



Sau Sundarbai Manik



DSUL

Polytechnic Ahilyanagar



2025-26
COMPUTER
DEPARTMENT
EXPLORING A NEW WORLD

Computer Engineering Department

Vision



To be a most preferred Rural Technical Campus in the region by creating competent multifaceted Engineers and Professionals ready to serve the industry and society at large.

Mission



" To establish state-of-the-art facilities and create a conducive environment for transforming the rural minds into competent, skilled, professional, researchers, technically sound, innovative aptitude, and ethics through value-based education to develop the nation for global competitiveness."

Program Outcomes (POS)

PO1: Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering

PO2: Problem Analysis: Identify and analyze well-defined engineering problems using codified standard methods.

PO3: Design/ Development of Solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO4: Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and



PO 5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices

PO 6. Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and

PO7: Life-long learning: Ability to analyze individual needs and engage in updating in the context of technological changes.

Program Educational Objectives (PEOs)

01

PEOs1: Provides socially responsible, environment friendly board-base solutions to computer engineering related problems adapting professional ethics.

02

PEO2: Adapt state of the art Computer engineering broad based technologies to work in multi-disciplinary work environment.

03

PEO3: Solve broad based problems individually and as a team member communicating effectively in the world of work

From Chairman's Desk



Prof. Anirudha M. Adsul

Chairman

Sakeshwar Gramin Vikas Seva Sanstha

It is my pleasure to introduce one of the best technological Institutes of Maharashtra, Adsul's Group of Institutions, established in 2011. At present SAU. SUNDARBAI MANIK ADSUL POLYTECHNIC Technical Campus, Ahmednagar is offering undergraduate program (B.E) and post graduate program (M.B.A). The institute has state-of-art laboratories, in each department. Qualified and Experienced faculties are with us and they work together to access the newest trends in learning so as to impart quality education to our students. Our students gain skills that prepare them to assume leadership role in the engineering fields. We do not confine our students within the bookish knowledge. They are encouraged to participate in extra-curricular activities. We sharpen their intellectuals through the personality development program. Apart from academic activities, the co-curricular activities, sports, adventure, cultural and social- service activities, form important parts of the life of the students. This importance is well indicated in the spread of facilities at the Sau. Sundarbai Manik Adsul Polytechnic. All undergraduate, postgraduates' students reside on the campus and thereby get full opportunity to participate in co-curricular and extra-curricular activities leading to a holistic personality development. With all the faculty members also residing on the campus, there is unique, close and family – like relationship between students and teachers. I wish the Institute all the success.

From Principal's Desk



Prof. Gadakh R.S.

Principal

Sau Sundarbai Manik Adsul Polytechnic

I welcome you all to the Sau. Sundarbai Manik Adsul Polytechnic, Ahmednagar, established in 2011. This institute is offering diploma program.

This institute has been established for students from rural as well as urban areas. Our institute maintains a conducive atmosphere for studies by providing the facilities like highly qualified faculty, well-equipped laboratories, library and modern infrastructure to provide high quality education to the students. We are also committed to a very good quality of teaching-learning process with having maintained high grade discipline among the staff and students.

Uniqueness of our institute is to provide the best platforms to budding engineers from rural backgrounds to acquire technical knowledge, motor skills and soft skills which are the utmost demands of the industry. We are committed to connecting rural students to the world. MOUs have been signed with reputed organizations to provide learning of the latest technologies through extensive courses.

Our goal is to impart a caring, nurturing culture that recognizes the various aspects of each student and encourages them to bloom to their fullest with confidence. We also pay attention towards development of our students at different levels by the proper encouragement, guidance, support and generation of in-house resources for sports, cultural activities, etc

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MESSAGES

Prof HOLE P.P

HOD Computer Department



Welcome to the Department of Computer Engineering, SS MAP. It gives me an immense pleasure to express my views towards the development of Computer Engineering Department. Besides a very strong and disciplined Academics, Department has started various practices. Students are having enormous talents and creativity which are being explored by extra co-curricular activities like Group Discussion, debate, Extempore, Programming contests, project competition etc. The excellent infrastructure, teaching faculty of the best kind of the Department ensuring quality education such as interaction among students, parents and staff, along with a Training and Placement Cell ensures a bright future to its students. Lastly, I congratulate the creative and sincere efforts taken by my faculty members and students for the achievement of Computer Department and I wish all of them a great success in their bright future...

Prof Palwe P.D.



Faculty Computer Department

Education is not only about acquiring knowledge but also about developing character, creativity, and confidence. Our institute continuously strives to provide a supportive learning environment where students can grow academically as well as personally.

I am proud to see our students actively participating in academics, technical activities, cultural events, and social initiatives. Such experiences help them become responsible individuals and skilled professionals ready to face future challenges.

I appreciate the efforts of all students and faculty members who contributed to this magazine. This publication reflects the creativity, talent, and dedication present in our institute.

I wish all students great success in their future endeavors and encourage them to continue learning, exploring, and achieving excellence.

Prof Padir J.D.

Faculty Computer
Department



It gives me immense pleasure to be a part of an institution that focuses on quality education and holistic development of students. Education plays a vital role in shaping not only careers but also values, responsibility, and lifelong learning habits.

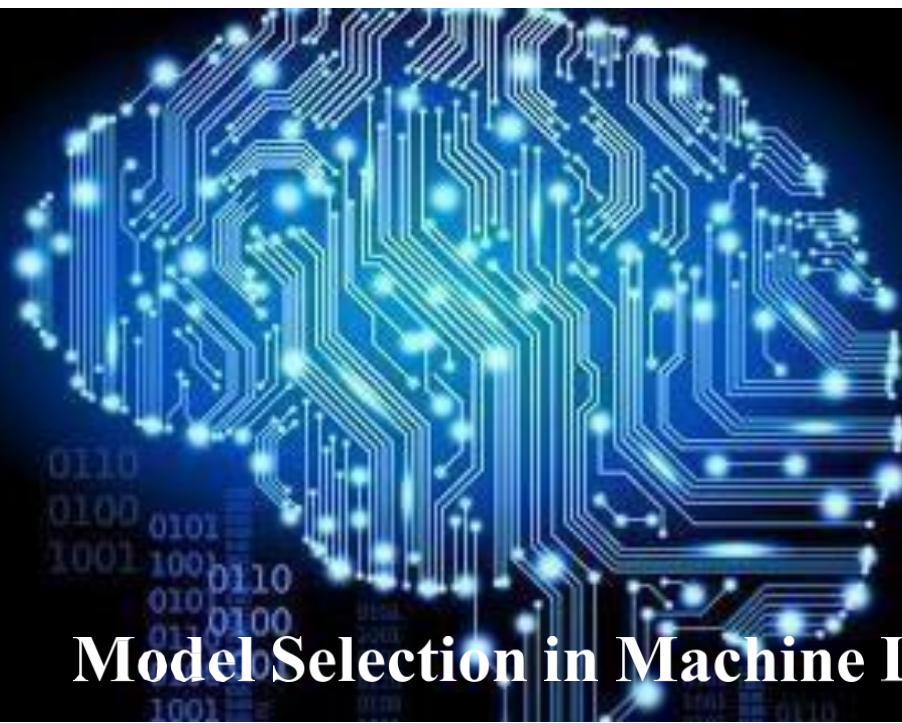
Our students continue to inspire us through their enthusiasm, innovation, and dedication towards academic and co-curricular activities. This magazine is a wonderful platform that showcases their creativity, knowledge, and achievements.

I congratulate all the students and faculty members who have worked hard to make this publication successful. May this magazine motivate everyone to express ideas, share knowledge, and continue striving for excellence.

I wish all students a bright future filled with success and opportunities.



FACULTY ARTICLE



Model Selection in Machine Learning

Machine Learning has become one of the most powerful technologies of the modern digital era. From recommendation systems and medical diagnosis to self-driving cars and virtual assistants, machine learning models help computers learn from data and make intelligent decisions. However, building a machine learning system does not end with collecting data or training a model. One of the most important steps is model selection — choosing the most suitable algorithm for a specific problem.

What is Model Selection?

Model selection is the process of choosing the best machine learning model from a set of candidate models based on their performance. Different models learn patterns differently, and no single model works best for every dataset. The goal is to find a model that provides accurate predictions while for a job. Just as a screwdriver cannot replace a hammer, a machine learning algorithm must match the nature of the problem.

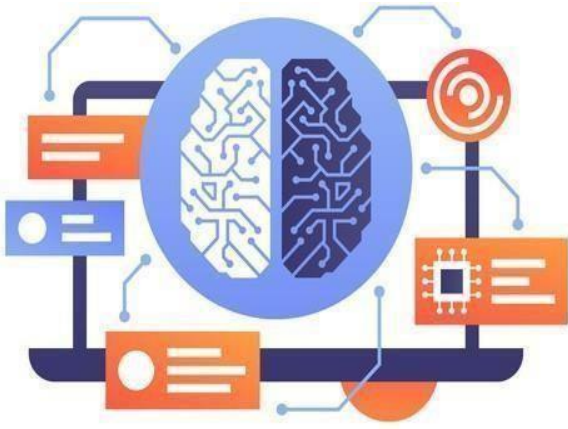
Why is Model Selection Important?

Selecting the correct model is essential because:

- It improves prediction accuracy.
- It prevents overfitting and underfitting.
- It reduces computational cost.
- It ensures reliable real-world performance.

Types of Machine Learning Models

- Linear Regression – Used for predicting continuous values.
- Logistic Regression – Used for classification problems.
- Decision Trees – Easy to understand and interpret.
- Support Vector Machines (SVM) – Effective for complex datasets.
- Random Forest – Combines multiple decision trees for better accuracy.



Overfitting vs Underfitting

A key challenge in model selection is balancing learning:

- Overfitting: Model memorizes training data but performs poorly on new data.
- Underfitting: Model is too simple to learn patterns properly.

Future of Model Selection

With advancements in Artificial Intelligence, automated techniques like AutoML are emerging, where systems automatically test multiple models and choose the best one. This reduces human effort and accelerates AI development.



Role of Computer Technology in Modern Education

By Prof Bhagwat R.R – Computer Department

In today's digital era, computer technology has become an essential part of education and daily life. The Computer Department plays a significant role in preparing students with technical knowledge, practical skills, and innovative thinking required to succeed in the modern world.

Computers have transformed the way we learn, communicate, and solve problems. From online learning platforms to software development and artificial intelligence, technology has created countless opportunities for students to explore new ideas and build successful careers. The Computer Department aims to provide strong foundations in programming, networking, databases, cybersecurity, and emerging technologies.

Apart from theoretical knowledge, practical learning is equally important. Through laboratory sessions, projects, workshops, and technical events, students gain hands-on experience that enhances their problem-solving abilities and creativity. Such activities help students understand real-world applications of technology.



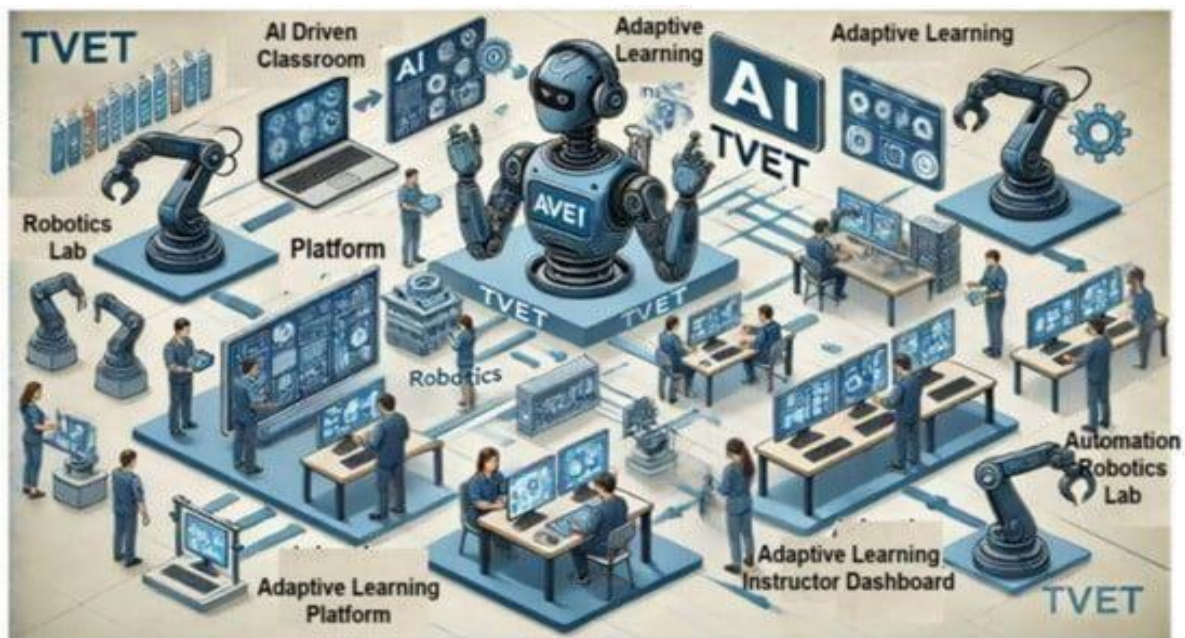
Emerging Trends in Technology: Shaping the Future

Prof Edake P.S – Computer Department

Technology is evolving at an extraordinary pace, transforming industries, education systems, and everyday life. Emerging technologies are not only changing how we work but also redefining the skills required for future professionals. For students in the Computer Department, understanding these trends is essential to remain competitive in the digital era.

One of the most influential advancements is Artificial Intelligence (AI) and Machine Learning (ML). These technologies enable computers to learn from data and make intelligent decisions. From virtual assistants and recommendation systems to healthcare diagnostics and smart automation, AI is becoming an integral part of modern society.

Another important trend is Cloud Computing, which allows organizations to store and access data over the internet instead of local systems. Cloud platforms provide scalability, flexibility, and cost efficiency, making them widely used in businesses and startups. Students must develop skills in cloud services to meet industry demands.



Building Future Engineers Through Practical Learning

Prof Waman A.V – Computer Department

In the rapidly advancing world of technology, theoretical knowledge alone is no longer sufficient to prepare students for industry challenges. Practical learning has become an essential component of technical education, especially in the field of computer engineering.

The Computer Department focuses on developing skills that go beyond textbooks. Through programming laboratories, mini-projects, workshops, and technical competitions, students gain hands-on experience that strengthens their understanding of real-world applications. Practical exposure helps students improve logical thinking, debugging skills, and problem-solving abilities — qualities highly valued in the IT industry.

Modern software development requires collaboration, creativity, and continuous learning. Students are encouraged to work in teams, participate in hackathons, and explore open-source technologies. These activities not only enhance technical expertise but also build communication and leadership skills.

With the emergence of technologies such as Artificial Intelligence, Data Science, Cloud Computing, and Cybersecurity, students must adapt to lifelong learning. The role of faculty is to guide students toward curiosity, innovation, and ethical use of technology.



Importance of Programming Skills in the Digital Era

Prof Shinde S. P. – Computer Department

In today's technology-driven world, programming has become one of the most essential skills for students pursuing computer education. Programming is not just about writing code; it is a way of thinking logically, solving problems efficiently, and creating innovative solutions for real-life challenges.

The Computer Department plays a vital role in helping students understand programming concepts from basic to advanced levels. Languages such as C, C++, Python, and Java provide students with a strong foundation in algorithm development and software design. Learning programming enhances analytical thinking and improves the ability to approach complex problems systematically.

With the growth of software development, mobile applications, web technologies, and automation, programming skills have opened numerous career opportunities. Industries today require professionals who can adapt quickly to new technologies and continuously upgrade their knowledge.




Cloud Computing and AWS: Transforming the Future of Technology

By Prof Jadhav S.V – Computer Department

In today's digital era, cloud computing has become the backbone of modern technology. Instead of storing data and running applications on personal computers or local servers, organizations now use cloud platforms to access resources anytime and anywhere through the internet. This transformation has made technology faster, scalable, and cost-effective.

One of the leading cloud service providers is Amazon Web Services (AWS). AWS offers a wide range of services including computing power, storage solutions, databases, artificial intelligence, and cybersecurity tools. Businesses—from startups to global enterprises—use AWS to build reliable and secure applications without investing heavily in physical infrastructure.

For students of Computer Science and Engineering, learning cloud computing and AWS opens doors to exciting career opportunities such as Cloud Engineer, DevOps Engineer, and Solutions Architect. Hands-on experience with cloud platforms helps students understand real-world industry practices and enhances problem-solving skills.

A hand is shown from the bottom left, holding a glowing, semi-transparent globe. The globe features a white outline of the world's continents and is overlaid with a network of white lines and dots, some of which are highlighted with orange spheres. The background is a dark blue gradient with scattered white and orange light spots. The text 'STUDENTS ARTICLES' is centered over the globe in a large, white, serif font.

STUDENTS ARTICLES



VIRTUAL ASSISTANT USING AI

Artificial Intelligence (AI) has transformed the way humans interact with technology, and virtual assistants are one of its most exciting innovations. Virtual assistants are AI-powered software programs that understand voice or text commands and help users perform daily tasks efficiently.

Popular virtual assistants such as Google Assistant, Amazon Alexa, and Apple Siri can set reminders, answer questions, control smart devices, and even provide personalized recommendations. Using technologies like Natural Language Processing (NLP) and Machine Learning, these assistants continuously learn from user interactions to improve accuracy and performance.

For students, virtual assistants simplify everyday activities such as scheduling study time, searching information instantly, and managing productivity. In industries, they enhance customer support through chatbots and automated services.

As AI continues to evolve, virtual assistants are becoming smarter, faster, and more human-like. They represent a future where technology understands human needs and makes life more convenient, connected, and intelligent.

Real-World Example of Virtual Assistant

A common real-world example of a virtual assistant is Google Assistant used on smartphones. Students can simply say, —Hey Google, set a reminder for my assignment submission at 8 PM, and the assistant automatically creates a reminder. It can also help in searching study materials, checking weather updates before college, translating languages, or navigating routes using voice commands.



Journey of a Third-Year Computer Engineering Student

The third year of Computer Engineering is a turning point in every student's academic journey. It is the phase where theoretical knowledge begins to connect with real-world applications. Subjects like Artificial Intelligence, Web Development, Cloud Computing, and Cyber Security introduce us to modern technologies that shape today's digital world.

Unlike earlier years, third year focuses more on practical learning through projects, internships, and teamwork. Developing mini-projects, participating in technical events, and solving real-life problems help us improve programming skills as well as creativity and logical thinking.

As technology evolves rapidly, students must go beyond textbooks by exploring online platforms, certifications, and hands-on practice. Challenges faced during coding errors, debugging, and project development ultimately build confidence and problem-solving ability. The journey of a third-year computer student is not just about learning technology—it is about preparing for future careers, innovation, and becoming responsible engineers ready to contribute to society.

~Shweta Bhagwat TYCO



शब्द कमी पडतात बाबा, तुमच्या
प्रेमाची व्याख्या करायला,
कडक स्वभावाच्या आड दडलेलं
मुलांसाठीचं कोमल मन
समजायला.

स्वतःच्या स्वप्नांना बाजूला ठेवून
आमची स्वप्नं पूर्ण करत राहिलात,
थकवा, चिंता मनात ठेवूनही नेहमी
हसत जगायला शिकवलंत.

तुमच्या कष्टांच्या सावलीत आमचं
आयुष्य फुलत गेलं,
तुमच्या मार्गदर्शनामुळेच प्रत्येक
पाऊल मजबूत झालं.

बोलून नाही दाखवलंत कधी, पण
प्रेम मात्र अपार दिलंत,
आयुष्यभर आधार बनून नेहमी
आमच्या पाठीशी उभं राहिलंत.

बाबा, तुम्ही आहात म्हणूनच आमचं
जग सुंदर आहे,
तुमच्या आशीर्वादानेच प्रत्येक
स्वप्न पूर्ण होणार आहे.



Composition on auto driving vehicle

Autonomous Driving Vehicles: The Future of Smart Transportation

Technology is rapidly transforming the way we travel, and autonomous driving vehicles are one of the most exciting innovations of modern engineering. Also known as self-driving cars, these vehicles use Artificial Intelligence (AI), sensors, cameras, and advanced software to drive without human intervention. Companies like Tesla, Inc., Waymo, and Uber Technologies are actively developing autonomous vehicle technologies to make transportation safer and more efficient. These vehicles analyze road conditions, detect obstacles, follow traffic rules, and make real-time decisions using machine learning algorithms. Autonomous vehicles have the potential to reduce accidents caused by human error, minimize traffic congestion, and provide mobility solutions for elderly and disabled individuals. They also contribute to fuel efficiency and smarter city planning.

Although challenges such as safety regulations and ethical considerations still exist, self-driving technology represents a significant step toward intelligent transportation systems. In the future, autonomous vehicles may become a normal part of everyday life, making travel safer, smarter, and more comfortable.



A Day in a Student's Life

A student's life is a beautiful journey filled with learning, challenges, responsibilities, and memorable experiences. Every day brings new opportunities to grow, gain knowledge, and build a better future.

The day usually begins early in the morning with preparation for college. Students organize their study materials, complete pending assignments, and get ready to attend lectures. Morning hours often set the tone for the entire day, encouraging discipline and time management.

College hours are the most important part of a student's daily routine. Attending lectures, participating in practical sessions, and interacting with teachers help students understand academic concepts. Practical labs and project work provide hands-on experience, allowing students to apply theoretical knowledge in real-life situations.

Apart from academics, students also enjoy spending time with friends during breaks. These moments create strong friendships and unforgettable memories. Discussions, group studies, and teamwork activities help students develop communication and collaboration skills.

After college, students focus on completing assignments, revising topics, or preparing for upcoming exams. Many students also spend time learning new skills such as programming, communication skills, or participating in extracurricular activities like sports and cultural events.

Evenings are often a mix of relaxation and self-improvement. Some students pursue hobbies such as reading, music, or exercise, which help reduce stress and maintain a healthy balance between studies and personal life.



AI: The Future of Healthcare

Artificial Intelligence (AI) is revolutionizing many industries, and healthcare is one of the fields experiencing the most significant transformation. By combining advanced algorithms, machine learning, and data analysis, AI is helping doctors diagnose diseases faster, improve treatment accuracy, and enhance patient care.

AI-powered systems can analyze large amounts of medical data such as X-rays, MRI scans, and patient records within seconds. Technologies developed by organizations like IBM through healthcare platforms and research initiatives by World Health Organization demonstrate how intelligent systems assist medical professionals in detecting diseases like cancer, heart conditions, and neurological disorders at early stages. Early diagnosis not only saves time but also increases survival rates.

Another important application of AI is virtual health assistants and chatbots, which provide 24/7 support to patients by answering health-related questions, reminding them to take medicines, and scheduling appointments. AI also plays a key role in personalized medicine, where treatments are customized



During global health challenges such as the COVID-19 pandemic, AI helped researchers analyze infection patterns, predict outbreaks, and accelerate vaccine research. Hospitals also used AI-based systems for patient monitoring and resource management.

Despite its advantages, AI in healthcare faces challenges such as data privacy, ethical concerns, and the need for human supervision. AI cannot replace doctors but acts as a powerful assistant that enhances medical decision-making.

In the coming years, AI will continue to reshape healthcare by making medical services more accessible, accurate, and efficient. For students and future engineers, understanding AI technologies provides an opportunity to contribute to innovations that can improve and even save human lives.

~ Sakshi Gatkal TYCO



Deep-LEARNING

Deep Learning: Powering the Intelligence Behind Modern AI

Deep Learning is one of the most advanced branches of Artificial Intelligence (AI) that enables computers to learn and make decisions in a way similar to the human brain. It is based on Artificial Neural Networks, which are computational models inspired by biological neurons. Deep learning allows machines to automatically learn patterns from large amounts of data without being explicitly programmed.

Unlike traditional machine learning methods, deep learning uses multiple hidden layers in neural networks to process information step by step. These layers help systems recognize complex patterns such as images, speech, and natural language. Technologies like image recognition, voice assistants, recommendation systems, and self-driving cars rely heavily on deep learning algorithms.

Frameworks developed by organizations such as Google DeepMind and tools like TensorFlow have accelerated research and practical applications of deep learning.



Deep learning plays a major role in healthcare for disease detection, in finance for fraud detection, and in education through intelligent learning systems. However, it also requires large datasets, powerful hardware, and significant computational resources, which remain key challenges.

As technology continues to evolve, deep learning is becoming the driving force behind intelligent automation and smart decision-making systems. For students, understanding deep learning concepts opens opportunities in research, innovation, and future careers in Artificial Intelligence and data science.

Deep learning is not just a technological advancement—it is a step toward creating machines that can perceive, learn, and adapt, shaping the future of intelligent computing.

~Aditya Kardile TYCO



Agri-Tech and Smart Farming: Revolutionizing Agriculture

Agriculture has always been the backbone of our economy, but with the rapid growth of technology, farming practices are undergoing a major transformation. Agri-Tech, also known as Agricultural Technology, combines modern technologies such as Artificial Intelligence (AI), Internet of Things (IoT), data analytics, and automation to make farming smarter, more efficient, and sustainable.

Smart farming uses sensors, drones, and connected devices to monitor soil moisture, temperature, crop health, and weather conditions in real time. Farmers can make data-driven decisions about irrigation, fertilization, and pest control, reducing waste and improving crop productivity. IoT-based smart irrigation systems automatically provide water only when required, helping conserve valuable resources.



AI-powered tools analyze agricultural data to predict crop diseases, estimate yields, and recommend the best farming practices. Organizations like Indian Council of Agricultural Research and companies such as John Deere are developing smart farming solutions that integrate technology with traditional agriculture to support farmers worldwide.

Drones are increasingly used to survey large farming areas, spray fertilizers, and monitor crop growth efficiently. Mobile applications also help farmers access market prices, weather forecasts, and expert guidance instantly, improving decision-making and profitability.

Smart farming not only increases agricultural productivity but also promotes sustainable farming by reducing excessive use of water, fertilizers, and chemicals. It helps farmers manage climate challenges and ensures better food security for the growing global population.

Although challenges such as high initial cost and digital awareness still exist, Agri-Tech is paving the way for a smarter agricultural future. For students and young innovators, this field offers exciting opportunities to combine technology with agriculture and contribute to national development.

~ Kunal Chaure TYCO

SAKESHWAR GRAMIN VIKAS SEVA SANSTHA'S
ADSUL'S TECHNICAL CAMPUS

A/P-CHAS AHMEDNAGAR



आमचं Adsul Technical Campus

ज्ञानाची वाट दाखव्ारं,
 स्वप्नांना हदशा देरारं,
 आमचं Adsul Technical
 Campus
 भहवष्य घडव्ारं मंहदर
 आिे. इथे मैत्रीची फुलं
 उमलली,
 आठव्रींची दुहनया सजली,
 िसत-खेळत हशकताना
 जीवनाची खरी शाळा हमळाली.
 हशक्षकांच्या मागणदशणनातून
 यशाचा माणसापडला,
 प्रत्येक प्रयोग, प्रत्येक प्रोजेक्टने
 आत्महवश्वास वाढत गेला.

स्पधाण, कायणक्रम, उत्सवांनी
 कॅम्पस नेिमी
 गजबजलेला, स्वप्नांच्या
 उंच भरारीसाठी प्रत्येक
 हवद्याथी सज्ज
 झालेला.
 या कॅम्पसची हशकव्
 आयुष्यभर साथ देईल,
 Adsul Technical Campus
 ची ओळख
 मनात कायम हजवंत रािील.



EVENTS



Blood Donation Camp – A Noble Step Towards Saving Lives

On **26th September 2025**, our college proudly organized a Blood Donation Camp with the noble objective of contributing to society and spreading awareness about the importance of voluntary blood donation. The camp was conducted in collaboration with a recognized blood bank and medical team who ensured safe and hygienic procedures throughout the event.

Blood is one of the most precious gifts that anyone can give to another person. A single unit of donated blood can save up to three lives. Accidents, surgeries, childbirth complications, and serious diseases such as cancer and anemia often require immediate blood transfusions. By donating blood, we extend a helping hand to patients in critical need.

The camp witnessed enthusiastic participation from students, faculty members, and non-teaching staff. Before donation, medical professionals conducted health check-ups including hemoglobin testing, blood pressure measurement, and basic health screening to ensure donor safety. Proper sterilized equipment and standard medical guidelines were strictly followed.

Our respected Principal and faculty members appreciated the efforts of the organizing committee and encouraged students to actively participate in such humanitarian activities. Certificates and refreshments were provided to all donors as a token of gratitude for their generous contribution.



Vijayadashami 2026: Celebrating the Triumph of Good Over Evil

Dussehra, also known as Vijayadashami, is one of the most significant festivals celebrated across India. It symbolizes the victory of good over evil, inspired by the triumph of Lord Rama over Ravana as described in the ancient epic Ramayana. The festival teaches us that truth, righteousness, and virtue always defeat negativity and injustice.

Our college celebrated Dussehra with great enthusiasm, devotion, and cultural spirit. The campus was beautifully decorated with flowers, rangoli designs, and traditional decorations that created a vibrant and festive atmosphere. The celebration began with a traditional pooja ceremony, seeking blessings for knowledge, success, and harmony.

Students actively participated in various cultural programs such as dance performances, devotional songs, and speeches highlighting the importance of Dussehra in our lives. The performances reflected Indian culture and traditions and reminded everyone of the moral values that the festival represents.

One of the highlights of the celebration was the message of unity and positivity shared by our respected Principal, who encouraged students to remove negativity from their lives and focus on personal growth and ethical values.



Social And Life Skills – Spreading Smiles, Sharing Humanity

On 4th February 2026, under the Social and Life Skill (NSS) activity, our college organized a visit to a local orphanage with the objective of developing social responsibility, empathy, and humanitarian values among students.

The NSS volunteers, along with faculty members, actively participated in this noble cause. Students collected food items, clothes, stationery materials, and daily essential items through voluntary contributions.

These items were distributed to the orphaned children with love and care.

The main aim of this activity was not only to provide material support but also to spread happiness and emotional warmth among the children. The students interacted with them, played games, and spent quality time understanding their lives and experiences. This interaction helped students develop compassion, leadership qualities, teamwork, and a sense of social commitment.



“निसर्गरक्षणासाठी एक पाऊल – निमागल्य संकलि उपक्रम”

आपल्या भारतीय संस्कृतीमध्ये सणांना विशेष महत्त्व आहे. विशेषतः गणेशोत्सव हा आनंद, भक्ती आणि एकतेचा सण म्हणून साजरा केला जातो. परंतु सण साजरा करताना पर्यावरणाची काळजी घेणे ही आजच्या काळाची गरज बनली आहे. हाच विचार मनात ठेवून आमच्या महाविद्यालयात सर्व विद्यार्थ्यांच्या सहभागातून गणपती निर्माल्य संकलन उपक्रम आयोजित करण्यात आला.

या उपक्रमांतर्गत महाविद्यालयातील सर्व विद्यार्थ्यांना घरी झालेल्या गणपती पूजेमधील हार, फुले व इतर निर्माल्य महाविद्यालयात आणण्याचे आवाहन करण्यात आले. विद्यार्थ्यांनी उत्साहाने सहभाग घेत मोठ्या प्रमाणात निर्माल्य जमा केले. हे निर्माल्य इतर कचऱ्यासोबत न टाकता योग्य पद्धतीने संकलित करून पर्यावरणपूरक व्यवस्थापनासाठी डंप करण्यात आले.

या उपक्रमामुळे विद्यार्थ्यांमध्ये पर्यावरण संरक्षणाबद्दल जागरूकता निर्माण झाली. नदी, तलाव किंवा सार्वजनिक ठिकाणी निर्माल्य टाकल्यामुळे होणारे प्रदूषण कमी करण्याचा संदेश सर्वांपर्यंत पोहोचला. तसेच “स्वच्छता आणि पर्यावरण संवर्धन ही प्रत्येकाची जबाबदारी आहे” ही भावना विद्यार्थ्यांच्या मनात रुजली.

महाविद्यालयाने घेतलेला हा छोटासा उपक्रम समाजासाठी मोठा संदेश देणारा ठरला. अशा सामाजिक व पर्यावरणपूरक उपक्रमांमुळे विद्यार्थ्यांमध्ये सामाजिक बांधिलकी, जबाबदारी आणि निसर्गाविषयी प्रेम वाढते.



“विद्यार्थ्यांकडून शिक्षकांना कृतज्ञतेची अनमोल भेट – शिक्षक दिन उत्सव”

शिक्षक हा विद्यार्थ्यांच्या आयुष्याला दिशा देणारा दीपस्तंभ असतो. ज्ञान, संस्कार आणि प्रेरणा देणाऱ्या शिक्षकांप्रती कृतज्ञता व्यक्त करण्यासाठी दरवर्षी ५ सप्टेंबर रोजी शिक्षक दिन साजरा केला जातो. यावर्षी आमच्या महाविद्यालयात विद्यार्थ्यांनी अत्यंत उत्साहात आणि प्रेमाने शिक्षक दिन साजरा करून सर्व शिक्षकांना विशेष आनंदाची अनुभूती दिली.

या कार्यक्रमाचे संपूर्ण नियोजन विद्यार्थ्यांनी स्वतः केले होते. कार्यक्रमाची सुरुवात सुंदर स्वागत आणि प्रेरणादायी भाषणांनी झाली. विद्यार्थ्यांनी शिक्षकांविषयी आपल्या भावना व्यक्त करत कृतज्ञता व्यक्त केली. त्यांच्या मनोगतातून शिक्षकांबद्दलचा आदर आणि प्रेम स्पष्टपणे जाणवत होते.

कार्यक्रमामध्ये विविध खेळांचे आयोजन करण्यात आले होते, ज्यामध्ये शिक्षकांनीही आनंदाने सहभाग घेतला. हसत-खेळत पार पडलेल्या या उपक्रमांमुळे शिक्षक आणि विद्यार्थ्यांमधील नाते अधिक दृढ झाले. यासोबतच विद्यार्थ्यांनी स्वादिष्ट अल्पोपहाराची व्यवस्था करून कार्यक्रमाची शोभा वाढवली.

विद्यार्थ्यांनी केलेले नियोजन, उत्साह आणि प्रेम पाहून सर्व शिक्षक भावूक झाले. त्या दिवशी शिक्षकांना केवळ सन्मानच नाही तर विद्यार्थ्यांच्या मनातील आदर आणि आपुलकीची खरी जाणीव झाली.



Bridging Knowledge and Innovation: Industry Expert Lecture

In today's rapidly evolving technological world, Artificial Intelligence (AI) has emerged as one of the most transformative technologies shaping the future. To enhance students' understanding of modern innovations and industry expectations, our college organized an insightful **Industry Expert Lecture on Artificial Intelligence.**

The session was conducted by an experienced industry professional who shared valuable knowledge about the real-world applications of AI and its growing importance across various sectors such as healthcare, education, finance, automation, and smart technologies. The expert explained complex AI concepts in a simple and practical manner, making it easy for students to understand how AI works in everyday life.

During the lecture, students were introduced to important topics including machine learning, data analysis, automation, and the role of AI in solving real-world problems. The speaker also highlighted the skills required to build a successful career in the field of Artificial Intelligence, encouraging students to focus on continuous learning, problem-solving abilities, and practical exposure.

One of the most engaging parts of the session was the interactive discussion, where students actively asked questions about career opportunities, emerging trends, and future technological advancements.



A Warm Beginning: Induction Program and Freshers' Party for New Students

Starting a new academic journey is always filled with excitement, curiosity, and a little nervousness. To welcome the newly admitted students and help them feel comfortable in their new environment, our college organized a vibrant Induction Program and Freshers' Party, jointly arranged by the college staff and senior students.

The program aimed to introduce freshers to the college culture, academic environment, and various opportunities available for their overall development. The event began with a warm welcome address by the faculty members, who guided students about academic expectations, discipline, and the importance of skill development during their college life.

Senior students played a significant role in making the event lively and memorable. They organized cultural performances, fun games, and interactive activities that helped freshers overcome hesitation and build new friendships. The joyful atmosphere created a sense of belonging among the new students and encouraged them to actively participate in college activities.

Faculty members also shared motivational thoughts, inspiring students to focus on learning, innovation, and personal growth. The event highlighted the supportive relationship between teachers and students, creating a positive and encouraging environment for the newcomers.

The freshers' party concluded with music, refreshments, and moments of celebration, leaving everyone with smiles and happy memories. The program successfully helped new students feel welcomed and confident as they stepped into a new phase of their educational journey.

Overall, the induction program and freshers' celebration reflected the college's commitment to nurturing a friendly, inclusive, and motivating learning atmosphere for all students.



Ganpati Celebration 2026 – A Grand Fest of Devotion and Creativity

Our college campus was filled with joy, devotion, and vibrant colors as we celebrated the auspicious festival of **Ganesha (Ganpati Bappa)** with great enthusiasm and unity. The celebration brought together students, faculty members, and staff in a spirit of togetherness and cultural pride.

The beautifully decorated idol of Lord Ganesha was installed in the college premises with traditional rituals and chanting of mantras. The atmosphere echoed with the devotional chants of —**Ganpati Bappa Morya!** creating a divine and energetic environment. The decoration committee worked creatively to design an eco-friendly and attractive stage, symbolizing peace, wisdom, and prosperity.

✚ Rangoli Competition – Colors of Devotion



One of the major highlights of the celebration was the Rangoli Competition. Students showcased their artistic talents by creating stunning rangoli designs based on themes such as tradition, environment, unity, and devotion to Lord Ganesha. The campus corridors were transformed into a gallery of vibrant colors and meaningful artwork.

Each rangoli reflected creativity, teamwork, and cultural values. Judges appreciated the originality, neatness, and presentation skills of the participants. The competition not only encouraged artistic expression but also promoted teamwork and healthy competition among students.



Project Competition – Innovation and Ideas

Along with the cultural celebration, a Project Competition was organized to encourage technical skills and innovative thinking among students. Participants presented projects on various themes including technology, environment, social awareness, and smart solutions for daily life problems.

Students confidently explained their ideas, working models, and presentations to the judges. The event provided a platform for young minds to express creativity, research skills, and practical knowledge.



Empowering Minds through Innovation: FDP Insights on IoT and 3D Printing

In today's rapidly evolving technological world, continuous learning and skill enhancement are essential for educators to keep pace with emerging innovations. One of our esteemed faculty members recently completed a Faculty Development Program (FDP) focused on the advanced domains of Internet of Things (IoT) and 3D Printing, gaining valuable knowledge about modern technological trends shaping the future.

The FDP provided in-depth exposure to IoT concepts, including smart devices, sensor integration, real-time data communication, and automation systems that are transforming industries such as healthcare, agriculture, and smart cities. Alongside this, the program also introduced participants to the fascinating world of 3D Printing, where digital designs are converted into physical objects using additive manufacturing techniques. The training emphasized practical applications, innovation opportunities, and the role of these technologies in Industry 4.0.

After successfully completing the FDP, the faculty member conducted an engaging lecture for students using the smart board, ensuring an interactive and technology-enhanced learning experience.

ACHIEVEMENT

साकेश्वर ग्रामिण विकास सेवा संस्थेचे
सौ. सुंदरबाई माणिक आडसूळ पॉलिटेक्नीक
 चास, चास-निंबळक बायपास रोड, अहिल्यानगर.
 Approved by AICTE New Delhi, Reconized by DTE & Government of Maharashtra, Affiliated to MSBTE

सर्व यशस्वी विद्यार्थ्यांचे मनःपूर्वक अभिनंदन !

MSBTE EXAM WINTER 2025-26
OUR STAR TOPPERS

सर्व यशस्वी विद्यार्थ्यांचे मनःपूर्वक अभिनंदन !

 Bhagwat Shweta TY CO - 92.71%	 Khaladkar Mansi TY CO 90.82%	 Sapkal Rutuja CY CO 89.18%	 Gatkal Sakshi TY CO 88.12%	 Urmude Gautami SY CE 88.12%	 Saini Kajal SY CO - 88.00%	 Chaure Kunal TY CO 87.53%	 Dangade Tejaswi TY CO - 87.18%	 Warwade Sneha TY CO - 86.82%	 Kadam Dnyaneshwari TY CO - 86.71%
 Deokar Utkarsha SY CO - 85.77%	 Yenare Pragati SY CO - 85.65%	 Tanpure Shweta TY CO - 85.41%	 Bedre Rutuja TY CO - 85.18%	 Kadam Sarvesh TY CO - 85.06%	 Salunke Siddhi TY CO - 84.94%	 Daruwale Ummizoyha SY CE - 84.47%	 Pathan Alisha FY CE - 84.24%	 Bhor Samruddhi TY CO - 84.24%	 Shaikh Sarah TY CO - 83.88%
 Chavhan Ushabai TY CO - 83.77%	 Bhor Tejas TY CO - 82.69%	 Shaikh Samiya TY CO - 82.24%	 Garje Om TY CO - 81.88%	 Dhone Shrushti FY EE - 81.88%	 Darade Mahesh TY EE - 81.88%	 Dhage Dnyaneshwari FY EJ - 81.77%	 Padale Dinesh TY EE - 81.41%	 Gaware Rajyog FY CE - 81.41%	 Marote Pallavi TY CO - 81.18%
 Shinde Bhagyashri TY CO - 80.94%	 Urmude Gayatri TY CO - 80.71%	 Shinde Pratiksha FY CO - 80.59%	 Kalyankar Sharaddha TY CO - 80.47%	 Homkar Krishna FY CO - 80.47%	 Kakade Chaitrali FY CO - 80.24%	 Panchal Soham FY CE - 80.00%	 Khandave Varad FY EE - 80.00%		

❖ Our Toppers

First Year

Sr.No.	Name Of Student	Percentage	<u>Rank</u>
1	Shinde Pratiksha	80.59	First
2	Krushna Homkar	80.47	Second
3	Chaitrali kakade	80.24	Third



Second Year

Sr.No.	Name Of Student	Percentage	Rank
1	Kajal Saini	88.00	First
2	Utkarsha Devokar	85.77	Second
3	Pragati Yenare	85.65	Third

Third Year

Sr.No.	Name Of Student	Percentage	Rank
1	Shweta Bhagwat	92.71	First
2	Khaladkar Mansi	90.82	Second
3	Sapkal Rutuja	89.18	Third



