"Predicting the future isn't magic, it's Artificial Intelligence."
- Dave Waters

STAFF EDITOR :
Prof. MAYA BANGAR

From HOD's Desk :

The department of Computer Science and Engineering in Artificial Intelligence and Machine Learning was established with an aim of promoting high quality education in the field of Science and Technology. We focus on imparting the core science underlying the computing aspects, so that students cope easily with today's modern and upgrading technologies. We also strive to bridge the theory-practical gap by applying continuous effort in teaching, learning and by periodically measuring the outcomes. Every effort is made to constantly improve the results of the students.

Our department inculcates technical, analytical and communication skills in students that would suffice for any job in the current challenging world. Our department provides a suitable environment that enables students to follow their instincts of learning and doing innovative things.

Our department is leading the way to meet challenges of the future by equipping students with the skill set that is required in industry.

Prof. Shraddha Subhedar

VISION:
To be among renowned institution in Computer Science and Engineering (CSE) in Artificial Intelligence and Machine Learning education and research by developing globally competent graduates.

MISSION:
M1. To produce quality Engineering graduates by imparting quality training, hands on experience and value education.
M2. To pursue research and new technologies in Computer Science and Engineering in Artificial Intelligence and Machine Learning across interdisciplinary areas that extend the scope of Computer Engineering and benefit humanity.
M3. To provide stimulating learning ambience to enhance innovative ideas, problem solving ability, leadership qualities, team-spirit and ethical responsibilities.

ACTIVITIES CONDUCTED BY THE DEPARTMENT

"Move Ahead with JAVA"

JAVA Training Program **"Move Ahead with JAVA"** Conducted by **"Yugandhara Gaware"** in the duration **04/09/2023 to 20/10/2023.** Mainly it was arranged for final year students.

The primary objective was to enhance students employability by preparing them for the industry's requirements, particularly for placements and professional roles requiring Java proficiency.

Webinar on Popular Destinations for Studying Abroad

"Studying Abroad" webinar has conducted by our department on dated **13 Oct, 2023** it offers an invaluable opportunity for individuals aspiring to pursue international education. Hosted by experts in the field, the webinar provides a comprehensive overview of the benefits, challenges, and essential considerations associated with studying abroad. Attendees can expect to gain insights into the various academic programs, scholarships, and admission processes available at renowned international institutions. By the end of the session, attendees can expect to be well-informed and empowered to make informed decisions about their international education aspirations.

NASA Space App Challenge

Aryan Nagbanshi, Sahil Suryawanshi, Sahil Nikshe, Umar Balak has been nominated to participate in the global judging phase of the prestigious "NASA Space Apps Challenge" an international event on **8 September, 2023** that happens worldwide within 48 hours in different countries.This event focuses on collaborative problem solving with a goal of producing relevant open source solutions to address global needs applicable to both lives on Earth and in space.

SMART INDIA HACKATHON

The International Space Apps Challenge is a "SMART INDIA HACKATHON" is Conducted on **26 September, 2023** that happens worldwide in different countries. A faculty member from the CSE-AIML department, **"Prof. Dinesh Singh Dhakar"** served as Student"s Coordinator for the session leveraging his expertise and sharing valuable insights.

An Educational Seminar on Cybersecurity

Our Department held **"An Educational Seminar on Cybersecurity"** on **7th of August 2023.** The seminar was an enriching session focused on imparting practical knowledge and skills. Introduction to cyber security, digital forensics, and ethical hacking, Hands-on exercises and coding challenges provided practical application of concepts.

Agenda of Seminar:

- Q&A to cyber security doubts.
- Cloud security
- Discussed on ethical hacking cyber security

Parent-Teacher Meeting

Parent teacher meeting has been conducted on **15 September 2023** the agenda for the meeting covered various aspects, including academic progress, behavioral observations, and extracurricular activities. Additionally, parents had the chance to discuss any concerns or queries they had about their child's education and well-being.

INTERNSHIP AT NIT JAMSHEDPUR

Our student **"Yadnyesh Khotre"** Third Year Engineering from the Department of Computer Science and Engineering in Artificial Intelligence and Machine Learning have done a training and skill internship at NIT Jamshedpur from **5th July to 4th August 2023.**

NPTEL CERTIFICATION

Sr. No.	Name	Course Name	Score(%)
1	Tanmay Chavan	Data Structure and Algorithm Using JAVA	82
2	Harshita More	Data Structure and Algorithm Using JAVA	82
3	Aryan Nagbanshi	Data Structure and Algorithm Using JAVA	81
4	Om Sawant	Cyber Security and Privacy	58
5	Disha Patil	Cyber Security and Privacy	50
6	Gunjan Wadke	Ethical Hacking	49

Dissemination of Mini Project : 1A

Dissemination on Mini Project was conducted on **30 July, 2023** by **"Prof. Yugandhara Gaware"**. Purpose of this is to make student aware about scheme along with course object and course outcome of it. For second-year students, understanding the importance of dissemination is crucial as it serves multiple purposes in academia and professional development.

Dissemination of Mini Project : 2A

"Prof. Snehal Gavale" conducted dissemination for Third year student for Mini Project on **30 July, 2023**. Purpose of this is to make student aware about scheme along with course object and course outcome of it. It contributes to the growth of knowledge within a specific field and allows researchers to engage with peers, receive feedback, and establish their presence in the academic community.

Dissemination of Major Project : 1

Dissemination for final year student has been conducted by **"Prof. Dinesh Singh Dakar"** for Mini Project on **07 July, 2023** respectively. dissemination extends beyond academia into the professional world. For students entering various industries, the ability to effectively communicate ideas and findings is a valuable skill.

TEACHER'S DAY

On **5th September, 2023**, Teacher's Day celebrations has been conducted. The function took place in the auditorium of the college. All the departments of the college were beautifully decorated by the students for Teachers' Day. The students of various departments, along with the help of the Student's Union, organized a function for the teachers.

INDUCTION AISA

Our Department of Computer Science and Engineering in AIML held its annual Induction Event on **October 11, 2023**. The event aimed to welcome new students, provide an overview of the department, and foster a sense of belonging within the academic community.

Blood Donation

The Blood Donation Drive organized on **September 13, 202**3 exemplifies the power of collective action and the positive impact educational institutions can have on their communities. By organizing events that promote social responsibility, colleges can play a crucial role in addressing critical healthcare needs and fostering a culture of giving back.

NPTEL CERTIFICATION

Sr. No.	Name	Course Name	Score(%)
1	Shraddha Subhedar	Cloud Computing	77
2	Varsha Nawale	Programming Data Structure and Algorithm using Python	69
3	Dinesh Singh Dakar	Deep Learning	75
4	Snehal Gavale	Big Data Computing	85
5	Rashmi Saratkar	Fundamental of Artificial Intelligence	64
6	Amita Raman	Computer Graphics	72

PATENT PUBLICATION

The Patent publication has been achieved on **"Method and System For Maintain The Privacy and Security of Mental Health Data Inventors"** by **Mr. Umesh Shankar Pinjarkar** on date of filing **4 October, 2022** and date of publication on **11 November, 2022**

PUBLICATIONS OF DEPARTMENT

Sr. No	Title	Name	Details of Publication	Year
1.	Survey and Comparative analysis of various Learning Management System Fostering Self learning	Shraddha Subhedar, Rashmi Saratkar	International Conference on Innovation teaching and exuberant learning (i-CiTel)	22nd to 24th June, 2023
2.	Crowdfunding Campaigns Web Application Using Metamask	Umesh Pinjarkar	6th IEEE International Conference on Advance in Science & Technology (ICAST 2023)	8th and 9th December 2023
3.	Power Ballot: Exploring Block Chain Technolgy	Umesh Pinjarkar	Technical Session scheduled in ISMS-2023 6th International Conference on Information Systems and management Science	24 December 2023
4.	Crypto's fund Hub: Crowd Funding platform using Blockchain	Umesh Pinjarkar, Rishabh Gupta, Tushar Patil, Anish Todkar, Schinkumar Yadav	No LEGEIN Journal of Operations Research and Management	December 2023
5.	Web based morse code translator	Umesh Pinjarkar, Aayush Kadam, Sourabh Popalghat, Kulshri Kasbe	DST - SERB Sponsored International conference on Advance IOT at NIST, Berhampur, Odisha	Jan 2024
6.	AI base Virtual Mouse using Hand Gestures	Umesh Pinjarkar, Prathamesh Pawar, Vedant Bhosale	Journal of control and Instrumentation	December 2023
7.	Gesture Connect Gesture Recognition for Sign Langunage	Umesh Pijarakar, Heena Shaikh, Kaustubh Sonkusale,	Current trends in signal processing	December 2023

E-YANTRA

E-Yantra is an initiative conducted on **6 October, 2023** by the Indian Institute of Technology (IIT) Bombay aimed at fostering robotics education and research. It primarily focuses on enhancing the skills of students and educators in the field of embedded systems and robotics. The program is designed to provide hands-on experience in robotics and automation, encouraging practical learning and innovation.

E-Yantra conducts national-level robotics competitions that challenge students to design and develop innovative robotic solutions to real-world problems. e-Yantra collaborates with colleges and universities to set up robotics labs equipped with necessary hardware and software. The initiative conducts training programs and workshops for teachers and students to enhance their understanding of robotics concepts and applications. These programs aim to bridge the gap between theoretical knowledge and practical implementation.

APTITUDE SESSION

The aptitude session conducted on **14 July to 3 October 2023** by **"Abhishek Chauhan"** aimed to enhance participants' problem-solving and critical thinking skills, crucial for success in academic and professional settings. The session focused on assessing and developing numerical, logical, and analytical abilities through a variety of exercises and assessments.

THALASSEMIA AWARENESS SYMPOSIUM

The Rotaract club has organized "Thalassemia Awareness" seminar on **September 26, 2023**. Main objective of this seminar to spread about the thalassemia, dispelling myths and misconceptions. **Mr. Jitendra Jadhwani**, the speaker, shared a captivating story to introduce thalassemia. He is charter Secretary and past president of RC Millennium City Navi Mumbai. Ha has been in rotary since 29 years. Students demonstrated the ability to communicate effectively with the speakers during the event. The insights gained will inform future initiatives, ensuring an ongoing effort to raise awareness and support for thalassemia patients.

Student's Placement for 2023-24

Name of the Student	Name of Organization
Chandrashekhar Robbi	Qspider Campus Connect
Riya Gujar	Itellipaat Solutions Pvt Ltd
Yahya Shaikh	Qspider Campus Connect
Sakshi Shinde	Qspider Campus Connect
Shriparna Jadhav	Jaro Education
Chetan Soni	Qspider Campus Connect
Manasi Mhatre	Qspider Campus Connect
Harshal Pendse	Upskill Tech Solutions
Darshana Nemane	Qspider Campus Connect
Manal Mhatre	Itellipaat Solution Pvt Ltd
Avishkar Patil	Qspider Campus Connect
Pranali Kapse	Pentagon Space Pvt Ltd
Prachi Patil	Qspider Campus Connect
Pranit Sakpal	Qspider Campus Connect