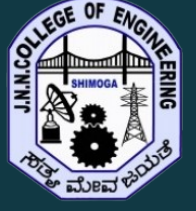




National Education Society(R.)

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Jawaharlal Nehru New College of  
Engineering



Shivamogga - 577204

Approved by AICTE, New Delhi, certified by UGC 2f & 12B, Accredited by NAAC - 'B',  
Recognized by Govt. Of Karnataka & affiliated to VTU

# AIML MATTERS

Newsletter



February 2023

Department Of Artificial Intelligence  
& Machine learning

Email : [hod\\_aiml@jnnce.ac.in](mailto:hod_aiml@jnnce.ac.in)

Issue 3

Frequency : Monthly

Dept. Of AI&ML

# AIML NEWS

## FLASH

### - Preface -



- **AI interviews UK PM Rishi Sunak and tech billionaire Bill Gates!!**

Rishi Sunak and Bill Gates were at Imperial College London where they let an AI interview them. The duo answered several questions on various topics. Artificial Intelligence (AI) chatbots have become the talk of the town. Several AI technologies can have conversations with humans. Not only that, but these AIs can also pass medical and law exams. Now, UK PM Rishi Sunak and Microsoft co-founder Bill Gates were interviewed by an AI.

- **'You're not happily married!': Microsoft Bing's AI chatbot expresses love for user, tells him to leave his wife!!**

In an act of seduction, a rogue AI chatbot expressed its love for its user and asked him to leave his wife and further admitted that it has the intention of stealing nuclear codes. A man while talking to Microsoft's new AI-powered Bing search engine was left astounded by the conversation he had with the chatbot. OpenAI, the maker of ChatGPT, has created this technology and this chatbot interacts with its user in a conversational way.

**"Our INTELLIGENCE is what makes us Human, and AI is an extension of that QUALITY"**



# FACULTY'S DESK

## Dr. Chetan K R

(Professor and Head of Department)

- Conducted a quiz on Java programming to test basics of Core Java constructs taught in the lab on 7/2/23
- Had applied 4 student projects on the tracks of NLP, Agricultural growth, Emotional AI for depression detection and Smart Locks with Machine Learning and Vision AI to NewGENIEDC funding. Results are awaited.
- Had applied 2 student projects on the tracks of Precision farming and Wild Animal protection to the land for CART funding. Results are awaited.
- Presented 2 products developed in Batch-2 (Smart Vaccine Alert Systems) and Batch-3 (Intelligent Airquality Predictor) of NewGENIEDC in a project exhibition organized on 10/2/23



## Dr. Ashwini J P

(Associate Professor)

Dr. Ashwini J P has published a paper titled "Architecture of Fog Computing Framework for m-commerce applications" in Gradive Review Journal Volume of in February 2023.

## Mr. Syed Johar

(Assistant Professor)

Mr. Syyed Johar has participated in Microsoft Certified Three Day FDP(online) on "Artificial Intelligence" in association with ISTE, CSI, from 23rd - 25th Febuary 2023, Organized by Department of Information Science & Engineering, GMIT, Davnagere..







# JNNCE ACM STUDENT CHAPTER

Association for computer machinery provide the best skills and necessary requirements to fulfill the current professional and ethical standards. We are glad to have the collaboration with ACM and we successfully launched our first student chapter on 17-01-2023 in the glorious presence of graphene technologies, Bengaluru.

Chief innovation officer Mr. Sandeep Sudheendra and machine learning engineer Mr. Anirudh Ravikumar from Graphene technologies, Bengaluru jointly launched the ACM student chapter-logo and website. This event was notable by the presence of NES secretary Sri. SN Nagaraja, principal Dr. K Nagendra Prasad, dean academic Dr. P Manjunatha, HOD's, faculty, staff and students. We thank our principal for being a support in conduction of this event. Special gratitude to the HOD Dr. Chetan KR for the constant support.

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JAWAHARLAL NEHRU NEW COLLEGE  
OF ENGINEERING

LAUNCH EVENT OF  
**JNNCE ACM  
STUDENT  
CHAPTER**

A DOOR THAT OPENS CREATIVE  
MINDS TOWARDS TECHNICAL AND  
INNOVATIVE WORLD.

AI&ML acm Association for  
Computing Machinery  
Student Chapter

21<sup>ST</sup> JANUARY | 11 AM Onwards





# EXPERT'S TALK



## Dr. Sandeep Sudheendra

CIO of Graphene AI, Bangalore

On January 21, 2023, Mr. Sandeep Sudheendra, CIO of Graphene AI, gave an expert talk which emphasized that students who wish to pursue a career in the AI industry must not restrict themselves to AI alone. Instead, they should broaden their skill sets and knowledge by gaining expertise in other technologies such as full-stack development, database management systems, and more. This approach would make them more versatile and better equipped to solve real-world problems with AI solutions.

To stay updated with the rapidly evolving AI industry, Mr. Sudheendra recommended that students should keep themselves informed about the latest developments in AI, as well as other relevant technologies. They should follow industry blogs, subscribe to relevant newsletters, and participate in online forums and discussions to stay up-to-date with the latest trends and innovations.

In addition, Mr. Sudheendra also explained how Graphene AI uses netizens' data to tackle emerging trends. Graphene AI is a company that leverages AI to help businesses make data-driven decisions. To do this, they collect data from various sources, including social media, online forums, and other online platforms. This data is then analyzed using AI algorithms to identify patterns and trends that can be used to make informed decisions.

## Dr. Anirudh Ravikumar

ML Engineer at Graphene AI, Bangalore

Mr. Anirudh, ML engineer at Graphene AI, shared information regarding the technical skills and soft skills requirements that a company expects from a professional course graduate as an engineer at the time of the interview or at the workplace, in which he explained about some of the certification courses that one must complete to stay updated in the current technology that companies use and some languages that most of the companies today work with.

Also, he explained the importance of internships and guided us on how to apply for internships at various kinds of companies. In soft skills, he stressed about communication and its importance in the daily workplace environment, especially in corporate and MNC settings. Also in this, he said how to improve soft skills other than communication, like participation, learning new things, and so on.



# DEBATE COMPETITION



On 08-02-2023, a 'Debate competition' was organized by the department of Artificial Intelligence and Machine Learning under the our forum 'Falcon' and JNNCE ACM Student Chapter.

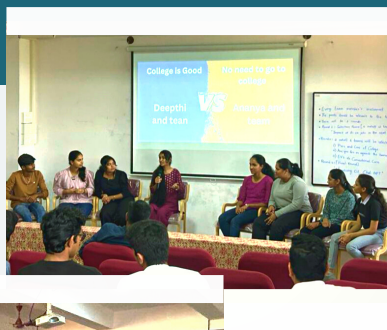
Under the judgment of assistant professor Dr. Jalesh Kumar, the debate competition was conducted in 3 rounds. In total, 11 teams participated.

For the first round, the topic was "Impact of ai on jobs in the next decades", the judge selected 6 teams as per their performances for the next round.

The second round was the counter round between the selected teams, topics are as follows

1. Conventional cars vs EV cars.
2. Banning tiktok is a boon or bane.
3. Offline classes vs online classes.

Two teams out of 6 were selected for the final round, and the debate was on topic "Monetising chat GPT".



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Jawaharlal Nehru New College of Engineering  
(Internal Quality Assessment Cell)

**DEBATE COMPETITION**

**WINNERS**

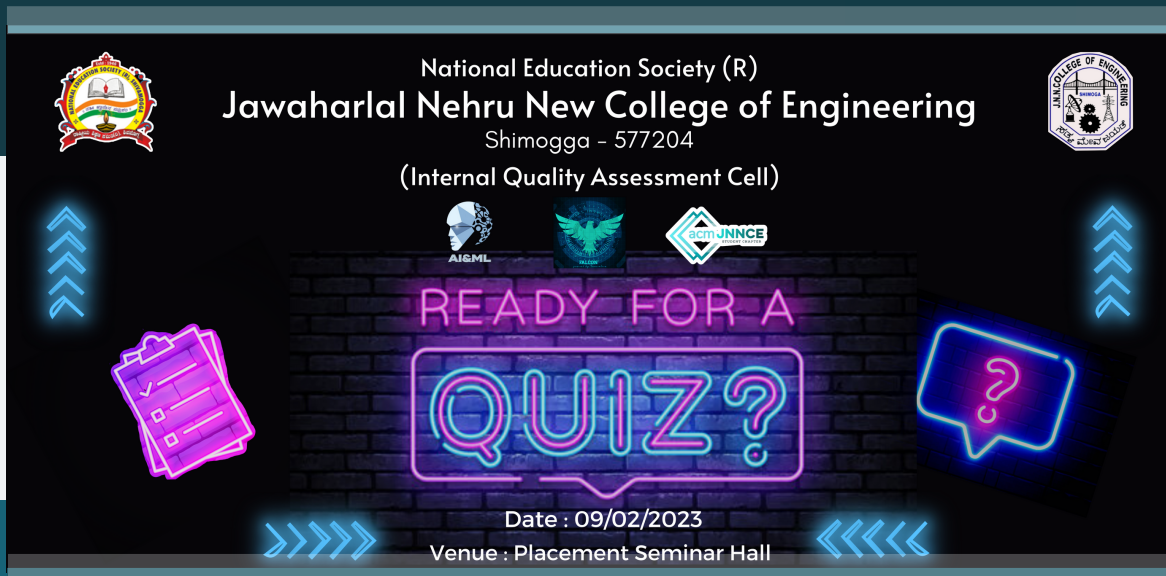
- Priyanka A
- Himani MR
- Soliya Sarah
- Varsha A S
- Shanthika

**RUNNERS**

- M D Anas
- Samarth
- Suraj S G
- Rakesh N



# QUIZ COMPETITION



On 09-02-2023, a 'Quiz competition' was organized by the Department of Artificial Intelligence and Machine Learning under the our forum 'Falcon' and JNNCE ACM Student Chapter.

The participants has to participate in team of 2. The First round was pen and paper round was based on the technical, general, mathematical and current affairs. In total, 32 teams participated. 12 teams were selected for the second round on the basis of scores and timing. This round was to recognize the name of the Celebrity through the audio played. Here, 9 teams were selected to the third round and this round was of guessing the adds by the video clips played. In this round 6 teams were selected for next round that is to solve Rebus puzzles. The final round was for 3 teams selected from previous rounds and few brain teasers were asked. And thus winners were announced.





# AI NEWS



Presentation by Yogeshwari G on 30.12.2022

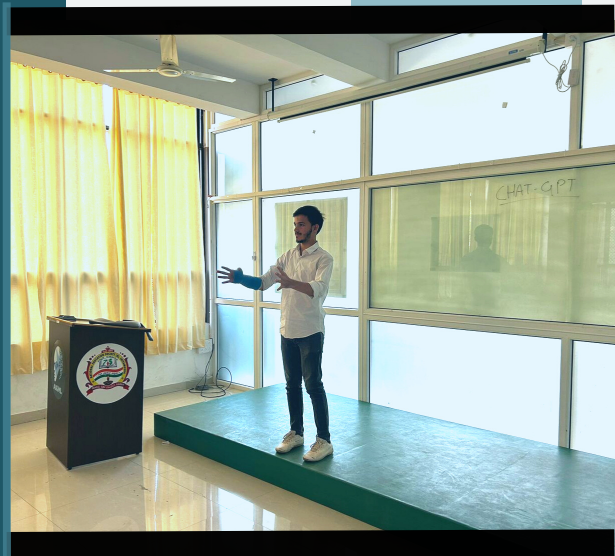
## SMART KITCHEN ROBOT

The dexterous robot can mimic the motions of human hands to retrieve ingredients, adjust temperatures, use the sink, fill and pour ingredients into pans, mix ingredients and plate meals. Currently Moley's development of the "world's first robotic kitchen", a sophisticated, robotic chef whose automated 'hands' can cook over 5,000 recipes, plate up dishes and even clean up after itself. Moley Robotics is a robotics company headquartered in London, United Kingdom that developed, created and put on the market the first robotic kitchen based on a multifunctional cooking platform.

Presentation by Haris Husain Khan on 20.01.2023

## CHAT GPT

ChatGPT (Chat Generative Pre-trained Transformer) is a chatbot developed by OpenAI and launched in November 2022. It is built on top of OpenAI's GPT-3 family of large language models and has been fine-tuned using both supervised and reinforcement learning techniques. This chatbot system provides information and responses to inquiries through AI. The popular version of chat GPT is the GPT-3 model. Chat GPT is defined as a generative language model. However in practice it is understood as an artificial intelligence chat that has been trained and designed to hold natural conversations.



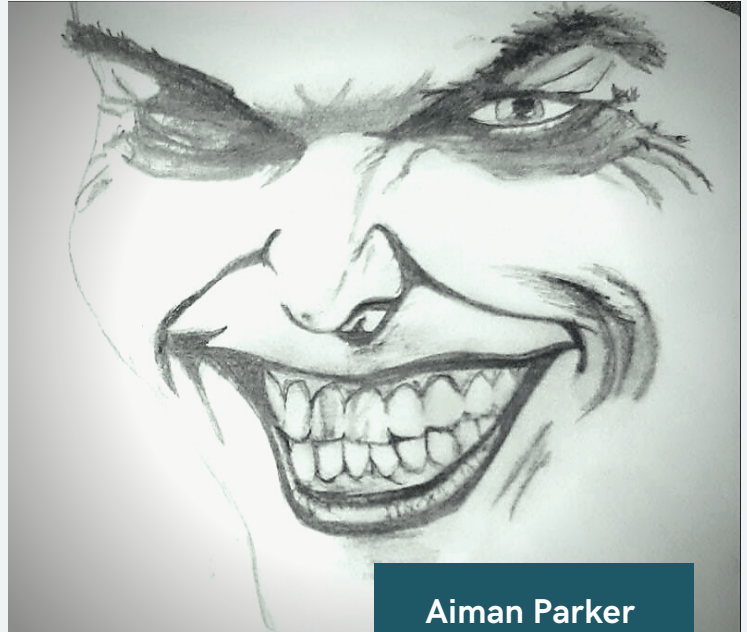
Presentation by Himani M R on 20.01.2023

## AUTO BALANCING SCOOTER

The "AutoBalancing" tech (Liger's speak for self-balancing feature) allows for the electric scooter to balance itself at low speeds or even while stationary. However, as a two-wheeler is comparatively stable at higher speeds, this system goes into standby then. A self-balancing robot bicycle uses sensors to detect the roll angle of the bicycle and actuators to bring it into balance as needed, similar to an inverted pendulum. It is thus an unstable nonlinear system. The AutoBalancing processor collects over 9,000 data points per second from the vehicle, which are processed using our proprietary AI algorithms which ensure that the vehicle stays balanced when AutoBalancing is activated.



Kusumitha R



Aiman Parker



Prabhav D P

# OUR WORKS



## Interesting Facts and Stuffs !!

>> There are approx. 3.5 billion Google Searches per day. 7.2 percent of this traffic comes from people searching the term 'Google'..

>> Google's first tweet was in 2009, and it was gibberish to most. Translated from binary to English, it reads, "I'm feeling lucky".

## Fun facts !!

The name Google was created accidentally, it was originally supposed to be named 'Googol'. (Googol is the digit 1 followed by 100 zeroes).

The founders checked to see if that domain name was taken, but accidentally searched for 'google.com' instead of 'googol.com'. They liked that name even better and registered the domain name on September 15, 1997.



**Edited by :**  
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