



Yashoda Shikshan Prasarak Mandal's
Yashoda Technical Campus, Satara.

CISCO-TALK MAGAZINE

July - Dec 21

**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.

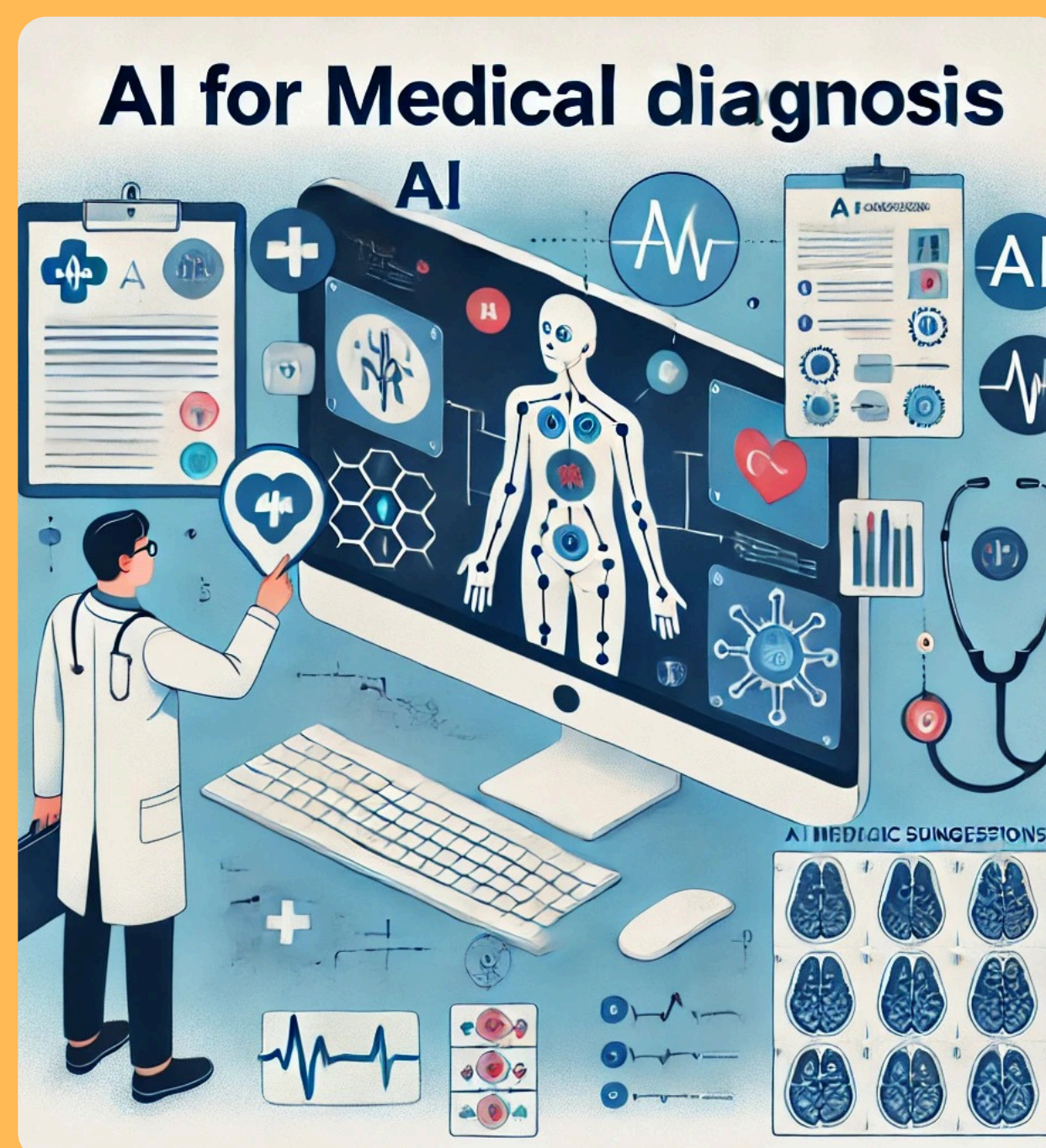
PEO3: Developed into an ethical IT professional who contributes to societal and environmental progress.

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.

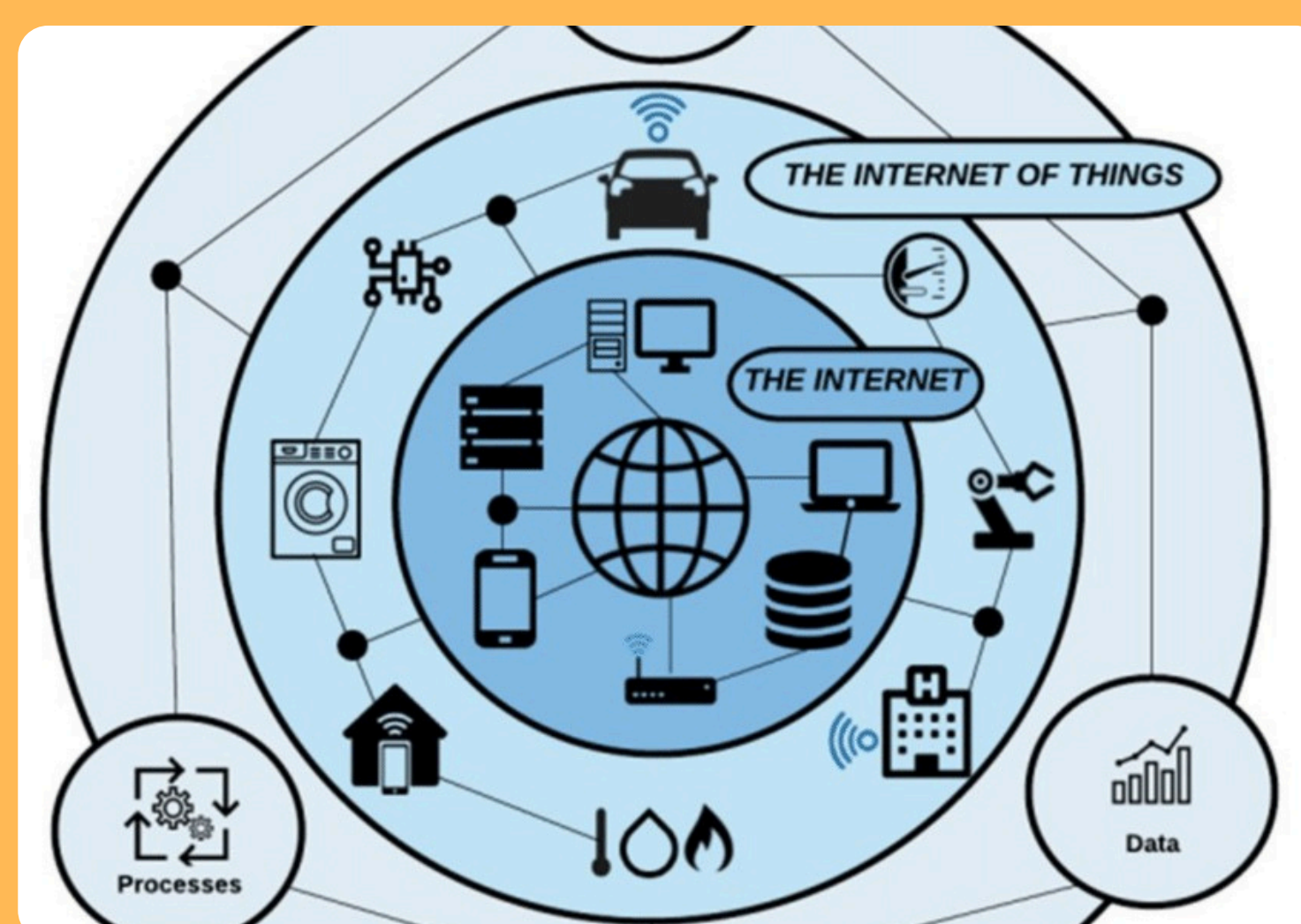
PSO2 : To be able to acquaint with modern trends in industry/research giving novel solution to existing social problems.

Artificial Intelligence in Healthcare: Revolutionizing Medicine



Artificial Intelligence (AI) has been making significant strides in healthcare, particularly in 2021-2022. AI algorithms are being used to analyze medical data, such as X-rays, MRI scans, and genetic information, to help diagnose diseases more accurately and quickly. Machine learning models are also being used to predict patient outcomes, recommend personalized treatments, and streamline administrative tasks like scheduling and billing. AI's role in drug discovery is also growing, with models predicting how new drugs will interact with the human body. The integration of AI in healthcare is not without challenges, such as data privacy concerns and the need for proper regulation, but it holds immense potential to save lives and reduce healthcare costs.-Pathan Sahil (BTech),Jadhav Vishal(SY)

Blockchain Beyond Cryptocurrencies: Decentralized Applications (DApps)



Blockchain technology is much more than the foundation for cryptocurrencies like Bitcoin. In 2021-2022, blockchain's potential in fields like decentralized finance (DeFi), supply chain management, and even voting systems became a significant focus. A blockchain is a decentralized, distributed ledger that records transactions in a secure, transparent, and immutable way. This makes it ideal for applications that require transparency and accountability. Decentralized Applications (DApps) are software applications that run on blockchain networks, offering enhanced security and reducing the reliance on centralized authorities. For example, blockchain is revolutionizing supply chain transparency by allowing consumers to trace the journey of a product from manufacturer to store. Additionally, blockchain-based voting systems are gaining traction as a means to ensure fair, tamper-proof elections. In 2022, the adoption of blockchain in enterprise-level applications grew, with industries exploring how to implement this technology to streamline processes and improve security.-Bhosale Tejashree (BTech) ,Nalawade Hrishikesh(TY)

AI in Cybersecurity: Protecting Digital Assets



Artificial Intelligence (AI) is playing an increasingly vital role in cybersecurity, especially as cyber threats become more sophisticated. AI algorithms are being used to detect anomalies in network traffic, identify potential vulnerabilities, and prevent cyber-attacks in real-time. In 2021-2022, AI-driven solutions like machine learning-based malware detection and predictive analytics became critical for businesses aiming to safeguard their data and systems from evolving cyber threats.-Patil Saksh(BTech),Amardeep Pawar(TY)

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



**SDP on “Programming with C++”
(12/09/21 to 16/09/21)**



Wadhe, Maharashtra, India

**SDP on “Programming with C++”
(12/09/21 to 16/09/21)**

Facilities



Computer Lab



Library



Digital Classroom



Hostel



Transportation



Wi-Fi Campus

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