Vidya Vikas Education Trust's

Universal College of Engineering

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Gujarati Linguistic Minority Institution

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Coffee & Code ;

An Initiative by the Department of Computer Engineering

VISION

To be recognized as a department that provides quality technical education and research opportunities that eventually caters to helping and serving the community.

MISSION

- To groom the students to participate in curricular and co-curricular activities by providing efficient resources.
- To motivate the students to solve real world problems to help the society grow.
- To provide a learning ambience to enhance innovations, team spirit and leadership qualities for students.

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Prepared by:

DR.JITENDRA SATURWAR
MRS. HEZAL LOPES

In Association with

CESA

(Computer Engineering Student Association)

Our Previous Articles

Machine learning innovations in 2022

The applications of machine learning in the real world have made our daily tasks more feasible, swifter, efficient, and precise. Powered by data science, if machine learning applications are trained accurately, they can complete the tasks way more quickly than humans. This article features the top five best machine learning innovations in 2022.

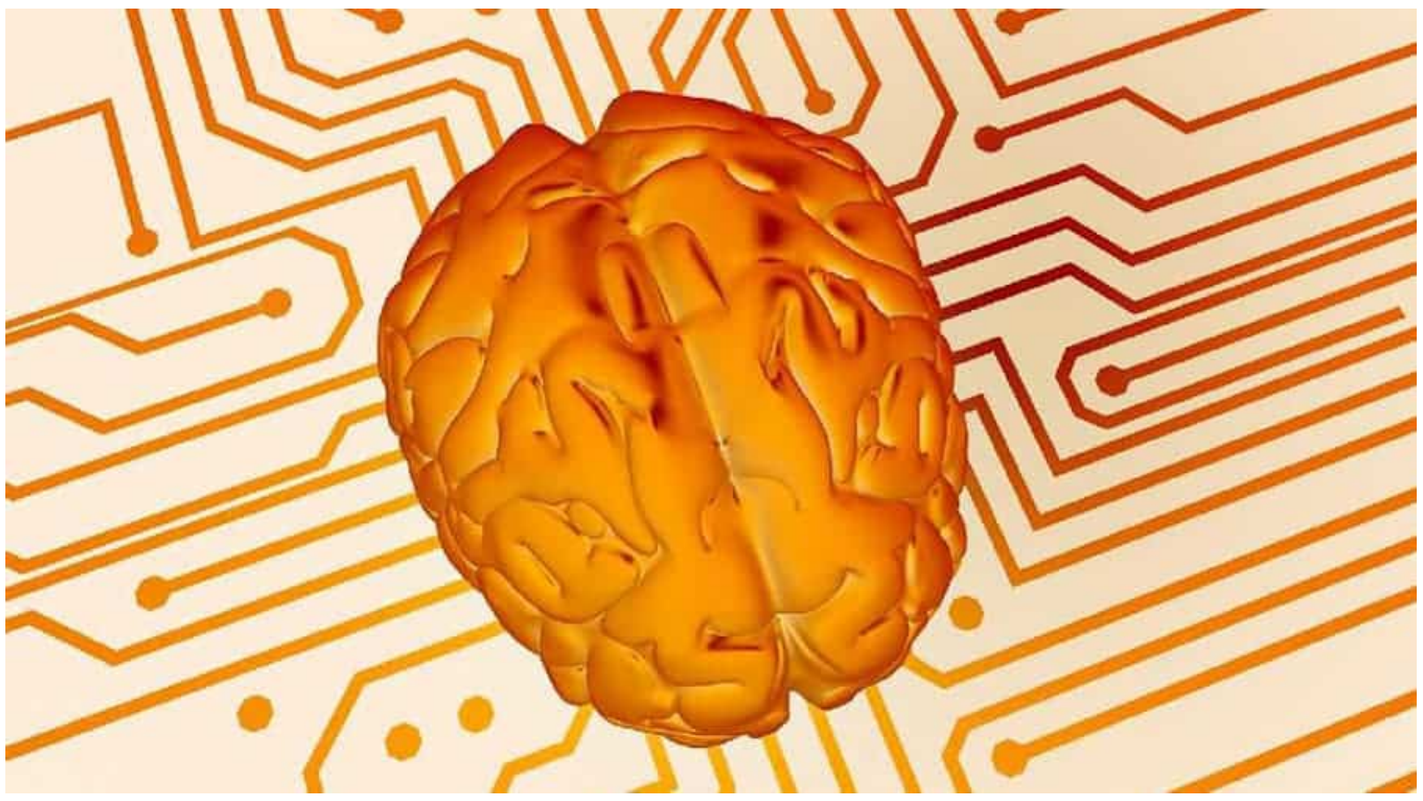
• Tiny ML: When it comes to Tiny ML, microcontrollers are the most important. These technologies can shrink deep learning networks to fit into any small hardware system. The newly embedded machine frameworks are enabling high-powered AI-IoT devices to perform efficiently.

• Quantum ML: The interdisciplinary area where quantum computing is mixed with machine learning is called Quantum ML. This new feature in quantum technology facilitates space exploration, understanding nanoparticles, and such other advanced researches efficiently.

• Auto ML: Auto ML bridges the gap by providing an accessible solution that does not rely on ML experts. It provides simplification to data scientists working on machine learning projects by the use of templates.

• MLOps: MLOps focuses on reliability and efficiency. It is a procedure to develop ML solutions so that they can be used in businesses for more efficiency. It automates data management on larger scales easier, ensuring minimum human errors.

• Full stack deep learning: Full Stack Deep Learning helps you bridge the gap from training machine learning models to deploying AI systems in the real world.



Source: ***https://www.analyticsinsight.net/top-five-machine-learning-innovations-in-2022/***

Leading companies' AI Blogs

Being a data scientist requires you to keep up with the latest innovations and discoveries, but there's so much information coming in from so many directions, it's easy to get lost in the stream. So what should you focus on? Well, it depends on you — but to get you going, here's my reading list of AI sources that allows me to keep up to date with the latest innovative ideas.

The field of Machine Learning and Artificial Intelligence is changing rapidly. Five years ago, classical Machine Learning was the hottest trend; now it's just like an iPhone 6S — outdated. Deep Learning dominates the market these days, and if you'll come back to this post in 2025, there's a good chance we've moved way past beyond this

These companies are usually the ones that pop to your mind whenever you think of who actually use AI in the real world. While many more interesting and AI-leading companies exist, these four are usually my go-to blogs.

Google: There's probably no reason for me to explain why I open my list with Google. These guys come up with new stuff like French boulangeries baking baguettes — on a daily basis. The Google AI Blog is an excellent source to keep up with latest innovation by the tech-giant, and they tend to explain their ideas in a very professional way. Another source for academic papers specifically is the Google Research Publication Database, narrowed down to AI topics.

DeepMind: While technically a part of Google, DeepMind tend to be a somewhat of an autonomy within the corporation, which is said to sometimes rival with Google internal AI department. Being the ones behind some of the greatest breakthroughs of AI in the last few years, such as AlphaGo, AlphaGo Zero and AlphaFold, their Research Blog and publications is certainly a great source for keeping up to date with AI.

Facebook AI: Another company you've probably already thought of, Facebook publishes many AI related papers, which can be found on their publications page. You can also checkout their blog, though I find it to be more like reading Wired articles, compared to Google AI's blog.

Microsoft Research: Yes, Microsoft. The company that once ruled us all and then faded away, has made a massive leap forward in all aspects — and their AI research and capabilities are no different. They too own an impressive amount of AI publications of the highest level. They also have two similar and relevant blogs, their AI Blog and Research Blog, yet both bear the same Wired feeling I mentioned before.

Source:

https://towardsdatascience.com/how-i-keep-up-with-the-latest-innovations-in-ai-and-ml-4036e162fceb

Faculty Achievement

Vidyavardhini's College of Engineering & Technology
Department of Information Technology

Certificate
of Participation

This is to certify that Mrs. Priyanka Omkar Bhoir

has attended Two weeks Online Short Term Training Program on **Artificial Intelligence Towards Data Science Applications** conducted during 27th June to 8th July 2022 organized by Department of Information Technology, Vidyavardhini's College of Engineering & Technology, Vasai.

Dr. Harish Vankudre	Dr. Ashish Vanmali	Mrs. Anagha Patil	Mrs. Bharati Gondhalekar
Principal	Convener	Coordinator	Co-coordinator

University of Mumbai
Department of Students' Developmeny

In Collaboration with

SHREE L. R. TIWARI DEGREE COLLEGE
(Arts | Commerce | Science)

CERTIFICATE

This is to certify that Prof. / Dr. / Mr. / Ms. / Mrs. Ashraf siddiqui *of* Universal college of Engineering *has participated in the workshop of 55th Youth Festival for Acedemic Year 2022-23 held on 11th July, 2022.*

Dr. Sanjay Mishra	Mr. Nilesh Sawe	Shri. Rahul L. Tiwari
I/c Principal	Cultural Co-ordinator	Secretary
SLRTDC	Mumbai University	Rahul Education

Faculty Achievement

IEEE-TCET Student Branch
IEEE TCET

Jointly Organized

One Week Online Faculty Development Programme (FDP)

on

Recent Tools for Integration of Smart Systems

Sponsored by

IEEE BOMBAY SECTION

Certificate of Participation

This is to certify that **Mrs. Priyanka Omkar Bhoir** From **Vidyavardhinis College Of Engineering &Technology** has participated in One Week Online Faculty Development Programme on *Recent Tools for Integration of Smart Systems*, conducted during 06th to 11th June, 2022.

Dr. Harish Vankudre, Principal, VCET
Dr. Ganesh Kame, Principal, MHSSCOE
Dr. Kaushal Prasad, Principal, FAMT
Dr. Lochan Jolly, EAC-Chair, IEEE Bombay Section
Dr. Satyanarayana Bheesette, Chairperson, IEEE Bombay Section
Dr. B.K. Mishra, Principal, TCET

Our Collaborators

Ms.Priynaka Bhoir has attended one week FDP program on Recent tools for integration of smart systems and Mr. Ashrf Siiddiqui has attended workshop on 55th Youth festival for academic year 22-23.

President of India

Draupadi Murmu took oath as the 15th President of India on July 25, 2022. Draupadi Murmu is a tribal leader from Rairangpur in the Mayurbhanj district in Odisha. Draupadi Murmu is a soft-spoken leader who made her way into the politics of Odisha with her sheer hard work. Draupadi Murmu after winning the Presidential elections 2022, has become the first tribal and the second woman to hold the highest office. Draupadi Murmu started out as a school teacher before entering state politics. Murmu worked as an assistant professor at the Shri Aurobindo Integral Education and Research Institute, Rairangpur, and as a Junior Assistant at the Irrigation department of the Government of Odisha.

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https://theparadise.ng/pope-francis-retirement-speech-that-shocks-the-world/

You can send your articles to the following email ids:

hezal.lopes@universal.edu.in , jitendra.saturwar@universal.edu.in