



EAST
POINT

COLLEGE OF ENGINEERING &
TECHNOLOGY



Algnite

DEPARTMENT OF ARTIFICIAL INTELLIGENCE
AND DATA SCIENCE



VOLUME - 1
ISSUE - 2



PREFACE:

1 VISION/MISSION/PEO & PSC

2 EDITORIAL BOARD

3 ABOUT THE DEPARTMENT

4 MESSAGE FROM HOD

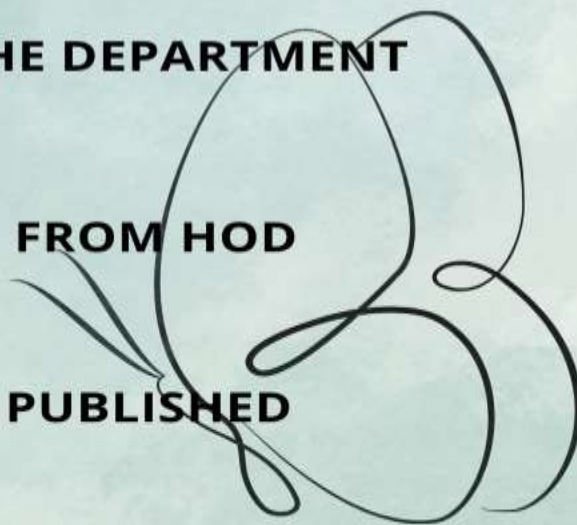
5 PATENTS PUBLISHED

6 FACULTY ACHIEVEMENTS

7 STUDENTS ACHIEVEMENTS

8 PLACEMENTS

9 EVENTS CONDUCTED





**EAST
POINT**

COLLEGE OF ENGINEERING &
TECHNOLOGY

DEPARTMENT OF AI & DS

VISION

The department orients towards identifying and exploring emerging global trends in the fields of Artificial Intelligence and Data Science through academic excellence and quality research, producing proficient professionals for a flourishing society.

MISSION

- M1. To nurture students with quality education, life-long learning, values and ethics.
- M2. To produce ethical and competent professionals through comprehensive and holistic methodologies that align with the global industry demands in Artificial Intelligence and Data Science.

Program Educational Objectives (PEOs)

- PEO 1 : Graduates will possess the ability to apply their knowledge of fundamental engineering, Computer Science and Data Science.
- PEO 2 : Graduates will have sound intercommunication skills, ethical values and responsibilities to work and serve for the development of the society.
- PEO 3 : Graduates will be able to understand, interpret, model and implement the Artificial Intelligence and Data Science based solutions for real world problems.



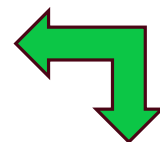
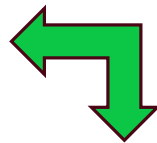
**EAST
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**COLLEGE OF ENGINEERING &
TECHNOLOGY**

DEPARTMENT OF AI & DS

Program Specific Outcomes (PSOs)

- PSO 1. To cater and enhance the analytical and technical skills of the graduates in order to be ready for the professional development, research and pursue higher education.
- PSO 2. To formulate solutions for the real-world problems with the application of basic engineering principles and technical skills of Artificial Intelligence and Data Science.



FROM EDITORIAL TEAM

Dear Readers,

As members of the Artificial Intelligence and Data Science Department, we are thrilled to present the latest edition of our newsletter. Our team, comprising four dedicated students and guided by the expertise of our esteemed faculty member, aims to bring you insightful updates and perspectives from the forefront of AI and data science.

Expertise in AI algorithms, data analysis, and implementing AI solutions. We have achieved notable milestones with several patents in AI and data analytics, reflecting our innovative research. Faculty have earned accolades for their research and contributions, showcasing our department's excellence. Students have received significant recognition and awards, highlighting their outstanding capabilities. Events Conducted such as webinar on AI tools for product companies, Generative AI applications, and mastering MongoDB And Guest lectures regarding the Insights from industry leaders on AI and Data Science trends And Club Events such as Practical applications in AI and Data Science.

We hope you find this newsletter informative and inspiring as we continue to explore the limitless possibilities of AI and data science together.

THE EDITORIAL TEAM



Dr Vanshika
Rastogi



Dhakshil Reddy C
IEP22AD015



Kushi P
IEP22AD030



Chandana V
IEP22AD012



Divya Chethana
IEP22AD016

ABOUT THE DEPARTMENT

The Department of Artificial Intelligence and Data Science was established in the year 2021 with a vision of exploring the emerging trends in the domain of AI and training the students as professionals who can excel in the field and help for the betterment of the society. The Department has a team of well qualified and experienced faculty members who deliver the required skills to the students through a 360' teaching-learning environment. The faculty members are dedicated to impart not only the curriculum based formal education but also teaches beyond the curriculum to make the students ready for the upcoming challenges in the market. The Department faculty members have a good interest in research and have several publications in reputed journals, conferences and multiple patents to their name.

The students of the Department are continuously mentored and motivated by the faculty members for the continuous improvement and participation in different activities. The students are motivated not only for academic excellence but also for the research & development. Also, the students are facilitated with the placement training sessions for a better opportunity.

MESSAGE FROM HOD



Dr. Anand R HOD, Dept. of AI & DS
East Point College of Engineering
and Technology, Bangalore-49.
M: 9845671299 ,
Email: hod.ai.ds@eastpoint.ac.in

I am pleased to share this message in our department newsletter, highlighting recent events and achievements of our students and faculty. These updates inspire participation in various activities and competitions.

We have successfully organized guest lectures, workshops, conferences, and competitions, with our students winning numerous accolades. These experiences help them develop valuable skills and expertise in the latest technologies.

Our AI & DS team is dedicated to nurturing student's strengths and fostering their growth into well-rounded individuals. This newsletter aims to communicate the positive developments within our department, creating a vibrant and encouraging environment.

I extend my sincere gratitude to our students and faculty for their dedication and efforts. Wishing you all continued success!

Title:- AI BASED SMART WATER PURIFIER

Inventor Name: Dr. Vanshika Rastogi

Publication Date: 29-07-2024

Published Patent Link:

https://search.ipindia.gov.in/DesignQRStatus/PDF_View.r.aspx?AppNo=NDI1MTMOLTAWMQ==&CNo=MTgwODI5



Dr Vanshika Rastogi
Associate Professor

The patent covers the design of an AI-based smart water purifier, which includes features such as real-time water quality monitoring and automatic filtration adjustments. The purifier uses advanced sensors to detect impurities and contaminants in the water, ensuring optimal filtration performance. The AI algorithms analyze the data collected by the sensors to adjust the filtration process dynamically, providing clean and safe drinking water.

FACULTY

SL NO.	NAME	DESIGNATION
1.	Dr Anand R	Professor & HOD
2.	Dr Sudhanshu Saurabh	Associate Professor
3.	Dr Vanshika Rastogi	Associate Professor
4.	Prof Anil Kumar S	Assistant Professor
5.	Prof Harsha N	Assistant Professor
6.	Prof Sumitra PP	Assistant Professor
7.	Prof Pooja PP	Assistant Professor
8.	Prof Rajani Kumari	Assistant Professor

FACULTY ACHIEVEMENTS



FACULTY ACHIEVEMENTS



STUDENTS ACHIEVEMENTS



STUDENTS ACHIEVEMENTS



STUDENTS ACHIEVEMENTS

SHE KNOWS AI-HACKATHON



Name: Keerthana M

Department: AI & DS

Date: 05/12/2024

**Secured 2nd Position in She Knows AI
organized by AWS**

SheKnowsAI: A Thrilling Two-Day Hackathon Experience.

The SheKnowsAI hackathon, organized by the Aspire For Her foundation in collaboration with AWS, was an exciting two-day event packed with learning, competition, and inspiration.

Day I: The AI Exploration & Qualification Round The first day was all about exploring various AI tools. Participants faced an initial quiz that tested their knowledge, and only the top performers qualified for the next round—the actual hackathon.

STUDENTS ACHIEVEMENTS

SHE KNOWS AI-HACKATHON

Day 2: The Hackathon Challenge On the final day, each qualified participant was placed into teams of five, tasked with solving real-world problems using AWS services. It was an intense and engaging challenge that brought out the best in every team. Our team secured the Second Prize (First Runners-up) a moment of pride and achievement! All participants were rewarded with exciting goodies, and lunch was provided, making the experience even more enjoyable. A Special Moment: Learning from the BestBeyond the competition, the hackathon featured inspiring speakers, including Shreya Krishnan, former Mrs. India. Her words left a lasting impact, motivating participants to push boundaries and strive for excellence. The SheKnowsAI hackathon was more than just a competition; it was a celebration of innovation, collaboration, and empowerment!



PLACEMENTS



EAST POINT COLLEGE OF ENGINEERING &
TECHNOLOGY

**Department of
Artificial Intelligence & Data Science
2024-25**

Congratulations!



Lavanya U

for getting placed in NTTData

With best complements from: Dept. of Ai & DS

With best complements from: Dept. of Ai & DS

for getting placed in NTTData

Lavanya U

EVENTS CONDUCTED

WEBINAR

Department: Artificial Intelligence and Data Science

Event Title: Prompt Engineering

Date: 27th July 2024

Time: 10:00 AM

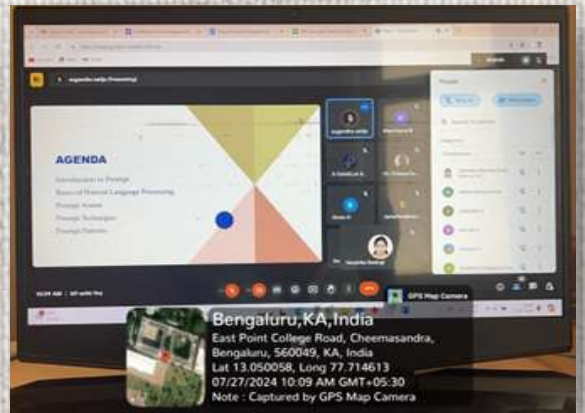
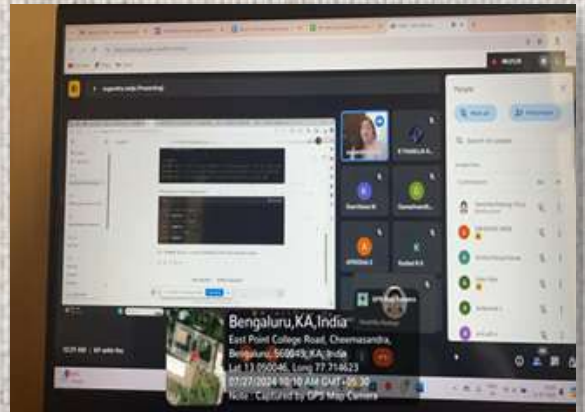
Program Objective: Students were able to Tell the relation between Prompt and LLM. Write a prompt on their own. Create a prompt. Use different tools for prompt generation and usage.

1. Names of the Resource Persons/Chief Guests/guests/Guests of Honors//Other's Mention : Ms. Sugandha
2. Designation/s : Capability Development Manager at EXL Services India Pvt. Ltd.
3. Company's Name/Associations : at EXL Services India Pvt. Ltd., Noida.



EVENTS CONDUCTED

WEBINAR (PHOTOS)



EVENTS CONDUCTED

GUEST LECTURE

Department: Artificial Intelligence and Data Science

Event Title: Seminar Nurturing Entrepreneurial Mindset for Atmanirbhar Bharat 2027

Date: 14th September 2024

Time: 10:00 PM – 12:30 PM

Program Objective: "Nurturing Entrepreneurial Mindset for Atmanirbhar Bharat 2027" focuses on empowering individuals and businesses to contribute to India's self-reliance. This event brings together leaders, industry experts, entrepreneurs, and policymakers to discuss strategies for an entrepreneurial mindset that can drive innovation, economic growth, and sustainable development.

1. Names of the Resource Persons/Chief Guests/guests/Guests of Honors//Other's Mention : Ms Saloni
2. Designation/s :Translator for Prime Minister's speeches at the Press Information Bureau-PM Unit
3. Company's Name/Associations : Government of India (GOI)

EVENTS CONDUCTED

GUEST LECTURE (PHOTOS)



EVENTS CONDUCTED

COOKING WITHOUT FIRE

Department: Artificial Intelligence and Data Science

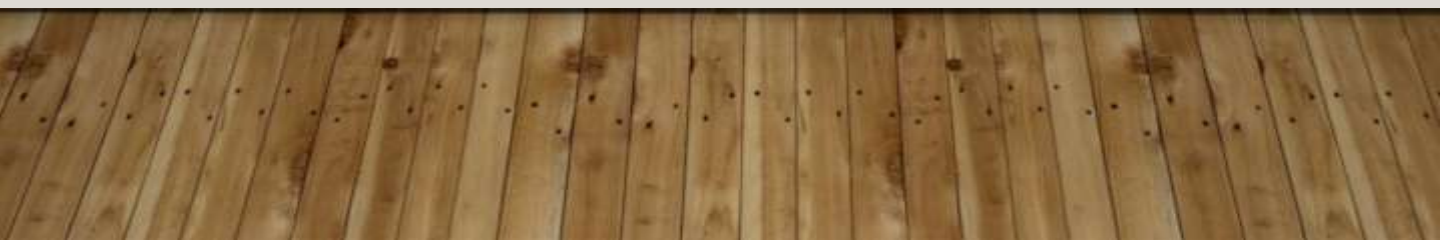
Event Title: Cooking Without Fire

Date: 10th Feb 2024

Time: 10:00 AM

Program Objective: stepping away from the flame and exploring fireless cooking methods unlocks a treasure trove of culinary advantages. From preserving precious nutrients to fostering a cooler, safer kitchen environment, these techniques offer a unique and versatile approach to food preparation.

1. Names of the Resource Persons: Prof. Harsha N
2. Designation/s : Assistant Professor
3. Company's Name/Associations : East Point College of Engineering and Technology, Bangalore



EVENTS CONDUCTED

MOMENTS (PHOTOS)



EVENTS CONDUCTED

HERITAGE WALK

Department: Artificial Intelligence and Data Science

Event Title: Heritage Walk – Antara Gange

Date: 28th September 2024

Time: Full Day

Program Objective: As a part of the Social Connect Responsibility curriculum, the students of III Semester were taken for a Heritage Walk to the protected ancient monument of Markandeshwara Hills and Antara Gange in Kolar.

Through the Heritage Walk, the students learned about the Indian cultural heritage and also the different ways through which they are preserved and protected.

The students were taken to the site in a bus, on reaching the site, they had to track to the destination as the roads were narrow and being a protected monument, no vehicle restriction also applies. Students saw the different types of pillars and architectural marvels created during the ancient time.



EVENTS CONDUCTED

MOMENTS (PHOTOS)



EVENTS CONDUCTED

AIKYA FEST

Department: Artificial Intelligence and Data Science

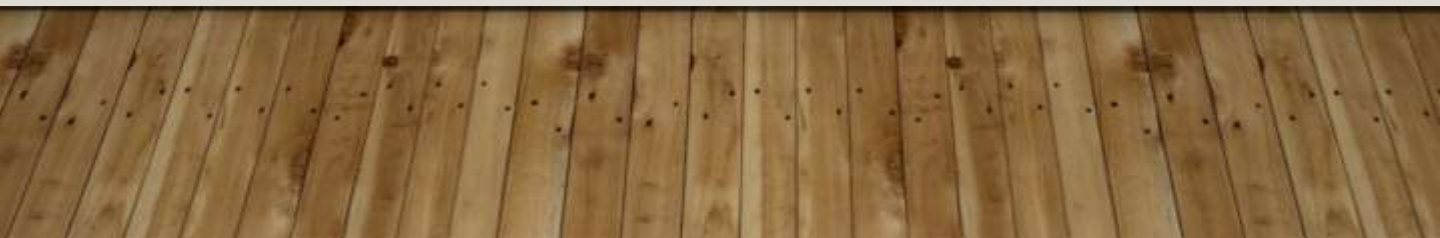
Event Title: Aikya Fest – Mind Sprint (Technical Quiz)

Date: 10th December 2024

Time: Full Day

Program Objective: The Mind Sprint event at Aikya Fest was a technical quiz organized by AI & DS department, comprising three challenging rounds. Participants had the opportunity to enhance their technical knowledge, improve problem-solving skills, and foster teamwork and collaboration by competing in teams. The event encouraged a healthy competitive spirit, motivating participants to perform their best and strive for excellence.

EAST POINT IEEE TEMS & IEEE STUDENT BRANCH
PRESENTED THE NATIONAL LEVEL TECHNICAL FEST.



EVENTS CONDUCTED

AIKYA (PHOTOS)



EVENTS CONDUCTED

AYUDHA POOJA

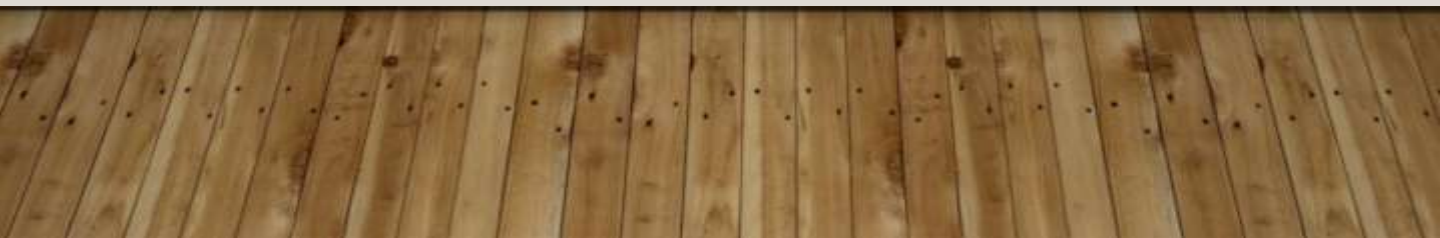
Department: Artificial Intelligence and Data Science

Event Title: Ayudha Pooja

Date: 03th October 2024

Time: 09:00am

Program Objective: The Ayudha Pooja event at our college is a cherished tradition where students and faculty come together to honor and worship the tools like (laptops, etc.) and instruments that aid in their daily work and studies. This event, celebrated with great enthusiasm, involves cleaning and decorating tools, books, and other implements with turmeric, sandalwood, and kumkum. The rituals symbolize gratitude and respect for the resources that contribute to our work and learning.



EVENTS CONDUCTED

AYUDHA POOJA (PHOTOS)



EVENTS CONDUCTED

SPORTS DAY

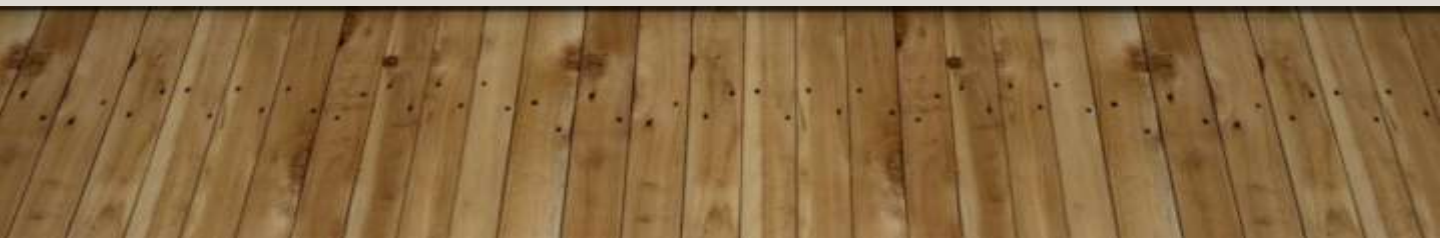
Department: Artificial Intelligence and Data Science

Event Title: Sports Day

Date: 07th November 2024

Program Objective:

Sports Day, promises a dynamic range of activities to engage everyone. Traditional team sports such as football and cricket will take center stage, offering thrilling matches and skill showcases. Additionally, fun and inclusive activities such as tug of war and three-legged races will bring joy and laughter to participants of all ages. An obstacle course and relay races will test both agility and teamwork. Organizing the event involves scheduling, ensuring the availability of sports gear, and enlisting volunteers for smooth management. Emphasizing sportsmanship and fun, this Sports Day is sure to be a memorable celebration of athleticism and camaraderie.



EVENTS CONDUCTED

SPORTS DAY (PHOTOS)



EVENTS CONDUCTED

MINI PROJECTS

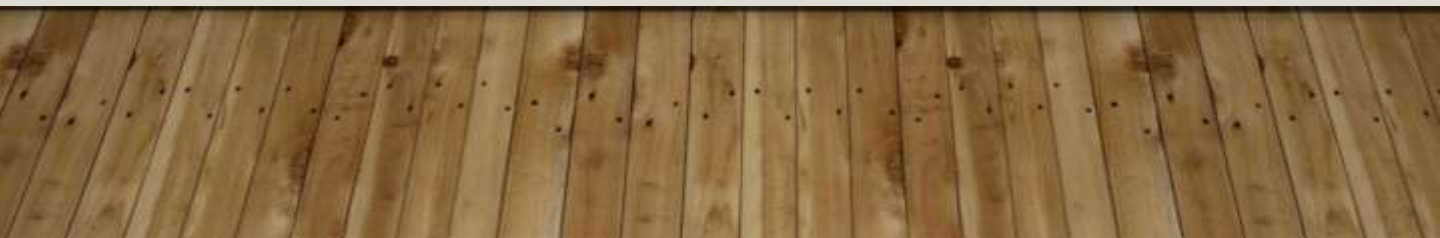
Department: Artificial Intelligence and Data Science

Event Title: Mini Projects Presentation Day

Date: 12th December 2024

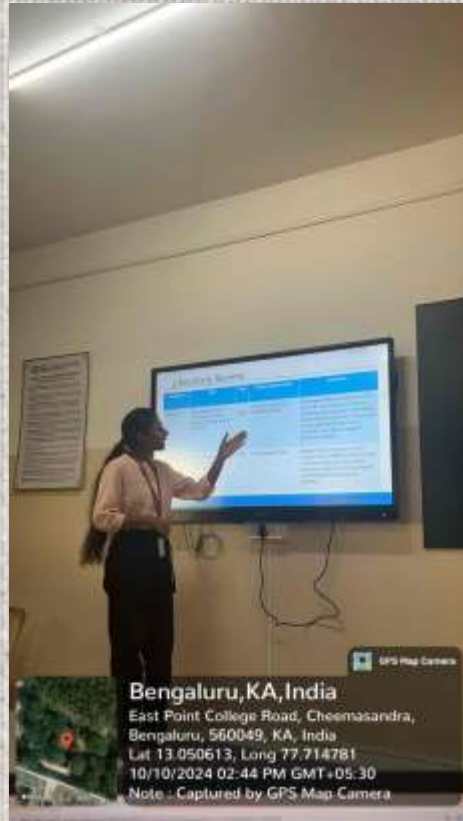
Program Objective:

Mini project presentations that will provide a platform for showcasing innovative ideas and collaborative efforts. Each group will present their project, explaining the problem they tackled, their approach, and the results. This will include visual aids like slideshows, prototypes, or demonstrations to enhance understanding and engagement. Teams will be encouraged to keep their presentations clear, concise, and focused on key points, while also leaving room for questions and discussions. The event will be organized in a structured manner, with a set schedule for each presentation and time allocated for feedback from peers and mentors. Promotion through posters and announcements will help gather an audience, while the spirit of collaboration and innovation will be emphasized throughout the event. Making the mini project presentations both a learning experience and a celebration of creativity and teamwork.



EVENTS CONDUCTED

PRESENTATIONS (PHOTOS)





EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY

Jnanaprabha Campus Bidarahalli, Virgo Nagar Post
Off Old Madras Road
Bengaluru 560049
Karnataka, India
M: +91 720 422 9999
Website: www.eastpoint.ac.in