shared insightful perspectives on the true value of pursuing an MBA—emphasizing it as a transformative journey beyond academics. He highlighted how MBA programs nurture critical business skills, leadership qualities, decision-making abilities, strategic thinking, and professional networking, all essential for success in today’s competitive world. The session was highly engaging and inspiring, encouraging students to view an MBA not just as a degree, but as a catalyst for career growth and personal development.



# Expert Session on AI in 5G and Beyond

On 11<sup>th</sup> April 2025, the Training and Placement Cell of I<sup>2</sup>IT, Pune, organized an expert session on “AI in 5G and Beyond” for SE and TE students, delivered by Dr. Munir Sayyad. The session covered the evolution of mobile networks from 1G to 5G, highlighting key advancements and their societal impact. Dr. Sayyad emphasized the role of AI technologies such as machine learning and deep learning in optimizing network operations, predictive maintenance, and automation for future wireless systems. He also connected Bloom’s Taxonomy with learning outcomes in technology, encouraging students to move from remembering concepts to creating innovative AI-driven solutions for next-generation networks. The session was highly informative and thought-provoking, bridging theory with real-world applications and inspiring students to explore the future of AI in 5G and beyond.



## GUEST LECTURES

# Guest Lecture on “Blockchain Unraveled: Merits, Challenges, and Real-World Impact”

The Department of Information Technology, I<sup>2</sup>IT Pune, organized an expert session on “Blockchain Unraveled: Merits, Challenges, and Real-World Impact” on Saturday, 12<sup>th</sup> April 2025 from 10:30 AM to 12:00 Noon for BE IT (A & B Divisions) students. The session provided a comprehensive overview of blockchain technology, covering its foundational concepts, merits such as transparency and data integrity, as well as challenges including scalability, interoperability, and regulatory concerns. Real-world case studies in finance, supply chain, healthcare, and digital identity highlighted blockchain’s growing impact. A total of 90 students actively participated, gaining valuable insights into the evolving landscape and future potential of blockchain technology.



# Campus Preparation Session by Zensar Technologies

On 23<sup>rd</sup> April 2025, the Training & Placement Cell of I<sup>2</sup>IT Pune was honored to host Mr. Dhiraj Chawade, Talent Acquisition Manager at Zensar Technologies, for a session on Campus Preparation Strategies for third-year students, ahead of the upcoming Zensar Campus Drive in July 2025. Mr. Chawade highlighted the importance of early preparation, focusing on aptitude, communication, and professional attitude as key hiring criteria. He shared insights into Zensar's recruitment process, including assessments, interviews, and expectations from fresh graduates. Students gained clarity on preparation timelines, valuable recruiter insights, and practical tips to enhance their profiles and succeed in placements.



## — *Industrial Visits*

# IUCAA, Pune

An industry visit to the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune was organized on 28<sup>th</sup> February 2025 for students of the International Institute of Information Technology, Pune. The visit provided students with valuable exposure to advanced research in astronomy and astrophysics. They explored IUCAA's research facilities, interacted with experts, and gained insights into cutting-edge developments in space science and computational techniques. The visit proved to be highly informative, inspiring students to broaden their perspectives on research opportunities and applications of technology in astrophysics.



## CDAC, Pune



The Department of Electronics and Telecommunication (E&TC) successfully organized an industrial visit to CDAC, Pune on 28<sup>th</sup> February 2025 for TE E&TC students. The visit offered students a valuable opportunity to gain firsthand exposure to advanced research areas such as high-performance computing, cybersecurity, VLSI design, and artificial intelligence applications. Students interacted with industry experts and researchers, exploring practical implementations in embedded systems, IoT, and AI-driven technologies. They also learned about CDAC's pioneering contributions in supercomputing, software development, and electronic system design, effectively bridging the gap between academic learning and industrial practices. This interactive and enriching experience provided students with deeper insights into the latest industry trends, research methodologies, and technological innovations, preparing them for future career opportunities in the electronics and computing domains.



## INDUSTRIAL VISITS

# Bosch, Jaipur (Rajasthan)

The Industrial Visit to Bosch Jaipur, held from 23<sup>rd</sup> March to 29<sup>th</sup> March 2025, offered students valuable exposure to cutting-edge technologies, research advancements, and industry trends. The visit featured live demonstrations by experts in engineering and artificial intelligence, providing practical insights into real-world industrial applications.



## Social

# National Heritage Fort Conservation and Cleanliness

On 28<sup>th</sup> February 2025, the Information Technology Student Association (ITSA), I<sup>2</sup>IT Pune, organized a National Heritage Fort Conservation and Cleanliness Drive at Shivneri Fort on the occasion of National Science Day, under the guidance of Prof. Asawari Bhalerao. Students actively cleaned littered areas, collected garbage, and spread awareness among visitors about avoiding plastic and preserving historical sites. The drive highlighted Shivneri Fort's cultural and historical significance as the birthplace of Chhatrapati Shivaji Maharaj. The event concluded with a pledge to protect heritage sites, instilling in participants the values of Shourya, Tyag, and Sahas —reflecting the spirit of Shivaji Maharaj and inspiring responsibility toward nation-building.



# Visit to Old Age Home



On 18<sup>th</sup> March, the IT Department team of I<sup>2</sup>IT visited Matruseva Sevabhavi Sanstha, an NGO dedicated to providing residential care for senior citizens, especially those who are bedridden or without family support. The organization has supported over 245 elderly individuals across Maharashtra, offering nutritious meals, healthcare, personal hygiene assistance, and emotional support through recreational activities and counselling. During the visit, students interacted with the residents, listened to their life stories, and participated in engaging activities that brought smiles and joy to the elderly. Conversations with the caregiving staff provided valuable insights into their challenges and dedication. The experience was heart-warming and inspiring, reinforcing the importance of showing kindness, respect, and love towards our elders.



# Blood Donation Drive

On the occasion of Founder’s Day, the NSS Unit of I<sup>2</sup>IT, Pune paid a heartfelt tribute to our visionary founder, Shri Pralhad P. Chhabria Sir, by organizing a Blood Donation Drive on 21<sup>st</sup> March 2025 in collaboration with Akshay Blood Bank. With compassion in their hearts and sleeves rolled up, students, faculty, and staff came forward to donate blood—truly embodying the spirit of service, community, and humanity that our founder always championed. From the meticulous coordination by the NSS Unit to the expert support of the medical team from Akshay Blood Bank, every aspect of the drive reflected dedication, care, and a deep sense of purpose. The event stood as a meaningful reminder to continue walking the path of giving and uplifting lives—just as PP Chhabria Sir envisioned.



