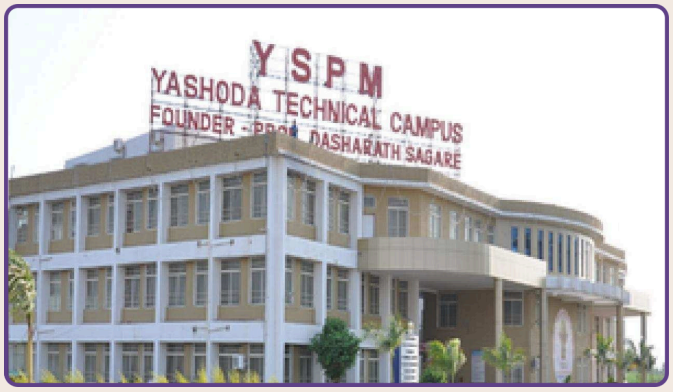
Yashoda Shikshan Prasarak Mandal's

Yashoda Technical Campus, Satara.

CISCO-TALK MAGAZINE



January - Jun 2021

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Vision of Department:-

To lead in technical, quality education, innovation, research for development of sustainable & inclusive technology for the society.

Mission of Department:-

- **M1 :** To create ambience of academic excellence through state of art infrastructure
- **M2 :** To create student-centric pedagogy that will lead to employability.
- **M3 :** To create a software engineering professional with knowledge of multidisciplinary fields, can provide innovative products & service to society.
- **M4 :** To train and motivate the students for lifelong learning, employability, and entrepreneurship

Program Educational Objectives (PEOs)

PEO1: Equipped to analyze and solve industry problems using a strong foundation in engineering sciences and computer science and engineering.

PEO2: Skilled in solving real-world problems in a multidisciplinary environment using modern tools and techniques.

PEO3: Developed into an ethical IT professional who contributes to societal and environmental progress.

Program Specific Outcomes (PSO's)

PSO1 : To be able to give solution in networking, OOP, web development, cloud, IOT on real life application using open source software.

PSO2 : To be able to acquaint with modern trends in industry/research giving novel solution to existing social problems.

Publications

Sr. No.	Title of paper	Name of the author/s	ISSN Number
1	Smart Health Consulting Android Applications	Dr. Sarita V. Balshetwar, Ms. Snehal S. Dhokate, Ms. Kiran V. Shinde, Ms. Amruta A. Kalugade, Mr. Shubham J. Mohite,Mr. Akash S. Gade	eISSN: 2349-5162
2	Automated Visual Assessment From Optical Data Sets To Enhance The Accuracy Of Data Analysis	Syed Khasim, Neelamadhab Padhy, Sarita V Balshetwar, G Sivakumar, Shaik Shakeer Basha, PN Jeipratha	2008-8109
3	Air Quality Monitoring System Using Arduino	Ashwini Patil , Nikhita Chougale ,Gayatri Mule	e-ISSN:2395-0056,p-ISSN:2395-0072

Research

Sr. No.	Title	Inventor's Name	Patent Number
1	AWS Cloud Data Performance Improved using Machine and Deep Learning Programming	Dr.Sarita vitthal Balshetwar	2021101128
2	Predict Whether Income Exceeds Defined Set Threshold Per Year Using Deep Learning	Dr.Sarita vitthal Balshetwar	202114007440

Achievement

Congratulations!

Sr. No.	Participants	Name of event	Name of Activity
1	Patil Shweta P,Patil Shweta S,Nale Sayali, Patil Aishwarya	Project Name-Fake News Detection using ML	Best Project of the Year
2	Desai Sayali,Shinde Harshda ,Shinde ujjwala,Veer Priyanka.	Project Name-Dam Automation using IOT	Best Project of the Year

Technical Articles

Smart Health Consulting Android Application

With the rapid advancement of technology, healthcare services have evolved significantly. The Smart Health Consulting Android Application provides a seamless digital platform for remote medical consultations. This innovative application enables users to connect with healthcare professionals, access medical records, and receive instant health advice from the comfort of their homes. Equipped with AI-powered chat support and appointment scheduling, the app enhances healthcare accessibility, especially during emergencies. Users can also receive personalized health tips, medication reminders, and symptom analysis, making healthcare more efficient and patient-friendly. The integration of telemedicine and digital health solutions ensures a reliable and convenient experience for both doctors and patients.-Ms. Snehal S. Dhokate, Ms. Kiran V. Shinde(BTech)

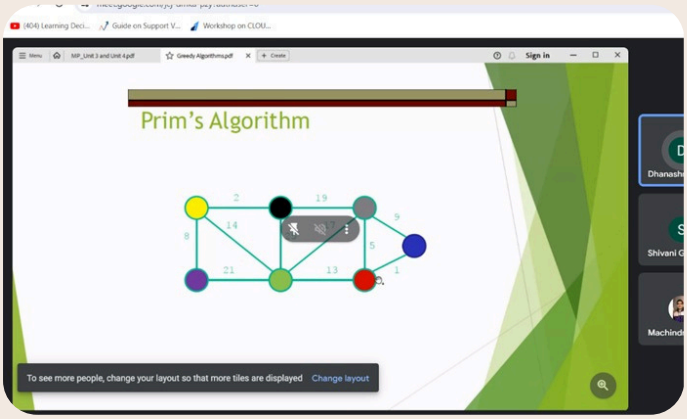
Automated Visual Assessment from Optical Data Sets

With the rapid advancement of AI and machine learning, Automated Visual Assessment from Optical Data Sets has become a significant innovation in data analysis. This technology leverages high-precision image processing and intelligent algorithms to enhance accuracy and efficiency. By automating visual assessment, it minimizes human errors, accelerates data interpretation, and improves decision-making in fields such as healthcare, remote sensing, and industrial inspection. The integration of deep learning models allows for real-time pattern recognition and anomaly detection, ensuring reliable and efficient data processing. This innovation contributes to smarter, data-driven solutions across various industries-Syed Khasim, Neelamadhab Padhy(BTech)

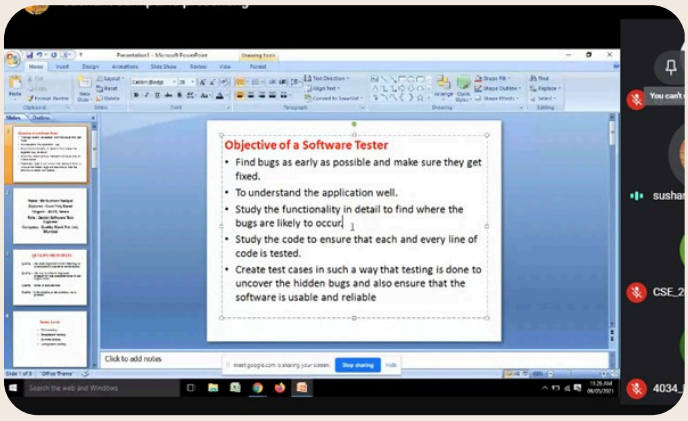
Air Quality Monitoring System Using Arduino

With growing environmental concerns, the Air Quality Monitoring System Using Arduino has emerged as an efficient solution for real-time pollution tracking. This system utilizes Arduino-based sensors to measure key air quality parameters such as carbon dioxide (CO_2), particulate matter (PM), temperature, and humidity. The collected data is processed and displayed on an LCD screen or transmitted wirelessly for remote monitoring. By providing accurate and instant air quality insights, this system helps in detecting pollution levels, enabling timely actions for a healthier environment. Its cost-effectiveness and ease of implementation make it suitable for smart cities, industries, and residential areas.Ashwini Patil , Nikhita Chougale ,Gayatri Mule(BTech)

Activities



Expert Session on Real time application of greedy approach of algorithm design (01/03/2021)



Career in Software Testing, Prerequisites and Opportunities (08/05/2021)

Online Expert Session on "Green Computing" (20/03/2021)

Facilities

Computer Lab

Library

Digital Classroom

Hostel

Transportation

Wi-Fi Campus

Editor Team

- **Mr. Ashish Jadhav- BTech ,CISCO**
- **Mr.Aniruddha- TY ,CISCO Nalawade**
- **Ms.Vaibhavi- SY ,CISCO Deshpande**
- **Prof. U M Bhokare**