Yashoda Shikshan Prasarak Mandal's

Yashoda Technical Campus, Satara.

CISCO-TALK MAGAZINE

January - June 22

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	Blockchain based record date management system using artificial intelligence	Dr. G G Chiddarwar, Dr. S V Balashetwar, Dr. B Vasagi	1303-5150
2	Smartphone User Behaviour Predication Using AI	Mayur Ramesh Chavan, Akshay Avadhut Kulkarni, Mohammad Kaif Shakil Mulla, Ashish Hanmant Mahadik, Omkar Jagnnath Waghmare, Dr. S V Balshetwar	2321-9653
3	Cursor Global Positioning framework	Prof. K P Jagtap, Pranav Mithari, vishwesh Mangrule, Sarina sheikh, Saif Sheikh.	-
4	A study On:learning Management System (LMS)for Education in Cloud Technology	Prof.U.M.Bhokare,Aniruddha S.nalawade ,Snehal S.Shinde,Amruta R.Widhate,Prajkta M.shinde	-
5	Chatbot for Children Assistance	Ankita Dadaso Raskar, Akshata Santosh Dongare, Afrin Salim Inamdar , Rutuja Bharat Kamble, , Pranali Laxman Patil, Dr. S V Balshetwar	2321-9653
6	Customer recommendation and notification using artificial intelligence and machine learning	Dr. S V Balashetwar, Dr. GG Chiddarwar, Dr. B Vasagi	1303-5150

Research

Sr. No.	Title	Inventor's Name	Patent Number
1	Content-based image retrieval shape features using deep Learning	Dr. S.V. Balshetwar	202221011557

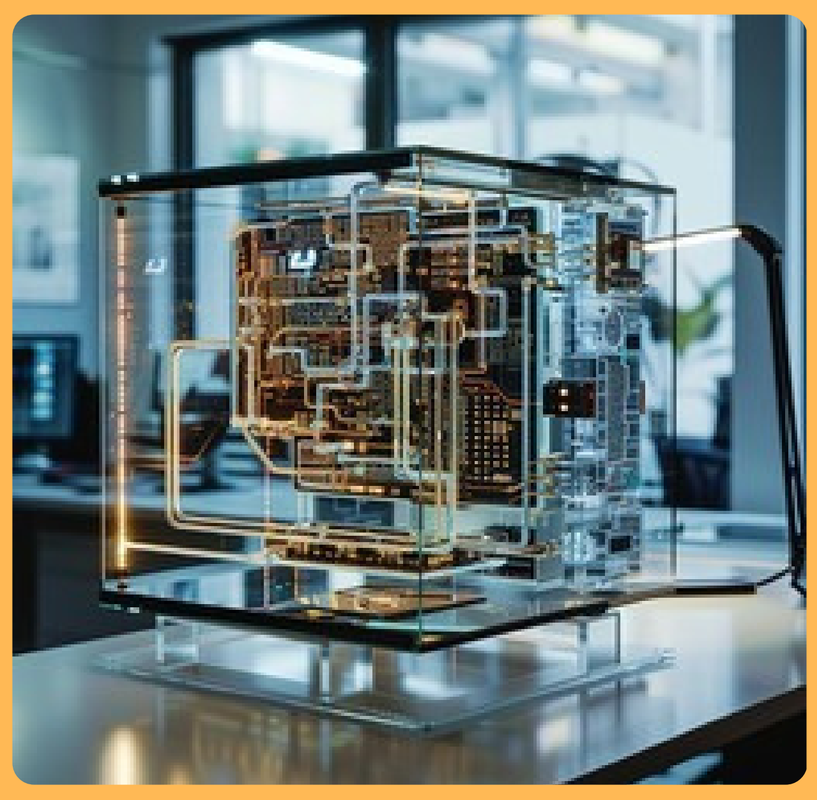
Achievements

Congratulations!

Sr. No	Students Name	Title of Activity	Prize
1	Nalawade Aniruddha Sanjay,Shinde Prajakta Maruti,Vidhate Amruta Rajendra,Shinde Snehal Suryakant	Project Name-Learning Management System	Best Project of the Year
2	Mithare Pranav Rajesh,Mangrule Vishwesh Ravindra,Shaikh Saif Dilawar,Shaikh Sarina Sameer	Project Name-Cursor Global Positioning Framework	Best Project of the Year
3	Shruti Somnath Kesarkar,Darshana Vinod Katre,Musale Pratiksha Manohar	Cummins Scholarship	Awarded a Cummins Scholarship

Technical Articles

Quantum Computing: The Future of Technology

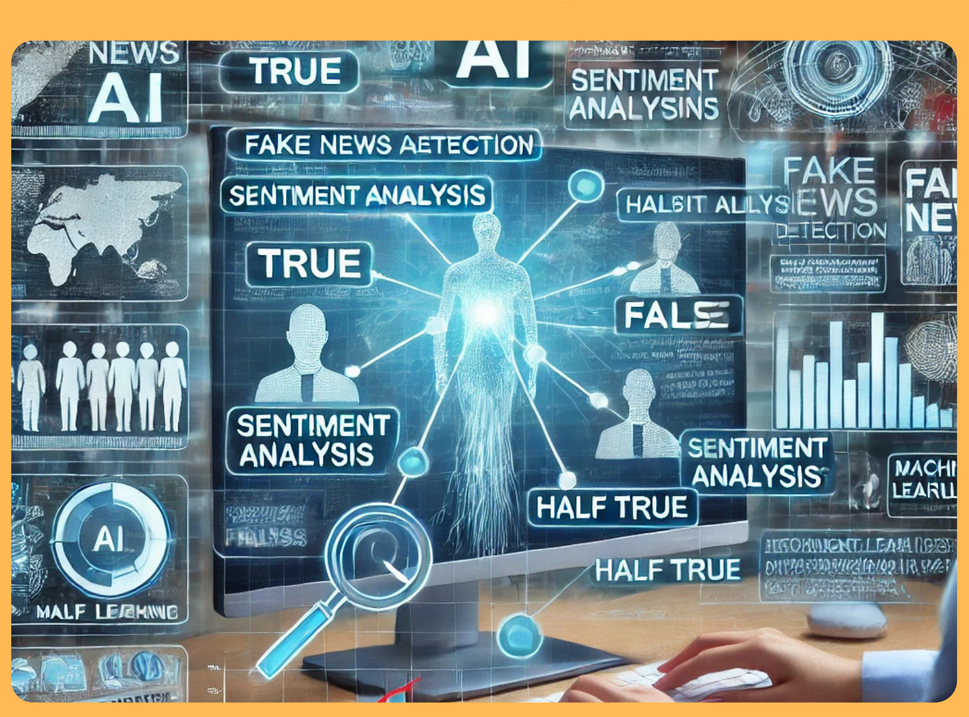


Quantum computing is revolutionizing the world of technology by leveraging the principles of quantum mechanics to process information at unprecedented speeds. Unlike classical computers that use bits to represent data as 0s and 1s, quantum computers use quantum bits or qubits. These qubits can exist in multiple states simultaneously, allowing for faster and more efficient computation. In 2021-2022, quantum computing made significant progress with companies like IBM and Google pushing the boundaries of quantum hardware and software. Quantum algorithms promise breakthroughs in fields like cryptography, material science, and artificial intelligence (AI). However, challenges like error correction and quantum coherence still need to be solved before quantum computing becomes widely accessible.

Chatbot For Children Assistance

During Covid 19 Pandemic for online study of primary school students Government of Maharashtra developed a whatsapp chat assistance called “Convegenius”. It was beneficial for student during weekly test as it was interactive. Students got familiar with it easily. There is no any other such application available for students below age of seven which help them in study and their daily activity. So we propose making of a voice chatbot for children of age group 3 to 7 to assist them in their activity and bind them to study with entertainment. And the main motivation we found that the majority of a chatbot users it gives a motivation for using a chatbot. It was very effective and efficient to use. Machine Learning and artificial intelligence are fast growing technologies and are used in any area to make human activities easy and fast. Multifunctional chatbot assistance built using this technology will help children in day to day activity.Children assistant is very useful for children and it is very innovative for them. It facilitates help to do daily work of children and their studies also. This is Help children to solve their different questions and also solve health issues between them .It is also helpful for their parents to overcome the care for their children. At present, children are also familiar with the every technology so, our project is very helpful for them to make their entertainment medium helpful

Fake news detection in social media based on sentiment analysis using classifier techniques



Fake news on social media, has spread for personal or societal gain. Detecting fake news is a multi-step procedure that entails analysing the content of the news to assess its trustworthiness. The article has proposed a new solution for fake news detection which incorporates sentiment as an important feature to improve the accuracy with two different data sets of ISOT and LIAR. The key feature words with content’s propensity scores of the opinions are developed based on sentiment analysis using a lexicon-based scoring algorithm. Further, the study proposed a multiple imputation strategy which integrated Multiple Imputation Chain Equation (MICE) to handle multivariate missing variables in social media or news data from the collected dataset. Consequently, to extract the effective features from the text, Term Frequency and Inverse Document Frequency (TF-IDF) are introduced to determine the long-term features with the weighted matrix. The correlation of missing data variables and useful data features are classified based on Naïve Bayes, passive-aggressive and Deep Neural Network (DNN) classifiers. The findings of this research described that the overall calculation of the proposed method was obtained with an accuracy of 99.8% for the detection of fake news with the evaluation of various statements such as barely true, half true, true, mostly true and false from the dataset. Finally, the performance of the proposed method is compared with the existing methods in which the proposed method results in better efficiency.

Activities

Sr. No.	Title / Event Name	Resource person with designation	Name of the Industry/ Organization/ Institute	Period/ Date (21-22)
1	Guest Lecture on Discrete Mathematics	Ms. Swati Rasal, Assistant Professor	KBP	10/01/2022
2	Workshop on Green Computing	Mr. Navnath Jadhav, Manager	Tata Motors	31/03/2022
3	Guest Lecture on Hands on PHP	Mr. Ajinkya More, Web Developer	Soft Solutions	14/06/2022
4	YashoTech Fest 2022	Mr. Vikas Gaikwad, CEO	Webotix PVT.LTD	09/07/2022
5	Farewell Program for Final Year Students	Dr. D. S. Badkar, The Principal	Yashoda Technical Campus	20/07/2022
6	Industrial Visit	Mr. Sachin Sonale, TCS Consultant	Rayat Science & Innovation Center	14/02/2022
7	NSS Activity –Project Exhibition	Dr.R.P.Kulkarni, Principal of Engg. And Polytechnic	Yashoda Technical Campus	11/04/2022
8	Yoga for Students	Mr.V.K.Redasani, Campus Director	Yashoda Technical Campus	21/06/2022

Activities

Yasho Techfest 2022 (10/07/2022)

Farewell Program (21/07/2022)

Parents Meet(28/06/2022)

Guest lecture on “PHP” (14/06/2022)

Guest Lecture on “Discrete Mathematics”(10/01/22)

Facilities

Computer Lab

Library

Digital Classroom

Hostel

Transportation

Wi-Fi Campus

Editor Team

- **Mr. Shreyas Parkhi - SY,CISCO**
- **Mr. Ayush Soni- TY,CISCO**
- **Miss Neha Bobade - SY,CISCO**
- **Prof. K P Jagtap**