Emergence of Machine Learning

Computer Science and Engineering Department
NEWSLETTER JUNE 2019

Rise of Machine Learning

Topic: *Changing Outlooks with Machine Learning*

Machine learning, said Martinez, is going to be an essential part of data analysis in Earth and space sciences. "It gives us a way to classify images and signals that we would have struggled to process before," but we also need to understand its limitations.

The discoveries machine learning can help scientists make come at a cost. The processing power required for these

algorithms requires massive amounts of energy—and many in the geoscience community are clamoring for even more powerful supercomputers.

Machine learning (ML) is a subset of AI based on the idea of making computer algorithms that automatically upgrades themselves by discovering patterns in existing data without being explicitly programmed.

As organizations move their AI projects out of the lab and into production across multiple business units and functions, the processes by which models are created, operationalized, managed, governed, and versioned need to be made as reliable and predictable as the processes by which traditional application development is managed.

Challenges with Machine Learning

Memory networks or memory augmented neural networks still require large working memory to store data. This type of neural network needs to be hooked up to a memory block that can be both written and read by the network.
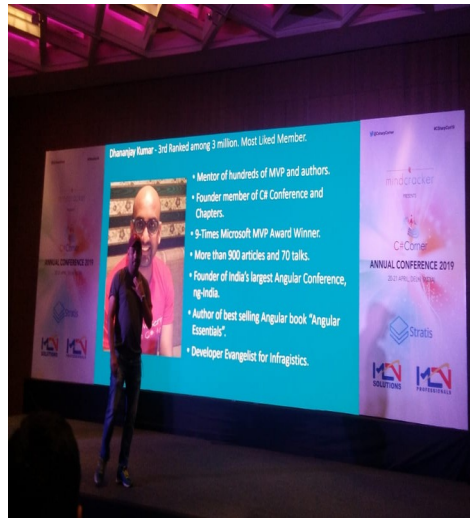
Human visual systems use attention in a highly robust manner to integrate a rich set of features. But at the moment, ML is all about focusing on small chunks of input stimuli, one at a time, and then integrate the results at the end.

Achievement by college

Meerut Institute of Engineering and Technology has organized the International C# Corner Conference on 20 April 2019 .

The carrer opportunities with the new emerging Internet of Things and Artificial Intelligence has been one of the centre point of Discussion

Achievement by students

Students from Department of Computer Science and Engineering have part in Hackathon organised by the LPU University.
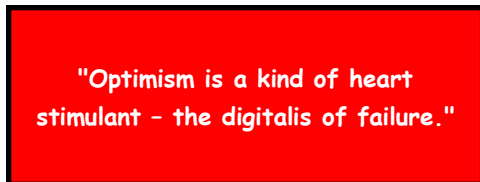
Several Students outshined themselves namely Utkarsh Sharma, Nitika Gupta to name a few others.

> "Optimism is a kind of heart stimulant – the digitalis of failure."

WORKSHOP ON ADOBE ANALYTICS AND SAP—9 FEB & 4 MAY 2019

A workshop on Adobe Spark, under Adobe Digital Disha on 9th Feb 2019, by Adobe expert Mr. Sandeep Sharma and Mr. Dev Preet.

The workshop focused on web page creation, creating videos, graphics for making posters, twitter headers and many more digital innovations

SAP Business Intelligence and SAP Fiori Workshop from 29 April- 04 May 2019
at Meerut Institute of Engineering & Technology, Meerut India
Trainer: Professor Ramesh Behl

HACKATHON PUNE 2019

INDIA-EU ICT STANDARDISATION COLLABORATION

CERTIFICATE
OF WINNERS

This is to certify that

SAMBHAV   JAIN

has won the *Developers Tutorial and Hackathon*
on April 15 - 16, 2019 at College of Engineering, Pune from 9:30 AM to 5:00 PM

Thierry Monteil	**Pamela Kumar**	**Luis Jorge Romero**	**Dr. V. Z. Attar**	**Dr. B. B. Ahuja**
LAAS CNRS	TSDSI	ETSI	COEP	COEP

AMAZON CLOUD LEADER AWARD-2019

दैनिक युवा रिपोर्टर

एमआईईटी को मिला ऐमजॉन क्लाउड लीडर फॉर द स्टेट पुरस्कार

मेरठ 6 फरवरी। आईसीटी एकेडमी बिज का 37 वां संस्करण इंडस्ट्री इंस्टिट्यूट इंटरेक्शन की कॉन्फ्रेंस चेन्नई में आयोजित हुई। जिसमें मेरठ इंस्टिट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (एमआईईटी) ने क्लाउड लिटरेसी में असाधारण साझेदारी एवं सक्रिय भागीदारी के लिए अमेजॉन क्लाउड लीडर फॉर द स्टेट के रूप में अपना पुरस्कार सुनिश्चित किया। एमआईईटी के निदेशक डॉ मयंक गर्ग और डीन इंडस्ट्रियल

रिलेशन अरुण चौधरी ने विनोद क्वाह (रीजनल हेड शिक्षा व अनुसंधान ,अमेजॉन वेब सर्विस), राम कुमार सिगमल्ली (चीफ डिलीवरी ऑफिसर, अटोस सिटेक), डॉ एम माणिकंदन (सूचना तकनीकी मंत्री, तमिलनाडु सरकार), शिव शंकर किम निर्माता व निदेशक, और एम शिवाकुमार (सी. ईओ, आईसीटी एकेडमी) की उप. स्थिति में ग्रहण किया। क्लाउड लिटरेसी माह के आयोजन का उद्देश्य विद्यार्थियों में स्वरूअधिगम तथा क्लाउड तकनीकी

के बुनियादी कौशल के विकास को प्रेरित करना था। उद्योग जगत के मानकों के अनुसार विद्यार्थियों को तैयार करने के लिए क्लाउड टेक्नोलॉजी कौशल का ज्ञान आवश्यक होना चाहिए।
विद्यार्थियों को क्लाउड तकनीक आधारित कौशल सीखने के उद्देश्य से आईसीटी अकैडमी इंडक्यूस एजुकेंट के साथ 2018 में 149 शिक्षण संस्थानों ने अपने संस्थान में एक दिवसीय क्लाउड लिटरेसी दिवस आयोजित किया था। कार्यक्रम में भारत के 7 राज्यों से 149 शैक्षिक संस्थानों ने क्लाउड साक्षरता महा में भाग लिया। एमआईईटी के दो हजार से अधिक छात्रों ने इंडक्यूस एजुकेंट प्रोग्राम में भाग लिया था। संस्थान के चेयरमैन विष्णु शरण, वाइस चेयरमैन पुनीत अग्रवाल ने बधाई दी।

भारतीय स्टेट बैंक ने की यूनो ऐप

FDP: AMAZON WEB SERVICES

Faculty development program (FDP) has been considered as a stand-alone educational pedagogy in fostering knowledge and professional skills of faculty.

However, few studies have provided objective reports about the impact of such **programs** in a healthcare system.

 The trainer of the Development Program was respected Mr Vishram Thatte, Program Manager at AWS .

 Several Faculties of the Department participated in the innovative session and learnt how to deal with different subordinates of AWS Technology.

MIET College

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Organization

It is true that the strength of MIET lies in his grit & determination, a forceful support by his excellent subordinates and the overall study orientation by multi development policies that has distinctly made MIET a name brightening up in progression each year

Technology

Varieties of workshops are held over entire session to enable knowledge impartment and improving programming skills in C, Python, Android, Oracle JAVA, .Net, Cloud Computing, and Internet of Things. It is a known fact that Computer Software and Service Industry are dynamic and ever-changing. It's phenomenal growth offers great opportunities for economic growth and development. The Industry Oriented, programs of the department are highly innovative and keenly sought after. Programs include Amazon Web Services, SAP, Salesforce, Adobe Web Analytics for the students to bridge the gap between academics and I.T