

**AY 2024-25  
EVEN SEMESTER**

# Aurora



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

[Internet Of Things & Cybersecurity including Blockchain Technology]





## **Hon. Shri. Annasaheb Dange** **Founder & Chairman**

Sant Dnyaneshwar Shikshan Sanstha, Islampur,  
Annasaheb Dange College of Engineering  
And Technology, Ashta

**" Welcome to the Annasaheb Dange College of Engineering and Technology established in 1999. The institute has a talented and diverse community of learners and scholars located in dynamic city of Ashta, Sanlgi. Members of the Tech Community are united by a commitment to intellectual vigor and excellence, and engaged together in the discovery of knowledge in the classroom, in the research lab, and in community outreach. Our goal is to define and model the technological research institute of the twenty-first century.**

**We are striving towards getting recognition as one of the nation's best engineering Institute. The Institute offers a wide range of outstanding academic programs in Mechanical, Computer Science, Electronics , Electrical and Information Technology all of which are infused with a unique technological perspective that increased their relevance in today's world.**

**I invite you to check out our wide range of excellent academic programs and extracurricular activities. You can also catch a sense of Institutes spirited traditions. We appreciate your interest, and we hope you will visit us often, on the Internet or in person.**

**"If you make the commitment, we'll make it happen!"**

**~ Hon. Shri. Annasaheb Dange**  
**Founder & Chairman**



## **Adv. Rajendra R. Dange** **Secretary**

Annasaheb Dange College of Engineering  
And Technology, Ashta

**“It is with great pride, I welcome you to Annasaheb Dange College of Engineering and Technology (ADCET), a temple of learning envisioned to uplift rural youth through access to world-class technical education. Since its establishment, ADCET has stood as a symbol of dedication, discipline, and development.**

**Our journey has been guided by a simple yet profound belief: that every student, regardless of their background, deserves the opportunity to learn, grow, and lead. Situated in the heart of Western Maharashtra’s agrarian region, ADCET was founded not merely as a college, but as a mission to transform lives through education.**

**We continue to build on this legacy with a focus on student-centric policies, academic rigor, and a nurturing environment. From scholarships and mentorship programs to modern hostel facilities and inclusive campus culture, every initiative at ADCET is designed to support your journey academically and personally.”**

**~Adv. Rajendra R. Dange**  
**Secretary**



## **Hon. Vishwanath R. Dange**

### **Joint Secretary**

**Annasaheb Dange College of Engineering  
And Technology, Ashta**

**“ Since its inception, ADCET has emerged as a beacon of knowledge and innovation, transforming aspiring youth into capable professionals who are well-equipped to face global challenges. With top-notch infrastructure, NBA and NAAC (A++) accreditations, and a wide range of programs, ADCET continues to set new benchmarks in engineering education.**

**At SDSS, we strongly believe that education must empower individuals not just with knowledge, but also with values, vision, and a sense of responsibility towards society. ADCET embodies this belief by nurturing not only technically sound graduates but also socially conscious citizens who contribute meaningfully to national development.**

**The remarkable progress made by ADCET is a result of the tireless efforts of our dedicated faculty, staff, and leadership team, as well as the enthusiasm and determination of our students. Our alumni, too, have played a vital role by carrying the ADCET name with pride across industries and institutions worldwide. ”**

**~ Hon. Vishwanath R. Dange  
Joint Secretary**



## **Dr. Laxman Y Waghmode**

### **Director**

**Annasaheb Dange College of Engineering  
And Technology, Ashta**

**“ Annasaheb Dange College of Engineering & Technology (ADCET), located in Western Maharashtra, is a premier autonomous institution affiliated with Shivaji University, Kolhapur. It is known for excellence in technical education, offering a wide range of undergraduate programs, including Aeronautical Engineering, Artificial Intelligence, Data Science, and specialized courses in IoT, Cyber Security, and Blockchain Technology. Accredited by NAAC with an A++ grade and NBA-accredited programs, ADCET emphasizes quality education, employability, innovation, entrepreneurship, and addressing societal and environmental challenges.**

**With state-of-the-art laboratories, modern infrastructure, and a highly qualified faculty, ADCET fosters holistic student development, blending technical expertise with ethical and professional values. The institute aims to produce industry-ready graduates who can adapt to global challenges while addressing local needs. Collaborations with national and international institutions further enrich the learning experience.**

**ADCET invites aspiring students, alumni, and industry partners to join its inclusive academic community, contribute to its mission, and help shape the future of engineering education. ”**

**~ Dr. Laxman Y Waghmode  
Director**



## **Dr. Tahseen A. Mulla**

### **Head of Department**

Computer Science and Engineering  
[Internet of Things and Cyber Security Including Block Chain Technology]  
Annasaheb Dange College of Engineering & Technology, Ashta

**“ Welcome to the Department of Computer Science and Engineering (IoT and Cyber Security, including Blockchain Technology) at ADCET, where innovation meets excellence. Our department is dedicated to providing cutting-edge education, equipping students with the knowledge and skills needed to thrive in today’s rapidly evolving technological landscape.**

**In a world increasingly driven by interconnected systems, our specialized programs in IoT, Cyber Security, and Blockchain Technology empower students to explore and innovate in fields that are transforming industries and societies. We aim to produce proficient engineers capable of developing secure, efficient, and sustainable solutions for modern challenges.**

**Our department boasts advanced laboratories, research facilities, and an experienced, passionate faculty committed to fostering a culture of inquiry, creativity, and ethical practices. We prioritize hands-on learning, industry collaborations, and interdisciplinary research, ensuring our graduates are industry-ready and globally competitive.**

**Through workshops, internships, hackathons, and collaborations with leading organizations, we bridge the gap between academia and industry. We take pride in mentoring our students to become not just technocrats but also responsible global citizens with a strong foundation in ethical and professional values.”**

**~ Dr. Tahseen A. Mulla**  
**Head of Department**



# COMPUTER SCIENCE AND ENGINEERING

## (INTERNET OF THINGS AND CYBERSECURITY INCLUDING BLOCKCHAIN TECHNOLOGY)

Department of Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology) offers B.Tech. Program in Computer Science & Engineering (Internet of Things and Cyber Security Including Block Chain Technology). The institute launched its undergraduate engineering programme in the academic year 2021–2022 with a 60-seat intake. The aim of this program is to teach students on the operational and functional aspects of Internet of Things, Cyber Security, and Blockchain Technology. Today's society is becoming more and more reliant on cutting-edge technologies like the Internet of Things, Blockchain Technology with Cyber Security, and Artificial Intelligence with Machine Learning.

Internet of Things (IoT) are sensors and actuators connected by networks to computing systems. The condition and behavior of connected machines and objects can be managed or monitored by these systems. IoT opens up enormous possibilities for a variety of business models, including telecom companies, software suppliers, platform and application developers, and providers of IoT applications and services. The curriculum of this programme is structured such that students can study the most of the current cutting-edge technologies and acquire knowledge that are suitable for the profession.

Cyber Security refers to technological solutions that is used to protect the integrity of networks, programmes, and data against attack, damage, or unauthorized access. With the use of Blockchain Technology, data sources may be accessed at any time, and because the data is immutable over time, the security of the data is increased. By offering a trusted sharing service where information is trustworthy and traceable, Blockchain Technology improves the security of Internet of Things devices and the networks that connect them.

The curriculum also focuses on some of the fundamental cryptographic building blocks used in Blockchain Technology, as well as the limitations of block chain technology and basic distributed system concepts. Besides that, the Internet of Things is being utilized to build smart infrastructure across a variety of sectors, such as agriculture and smart farming, automotive, defense, healthcare, manufacturing, power, safety & surveillance, smart cities, smart homes, and transportation.

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# Vision & Mission



## Vision

Our department strives to be a hub of excellence in computing, dedicated to embracing emerging technologies. We equip students with cutting-edge skills and deep knowledge, empowering them to adapt swiftly to industry advancements and become future-ready professionals.

## Mission

**M1** - To impart effective outcome based education in the field of high end computing.

**M2** - To create an environment that promotes the research and development activities.

**M3** - To provide inclusive training in cutting-edge technology such as Internet of Things, Cyber Security, Blockchain Technology and Machine Learning

# EDITORIAL COMMITTEE



**Dr. Tahseen Mulla**  
CHIEF EDITOR



**Mrs. Amruta Patil**  
ASSOCIATE EDITOR

## Student's Committee



**Vishwajit  
Bavadhankar**

Magazine  
Committee Head



**Atharva  
Gavhane**

Magazine  
Committee Co-Head

### Magazine Committee Member



**Akshita  
Jha**



**Mugdha  
Kulkarni**



**Samiksha  
Patil**

# Faculty Members



**Dr. Tahseen Mulla**

**Associate Professor & Head**



**Dr. John A. Henry**  
Associate Professor



**Dr. Madhav Salunkhe**  
Associate Professor



**Mrs. Prachi Pathak**  
Assistant Professor



**Mrs. Madhuri J. S**  
Assistant Professor



**Mr. S. Suresh**  
Assistant Professor



**Mr. K. M. Dange**  
Assistant Professor



**Mrs. Amruta Patil**  
Assistant Professor



**Miss. V Waghmode**  
Assistant Professor



**Mr. S. Raddi**  
Assistant Professor



**Mr. S.N. Kamble**  
Assistant Professor

# Non-Teaching & Staff

## Non-Teaching



Mr Satish S Patil  
Sr.Lab Technician



Mr.Rohan Waghmare  
Jr.Lab Technician



Mrs.Kirti Y Kulkarni  
Jr.Lab Technician



Ms Rutuja Ghodake  
Jr.Lab Technician

## Supporting Staff



Mr. Vikas Patil



Mr. Sahil Nadaf

# Professional Committee



**Dr. Tahseen Mulla**  
ISTE, I2OR, IAENG, IAEP



**Dr. Madhav Salunkhe**  
IAEP, IAENG



**Mrs. Prachi Phatak**  
ISTE



**Mrs. Madhuri Siddharapu**  
ISTE



**Mr. Kumarsagar Dange**  
IAENG



**Mrs. Amruta Patil**  
IAEP, IAENG, I2OR



**Miss. V Waghmode**  
IAENG, IAEP, I2OR



**Mr. S. N. Kamble**  
ISTE

# Mock Interview, Group Discussion

The department has implemented a full-fledged program in the form of Mock Interviews and Group Discussion Rounds for final-year students, so that they can prepare well for their placement journey. It simulates the actual recruitment processes so that the students gain hands-on experience and become confident to face the interviews.

The mock interviews are designed to mirror the actual industry hiring practices and include both technical and HR rounds. Students are evaluated on their subject knowledge, problem-solving abilities, communication skills, and overall presentation. Constructive feedback is given after each session to help students identify their strengths and areas for improvement.



Group discussion rounds are arranged to create opportunities for students to present their ideas, work in teams, and think critically when under pressure. Current topics in the industry, case studies, or real-life scenarios are used to enhance their ability to communicate effectively and develop leadership qualities in the class room.



# Honor & Minor Courses Offered

The department takes immense pride in offering a variety of Honors Courses that aim to enhance the academic and professional growth of students. These programs are specifically designed to cater to diverse learning potentials and interests, providing them with enriched learning opportunities beyond the standard curriculum. Alongside the mandatory Multidisciplinary Minor Courses, ADCET facilitates students in pursuing an Undergraduate Degree with Honors, Honors with Research, or Specialization Minors to further their knowledge and expertise in specialized fields.

Students aspiring to earn an Undergraduate Degree with Honors and Multidisciplinary Minor are required to complete an additional 18 credits over and above the standard 170 credits, amounting to a total of 188 credits (170+18). These additional credits are typically achieved through Massive Open Online Courses (MOOCs), which are chosen from a specially curated basket of courses aligned with the student's Major Discipline. The department ensures that the titles and content of these courses are clearly communicated, enabling students to make informed decisions that align with their career objectives. These Honors courses are designed to span across all eight semesters of the undergraduate program, offering students a robust academic framework to deepen their knowledge and refine their technical skills.

To further broaden the scope of learning, the department offers a specialized Minor Course in IoT and Embedded Systems. This program is crafted to provide students with an in-depth understanding of the rapidly growing field of Internet of Things (IoT) and Embedded Systems, which are pivotal in the modern technological landscape.

Sr. No.	Course Code	Minor Stream Course Name
1	1ICIC212	Introduction to Internet of Things
2	1ICIC304	Embedded Systems for IOT
3	1ICIC313	Smart Sensors and Actuators
4	1ICIC405	IoT with Arduino, ESP and Raspberry Pi
5	1ICIC416	Minor Project

# Honor & Minor Courses Offered

Sr. No.	Course	Course Name
1	Honor-1	Under Graduate engineering degree with Honors and Multidisciplinary Minor (Honors in Cyber Security)
2	Honor-2	Under Graduate engineering degree with Honors and Multidisciplinary Minor (Honors in Cloud Architect)
3	Honor-3	Under Graduate engineering degree with Honors, Research and Multidisciplinary Minor (Honors with Research)

Sr. No.	Course Name HONOR-1	Sem	Platform	Credits	Total Credits
1	A Strategic Approach to Cybersecurity	IV	Coursera	3	18
2	Introduction to Cybersecurity Tools & Cyber Attacks	V		3	
3	Data Privacy Fundamentals	VI		3	
4	Software Security for Web Applications	VII		3	
5	Cybersecurity Breach Response: A Case Studies Report	VIII	IBM	6	

# Honor & Minor Courses Offered

Sr. No.	Course Name HONOR-2	Sem	Platform	Credits	Total Credits
1	Cloud Computing	IV	NPTEL	3	18
2	AWS Cloud Fundamentals ( AWS Cloud Practitioner)	V	AWS	3	
3	Microsoft Azure Cloud Fundamentals AZ 900	VI	Microsoft Azure	3	
4	AWS Cloud Architect	VII	AWS	3	
5	Project Work	VIII	-	6	

Sr. No.	Course Name HONOR-3	Sem	Platform	Credits	Total Credits
1	Research Methodology	VI	4	18	Research Methodology
2	Dissertation	VII and VIII	14		Dissertation

# Faculty Achievements



**Dr. Tahseen Mulla**

Accreditation and Outcome Based Learning, Machine Learning - IITKGP



**Dr. Madhav Salunkhe**

Innovation in Marketing and Marketing of Innovation



**Prof. Prachi Pathak**

Psychology, Privacy and Security in Online Social Media



**Prof. Madhuri Siddharapu**

Introduction to Internet of Things, Introduction to Industry 4.0 and Industrial Internet of Things



**Prof K. M. Dange**

Business Ethics, Sensors and Actuators



**Prof. Amruta Patil**

Cloud Computing



**Prof. V. G. Waghmode**

Introduction to Industry 4.0 and Industrial Internet of Things

# NPTEL Courses [Students]



The students of the Department of Computer Science & Engineering (Internet of Things & Cybersecurity, Including Blockchain Technology) achieved a remarkable milestone by successfully completing the Open Elective - 1 course offered by NPTEL across a variety of eight specialized courses. This accomplishment reflects the department's commitment to encouraging students to explore interdisciplinary learning opportunities and stay updated with the latest advancements in technology and related fields.

This achievement not only highlights the students' dedication and commitment to learning but also underscores the department's focus on fostering a culture of continuous education and professional development. By leveraging platforms like NPTEL, the department aims to prepare students to excel in their chosen domains and contribute meaningfully to the ever-evolving technological landscape.

The successful completion of the Open Elective - 2 courses by students marks yet another step forward in the department's mission to empower its students with the knowledge and skills necessary for a bright and impactful future.


**Elite**

## NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SHREYASH ANIL JAGTAP**  
for successfully completing the course

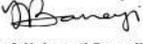
**Business Ethics**

with a consolidated score of **93** %

Online Assignments	25/25	Proctored Exam	67.5/75
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Total number of candidates certified in this course: **1401**

**Jan-Apr 2025**  
(12 week course)

  
**Skill India**  
कौशल भारत - कुशल भारत  
  
  
  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

  
Indian Institute of Technology Kharagpur

  
FREE ONLINE EDUCATION  
swayam  
एकता सर्वोपकारो भवतु

Roll No: NPTEL25MG12S1256300119

To verify the certificate 

No. of credits recommended: 3 or 4



# REPUBLIC Day Celebration

On 26th January 2025, the Department of Computer Science & Engineering (Internet of Things & Cybersecurity, Including Blockchain Technology) at Annasaheb Dange College of Engineering and Technology, Ashta, celebrated the 76th Republic Day of India with immense enthusiasm, patriotic fervor, and a deep sense of national pride. The celebration commenced with the hoisting of the national flag by the dignitaries, accompanied by the soulful rendition of the national anthem, filling the atmosphere with unity and reverence for the country. The department premises were beautifully decorated with tricolor themes, creating a vibrant and inspiring ambiance that reflected the spirit of the occasion.

The event served as a significant platform to honor the Indian Constitution and pay tribute to the sacrifices made by our freedom fighters, visionary leaders, and architects of modern India. It was not only a moment of celebration but also an opportunity to reflect on the values of democracy, justice, liberty, and equality, which form the core of our nation's identity.

The department was greatly honored to welcome Honorable Shri Annasaheb Dange as the Chief Guest, whose gracious presence elevated the significance of the event. In his address, he shared thought-provoking insights on the importance of youth in nation-building and encouraged students to channel their technical knowledge and skills toward the betterment of society. His inspiring words resonated deeply with the audience, leaving a lasting impact on the young minds present.

The celebration also featured a series of engaging activities including patriotic speeches, cultural performances, and musical renditions by students and faculty, which highlighted India's rich heritage and cultural diversity. These performances instilled a renewed sense of patriotism and showcased the creative talents of the department.

The event concluded on a reflective and motivational note, emphasizing the need for every citizen—especially the future technocrats and innovators—to uphold the values enshrined in the Constitution and contribute responsibly and ethically in both their professional and personal lives. The Republic Day celebration was a perfect blend of tradition, emotion, and inspiration, reinforcing the department's commitment to nurturing socially responsible and nationally conscious engineers of tomorrow.



# Industrial Visit - Mahabal Metals Pvt Ltd

MAHABAL  
Group of Industries

On 24th December 2024, the Department of Computer Science & Engineering [Internet of Things & Cybersecurity, Including Blockchain Technology] proudly inaugurated Moodle, a powerful learning management system designed to enhance teaching and learning experiences. This significant milestone underscores the department's commitment to leveraging advanced technology to foster an enriched academic environment.

The inauguration ceremony was graced by the presence of the Executive Director, along with the Head of the Department of Computer Science & Engineering [Internet of Things & Cybersecurity, Including Blockchain Technology], and all the esteemed faculty members of the department. Their collective presence highlighted the importance of this initiative in aligning with modern educational standards.

This initiative is expected to significantly enhance the department's ability to deliver courses in a more flexible and accessible manner, enabling students to engage with course materials and collaborate with peers efficiently. For faculty, Moodle provides tools to streamline content delivery, monitor student progress, and foster an interactive learning environment.

The inauguration of Moodle represents a forward-thinking step by the department, showcasing its dedication to adopting cutting-edge solutions to meet the evolving needs of education. This initiative is poised to empower both faculty and students, fostering a culture of innovation and academic excellence.





# Industrial Visit - Reliance Animation

The department has taken a significant step toward bridging the gap between academia and industry by organizing Expert Lectures featuring renowned industry professionals. This initiative aims to provide students with real-time insights and industry-ready knowledge, equipping them to meet the demands of the ever-evolving professional landscape.

The expert lectures are carefully curated to cover a wide range of topics, including emerging technologies, practical applications, industry trends, and real-world problem-solving techniques. Each session is led by experienced resource persons from the industry, who bring a wealth of practical knowledge and firsthand expertise to the classroom. Through these interactive sessions, students gain valuable exposure to real-world scenarios, understanding how theoretical concepts are applied in professional settings.



# Industrial Visit - IOSCAPE Techno. Ltd.



On 28th April 2025, the Department of Computer Science and Engineering [Internet of Things and Cybersecurity including Blockchain Technology] organized an industrial visit to IOSCAPE Intelitech Private Limited, Sangli, a rising technology company known for its innovative IT solutions and embedded systems development. The visit provided students with valuable insights into the real-world applications of modern technologies, including product design, prototyping, software-hardware integration, and IT service deployment. During the session, the IOSCAPE team shared their expertise and workflow, offering students a glimpse into industry practices, emerging trends, and startup culture in the tech domain. This interaction significantly enhanced the students' understanding of professional environments, bridging the gap between academic learning and industrial implementation.

The visit to IOSCAPE Sangli proved to be an enriching and engaging experience for the students, as they had the opportunity to interact directly with industry professionals and observe live demonstrations of ongoing projects in areas such as IoT device development, web application deployment, and UI/UX prototyping. The team at IOSCAPE emphasized the importance of interdisciplinary skills, teamwork, and innovation in the fast-evolving tech industry. Students also explored the company's development workflow, quality assurance practices, and client engagement strategies. The visit not only broadened their technical knowledge but also inspired many to consider entrepreneurship and product-based careers in the IT and embedded systems sector.





# Industrial Visit - Radio Astronomy Center (RAC)

The Department CSE(IOT-CSBT) organized an industrial visit to the Radio Astronomy Center (RAC), Ooty on 9<sup>th</sup> April 2025 for SY Students. The visit aimed to enhance the practical understanding of radio astronomy and expose students and faculty to large-scale scientific instrumentation and research facilities.

The Radio Astronomy Center is operated by the National Centre for Radio Astrophysics (NCRA) under the Tata Institute of Fundamental Research (TIFR). It is home to the famous Ooty Radio Telescope (ORT) a 530-meter long and 30-meter wide cylindrical parabolic antenna that operates in the meter wavelength range. The telescope is one of the largest and most sensitive radio telescopes in the world operating at low frequencies.

During the visit, the RAC officials provided a detailed overview of the telescope's structure, working principles, and its alignment along the Earth's axis to facilitate tracking of celestial objects. The students gained insights into the data acquisition systems, signal processing techniques, and the role of radio astronomy in understanding cosmic phenomena such as pulsars, galaxies and quasars.



# Expert Lecture Sessions



The department has taken a significant step toward bridging the gap between academia and industry by organizing Expert Lectures featuring renowned industry professionals. This initiative aims to provide students with real-time insights and industry-ready knowledge, equipping them to meet the demands of the ever-evolving professional landscape.

The expert lectures are carefully curated to cover a wide range of topics, including emerging technologies, practical applications, industry trends, and real-world problem-solving techniques. Each session is led by experienced resource persons from the industry, who bring a wealth of practical knowledge and firsthand expertise to the classroom. Through these interactive sessions, students gain valuable exposure to real-world scenarios, understanding how theoretical concepts are applied in professional settings.

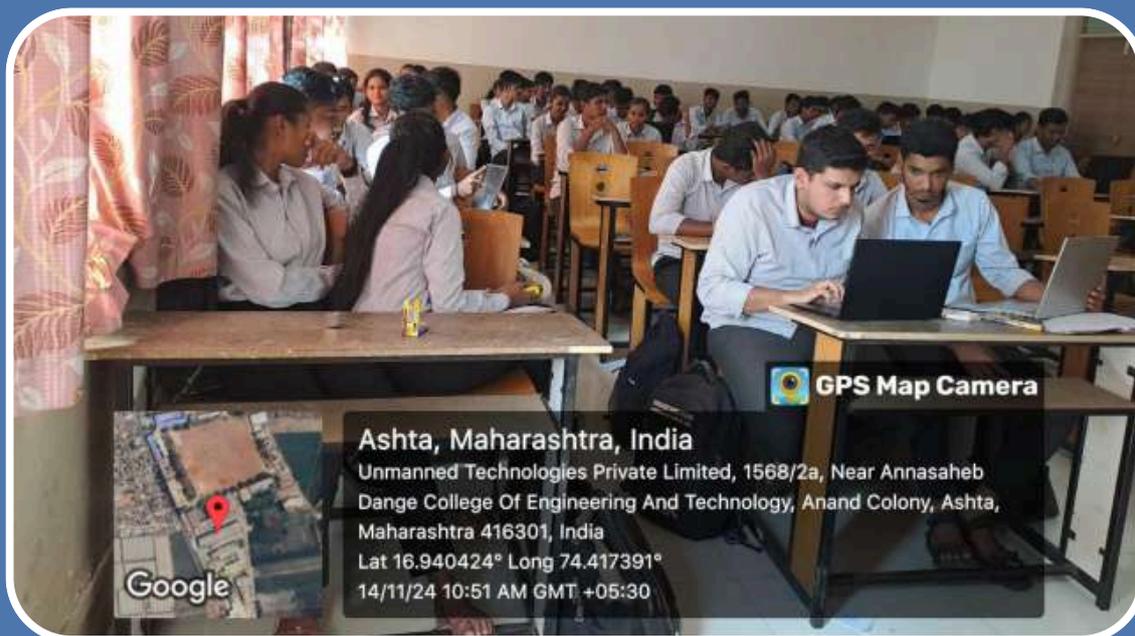




# Innovative Teaching Methods

The institution has taken a progressive step forward by introducing Innovative Teaching Methods, emphasizing Peer-to-Peer Learning as a core strategy to enhance the academic experience. This approach aims to foster a collaborative and inclusive learning environment where students actively engage with one another to share knowledge, solve problems, and build a deeper understanding of their subjects.

Peer-to-peer learning empowers students to take on the roles of both learners and educators. Through interactive sessions, group discussions, and collaborative projects, students are encouraged to exchange ideas and perspectives, reinforcing their understanding while developing critical communication and teamwork skills. This method not only boosts confidence but also helps in addressing diverse learning styles, ensuring that every student benefits from a well-rounded educational experience.



Faculty members act as facilitators, guiding students through structured peer-learning sessions and ensuring that the learning objectives are met. The implementation of this innovative method has already shown promising results in creating a dynamic academic culture, promoting active participation, and fostering a deeper grasp of complex concepts.

# IOTSA Students Association



**Prof. Kumarsagar Dange**  
Committee Head



**Mr. Suraj Patil**  
President



**Mr. Atharv Gavhane**  
Vice President



**Ms. Pranali Zanwar**  
Ladies Representative



**Mr. Omkar Savaratkar**  
Technical Head



**Mr. Prasad Kore**  
Treasurer Head



**Mr. Apurva Jadhav**  
Cultural Head



**Mr. Nilesh Pawar**  
PRO Head



**Mr. Shreyash Patil**  
Sport Head

# Parents Meet

On 10th May 2025, the Department of Computer Science & Engineering [Internet of Things & Cybersecurity, Including Blockchain Technology] successfully conducted a Parents' Meeting, reflecting its commitment to fostering strong communication and collaboration between the department and the parents of its students. The meeting served as a platform to discuss academic progress, departmental initiatives, and opportunities for students' holistic development.



The event brought together parents, faculty members, and departmental authorities to engage in meaningful discussions about the academic and extracurricular performance of students. The active participation of parents highlighted the importance of their involvement in shaping the academic journey and overall growth of their wards.

During the meeting, key highlights included an overview of the department's activities, such as the integration of cutting-edge technologies like IoT, Cybersecurity, and Blockchain Technology into the curriculum. Faculty members shared insights into the various projects and research opportunities available for students, emphasizing the department's focus on providing hands-on learning experiences.



Parents were encouraged to share their feedback and suggestions, which were received with enthusiasm by the faculty. This open dialogue helped identify areas for improvement and reinforced the department's commitment to continuous progress and innovation.

# Mentor-Mentee Meeting



The department has implemented a structured and impactful initiative by conducting Mentor-Mentee Meetings every two weeks. This program aims to strengthen the interaction between mentors and mentees, fostering an environment of support and guidance to address the academic and personal challenges faced by students.

These regular meetings provide mentees with a dedicated platform to openly discuss their difficulties, seek advice, and share their concerns with their assigned mentors. The mentors, consisting of experienced faculty members, offer tailored guidance and solutions, ensuring that each student receives personalized attention and care.

The bi-weekly sessions focus on building a strong rapport between mentors and mentees, enhancing communication, and promoting a sense of trust and belonging within the department. Key objectives include understanding the individual needs of mentees, identifying potential hurdles, and providing actionable solutions to help them overcome challenges and achieve their goals.

By fostering meaningful mentor-mentee interactions, the department underscores its commitment to student well-being and academic success. This initiative not only enhances the overall learning experience but also empowers students to thrive in a supportive and inclusive academic environment.



Third Year Students



Second Year Students



**SkillDzire**  
SWAYAM Plus<sup>+</sup>

# Skill Development Courses



**Dr. Tahseen Mulla**  
Full Stack Java



**Dr. John Henry**  
Internet Of Things



**Dr. Madhav Salunkhe**  
Machine Learning



**Mrs. Prachi Pathak**  
Machine Learning



**Mrs. Madhuri Siddharapu**  
Machine Learning



**Mr. S. Suresh**  
Cyber Security



**Mr. Kumarsagar Dange**  
Embedded System



**Mrs. Amruta Patil**  
Artificial Intelligence



**Miss. Vaishali G. Waghmode**  
Introduction To IOT



**Mr. S. Raddi**  
Artificial Intelligence



**Mr. S. N. Kamble**  
Cyber Security

# Faculty Achievements

- Infosys Generative AI for All
- Edunet FDP Advanced ML using Python with Green Technology
- FDP on Cyber Security
- Zensar Faculty Development Adventure
- Microsoft India FDP on MERN Stack Web Development
- SkillDzire FDP on Full Stack Java
- NCSS National FDP on Cybersecurity'25



Dr. Tahseen Mulla

- NPTEL FDP on Industry 4.0 And Industrial Internet Of Things
- SkillDzire FDP on Internet of Things
- NPTEL FDP on Internet of Things
- SkillDzire FDP on Machine Learning



Prof. M. J. Siddharapu

- NPTEL FDP on Sensors and Actuators
- NPTEL Business Ethics
- NCSS National FDP on Cybersecurity'25
- FDP on Cyber Security



Prof. K. M. Dange

- NXT AI for Students: Build Your Own Generative AI Model
- Edunet FDP Advanced ML using Python with Green Technology
- Effective Research Writing
- NCSS National FDP on Cybersecurity'25
- NPTEL FDP on Cloud Computing
- SkillDzire FDP on Artificial Intelligence



Prof. Amruta Patil

# Faculty Achievements

- NPTEL FDP on ML and Deep Learning
- NPTEL FDP on Accreditation and Outcome based Learning
- IAAPT Membership
- FDP on Cyber Security
- NXT AI for Students
- IAENG Membership
- IAAPT Membership
- Mathworks From Classroom to Cloud
- IEEE FDP on Mastering AI Tools for Faculty Excellence



Prof. Vaishali G. Waghmode

- STTP on Design Thinking and Innovation
- SkillDzire FDP on Machine Learning
- NPTEL FDP on Data Science using Python
- IAAPT Membership
- NCSS Membership
- IAENG Membership
- NPTEL FDP on Accreditation and Outcome based Learning



Dr. M. J. Salunkhe

- NCSS FDP on Cyber Security
- MIET FDP on Cyber Security Threats and Legal Issues



Prof. P. S. Pathak

# Students's Achievements

A passionate and innovative group of students from the Department of Computer Science & Engineering (Internet of Things & Cybersecurity, Including Blockchain Technology) has actively participated in numerous hackathons and competitions at intercollegiate, state, and national levels. Known for their creativity, problem-solving skills, and strong technical expertise, they have consistently secured top ranks in prestigious events, bringing pride and recognition to the department. Their projects focus on real-world problem-solving, leveraging emerging technologies such as IoT, AI, and blockchain to deliver impactful and sustainable solutions. Their achievements serve as a source of inspiration for peers, demonstrating how teamwork, innovation, and dedication lead to excellence.



**SMART INDIA HACKATHON 2024**  
TOP 5 NATIONWIDE FINALIST



**ADCET HACKATHON 2025**  
1ST RANK



**EYIC 2024**  
NATIONWIDE SEMIFINALIST (IIT BOMBAY)



**RIT HACKATHON 2025**  
1ST RANK



**ENERGIZE 2K25**  
WINNER OF MYSTERY UNLOCKED



**PUNEAGRI INTERNATIONAL HACKATHON 2025**  
TOP 5 FINALIST

# Publications & Conferences [Faculty]

## Enhancing Railway Line Safety and Accessibility Using Machine Learning-Based Image Processing

~ Dr. Tahseen Mulla



## Multi-disease Detection using Eye Retinal Images

~ Dr. Tahseen Mulla



## An Intelligent ML-Based Communication System for the Deaf Using Video and Vibration Feedback

~ Dr. Tahseen Mulla



~ Ms Vaishali G Waghmode



## Blockchain Based Decentralized Application Securing Health Records Over the Ethereum Network using IPFS

~ Dr. Tahseen Mulla



~ Mrs Amruta .R .Patil



# Publications & Conferences [Faculty]



## HEART DISEASE SEGMENTATION AND CLASSIFICATION USING 3D CT IMAGE RECONSTRUCTION: A COMPREHENSIVE REVIEW

~ Mr. Kumarsagar .M .Dange

## Helmet Detection and Alert System for Institution

~ Mr. Kumarsagar .M .Dange



## AI-Enhanced Analysis of Transformational Leadership's Impact on CSR Participation.

~ Dr. Madhav Salunkhe

## Quantum Enhanced Iris Biometrics Advancing Privacy and Security in Healthcare Systems.

~ Dr. Madhav Salunkhe



# Publications & Conferences [Faculty]

## Machine Learning for Cardiovascular Disease Prediction: A comparative Analysis of Models.

~ Dr. Madhav Salunkhe



## Machine Learning Approach To Object Detection For Free Path Navigation

~ Mrs. Madhuri J Siddharapu



~ Ms Vaishali G Waghmode



## IoT- Enabled Smart Parking System with Real-Time Image Processing and Mobile Integration Using Raspberry Pi

~ Mrs. Madhuri J Siddharapu



## Blockchain Based Decentralized Application Securing Health Records Over the Ethereum Network using IPFS

~ Mr. Samish N Kamble



# Journals [Faculty]



## **An Exhaustive Survey on Privacy Preserving Machine Learning using Homomorphic Encryption & Secure Multiparty Computation Techniques**

~ Dr. Tahseen Mulla

## **Early detection on Multi-Class Alzheimer's disease using Hybrid capsule auto encoder model**



~ Dr. Tahseen Mulla

# Patents



**AI Based Cervical Cancer Screening Device**  
**Indian Patent – Design No – 419825-001**

~ Dr. Tahseen Mulla

**Empowering Energy Efficiency:  
IOT Driven Smart Meter Data Analysis with  
Machine Learning for Precise Energy  
Consumption Prediction**



~ Mrs. Madhuri J Siddharapu

**Intelligent Image based waste Segregation system  
using advance machine learning techniques**



**Dr. Madhav  
Salunkhe**



**Mrs Amruta  
R. Patil**



**Miss Vaishali G.  
Waghmode**



**Mr. Samish  
N. Kamble**



**Mrs. Madhuri J  
Siddharapu**



**Mr. Kumarsagar  
Dange**

# Patents

## Modular IoT-controlled lighting system for Energy Efficient Smart Homes and Offices



Dr. Madhav Salunkhe



Ms Vaishali G Waghmode



## System and Method for Secure Authentication and Authorization using AI- Based Behavioural Biometrics

~ Mrs. Prachi S. Pathak

## MI Based Network Security Device



~ Mr Samish N Kamble

## Electricity Theft Cyber Attack Detection and Prediction for Future IOT- Based Smart Electric Meters



Dr. Tahseen Mulla



Dr. Madhav Salunkhe



Mr. Kumarsagar Dange

MACHINE  
LEARNING

# Internship-cum-Certification course

The Department of Computer Science and Engineering [Internet of Things and Cyber Security including Blockchain Technology], Annasaheb Dange College of Engineering and Technology, Ashta, organized an Internship-cum-Certification Course on “Machine Learning using Python” from 16th June to 4th July, 2025. Conducted in online mode via MS Teams, the program witnessed active participation from 78 students. The course was coordinated by Dr. Tahseen Mulla (Associate Professor & Head) under the guidance of Dr. L. Y. Waghmode (Director, ADCET), Dr. S. S. Mohite (Registrar), and Dr. Gopinath S. (Dean Academics).

The curriculum was thoughtfully designed to provide participants with both fundamental and advanced knowledge. It began with Python basics and gradually expanded into supervised learning, unsupervised learning, reinforcement learning, and neural networks, ensuring a complete learning experience. Each session combined conceptual clarity with practical demonstrations, enabling participants to apply machine learning techniques in real-world scenarios.

Sant Dnyaneshwar Shikshan Sanstha's  
**ANNA SAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA**  
 (An Empowered Autonomous Institute)

Department of Computer Science & Engineering  
 (Internet of Things and Cyber Security including Blockchain Technology)  
 Organizes

A Certification Course on  
**Machine Learning using Python**

16<sup>th</sup> June to 4<sup>th</sup> July, 2025




**Dr. Tahseen Mulla**  
 Associate Professor & Head

Online via MICROSOFT TEAMS  
 Scan to Play  
 Scan to Register

**Dr. Gopinath S.** | **Dr. S. S. Mohite** | **Dr. L. Y. Waghmode**  
 Dean Academics | Registrar | Director

Sant Dnyaneshwar Shikshan Sanstha's  
**ANNA SAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA**  
 DIST: SANGLI, MAHARASHTRA - 416301  
 [AN EMPOWERED AUTONOMOUS INSTITUTE, AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR]  
 Approved by AICTE, New Delhi & Govt. of Maharashtra

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 INTERNET OF THINGS AND CYBERSECURITY INCLUDING BLOCK CHAIN TECHNOLOGY

**CERTIFICATE**

This certifies that  
**TANVI PRAKASH PATIL**  
 has successfully completed the Internship-cum-Certification course on  
**"Machine Learning using Python"**

Organized by Department of Computer Science and Engineering [Internet of Things of Cybersecurity including Blockchain Technology] from 16<sup>th</sup> June, 2025 to 4<sup>th</sup> July, 2025

Test-1 (25)	Test-2 (25)	End Exam (50)	Total Marks (100)
23.00	20.17	46.75	91.92

Dr. Tahseen A. Mulla  
 Course Coordinator & Head of Department  
 (CSE [IIT & CSBT])

Dr. Gopinath S.  
 Dean Academics  
 ADCET, Ashta

Dr. L. Y. Waghmode  
 Director  
 ADCET, Ashta

Certificate ID: CC/24-25/CERT/049

Sant Dnyaneshwar Shikshan Sanstha's  
**ANNA SAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA**  
 DIST: SANGLI, MAHARASHTRA - 416301  
 [AN EMPOWERED AUTONOMOUS INSTITUTE, AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR]  
 Approved by AICTE, New Delhi & Govt. of Maharashtra

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 INTERNET OF THINGS AND CYBERSECURITY INCLUDING BLOCK CHAIN TECHNOLOGY

**CERTIFICATE**

This certifies that  
**MAHEK SHAKIL SHIKALGAR**  
 has successfully completed the Internship-cum-Certification course on  
**"Machine Learning using Python"**

Organized by Department of Computer Science and Engineering [Internet of Things of Cybersecurity including Blockchain Technology] from 16<sup>th</sup> June, 2025 to 4<sup>th</sup> July, 2025

Test-1 (25)	Test-2 (25)	End Exam (50)	Total Marks (100)
22.50	24.67	49.87	96.84

Dr. Tahseen A. Mulla  
 Course Coordinator & Head of Department  
 (CSE [IIT & CSBT])

Dr. Gopinath S.  
 Dean Academics  
 ADCET, Ashta

Dr. L. Y. Waghmode  
 Director  
 ADCET, Ashta

Certificate ID: CC/24-25/CERT/008

# Jidnyasa 2k25



The Department of Computer Science and Engineering [Internet of Things and Cybersecurity including Blockchain Technology] at Annasaheb Dange College of Engineering and Technology, Ashta, proudly hosted its flagship annual technical event “जिज्ञासा (Jidnyasa) 2025” on 7th May 2025, a celebration of innovation, creativity, and technical excellence. Designed to nurture curiosity and provide a platform for students to showcase their skills, the event featured a diverse range of activities including SimuliT (embedded systems simulation workshop and competition), ProtoVerse (innovative project and prototype exhibition), NeoNirman (business idea presentation), Deadshot (online FPS gaming challenge), and Circle Cricket (indoor cricket competition with a unique circular format). With an overwhelming total of 453 registrations, the event witnessed enthusiastic participation and vibrant engagement from students across the department. The inaugural ceremony was graced by esteemed guests Mr. Sagar Nalavade (Managing Director, Shree Kedar Metals), Mr. Swapnil Patil (Managing Director, PK Industries), and Mr. Shubham Ghatge (Owner, KGM Fertilizers & Agrotech Pvt. Ltd.), whose inspiring words motivated participants to think innovatively and work towards impactful solutions. The program was executed under the able guidance of Faculty Coordinator Prof. K. M. Dange and the visionary leadership of Dr. Tahseen A. Mulla, Head of Department. Student Coordinators Vishwajit Bavadhankar and Suhani Patil played a pivotal role in managing the various competitions and ensuring seamless execution with the help of a dedicated volunteer team. The event not only provided a competitive yet collaborative platform for students but also reflected the department’s commitment to bridging academic learning with practical applications, ultimately fostering the next generation of innovators and problem-solvers.

**ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA**  
(An Empowered Autonomous Institute)

Organized by Department of Computer Science & Engineering (Internet of Things & Cyber Security including Blockchain Technology) under IOT Student Association State Level Event

**जिज्ञासा 2025**  
07<sup>th</sup> May, 2025

Prize Pool ₹25,000/-

**SimuliT**  
Team Size: 1 to 2 Members | Entry Fee: ₹500/- Per Person  
Put your logic to the test by building real-world application simulations.  
Faculty Coordinator: Mr. Sagar Nalavade: 9822990055

**NeoNirmaan**  
Team Size: 1 to 2 Members | Entry Fee: ₹500/- Per Person  
Put your startup idea forward and present your business vision to the world.  
Faculty Coordinator: Mr. Swapnil Patil: 9822990055

**ProtoVerse**  
Team Size: 2 to 3 Members | Entry Fee: ₹500/- Per Person  
Display your innovation. Let your prototypes speak creativity and technical skills.  
Faculty Coordinator: Mr. Shubham Ghatge: 9822990055

**CircleCricket**  
Team Size: 8 Members | Entry Fee: ₹500/- Per team  
A fun twist on cricket! Show off your team spirit and sports skills.  
Faculty Coordinator: Mr. Sagar Nalavade: 9822990055

**DeadShot**  
Team Size: 2 to 3 Members | Entry Fee: ₹100/- Per person  
Put your gaming skills to the test in this high-intensity shooting competition.  
Faculty Coordinator: Mr. Sagar Nalavade: 9822990055

Student Co-ordinators: Mr. Vishwajit Bavadhankar: 9822517177, Miss. Suhani Patil: 9325804867

Venue: Computer Science & Engineering, Internet of Things & Cyber Security including Blockchain Technology

Sponsors: [Logos of various sponsors]

Faculty: Mr. K. M. Dange (Dean Convener), Dr. T. A. Mulla (Dean Academics), Dr. S. S. Mohite (Registrar), Dr. L. Y. Waghmode (Director), Prof. R. A. Kanai (Executive Director), Hon. Vishwanath Dange (Joint Secretary), Hon. Rajendra Dange (Secretary)

# Jidnyasa 2k25

under  
IoT Student Association  
**जिज्ञासा**  
2025  
07<sup>th</sup> May, 2025



The Department organized जिज्ञासा (Jidnyasa) 2025 on 7th May 2025, featuring events like SimuliT, ProtoVerse, NeoNirman, Deadshot, and Circle Cricket, with registrations. The event was inaugurated by Dr. L. Y. Waghmode, Director of ADCET, through the ceremonial lamp lighting, followed by an inspiring address highlighting the role of curiosity and innovation in technical education. Coordinated by Prof. K. M. Dange under the guidance of Dr. Tahseen A. Mulla, the event successfully fostered creativity, technical excellence, and collaborative learning.

The concluding session of “जिज्ञासा (Jidnyasa) 2025” featured a grand prize distribution ceremony, graced by distinguished guests Mr. Sagar Nalavade (Managing Director, Shree Kedar Metals), Mr. Swapnil Patil (Managing Director, PK Industries), and Mr. Shubham Ghatge (Owner, KGM Fertilizers & Agrotech Pvt. Ltd.), along with Dr. L. Y. Waghmode (Director, ADCET) and Dr. Tahseen A. Mulla (Head of Department).



**The Department extends heartfelt gratitude to Faculty Coordinator Prof. K. M. Dange, Student Coordinators Vishwajit Bavadhankar and Suhani Patil, all event coordinators, volunteers, faculty members, non-teaching staff, and the organizing committee for their tireless efforts and dedication. Their teamwork, planning, and commitment were instrumental in making “जिज्ञासा (Jidnyasa) 2025” a grand success.**

# ADCET Hackathon 2025



## TEAM ECOSTREAM PIONEERS

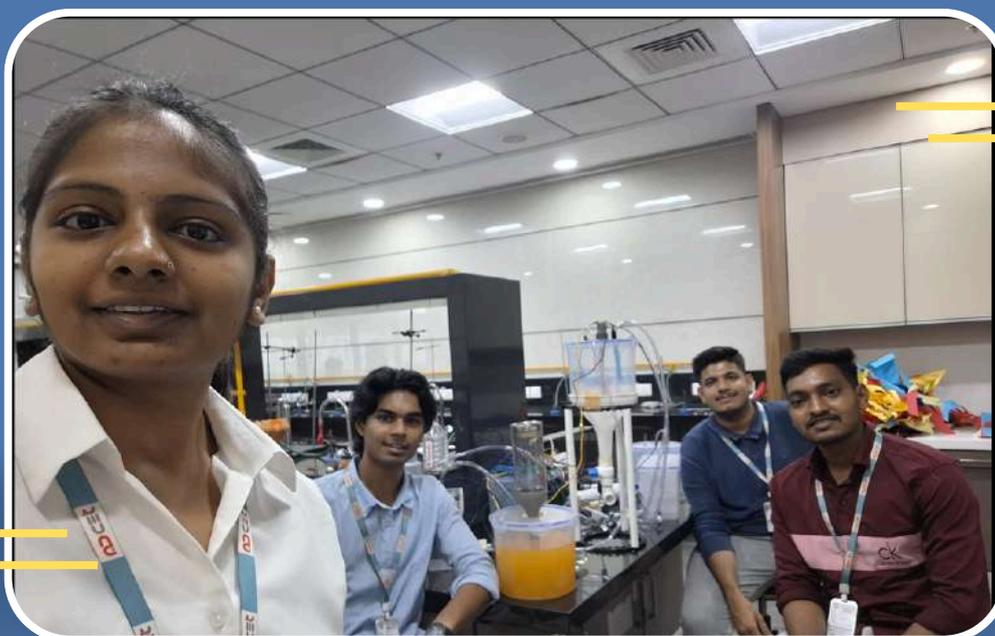
We are delighted to share that our team achieved First Prize along with a cash award of ₹50,000 at the prestigious ADCET Hackathon, a highly competitive regional-level event aimed at driving sustainable innovation through technology. The competition brought together some of the brightest minds from various institutions, all working to develop practical, impactful solutions for real-world challenges. Our project addressed the critical issue of greywater recycling, presenting an intelligent system that combined smart sensing technologies with modular water treatment units to enable efficient, automated purification and reuse of domestic wastewater. Designed with a focus on affordability, scalability, and adaptability, the solution can be implemented in smart cities, semi-urban areas, and community-scale infrastructures to significantly reduce water wastage and enhance sustainable resource management. The modular design ensures easy maintenance and expansion, while the smart sensing system optimizes the treatment process in real time, reducing operational costs and improving water quality. Our innovation was praised by the jury for its feasibility, environmental impact, and potential for widespread adoption, setting a strong example of how engineering ingenuity can directly contribute to environmental conservation and urban sustainability. Winning this award not only validated our technical approach but also strengthened our commitment to developing solutions that address pressing global challenges.



e-yantra.org

## eYIC 2024 [IIT Bombay]

A team from our department proudly qualified as a Nationwide Semifinalist in the prestigious e-Yantra Innovation Challenge (eYIC), organized by IIT Bombay under the Ministry of Education's Innovation Cell. This highly competitive platform brought together top-performing teams from across India, all driven by a shared vision of applying technology to solve pressing real-world challenges. Representing our department on this national stage, the team showcased exceptional technical proficiency by developing innovative solutions using embedded systems, IoT, and automation technologies. Their project not only demonstrated engineering skill but also reflected creativity, scalability, and practical applicability in addressing real-world problems. Participation in eYIC provided them with a unique opportunity to engage deeply with a research-driven innovation ecosystem, gain mentorship from IIT Bombay experts, and collaborate with like-minded innovators from diverse technical backgrounds. Through this experience, the team sharpened their design thinking, prototyping, and interdisciplinary problem-solving skills, while also gaining a deeper understanding of how academic concepts can be transformed into impactful, real-world technological solutions. This achievement stands as a testament to our department's commitment to nurturing talent, fostering innovation, and empowering students to compete at the highest national levels.



**TEAM ECOSTREAM PIONEERS**

# PuneAgri International Hackathon 2025



A team from our department earned the distinction of being recognized as a Top 5 Finalist at the prestigious PuneAgri International Hackathon 2025, an international platform dedicated to fostering innovations in the field of agriculture. Competing against skilled participants from across the globe, the team excelled in the category of Soil/Water Conservation, Irrigation, and Soil Health Management, presenting a sustainable, scalable, and practical solution aimed at improving resource efficiency in agricultural operations. Their innovation focused on integrating smart sensing, data-driven decision-making, and environmentally conscious techniques to enhance irrigation practices, conserve water, and improve soil health. By leveraging modern agricultural technologies, the solution addressed key challenges faced by farmers while ensuring eco-friendly, cost-effective, and adaptable implementation for both small-scale and large-scale farming. The project was highly appreciated by the judges for its technical feasibility, environmental impact, and potential to drive sustainable change in the agricultural sector.

Beyond the competition itself, this achievement reflects the department's growing expertise and commitment to developing technology-enabled solutions for sustainable agriculture—a sector that remains at the heart of India's economy.





# RIT Hackathon 2025

A team from our department proudly secured the First Prize at the RIT Hackathon 2025 for developing a groundbreaking system that generates electricity from food and fruit waste using an innovative bio-electrochemical approach. This unique solution harnesses the natural decomposition process of organic matter to produce clean energy, effectively transforming everyday waste into a valuable power source. Designed to be sustainable, affordable, and easy to implement, the system addresses two major challenges—renewable energy generation and waste management—in a single, integrated framework. Its low-cost setup makes it particularly suitable for adoption in semi-urban and rural communities, where access to sustainable energy and effective waste disposal solutions is often limited.

The project stood out among competitors for its creative application of scientific principles, practical feasibility, and significant environmental impact. Judges commended the team for its innovative thinking, clear technical execution, and the potential of the solution to contribute to clean energy initiatives and circular economy practices. This achievement reinforces the department’s commitment to fostering innovation-driven engineering that not only solves technical problems but also delivers tangible social and environmental benefits.



# Placements 2024-25



Mr. Yuvraj Rasal



Ms. Sakshi Jangam



Mr. Akshay Pawar



Ms. Pooja Mohite



Ms. Harshada Patil



Mr. Aditya Sangle



Ms. Akansha Pise



Mr. Akshay Patil



Ms. Anushka Patil



Mr. Nilesh Pawar



Mr. Mohammedqais Datture



Mr. Apurva Jadhav



Mr. Akshay Pawar



Mr. Omkar Jadhav



Mr. Rutvik Gurraki

# Placements 2024-25



Mr. Aditya Pandav



Mr. Rutwik Guraik



Ms. Sakshi Mhetre



Ms. Sakshi Mhetre



Ms. Eshita Patil



Mr. Rajesh Jondhale



## Internships [Final Year]



Mr. Aditya Sangle



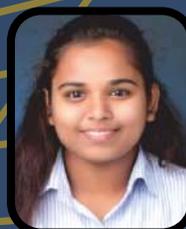
Mr. Nilesh Pawar



Mr. Prajyot Patil



Ms. Shital Shinde



Ms. Shruti Suryavanshi



Mr. Sakshit Koshti



Mr. Advait Zende



Mr. Pratham Kumbhar



Ms. Sakshi Mane



Ms. Ankita Gavade

# WORD OF THANKS

“We extend our heartfelt gratitude to the management of Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, for their unwavering support and vision that empowers our department to achieve excellence. A special thanks to our dedicated faculty members and staff, whose tireless efforts and innovative approaches inspire and guide our students toward success. We also commend our students for their exceptional achievements and contributions, be it in academics, national-level events, or extracurricular activities, which continually elevate our department's reputation. Additionally, we acknowledge the invaluable support of our alumni and industry partners, whose collaborations enrich our programs and provide students with real-world exposure. Together, let us continue to strive for greater heights and uphold the spirit of innovation and excellence that defines our department. Thank you for being an integral part of our journey.”



Warm regards,  
Computer Science & Engineering ( Internet Of Things & Cybersecurity including  
Blockchain Technology )



Department of

# COMPUTER SCIENCE & ENGINEERING

**INTERNET OF THINGS &  
CYBERSECURITY INCLUDING BLOCKCHAIN TECHNOLOGY**

**AY 2024-25**

**EVEN SEMESTER**



Sant Dnyaneshwar Shikshan Sanstha's

**ANNA SAHEB DANGE COLLEGE  
OF ENGINEERING AND TECHNOLOGY, ASHTA**  
(An Empowered Autonomous Institute)

