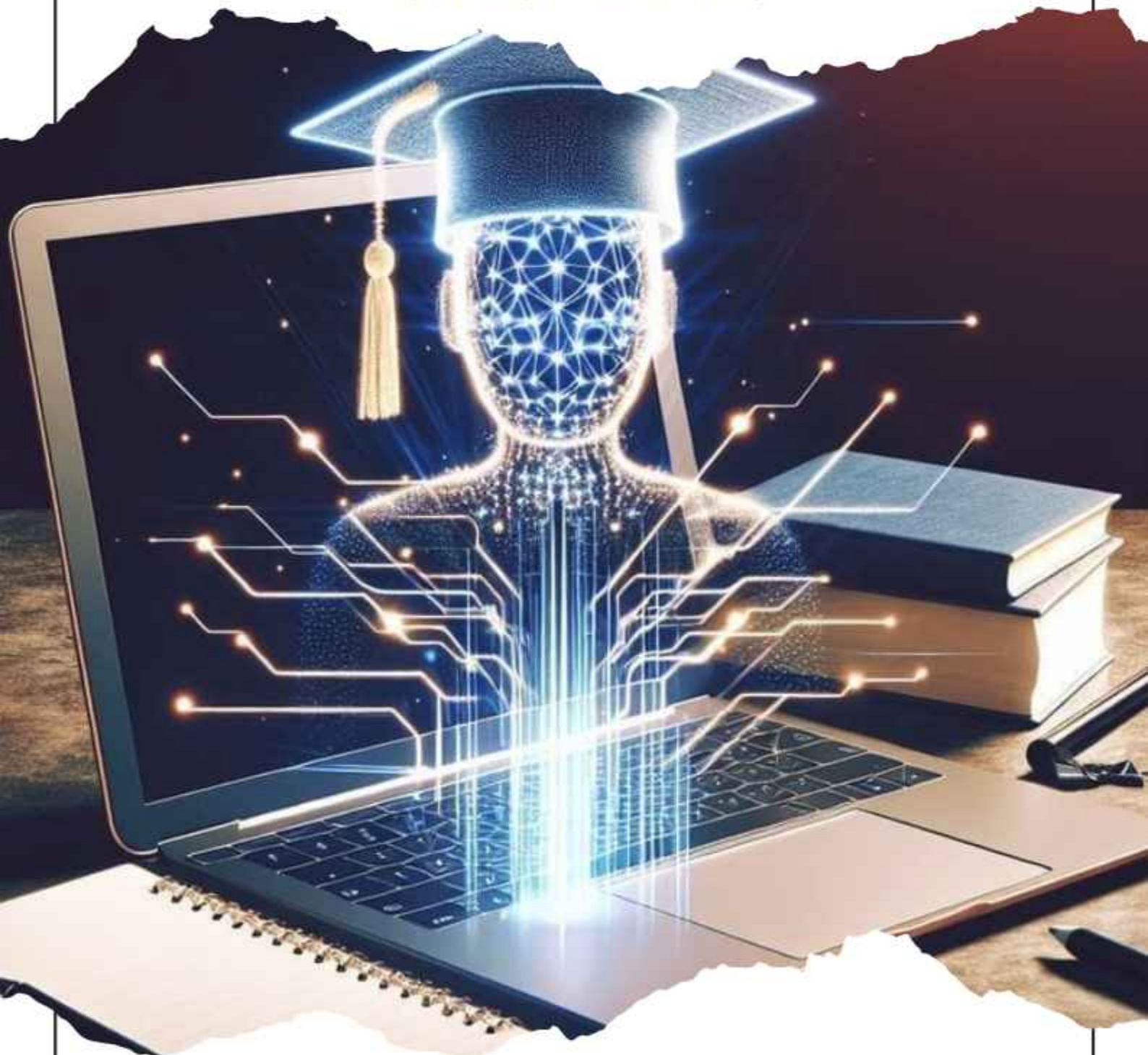




CISCO-TALK TECHNICAL MAGAZINE 2024-25



DEPARTMENT OF COMPUTER SCIENCE
& ENGINEERING





YASHODA SHIKSHAN PRASARAK MANDAL'S

YASHODA TECHNICAL CAMPUS, SATARA

**DEPARTMENT OF COMPUTER SCIENCE
& ENGINEERING**

**CISCO-TALK
TECHNICAL
MAGAZINE 2024-25
EVEN SEM**

Publications and Publications

Sr.No	Title of paper	Name of the author/s	ISSN Number
1	E- Vehicle Charging Station	Mr. Shashikant Kailas Shinde, Mr. Atharv Shridhar Bakare, Mr. Shivkumar Vijaykumar Sapkal,Kiran P. Jagtap	ISSN:2320-2882
2	AI Driven Personalized Recipe Generator	Namrata Pawar, Neha Kumbhar, Ankita Sanas, Vaishnavi Mahamulkar, Prof. Shital Waghmare	ISSN NO:0022-1945
3	Explainable AI for Automated Loan Approval Systems: A Review	Rutuja Pise, Sakshi Devkule, Mansi Yadav, Aniket Shirke,	ISSN NO:0022-1945
4	Personal Pulse Fitness	Smita Dnayndev Jadhav, Sakshi Somnath Rajput, Aishwarya Prashant katkar,Aditya Mahadev	ISSN:2320-2882
5	AI-Powered Recruitment System	Pratik Pawar,Prachi Pawar,Revati Pandit,Ankita Phalke,Sanjana	ISSN:2320-2882
6	Microservices CI/CD Pipeline on cloud Computing (QR Code Generator) : A Review	Om kadam , Punam Jathar, Sonali Lokare, Vaishnavi Dube, Digvijay Vitkar, Ms. Tejaswini Bapu	ISSN NO:0022-1945
7	Virtual Mirror - A Hassle Free Approach to Trial Rooms	Mr. Ketan Jadhav , Miss.Samiksha Raut,Ms Saniya Sayyad, Miss.Darshna Katre, Miss	ISSN: 2349-6002
8	Automatic Exam Paper Generator	Mr. Shubham Rajkumar Vishwakarma, Mr. Pratik Babasaheb Pawar, Mr. Sanket Suryakant Lohar, Mr. Deep Tanaji Sawant, Dr.S.V.Balshetwar	ISSN:2320-2882

Publications and Publications

9	Campus Shuttle Tracker & Monitoring System	Vipul Patel , Nishant Bodare, Swapnil Yadav, Utkarsh Yadav, Prof.Shital Waghmare	ISSN:2321-9653
10	Image Forgery Detection	Ms.Muskan Sayyad, Mr.Sangram Shinde, Mr.Salman Pathan, Mr.Shreyash Nikam, Dr. Vikram S. Patil	ISSN:2320-2882
11	Smart Relief : Aadhar - Integrated Disaster Management System	Dr. Sarita V. Balshetwar, Ms. Riya Anand Desai, Ms. Janhavi Rajkumar Patil, Ms. Purna Pravin Jadhav, Ms. Utkarsha Sunil Velhal, Mr.Ganesh Balu Kakade	ISSN NO:0022-1945

Student Achievement





Sr. No.	Students Name	Title of Activity	Prize
1	Ms. Vaishnavi Deshmukh.	Project Competition - State Level Technical Event Spandan 2k25	Runner up (2nd)
2	Ms. Vaishnavi Deshmukh	Project Competition - State Level Exhibition & Competition Rotarex 2k25	Runner up (2nd)
3	Mr. Rohan Gaikwad	Google Cloud- Arcade Facilater Program Cohort 1	Winner
4	Mr. Rohan Gaikwad	Build with India Google	Finalist Hackathon
5	Mr. Rohan Gaikwad	Innoverse Hackfest 2k25	Finalist Hackathon
6	Mr. Rohan Gaikwad	NPTEL- C Programing & Assembly language	Online Course
7	Mr. Omkar Suryakant Shinde	NPTEL -Online Certification- Compiler Design Course	Online Course
8	Ms. Vaishnavi Deshmukh.	Web-War- YashoTechfest 2k25	Winner
9	Ms. Vaishnavi Deshmukh.	Project Competition- YashoTechfest 2k25	Winner
10	Ms. Vaishnavi Deshmukh.	Reverse Coding- YashoTechfest 2k25	Winner
11	Rohan Gaikwad	Quiz Competition -YashoTechfest 2k25	Winner
12	Ms. Saniya Dipak Gaikwad, Ms. Sujal Ajaysingh Ghorpade , Ms. Tanvi Ramdas Bhosale	Treasure Hunt YashoTechfest 2k25	Runner up (2nd)

Student Achievement

13	Vaishnavi Ghorpade, Vaishnavi Pawar, Vaibhavi Kallare, Shravani Vedpathak	Treasure Hunt- YashoTechfest 2k25	Winner
14	Aniket Thorat	Web War - YashoTechfest 2k25	Runner Up
15	Ashta Gaikwad, Raj Lokhande, Tanvi Beloshe , Anjali Hinge, Suhani Gajare	Business Plan- YashoTechfest 2k25	Runner Up
16	Ms. Sakshi Kokate	Carrom -Yashotsav 2k25	Winner
17	Mr. Abhishek Khirsagar, Mr. Shahid Mulani, Mr. Aniket More, Mr. Rohit Bangar, Mr. Shreyash Gole, Mr. Prakesh Patil, Mr. Deep Sawant, Mr. Swaraj Divate,, Mr. Aditya Yadav	7 - Side Football- Yashotsav 2k25	Winner
18	Trupti Ghanvat, Kimaya Bhosale, Uday Shinde , Vivek Patil , Atharv Ahire, Mahadev Waghmode, Sneha Ghadge, Sonali Kanthe, Sakshi Kokate	Cricket- Yashotsav 2k25	Winner
19	Sakshi Kokate	Carrom -Yashotsav 2k25	Winner
20	Ms. Shraddha Dash	Badminton- Yashotsav 2k25	Winner
21	Sneha Ghadage , Sakshi Kokate, Gauri Shingate, Sonali Kanthe	Box-Cricket- Yashotsav 2k25	Winner
22	Sakshi Kokate, Sonali Kanthe	Kabbadi -Yashotsav 2k25	Winner
23	Diptee Sabale	ThrowBall- Yashotsav 2k25	Winner
24	Sneha Ghadage , Sakshi Kokate	ThrowBall- Yashotsav 2k25	Runner Up
25	Shreyash Gaikwad , Omkar Narute	Kabbadi -Yashotsav 2k25	Runner Up
26	Ms. Diksha Wanve , Mr. Aditya Kumbhar	Carrom -Yashotsav 2k25	Runner Up
27	Sonali Kanthe	Badminton- Yashotsav 2k25	Runner Up



Toppers

Sem III Class-SY BTech -A Division

Rank	Name of Students	SGPA	Picture
1	Vaishnavi Satish Deshmukh	8	
2	Amruta Hanmant Vasav	7.67	
3	Tanvi Ramdas Bhosale	7.58	
3	Yogita Ramesh Sawant	7.58	

Toppers

Sem III Class-SY BTech -B Division

Rank	Name of Students	SGPA	Picture
1	Anushka Sandip Dhumal	8.8	
2	Tanuja Dattatray Thorat	8	
3	Priyanka Subhash Bhandalkar	7.58	



Toppers

Sem V Class-TY BTech -A Division

Rank	Name of Students	SGPA	Picture
1	Vaishnavi Shashikant Ghorpade	7.91	
2	Rutuja Bhagvat Chavan	7.84	
2	Vaibhavi Ashok Kalase	7.84	
2	Rutuja Bhagvat Chavan	7.84	
3	Shruti Navnath Tate	7.64	

Toppers

Sem VII Class-Final Year BTech

Rank	Name of Students	SGPA	Picture
1	Archna Ghadage	8.74	
2	Ganesh Rane	8.58	
3	Aishwarya Katkar	8.39	
3	Namrta Pawar	8.39	

Placement

List of students selected for Internship & Placements 2024-25

Sr. No.	Company Name	Drive Type	Role	CTC in LPA	Names of Selected Students
1	ITPreneur, Pune	Internship + PPO	Intern Software Developer	3	1) Ganesh Sudhir Rane 2) Divya Parappa Chikodi 3) Muskan Firoj Sayyad 4) Atharv Sanjay Sabale 5) Smita Dnyandev Jadhav
2	The Kiran Academy, Pune	Internship	Intern Software Developer	3	1) Sangramsinh Mansing Shinde 2) Pranali Dajiram Chavan 3) Sakshi Rajendra Chavan 4) Archana Sadanand Ghadage 5) Saniya Narayan Nikam 6) Prerna Pravin Jadhav
3	Wisdom Sprouts, Pune	Internship + PPO	Intern Software Developer	2.4 to 3.6	1) Aishwarya Prashant Katkar 2) Revati Vilas Pandit
4	Global Space Technologies Ltd., Mumbai	Internship + PPO	Intern	2.4 to 3.6	1) Ganesh Sudhir Rane
5	QualityKiosk Technologies Pvt. Ltd, Mumbai	Drive	Trainee Test Engineer	2.4 to 3.6	1) Ganesh Sudhir Rane
6	QSpider Campus Connect, Pune	Internship	Java Full Stack Developer	-	1) Prathamesh Suryakant Chavan 2) Riya Anand Desai 3) Prerna Pravin Jadhav 4) Saniya Firoz Sayyad 5) Aniket Kiran Shirke 6) Atharva Prakash Pawar 7) Prachi Satish Pawar 8) Darshana Vinod Katre 9) Mansi Rajendra Yadav 10) Aditya Mahadev Nanaware 11) Vaishnavi Vitthal Dube 12) Sakshi Vijay Devkule 13) Vaishnavi Santosh Mahamulkar

Placement

7	Skills IT Academy, Pune	Internship	Intern		1) Revati Vilas Pandit 2) Mansi Rajendra Yadav 3) Aniket Kiran Shirke
8	ACPL, Satara	Internship + PPO	IT Intern	3.0 to 3.6	1) Purna Pravin Jadhav 2) Janhavi Rajkumar Patil
9	Dexterrtech Technology, Ichalkaranji	Internship + PPO	Intern	3.0 to 3.6	1) Atharva Prakash Pawar
10	Cognizant Technology Pvt. Ltd. Pune	Drive	Programmer Analyst Trainee	4	1) Purna Pravin Jadhav
11	ExcelR	Internship + PPO	Full Stack Developer Intern	2.8 to 6.0	1) Atharva Prakash Pawar 2) Muskan Firoz Sayyad 3) Purna Pravin Jadhav
12	BrandsJar, Pune	Drive	Junior Web Developer	4	1) Vipul Manilal Patel
13	Eternity AI Endeavors (OPC) Pvt. Ltd. Pune	Internship	Data Scientist Intern	-	1) Muskan Firoz Sayyad

Research Article

1. Maindmetd Healing Together Sentiment Analysis

Maindmetd
Healing
Together
Sentiment
Analysis

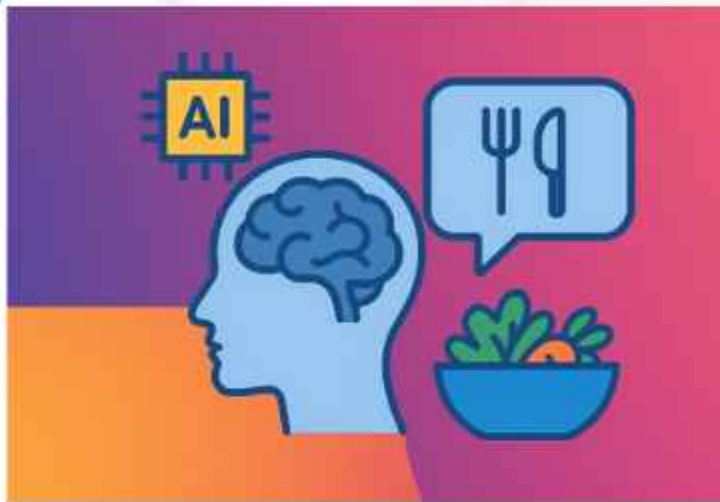


"Maindmetd Healing Together Sentiment Analysis" combines the power of Artificial Intelligence with emotional well-being studies. Using Natural Language Processing (NLP) techniques, the system applies Machine Learning algorithms such as Naïve Bayes, Support Vector Machines, and advanced Deep Learning models like LSTM and BERT to classify sentiments as positive, negative, or neutral. This approach enables accurate analysis of text from social media, surveys, or conversations.

. Beyond simple classification, the model can also detect emotional intensity, making it valuable for mental health monitoring, therapy support, and human-computer interaction systems. Such intelligent systems can continuously learn from large datasets, improving prediction accuracy over time. By integrating AI-driven sentiment analysis with healing concepts, this project demonstrates how cutting-edge research can contribute to both technology and human well-being. It also opens opportunities for personalized digital therapy platforms, emotional chatbots, and smart recommendation systems that respond empathetically to human emotions. (Ganesh Sudhir Rane, Archana Sadanand Ghadage, Pranali Dajiram Chavan, Sakshi Rajendra Chavan)

Research Article

2. AI-Driven Personalized Recipe Generator



"AI-Driven Personalized Recipe Generator" is an innovative application of Artificial Intelligence that tailors food recommendations based on individual preferences, health conditions, and available ingredients. Using Machine Learning algorithms and Natural Language Processing (NLP), the system can analyze dietary habits, nutritional requirements, and even user feedback to generate recipes in real-time.

Advanced models like Recommendation Systems and Deep Learning help in creating personalized meal plans while ensuring balanced nutrition. Such AI-driven solutions are not only useful for health-conscious individuals but also for patients requiring specific diets like diabetic-friendly or low-sodium meals. The integration of AI in recipe generation highlights how technology can enhance daily life, promote healthy eating habits, and reduce food waste. This futuristic approach demonstrates the power of AI in making lifestyle solutions smarter, healthier, and more convenient. (Neha Subhash Kumbhar, Namrata Dilip Pawar, Ankita Dnyandev Sanas, Vaishnavi Santosh Mahamulkar)

Research Article

3. “Electric Vehicle Wireless Charging Station Project (IoT)”:



The concept of an Electric Vehicle (EV) wireless charging station integrates IoT technology to enable smart, efficient, and user-friendly charging. Instead of traditional plug-in systems, EVs can be charged wirelessly using electromagnetic induction or resonant coupling.

. IoT sensors and modules monitor battery levels, charging duration, and energy consumption in real-time, providing live updates to the user through mobile applications. The system also allows remote monitoring, fault detection, and energy management, making it highly scalable for smart cities. This project demonstrates the fusion of IoT, renewable energy, and green transportation, offering a sustainable solution to the growing demand for electric mobility. By eliminating cables and enhancing automation, it ensures a safe, convenient, and futuristic charging infrastructure for EV users.

(Shashikant shinde, Atharv bhakare, Shivkumar Sapkal)

Research Article

4. Aadhar Based Disaster Relief Distribution System (IoT)



In times of natural disasters, ensuring quick and transparent distribution of relief materials is a major challenge. An Aadhar-based Disaster Relief Distribution System leverages the Internet of Things (IoT) to provide an efficient, secure, and fair mechanism for relief delivery.

Using the unique Aadhar identification, beneficiaries can be authenticated at relief centers through biometric or OTP verification. IoT-enabled devices, such as smart card readers, biometric scanners, and connected distribution units, ensure real-time data transfer to centralized servers. This prevents duplication, reduces corruption, and guarantees that essential supplies like food, water, and medicines reach the right people.

Additionally, IoT sensors and dashboards can provide live monitoring of stock levels, track logistics, and generate analytics for government agencies and NGOs, ensuring transparency and accountability.

This system combines digital identity (Aadhar) with IoT-powered smart infrastructure to revolutionize disaster management, ensuring faster, more accurate, and corruption-free relief distribution to the affected population.

(Perna Pravin Jadhav, Utkarsha Sunil Velhal, Janhavi Rajkumar Patil, Riya Anand Desai, Ganesh Balu Kakde)

Department Activities

Guest Lecture on Artificial Intelligence in Animation

A Guest Lecture on **"Artificial Intelligence in Animation"** was successfully conducted for second-year B.Tech. Students of the Computer Science and Engineering Department on March 5, 2025. The session featured Mr. Shagun Salunkhe and Mr. Anwar Khan, co-founders of Wow Animation Studio & Anilee Animation Institute, who shared valuable insights on AI-driven animation, motion capture, and character modeling. With live demonstrations and interactive discussions, the speakers highlighted AI's impact on modern animation and career prospects in the field. The session received an overwhelmingly positive response, with participants requesting more workshops on AI-based animation tools. The event concluded with a vote of thanks by Mr. Ketan Jadhav.

Glimpses of Programme



A Warm Welcome to Our Guest Speakers,



Experts Sharing Their Insights on AI in Animation



Students Engaged in an Insightful Session

Guest Lecture on AI Disruption in IT

The Department of Computer Science and Engineering organized a Guest lecture on **"AI Disruption in IT: Adapt, Collaborate & Transform"** on March 4, 2025, for T.Y. B.Tech. Students. Mr. Ajit Sagale from Aadi Technology, Pune, led the session, discussing AI's impact on IT, automation, and business innovation. Key topics included adapting to AI advancements, interdisciplinary collaboration, and ethical AI deployment. Case studies highlighted AI-driven solutions in IT, cybersecurity, and customer service. The session emphasized reskilling and embracing AI tools for future growth. The workshop was coordinated by Prof. V. D. Chavan under the guidance of Dr. S. V. Balshetwar, Head of the Department.

Glimpses of Programme



Attentive Minds Exploring AI's Impact on IT.



Expert Talk: Unveiling AI's Role in IT Transformation.

DIPEX Project Exhibition

On April 5, 2025, the Department of Computer Science and Engineering organized an educational visit for 59 students of Yashoda Technical Campus to the DIPEX 2025 exhibition at CoEP Technological University, Pune. DIPEX, organized by ABVP and Srijan Trust, is a renowned state-level event showcasing innovative working models by students from engineering, technology, and agriculture streams across Maharashtra and Goa. The exhibition featured interdisciplinary themes including AI, healthcare, automation, sustainability, and more.

Glimpses of Exhibition



DIPEX 2025 exhibition at CoEP Technological University, Pune



Guest lecture on “Dynamic Programming Using Real Time Application”

The Department of Computer Science and Engineering organized a guest lecture on “Dynamic Programming Using Real-Time Application” for SY B.Tech students on April 11, 2025. Dr. Sachin Patil, HOD at IIIT Surat, delivered an insightful session covering key DP concepts and real-world applications like GPS route optimization and cloud resource management. The interactive lecture bridged theory with practical use, enhancing students' understanding of the Design Analysis and Algorithm subject. The event was coordinated by Mrs. Ashwini Kadam.

Glimpses of Guest lecture



Felicitation of the Guest



Lecture Conduction



Vote of Thanks

A one day workshop on "C/C++: A Programming Paradigm"

A one-day workshop on "C/C++: A Programming Paradigm" was organized on April 26, 2025, for SY B.Tech (CSE) students. The workshop was conducted by Mr. Yogesh Patil, an experienced professional in programming and software development. He explained core concepts of C and C++, highlighting their real-world applications in system programming, embedded systems, and competitive coding. The session was highly interactive and enriched students' understanding of modern programming paradigms.

Glimpses of workshop



Felicitation of the Guest



Lecture Conduction



Vote of Thanks

Expert Session on “Mastering Competitive Programming for GATE Success”

An expert session on “Mastering Competitive Programming for GATE Success” was conducted on April 22, 2025, for TY CSE students by Ms. Komal Gandale, Assistant Professor at GCOE Karad. The session focused on algorithmic problem-solving, key GATE topics, and practical coding strategies. Students gained insights into effective preparation techniques using platforms like Codeforces and LeetCode. The session received positive feedback and motivated students to adopt disciplined coding habits for GATE success.

Glimpses of Expert Session



Lecture Conduction



Felicitation of the Guest



Vote of Thanks

Workshop on PHP and Database Connectivity under CSI

On 17th May 2025, a one-day workshop on PHP and Database Connectivity was conducted under CSI, with expert trainer Mrs. Vaishnavi Malusare guiding the sessions. Around 150 second-year B.Tech students enthusiastically participated, gaining practical experience in setting up XAMPP, writing PHP scripts, and connecting to MySQL databases. The workshop was interactive and easy to follow, helping students build a strong foundation in web development. It ended on a high note, leaving participants motivated to delve deeper into the subject.

Glimpses of Workshop



Felicitation of the Guest



Lecture Conduction



Lecture Conduction

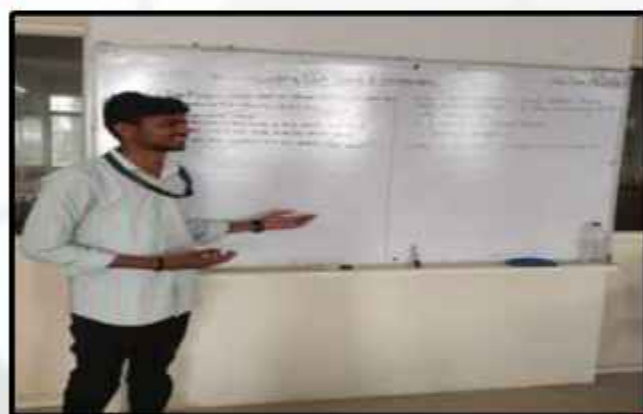
Coding Club Activities

The Code Genesis coding club is dedicated to enhancing programming skills and encouraging innovation among students of the Computer Science department. The club actively promotes participation in national-level hackathons and coding contests like SIH, Google Code Jam, and ACM-ICPC. It successfully conducted the SIH Pre-Qualifier Round on 26th September 2024 at the college level. Upcoming plans include Weekly Coding Challenges, Guest Lectures, and Workshops by industry experts scheduled throughout March to May 2025. These activities aim to build problem-solving abilities, coding confidence, and real-world exposure. Students are encouraged to register through the official link and become active contributors to the coding community.

Glimpses of Coding Club Activities



Students solving coding challenges



Students presenting their coding solutions



Students solving coding challenges

Web War @ YashoTechFest 2025

As part of YashoTechFest 2025, the Web War competition was held on 9th May 2025 in the CSE department labs at Yashoda Technical Campus, Satara. A total of 21 teams (55 students) participated, showcasing creativity and coding skills by designing static web pages in 90 minutes. The event was coordinated by Mrs. Rajani Mandhare and student volunteers from SY CSE-B. Team YTC won the event, with Dnyanshree Institute securing the runner-up position. Judging was done by Ms. Ashwini Chavan, IT Department, YTC.

Glimpses of Web War



Inauguration of Web war event by Mr. Lele.



Students enjoying web development



Judge Ms. Ashwini Chavan doing evaluation



Prize distribution to winner

Technical Treasure Hunt @ YashoTechFest 2025

As part of YashoTechFest 2025, the Department of Computer Science and Engineering at Yashoda Technical Campus organized an exciting Technical Treasure Hunt on 9th May 2025. The event challenged students' technical knowledge and teamwork through innovative rounds like coding, debugging, and clue decoding. With 27 teams and 130 enthusiastic participants, the campus was filled with energy and competitive spirit. Winners from YTC and Arvind Gavali College showcased exceptional skills. The event was a highlight of YashoTechFest, leaving participants with valuable learning experiences and lasting memories.

Glimpses of Technical Treasure Hunt



Poster



Coding with focus and fun!



Enjoying the challenge,
one clue at a time!



Prize Distribution

Reverse Coding @YashoTechFest 2025

As part of YashoTechFest 2025, the Department of Computer Science and Engineering at Yashoda Technical Campus conducted an intellectually engaging Reverse Coding event on 10th May 2025. Designed to promote reverse engineering and analytical thinking, the competition featured three challenging rounds where participants decoded outputs, debugged faulty logic, and generated code under time constraints. With 18 active participants, the event received excellent feedback for its unique approach. Miss Vaishnavi Deshmukh from YTC was declared the winner, and Mr. Aditya Sutar from AGCE secured the runner-up position. The event successfully encouraged creative thinking and coding excellence.

Glimpses of Reverse Coding



Inauguration of Reverse Coding event



Students enjoying Coding



Judge doing evaluation



Judge doing evaluation

Annual Sports 2k25

The Annual Sports 2K25 showcased enthusiastic participation from students across various disciplines in sports like **Kabaddi, Kho-Kho, Throw ball, Carrom, and Football**. Talented players from **T.Y. and S.Y.CSE** demonstrated exceptional skills and team spirit, securing top ranks in their respective games. The event fostered sportsmanship, teamwork, and a competitive spirit, making it a memorable and energetic celebration of talent and athletic excellence. Below are the different sports teams from the CSE department with their ranks.

Event	Date	Prize
. Girls Kabaddi Team	19/03/25	Winner
Boys Football Team	20/03/25	Winner
Boys Kho-Kho Team	20/03/25	Runner Up
Girls Throw ball Team	20/03/25	Runner Up
Girls Carrom	20/03/25	Winner
Girls Carrom	20/03/25	Runner Up
Boys Cricket Team	21/03/25	Runner Up
Girls Box Cricket Team	21/03/25	Runner Up
Girls Badminton	21/03/25	Winner
Boys Carrom	21/03/25	Runner Up

Annual Sports 2k25

Glimpses of Sports



Girls Kabaddi Team-Winner



Boys Football Team-Winner



Boys Kho-Kho Team-Runner Up



Girls Throw ball Team- Runner Up



Boys Cricket Team-Runner Up



Girls Box Cricket Team- Runner Up

Parents Meet

A Parents Meet for Computer Science and Engineering students was held on April 12, 2025, in Classroom No-230, organized to discuss students' academic progress and overall development. Dr. S. V. Balshetwar and Principal Dr. Vikram Patil addressed parents, highlighting departmental achievements and student support systems. Class teachers shared detailed academic and attendance reports, followed by an interactive session with active parent participation. The event concluded with a vote of thanks by Prof. K. P. Jagtap, marking a successful and engaging meet.

Glimpses of Parent-Teacher Meeting



Parent Meeting conduction



Guided by Hon.Dr. HOD
S.V.Balshetwar mam



Guided by AMC Coordinator
Mr.Jagtap sir

Facilities



Computer Lab



Library



Digital Classroom



Hostel



Transportation



Wi-Fi Campus



Editor Team

- Rohan Karavande - B.tech, Vice-President, CISCO
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 - Ninad Pawar - TY B.tech, Social Media Coordinator, CISCO
 - Devdas Narale -TY B.tech, Social Media Coordinator, CISCO
 - Prof. Soniya Atpadkar
- 