



Vasavi College Of Engineering (Autonomous)

CSE NEWS BULLETIN

Department of Computer Science & Engineering
Ibrahimbagh -500031

VOLUME 16 ISSUE-1, AUGUST-2024

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OUR VISION

To be a center for imparting Computer Science and Engineering education and to serve as a valuable resource for the industry and society.

OUR MISSION

To enable the students to develop logic and problem solving approach to help build their careers in the field of computing and provide creative solutions for the benefits of the society.

PEO'S

1. Solve problems in a modern technological society as valuable and productive engineers.
2. Function and communicate effectively, both individually and within multidisciplinary teams.
3. Be sensitive to the consequences of their work, both ethically and professionally, for productive professional careers.
4. Continue the process of life-long learning

1. Professional Bodies

A. Computer Society of India (CSI)

- **Hackathon on Generative AI (March 15-16, 2024):** Conducted by CSI Student Branch Coordinators for B.E 2/4, 3/4, and 4/4 CSE & CSE-AIML students.
- **Next-Gen Fusion Workshop on “Prompt Engineering” (April 6, 2024):** Conducted for B.E II, IV, and VI semester CSE & AIML students, featuring **Mr. Manikant Kandkuri**, AIML Expert, Knowledge ML
- **Guest Lecture on “Career Guidance” (April 23, 2024):** Conducted for B.E VI semester CSE-A students.

2. Co-Curricular/Extra-Curricular

A. Guest Lectures Organized

- **Guest Lecture on Artificial Intelligence (February 24, 2024):** Conducted by **NxtWave**, featuring **Mr. Trivikram**, AI Expert. Organized for VI semester CSE A, B, and CSE (AI&ML) students.
- **Guest Lecture on “Career Guidance” (April 23, 2024):** Conducted for B.E VI semester CSE-A students.

B. Workshops Organized

- A workshop on “Data and Analytics Fundamentals” was conducted by Mr. Devarshi Mishra, Data Practice Delivery Leader, along with Mr. Raj and Mr. Sunil, CT Product Development-Data Practice Lead, from EY Global Delivery Services, for BE VI Sem CSE A, B, and CSE (AI&ML) students on 21.02.2024.
- **Next-Gen Fusion Workshop on “Prompt Engineering” (April 6, 2024):** Conducted for B.E II, IV, and VI semester CSE & AIML students, featuring **Mr. Manikant Kandkuri**, AIML Expert, Knowledge ML
- A workshop on “Computer Vision and Its Applications” was conducted by Ms. Lakshmi and Mr. Ram from Pantech eLearning Pvt. Ltd., for BE V Sem AI&ML students on 11.10.2023.

3. Achievements

A. Students

All winning teams were honored with certificates and cash prizes for their outstanding projects in the GEN- AI HACKATHON held in March 15-16, 2024.

- **First Prize - Team Infiniverse (Rs. 4000/-):** Developed an innovative **Video Summarizer** to efficiently condense video content while retaining key information.
- **Second Prize - Team Code Cognoscenti (Rs. 2000/-):** Created an interactive tool for **Visualization of Algorithms with Custom Inputs using OpenAI**, enhancing learning and understanding of algorithmic processes.
- **Third Prize - Team Code Freaks (Rs. 1000/-):** Implemented **Invisible Watermarks for Anti-Counterfeiting using GAN and U-NET**, providing a robust security solution against counterfeiting.
- **Fourth Prize - Team Tech Titans:** Designed a **Conversational Fashion Output Generator**, integrating AI to provide personalized fashion recommendations through interactive conversations.

B. Awards and Recognitions to faculty

- Dr. T. Priyanka obtained her Ph.D. degree on 7th March 2024 from Andhra University. Her Ph.D. thesis title is "Effective Aspect-Based Opinion Summarization Using Optimization and Transfer Learning." Her research work is in the area of Natural Language Processing, where she used deep and transfer learning techniques for solving the research problem.
- K. Manisha completed a course on "Artificial Intelligence using Python," organized by Infosys (Springboard) at the National Level in April 2024.
- Dr. P. Kalpana received a certificate of appreciation from NPTEL in the discipline of Computer Science and Engineering for being recognized as an NPTEL Discipline Star. This certificate was awarded to candidates who have got certified in courses of the same discipline, completed more than 50 weeks of learning, and scored a final score of 55 or above in June 2024.
- S. Vinay Kumar achieved Elite + Gold recognition and a merit of the top 1% score in the NPTEL course on Foundations of Cloud IoT Edge ML at the National Level in April 2024.
- T. Jalaja achieved Elite + Gold recognition and a merit of the top 2% score in the NPTEL course on "Cloud Computing and Distributed Systems" at the National Level in March 2024.
- T. Jalaja received a certificate of appreciation from NPTEL in the discipline of Computer Science and Engineering for being recognized as an NPTEL Discipline Star. This certificate was awarded to candidates who have got certified in courses of the same discipline, completed more than 50 weeks of learning, and scored a final score of 55 or above in April 2024.

4. Paper Publications

- Dr. Nagaratna Hegde and B Varija released a paper titled "An Automated Analytics Framework for Stock Trend Analysis from Multi-Modal Data" in the International Journal of Electronics and Communication Engineering in January 2024.
- Dr. M. Sunitha Reddy and Dr. T. Adilakshmi published the paper "Creating a weighted hybridization approach for a music recommendation system to tackle significant challenges inherent in recommendation systems" in the International Journal of Intelligent Systems and Applications in Engineering (IJISAE) in February 2024.
- Dr. R.Santosh Kumar published An Improved Cryptanalysis of Multiprime RSA with specific forms of Decryption exponent in the Cryptologia (Taylor -Francis free journal) in January 2024
- Dr. D. Baswaraj and 5 other authors released "Pothole Detection Based on Random Forest and CNN Method" in the Indonesian Journal of Electrical Engineering and Computer Science (IJECS) in February 2024.
- Dr. E. Shailaja , N. Sunanda, K. Shailaja, Prabhakar Kandukuri, Krishnamoorthy, Vuda Sreenivasa Rao, and Sanjiv Rao Godla published "Enhancing IoT Network Security: ML and Blockchain for Intrusion

Detection" in the International Journal of Advanced Computer Science and Applications (IJACSA) in April 2024.

- Dr. Nagaratna Hegde, Deepika Mallampat published a paper titled "Enhanced Detection of Text and Image Spam Using Cost-Sensitive Deep Learning " in the International Journal Traitement du Signal June 2024.

5. Alumni Activities Conducted

- A session on “Introduction to Databases” was given by Mr. Veerendra Thati, Data & AI Architect, Microsoft Services, Hyderabad, for IV-Semester CSE on 17/02/2024.
- A session on Data Science and Generative AI in Healthcare was given by Mr. Nitin Singh, Lead Data Scientist for Sanofi, Alumni of 2012, for IV-Semester CSE on 23/03/2024.

6. Placements

DATE	COMPANY	NO. OF PLACEMENTS (CSE)	NO. OF PLACEMENTS (CSE - AI & ML)
18-Jan-2024	D.E. Shaw India Pvt Ltd	1	-
22-Feb-2024	Human Cloud	1	-
30-Mar-2024	Qualcomm	3	-
09-Feb-2024	TCS - Digital	4	3
09-Mar-2024	TCS - Ninja	10	4
18-Apr-2024	Gap Inc.	-	1
15-Mar-2024	Sagility Health	3	-
30-May-2024	EPAM	10	-
18-Jun-2024	EffiaSoft Pvt Ltd	2	1
06-Jun-2024	BizAcuity Solutions Pvt Ltd	1	-
22-Jun-2024	Glory Global Solutions	1	2