



IT NEWS LETTER

Department of Information Technology

Accredited by National Board of Accreditation (NBA), New Delhi.

SRES's Sanjivani College of Engineering, Kopargaon – 423603 (MS)

An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune

NAAC 'A' Grade Accredited

Website: www.sanjivanicoe.org.in

Departmental Newsletter

Volume: XII, Issue: II

July 2024



Vision of Department

To develop world class IT professionals through quality education.

Mission of Department

To create Academic Excellence in the field of Information Technology through Education, Industry Interaction, Training and Innovation to improve quality of life of people. We are committed to develop industry competent technocrats with life-long learning capabilities and moral values.

FROM HOD's DESK



Voracious Readers,

Welcome to the new edition of our **Departmental Newsletter!**

In this issue, we're thrilled to share the progress and successes of our team over the past months, along with key updates that showcase our collective efforts in driving success. Celebrating the accomplishments of our team members and the major milestones we've hit. From completed projects to problem-solving innovations, we are proud of our ongoing growth and success. Insights into current projects and initiatives that are making a significant impact on our department and the organization as a whole. Learn about the initiatives that are helping us streamline processes and enhance performance. Highlighting outstanding team contributions and individual achievements. Whether it's exceptional problem-solving, creativity, or collaboration, we recognize the hard work and dedication of our members. We're focused on enhancing efficiency, improving processes, and fostering a culture of continuous improvement. Important updates on new tools, resources, or training opportunities available to help our students perform at its best. Whether it's new software, policies, or development programs, we're committed to equipping you for success.

Thank you for being a part of our journey. Your ongoing contributions are crucial to our continued success, and we look forward to achieving even more together in the months to come.

**Dr. Madhuri Jawale,
Professor and Head**

FROM EDITOR's DESK



Dear Spectators,

Welcome to our department **Newsletter Update!** As your editor, I'm excited to share our latest progress and the collective achievements of our team. This Semester, we've hit some exciting milestones in content creation, design, and distribution. From publishing new features to reaching increased readership, our team has been hard at work ensuring quality and engagement. Celebrating the contributions of our talented team members, students, whether it's through creative storytelling, insightful editing, or attention to detail. Each member's dedication plays a crucial role in the success of our newsletter. A sneak peek into what's coming next! We've got exciting content and special projects lined up, all aimed at enriching the reader experience and deepening our connection with our audience. New tools and techniques we're implementing to enhance the newsletter process, from design enhancements to content optimization strategies. We're constantly evolving to improve both the workflow and the final product.

Thank you for your ongoing support and contributions. We are proud of our team's efforts and look forward to even greater successes in the future. If you have any questions, suggestions, or would like to get involved, feel free to reach out!

**Mrs. Kanchan Patil,
Editor, Department of IT**

NEWS AT GLANCE

- Heartiest Congratulations to **Mast. Rahul Kailas Jagdhane** for securing **27 LPA** Golden package in **Juspay, Bangalore**. Best wishes for future Journey.



- Heartiest Congratulations to **Mast. Sanket Dawange** for securing **16 LPA** package in **Juspay, Bangalore**. Best wishes for future Journey.



- Department of Information Technology under the banner of Lilawati Awards in association with Sanjivani Women Empowerment Cell has organized Poster Competition on occasion of Women's Day Celebration on March 13, 2024. Ms. Bankar Dhanishtha Sanjay received first prize and Ms. Disha Dhakne & Ms. Bhakti Imale received second prize. Honorable Dr. Manali Amitdada Kolhe, Director, Sanjivani Group of Schools along with the Head of IT department, Dr. M. A. Jawale felicitated the students. Dr. V. D. Patil, Department of Humanities and Science was the judge for the same. Mrs. Kanchan Patil worked as a coordinator for the same.



The Parents Meet was held on March 26, 2024, and with the aim of fostering effective communication and engagement between faculty and parents. The objectives of the meet were to ensure the holistic development of students, enhance their success in both academic and extracurricular activities, inform parents about departmental initiatives, provide insights into the exam pattern and assessment methods, and create a platform for feedback and advice etc. The event commenced with a warm welcome to all invitees, followed by Saraswati Poojan conducted by esteemed dignitaries including Dr. A. G. Thakur, Director, and Dr. M. A. Jawale, Head of the IT Department, along with other distinguished guests. Dr. M. A. Jawale highlighted key points about the Department of Information Technology, emphasizing its triple accreditation by the National Board of Accreditation and 'A' Grade NAAC accreditation. Dr. V.M. Tidke discussed the Training and Placement opportunities available to students, including language training in Japanese and German, and highlighted the benefits of such programs. Dr. A. G. Thakur addressed the audience, emphasizing the advantages of Academic Autonomy, Exam Pattern, and CIA activities in enhancing students' self-confidence and communication skills. He also discussed the importance of Coursera courses, skill-based credit courses, and internship opportunities. The staff appealed to parents to motivate their wards to attend classes regularly, be punctual, revise daily, participate in extra activities, and volunteer. Many parents have praised the IT department at Sanjivani COE Kopargaon for its information on the teaching and learning process and many initiatives carried out for kids' overall development. Mr. Sunil Deshmukh, parent of Mr. Soham Deshmukh (FY IT), expressed appreciation for the department's efforts and noted visible changes in his ward's confidence and progress, particularly citing Soham's performance in Skill India at Mumbai. Dr. Chetan Bawankar oversaw the event's planning.



- Let's congratulate our students **Mast. Saurabh Hon** (2024 batch), **Mast. Viraj Adhav**, **Mast. Ishwar Wagh** (2024 batch) on obtaining a global SAP ABAP certification that is recognized all over the world. The title "**SAP Certified Development Specialist - ABAP for SAP Hana 2.0**" has been awarded to each and every learner. Mast. Rohit Maind (2023 batch) and Mast. Saurabh Hon (2024 batch) were hired by MindSprint through this SAP program. Continuing with that, Ms. Sandhya Nikale (2024 batch), Ms. Gavat Rutuja got an internship opportunity at Primus Techsystems, Pune. The coordinator for the department is Mrs. Kanchan Patil.
- In the field of RPA automation tools like UiPath has set Industrial standard. Department of Information Technology has Ui-path Academy Training. Our 98 students from SY and TY have completed "**RPA Automation Explore**" course. Dr. Yogesh Deshmukh is RPA Academy coordinator.

Department of Information Technology, Sanjivani College of Engineering, Kopargaon organized Two Days Workshop on "Android Development" for all the students of S.Y.I.T. The Workshop was conducted on 6th and 7th April 2024. For the workshop, Mr. Satyam Gondhale, Associate Consultant, Globallogic, Pune along with Mr. Ashish Bedmutha were experts for the session. A total of 149 participants attended the workshop. On the first day, during the inaugural function of the training program Mr. Satyam and Mr. Ashish were welcomed by program coordinator, Mrs. Kanchan Patil along with the other faculty members, Dr. C. D. Bawankar and Mr. Umesh Sangule.



TOPPERS OF DEC-2023 EXAM.

BTech. IT

1) Rahane Shital Anna	: 9.09 SGPA (1st)
2) Shinde Pramila Balasaheb	: 8.73 SGPA (2nd)
3) Solanki Savi Hemant	: 8.68 SGPA (3rd)

TY IT

1) Chandar Vaishnavi Chandrakant	: 9.36 SGPA (1st)
2) Warkhade Pradip Rajendra	: 9.14 SGPA (2nd)
3) Jawale Sanskruti Vinayak	: 8.05 SGPA (3rd)

SY IT

1) Hon Shantanu Pradeep	: 9.10 SGPA (1st)
2) Dhakne Disha Bipin	: 9.00 SGPA (2nd)
3) Chavan Aarya Avinash	: 8.95 SGPA (3rd)
3) Gavhane Adesh Bajirao	: 8.95 SGPA (3rd)
3) Pansare Tanuja Anil	: 8.95 SGPA (3rd)



Saurabh Hon
WESCO



Yash Dhage
WESCO



Jatin Bora
WESCO



Jaywant Warkhade
TCS Digital



Shruti Hon
Spinny



Tanmay Shinde
Eidiko



Sandhya Nikale
PRIMUS



Rutuja Gavate
PRIMUS



Priyanka Rahane
Capgemini



Vaishnavi Aher
Capgemini

“True achievement in education lies in growth, curiosity, and the will to keep learning.”



Kulkarni Divya

HSBC



Rahul Jagdhane

JUSPAY



Sanket Dawange

JUSPAY

STUDENT PARTICIPATION

- Happy to share that, our Seminar Paper entitled "EXPLORATORY DATA ANALYSIS FOR THE SURVEY OF SOCIAL MEDIA ON MENTAL HEALTH" is published in IEEE explorer under the guidance of Prof. Umesh Sangule. Congratulations to the authors: Priya Jadhav, Shravani Modhave.
- Happy to share that, our seminar paper entitled "a survey and analysis of textual content based on exploratory data analysis technique and opinion analysis" is published in ieee explorer under the guidance of dr. M. A. Jawale. Congratulations to the authors: atharva puri, gaurav agrawal, akash dukare.
- Happy to share that, our Seminar Paper entitled "Predictive Maintenance of Industrial Equipment using IoT and Machine Learning" is published in IEEE explorer under the guidance of Dr. N. S. Patankar. Congratulations to the authors: Arya Jadhav, Ritesh Gaikwad, Tushar Patekar, Suyog Dighe, Bushra Shaikh.
- Happy to share that, our Seminar Paper entitled "Effects on Economy based on Financial Crisis during COVID with EDA" is published in IEEE explorer. Congratulations to the authors Jalindranath Kangun, Sahil Paik, Pradip Wankhede, Shantanu Dhokale, Sanket Ingle.
- Happy to share that, our Project Paper entitled "An Intelligent cost effective solution for Bus Pass system using IoT" is published in IEEE explorer under the guidance of Dr. N. S. Patankar. Congratulations to the authors: Piyush Shinde and Shreyas Bhor.
- Happy to share that, our Project Paper entitled "An intelligent IoT based Alert System for Water Tank Level, Water Quality and Flow Detection" is published in IEEE explorer under the guidance of Dr. N. S. Patankar. Congratulations to the authors: Vaibhav Lokhande, Shubham Kamandar, Umesh Bobade and Rahul Kolase.
- Happy to share that, our Project Paper entitled "Smart School Bus Intelligence System with Biometric Authentication for Student Attendance & Safety" is published in IEEE explorer under the guidance of Prof. M. S. Kurhe. Congratulations to the authors: Sanket Shelke, Vaibhav Shete, Sachin Sadgir, Abhishek Kusalkar and Ishwar Wagh.

- Happy to share that, our Project Paper entitled " Traffic sign board recognition and alert system using R-CNN" is published in IEEE explorer under the guidance of Dr. R. D. Chintamani. Congratulations to the authors: Pawan gade, sarthak shinde, samarth kolapkar, arati walte, sushil sharma.
- Happy to share that, our project paper entitled "GENERATIVE AI SOLUTION FOR LANE DEPARTURE, PEDESTRIAN DETECTION AND PAVING OF AUTONOMOUS VEHICLE" is published in ieee explorer under the guidance of prof. Umesh sangule. Congratulations to the authors: Aditya Sakure, Kiran Bachhav, Chinmay Bitne, Vaibhav Chopde, Vaishnavi Dhavade.
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- Happy to share that, our Project Paper entitled PRESCRIPTIVE ANALYTICS AND MACHINE LEARNING BASED SOLUTION FOR AVOIDING ACCIDENTS BASED ON WEATHER CONDITIONS is published in IEEE explorer under the guidance of Dr. M. A. Jawale. Congratulations to the authors, Arati Rahane, Priyanka Rahane, Shital Rahane, Kiran Lungade, Vaishnavi Aher.
- Congratulations to Ms. Akshada Chavan, Mast. Vaibhav Vetal, Mast. Swapnil Naikwadi, Ms. Aditi Kadam, Mast. Swaraj Lande for publishing paper "Traffic Congestions Prediction Using Machine Learning and Deep Learning Techniques" in 4th International IEEE Conference on Computation, Automation and Knowledge Management (ICCAKM), 2023 guided by Dr. Yogesh S. Deshmukh.
- Ms. Hiray Srushti, Ms. Akshada Chavan, Ms. Funde Sakshi and Ms. Arya Jadhav participated in Swayasiddha:Youth Festival at Sharadabai Pawar Mahila Arts,Commerce and Science college,Baramati from 14th Feb to 17th Feb 2024.



FACULTY PUBLICATION & PARTICIPATION

- Congratulations to Dr. Yogesh Deshmukh for completion of AWS Academy Cloud Foundation Certification.
- Congratulations to Dr. Rohit Nikam for completing AWS Academy Cloud Foundation Certification.
- Prof. Megha Kurhe for clearing the Wipro Certified Faculty (WCF) Examination as a part of Certified Faculty.
- Congratulations to Prof. Anand Barbind and Prof. Nitin Shelake for successful participation in webinar organized by Intel Unnati ignite.
- Congratulations to Prof. Nitin Shelake for successfully completing AWS Academy Cloud Foundations course.
- 3 of our faculties have been Certified by Virtusa, Dr. Rameshwar Chintamani, Prof. Nitin Shelke, Prof. Prasad Mutkule have shown their commendable performance during "VTOF Program by Virtusa" under which they have been trained and worked upon industry critical use-cases and have successfully completed the project in a given timeline.

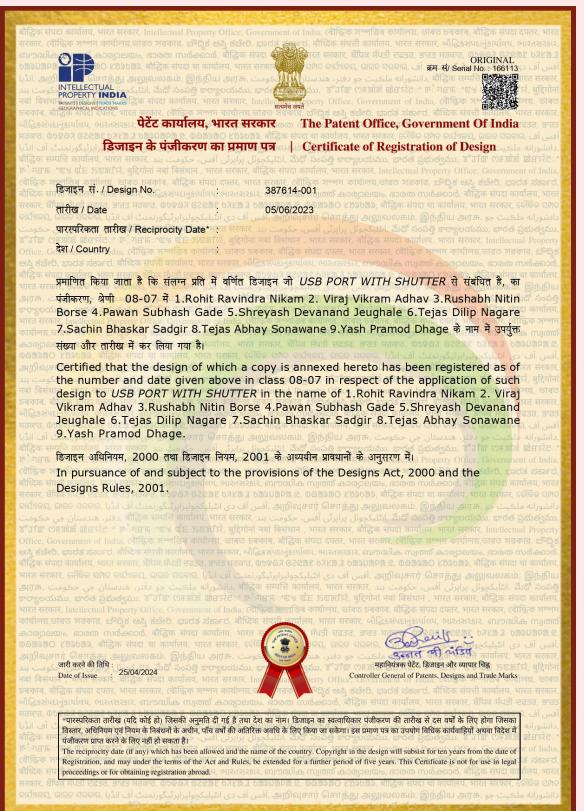


- Congratulations to Dr. Gawali and Second year students for fetching the Consultancy from Mangal Grah Mandir Trust.



Heartiest Congratulations to Dr. Rohit Nikam and B. Tech students, Mast. Bhide Shekhar Vishnu, Mast. Chopade Vaibhav Pandurang, Mast. Hon Saurabh Kalyan, Mast. Kusalkar Abhishek Laxman, Ms. Phapale Abhijit Balasaheb, Mast. Shinde Piyush Chandrakant, Mast. Wagh Ishwar Santosh, Ms. Hon Akansha Dwarkanath for granting Design Patent UNIVERSAL WIRELESS CHARGER

Heartiest Congratulations to Dr. Rohit Nikam and Final year B. Tech students, Mast. Viraj Vikram Adhav, Mast. Rushabh Nitin Borse, Mast. Pawan Subhash Gade, Mast. Shreyash Devanand Jeughale, Mast. Tejas Dilip Nagare, Mast. Sachin Bhaskar Sadgir, Mast. Tejas Abhay Sonawane and Mast. Yash Pramod Dhage Granting Design Patent USB port with Shutter



Heartiest Congratulations to Dr. Yogesh Deshmukh and SY Students for granted design patent on SMART SEWAGE MONITORING SYSTEM.andro

Heartiest Congratulations to Dr. Yogesh Deshmukh for conducting Hands-on workshop on “Online Portfolio Development for Entrepreneur” for Sanjivani Entrepreneur Development Cell.





STUDENTS ACHIEVEMENTS

- Happy to share that for Bosch (BOROSA) Hackathon 03 teams from our department are received selection call for the Final Round... Following are the selected Teams:
 - 1. Byte Brigade:** Vaishnavi Chandar, Shruti Khandagale, Ishwari Patil
 - 2. The Tech Trio:** Mungase Kaveri, Pradip Warkhade, Swaraj Lande
 - 3. The Byte Bikers:** Om Ushir, Priya Jadhav, Shantanu Dhokale
- Heartiest Congratulations to Mr Pradip Warkhade, Ms. Kaveri Mungase and Mr. Swaraj Lande for securing 1st Runner Up position at BOROSA 24 National Hackthon organised by Bosch Global Software Pune.
- I appreciate the efforts of Prof. Umesh Sangule for his guidance and mentorship. It was 2-days Bosch Road Safety (BOROSA) Hackathon at Bosch Global Software Technologies on 2nd and 3rd of April. Out of 140+ teams who registered, our team was among the 25 Teams who showcased innovation and passion in developing solutions for enhanced rider safety.

Happy to share that for DIPEX-24 State level competition three teams from our department are selected for the representing our college in Competition held at Mumbai during 7th March 2024 to 10th March 2024. Following are the selected Teams Members: Mast. Pratik Jadhav (TY), Mast. Danish Khan (TY), Mast. Shantanu Dhokale (TY), Mast. Atharva Puri (TY), Mast. Vaibhav Vetal (TY), Mast. Akshay Urmude (TY), Mast. Pardip Warkhade (TY), Miss. Siddhi Amle (TY), Miss. Kaveri Mungase (TY), Miss. Sakshi Funde (TY), Mast. Abhay petkar (SY), Mast. Farhan Pathan (SY), Miss. Janhavi Rakibe (SY), Miss. Shweta Salunke (SY), Miss. Apurva Phapale (SY). Dr. Nikhil Patankar and Prof. Umesh Sangule guided the students.

Some glimpses of the Event :





- EDP cell organized a Innovative Idea competition on 21st March 2024. Our Team, Ms. Kaveri Mungase, Ms. Siddhi Amale, Ms. Warkhade Pradip, Ms. Vetal Vaibhav, Ms. Akshay Urmude designed a model, "The Smart Gas Spectro Stick" is a smart device designed to detect harmful gases in sewer tanks.



- Happy to share that One group from Third Year received First Prize in TECHNOFEST 2024 held at G. N. Sapkal College of Engineering, Nashik. They win Cash Prize of Rs. 3000/- Team Members were Mast. Gavade Vishal (Team leader), Ms. Shirasath Komal, Ms. Nale Prerana, Ms. Kulkarni Sakshi.



- Outstanding Sports Achievements by IT Students We are delighted to announce the remarkable accomplishments of our Information Technology students at the recent college gathering. Their exceptional talent and teamwork were evident across various sports: **Football**: Both the boys' and girls' teams demonstrated exceptional skill and determination, securing victories in their respective matches. **Kabaddi**: Under the leadership of captain Sakshi Funde, the IT girls' team exhibited remarkable strength and agility, earning the championship title. **Handball**: The IT team displayed exemplary coordination and effort, claiming victory in the handball competition. We extend our congratulations to all participants for their outstanding performances. Special recognition goes to Dr. Madhuri Jawale Head of the Department, and other faculty members for their gracious distribution of prizes.





● We are pleased to announce the commendable achievement of the Information Technology girls at our gathering event. Their captivating performance of the "Jogva" song earned them the runner-up position, showcasing their dedication to artistic excellence. Participants Ahire Harshada, Snehal Athare, Bhusari Shatakshi, and Imlae Bhatki delivered an outstanding choreography that mesmerized the audience and distinguished them in the cultural activities segment. The award was presented by Ms. Manali Mam and The Head of the IT Department Dr. Madhuri Jawale and Others Teachers staff, recognizing their remarkable talent and contribution to the event. Congratulations to our talented IT students for their exemplary performance and for bringing honor to our department.



● Heartily Congratulations to Mr. Ashwin Satpute for Silver medal in 59 Kg state powerlifting, and selected for Nationals at New Delhi.



● We are delighted to announce that Snehal Athare, a dedicated student from SY IT, has successfully obtained the German A1 certificate. This accomplishment reflects Snehal's hard work and commitment to mastering the German language. We applaud Snehal for this significant achievement and wish them continued success in their language learning journey.

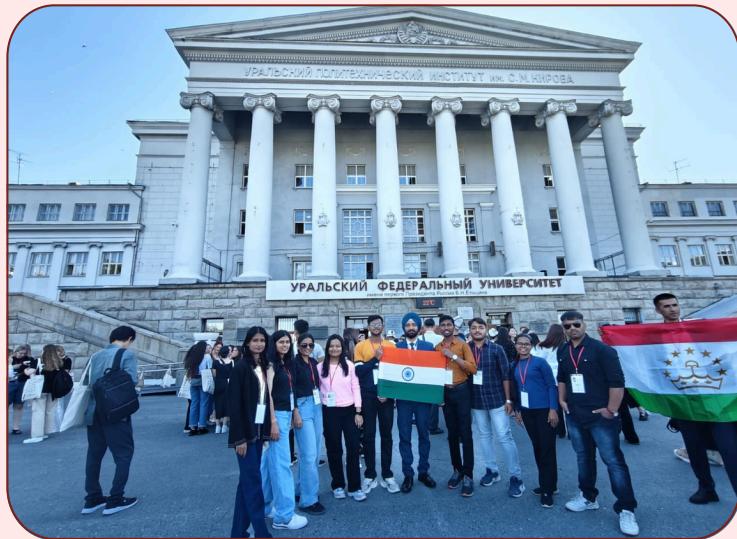


● Happy to share that Kotkar Akshay Nandu been recognized as an NPTEL Discipline Star for Jan-Apr 2024. He honored to receive this Certificate of Appreciation from NPTEL for his dedication and performance in the Computer Science and Engineering discipline. This achievement reflects commitment to continuous learning and excellence in the field.



● Student Represents Sanjivani at Summer University, Russia

Students from Sanjivani Group of Institutes successfully participated in the prestigious Summer University Russia at Ural Federal University, Yekaterinburg, from 4th July 2024 to 22nd July 2024. This opportunity was made possible through the Sanjivani International Relations Cell (SIRD) after a rigorous selection process.

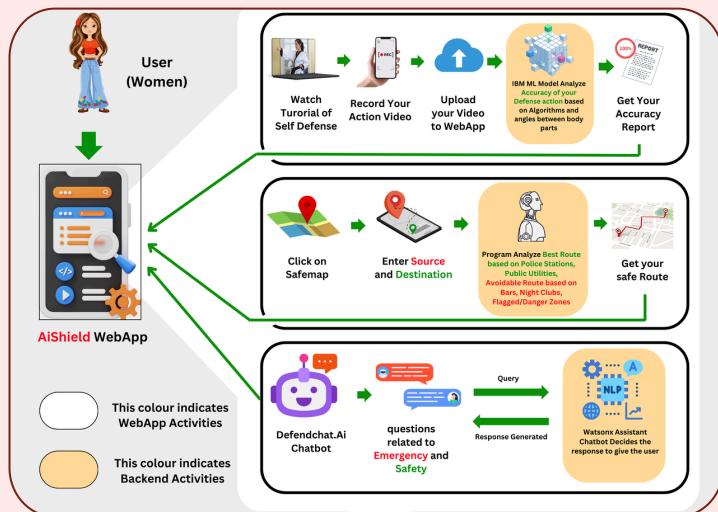


The program provided valuable global exposure, enhancing academic and cultural understanding. Professor Jasvinder Singh accompanied the students, ensuring a smooth and enriching experience. This achievement highlights Sanjivani's dedication to international learning and academic excellence.



STUDENTS ARTICLE

● AIShield – Empowering Safety Through Innovation



● In the upcoming IBM Hackathon project presentations, I will be presenting AIShield, a safety-focused AI application that my teammate Nikhil Kute and I will be developing under the mentorship of Prof. M. S. Kurhe. As students of TY IT, we will aim to address one of today's most pressing concerns—ensuring personal safety, especially for women, through accessible and intelligent technology.

AIShield will be designed as a web-based platform that will provide users with interactive self-defense training powered by AI. It will use real-time posture analysis to guide users in learning and refining techniques. Alongside this, we will integrate a smart navigation system that will suggest the safest routes by analyzing the proximity of police stations, hospitals, and user-marked risky zones. We will also build an AI chatbot to offer legal support, emergency tips, and personalized defense advice, all in one place.

The main objective of this project will be to empower individuals to protect themselves using the tools of artificial intelligence. Many people, particularly women and students, often feel vulnerable while commuting or being in unfamiliar places. Through AIShield, we will try to bridge the gap between safety awareness and real-time preparedness by creating a platform that is practical, responsive, and easy to use.

We will further plan to expand this solution by exploring voice-activated SOS alerts, wearable device integration, and real-time feedback without needing to upload videos. By January, during our final presentation, we hope to demonstrate a prototype that reflects how AI can not only support but transform the way personal safety is approached.

This project will represent our commitment to applying our technical skills for a meaningful cause, and I look forward to showcasing AIShield as a symbol of innovation with impact in the upcoming IBM Hackathon.

- Prof. M. S. Kurhe (Faculty Mentor)
 Krushna Shinde (TY IT)
 Nikhil Kute (TY IT)

ITERA EVENTS

- ITERA celebrated a landmark moment with the inauguration of its first Handball Sports event. The ceremony was graced by esteemed figures including Dr. Madhuri Jawale, Dr. Yogesh Deshmukh, Miss Megha Kurhe, and Sangule sir, alongside enthusiastic students. Dr. Madhuri Jawale, Head of the Department, presided over the event, emphasizing ITERA's commitment to fostering sportsmanship and community involvement.



- Under ITERA Sport Event **"Tug of War"** was organized on 23/03/2024. For the event 50 students participated. From Male Teams, SY BBA was the winner and From Female Teams, TY IT girls were the winners.



- ITERA organized **"BGMI competition"** for all the students of Sanjivani Group of institutes on 24/02/2024. For the competition 81 students participated. The winners are as follows – Duo winners Nikhil Chavan & Siddharth, Duo MVP Siddharth Bawake. Squad MVP Aditya Dhakre, Squad winner Ritesh Rajput, Aditya Dhakre, Divyanshu Singh, Tejas Katore.



- Under ITERA banner **"Debate Competition"** was organized on 12/03/2024. For the competition 12 students participated. The winners are as follows – Gosavi Niranjan & Kharde Sonali, Sneha More & Magar Swarup runner up.



- A Social Activity was conducted on 12/03/2024. For the activity 56 students were present. We visited lions deaf dumb & physically handicapped school, kopargaon.



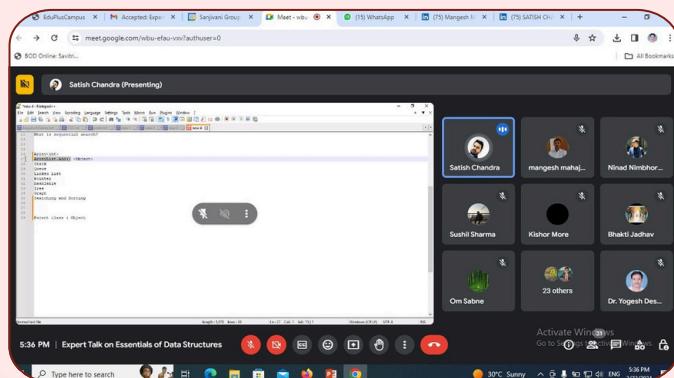
CSI EVENTS

Following are the different activities conducted by CSI :

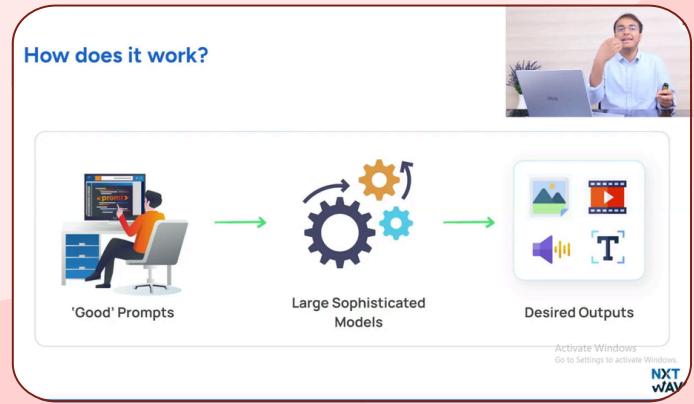
- The First event conducted was “**Programming Contest**”. Objective of the event was to improve the Technical and Programming skills of students. Total 60 students from F. Y. B. Tech Information Technology and Computer department participated in the event. It was conducted on 21st Feb 2024 at 6.30 pm. Mr. Vedant Gaikwad (FYIT Div-H) was Runner-up and Mr. Prajwal Mhase (FYIT Div-J) was the winner.
- The Second event conducted was Expert Lecture on “**Essentials of Data Structures**”. Objective of the event was to improve the Technical skills of students. Total 50 students from Final Year B. Tech Information Technology and Computer Department attended the Expert Lecture. It was conducted on 22nd Feb 2024 at 5.00 pm. Mr. Satish Chandra Maurya, Project Lead, Atos Syntel and Mr. Mangesh Mahajan, Engineering Lead, Persistent Systems was the resource person for the same.



- The Fourth event conducted was workshop on “**Generative AI**”. Objective of the event was to improve the Technical skills of the students. Total 100+ students from FY, SY, TY and Final Year B. Tech (IT) have attended the workshop. It was conducted on 16th March 2024 at 12.30 pm. Mr. Trivikrama, AI Master and IIT Delhi Alumnus (AIR 99) was the resource person for the same.



- The Third event conducted was Expert talk on “**Placement and Higher Studies Opportunity**”. Objective of the event was to improve the Technical and extracurricular skills of students. Total 130 students from F. Y. B. Tech Information Technology and Computer Department attended the Expert Lecture. It was conducted on 6th March 2024 at 1.00 pm. Mr. Paresh Gugale, Founder, Imperial Institute of Excellence, Pune was the resource person for the same.



The Importance of Continuous Learning and Skill Development for a Successful IT Career

- As technology evolves at a rapid pace, what we learn in college often isn't enough to prepare us fully for the demands of the IT industry. While foundational knowledge in computer science is important, the skills required in today's tech jobs go beyond what's covered in textbooks and lectures. To thrive in the IT sector, continuous learning and hands-on experience are essential.

1 College Education vs. Industry Expectations:

- In college, we gain theoretical knowledge about programming languages, algorithms, and systems. However, in the real world, employers are looking for professionals who not only understand concepts but can also apply them practically to solve complex problems. That's why it's crucial to upgrade our skills beyond the classroom by gaining hands-on experience.

2 Practical Experience and Skill Enhancement:

- It's not enough to just know a programming language or a framework; you need to be able to demonstrate your skills through real-world projects. Internships, coding bootcamps, and personal projects are great ways to build practical experience. The more you code and experiment with different technologies, the more prepared you'll be to tackle industry challenges.

3 Stay Updated with Trending Technologies:

- The IT landscape is constantly changing, and certain technologies are dominating the industry. Some of the in-demand skills today include:
- AI & Machine Learning: Understanding how to work with AI APIs and integrate machine learning models is a valuable skill.
- Mobile Development: Ionic is a popular framework for building cross-platform mobile apps.
- Cloud Computing: Proficiency in AWS (Amazon Web Services) and understanding cloud infrastructure is increasingly critical.
- DevOps: The combination of development and operations is crucial for improving workflow efficiency.
- Frontend Frameworks: React and Angular continue to lead in front-end web development, and knowing these frameworks can significantly boost your career prospects.



4 Never Stop Learning:

- In the ever-changing tech world, it's essential to keep learning. Whether it's new programming languages, frameworks, tools, or software, the key to staying relevant in the industry is to continuously improve your knowledge and skills. Be proactive in learning about the latest trends, attending tech meetups, and participating in online courses to stay ahead of the curve.

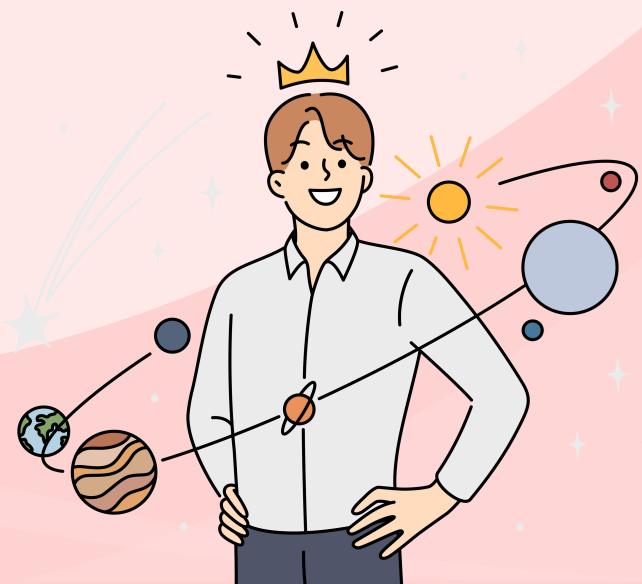
5 Dream Big and Work Hard:

- As you embark on your career, remember to think big. Set ambitious goals for yourself and work tirelessly to achieve them. Whether you aspire to become a software architect, a data scientist, or a cloud expert, the sky's the limit. Pursue your dreams with passion and dedication, and don't be afraid to take risks and try new things. The key to staying relevant in the industry is to continuously improve your knowledge and skills. Be proactive in learning about the latest trends, attending tech meetups, and participating in online courses to stay ahead of the curve.

6 Final Thoughts: Be Confident and Achieve Your Goals

- As you embark on your career, remember to think big. Set ambitious goals for yourself and work tirelessly to achieve them. Whether you aspire to become a software architect, a data scientist, or a cloud expert, the sky's the limit. Pursue your dreams with passion and dedication, and don't be afraid to take risks and try new things. The key to staying relevant in the industry is to continuously improve your knowledge and skills. Be proactive in learning about the latest trends, attending tech meetups, and participating in online courses to stay ahead of the curve.

- Sai Mahale (2016 Batch)



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Graduates of IT program should possess knowledge of fundamental concepts in mathematics, science, engineering and technology as well as skills in the field of Information Technology for providing solution to complex engineering problem of any domain by analyzing, designing and implementing.

PEO2: Graduates of IT program should possess better communication, presentation, time management and teamwork skills leading to responsible and competent research, entrepreneurship and professionals, will be able to address challenges in the field of Information Technology at global level.

PEO3: Graduates of IT program should have commitment to societal contributions through communities and life-long learning.

EDITORIAL BOARD



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PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Attain the ability to provide software solutions by applying knowledge of Data Structures & Algorithms, Databases, Web Technology, System Software, Soft Computing and Cloud Computing.

PSO2: Apply the knowledge of Computer Hardware & Networking, Cyber Security, Artificial Intelligence and Internet of Things to effectively integrate IT based solutions.

PSO3: Apply the knowledge of best practices and standards of Software Engineering for Project Management.

