

CluSteroid\$ News

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UPCOMING EVENTS

- ✓ JOY OF GIVING
- ✓ TEACHERS DAY

Broad Spectrum Events

Chandrayana 3

Space Research Organization's (ISRO) Chandrayaan programme. Consists of a Lander named *Vikram* and a rover named *Pragyan*, similar to those of the Chandrayaan-2 mission. The propulsion module carried the Lander and rover configuration to lunar orbit in preparation for a powered descent by the Lander. Chandrayaan-3 was launched on 14 July 2023. The spacecraft entered lunar orbit on 5 August, and the Lander touched down in the lunar south pole region^[10] on 23 August 2023 at 12:32 UTC, making India the fourth country to successfully land on the Moon, and the first to do so near the lunar south pole. We from Computer Science and Engineering Department, MITT watched this moment with students in Pragma Laboratory. **Congratulations ISRO for this Great Programme.**



Departmental Activities

CFTRI Visit

CFTRI-Celebrating food research event was conducted from 3rd to 7th July, 2023. Students from 4th semester attended a session on Potential of AI in food science & Technology Session was very informative about food processing, Argo-food processing and other food related knowledge was shared by the CFTRI staffs.



Red FM: Talent Hunt

Red FM 93.5 Conducted Talent Hunt in the month July, 2023, in MITT campus. Mr. Rajesh and Mr. Suhas from 4th sem, department of Computer Science and Engineering, MITT were selected to visit RED FM and to Share the Knowledge in the field of singing and sports Respectively.



Alumni Meet

Alumni Meet was organized on 22nd, July, 2023 Invited Alumni from 2016, 2017, 2019 and 2020 batch were invited for the event. Juniors gave warm welcome to their seniors (Alumni) and HOD, Mentor of the department addressed all the students and alumni's.

During this meet, the alumni community shared their experience in the outside world, which they faced after stepping out of the institution. Some of Games were planned by the juniors to their seniors followed by lunch and photo session.



Congratulations to Ms.Archana

Ms.Archana, 2021-2022 passed out student, Department of Computer Science and Engineering, MITT has placed for NTT data DRDO and C-DOT. She recently joined C-DOT with Highest package 12Lakhs per annum. We from Department of CSE, MITT congratulate Ms.Archana.



Talk on Biology

Basic Science department organized Technical Talk on "Biology for Engineers-Human Organ Systems and Bio Designs" on 4th, August,2023. Dr.Kiran A Kantanavar, Senior Manger, Cardiology Division, ABOTT Laboratories, Mumbai. Students from 4th sem attended the technical talk. Recourse person shared useful Information about the organs and the functions of the organs.



Independence Day

Maharaja Institute of Technology Celebrated 76th Independence day on 15th, August, 2023. The Principal, Trustee Members, All Hods with Staffs were present on this Occasion.



Birthday Celebration

Celebrated Birthday of our beloved Mentor Dr. H.K.Chethan, Mentor of Department of CSE and Trustee(Joint Secretary) of MITT On 16th, August,2023. All the Teaching and Non-Teaching staff of MITT wished and blessed him on this auspicious day.



Rakshabandhan Celebration

Department of Computer Science and Engineering Celebrated "Rakshabandhan" on 30th, August, 2023. HOD took initiative for celebration by buying rakshabandhan and it was open for all the staffs of CSE to tie Rakshabandhan. It was really a memorable day for CSE department.



Student Pole

Artificial Intelligence

- Artificial Intelligence (AI) is a rapidly evolving field with a wide range of applications in various industries. In engineering, AI plays a crucial role in optimizing processes, improving efficiency, and enabling innovative solutions. It helps in designing complex systems, predicting equipment failures, and enhancing manufacturing processes.
- In society, AI has transformative potential. It's being used to enhance healthcare through image analysis and disease prediction, make transportation safer with autonomous vehicles, and even aid in disaster response through predictive modeling. AI-powered virtual assistants and language translation tools have also made communication across languages more accessible.

Some popular AI tools include:

- **Machine Learning Platforms:** TensorFlow, PyTorch
- **Natural Language Processing Tools:** spaCy, NLTK
- **Computer Vision Libraries:** OpenCV
- **Chatbot Development Frameworks:** Dialogflow, Rasa
- **Data Analytics Tools:** Tableau, Power BI.

Overall AI's Impact on Engineering and Society is profound, revolutionizing industries and improving lives through its innovative applications and tools.

- Additionally, AI-driven simulations facilitate the testing of prototypes and models, reducing the need for physical iterations and saving both time and resources. This has proven indispensable in areas like aerospace and automotive engineering.

Advantages of Artificial Intelligence:

- Automation.
- Data Analysis.
- 24/7 Availability.
- Medical Applications.
- Cost savings.

Disadvantages of Artificial Intelligence:

- Job Disruption.
- Bias and Fairness.
- Dependency.
- Privacy Concerns.
- Ethical Issues.
- Complexity.

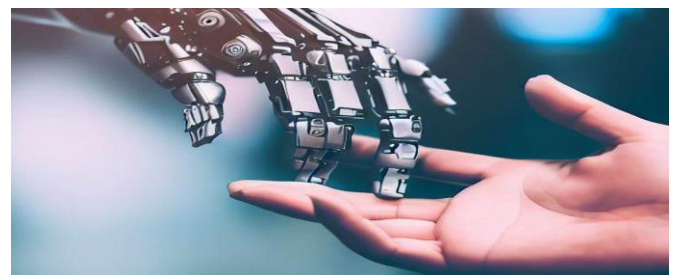
The journey of AI is an ongoing one, marked by exciting breakthroughs and cautious navigation. It's imperative for us to continuously explore its potential, address its limitations, and ensure that its benefits are shared equitably across society. Responsible development, ethical use and an understanding of its implications will be key in shaping a future where AI contributes positively to our world.

Short Article on Artificial Intelligence
By



Harsha P.T. 4th sem,

Computer Science and Engineering Department, MITT.



Quotes for the month

“DISCIPLINE AUTOMATES HABITS WHICH, IN TURN, DETERMINE YOUR OUTCOMES”.

-DAVID KHALIL

“THE BEAUTIFUL THING ABOUT LEARNING IS THAT NO ONE CAN TAKE IT AWAY FROM YOU.”

-B.B. KING

Vision

To be a forerunner in producing skilled technocrats in the field of computing for the betterment of the society.

Mission

- To impart knowledge of logical, sequential and procedural implications of computing technology.
- To expose recent advances in computing technology and plan for upgradation attitude in enhancing skills.
- To create innovators having apt professional aptitude with the sense of engineering ethics.

PEOs

- Attain a career in industry and be successful via adapting to fast-changing technologies through self and incessant learning.
- Pursue excellence in pioneering newer technologies by being a part of the evolving challenges.
- Evaluate optimal allocation of resources either in execution of job or as an entrepreneur.

PSo

- Develop and maintain existing computing systems.
- Create innovative career paths to be an entrepreneur or through higher studies.



Reminiscence Gallery

