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NEWSLETTER BY DEPARTMENT OF
CIVIL ENGINEERING, SNGIST



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Principal
SNGIST**

From Principal's Desk

Efficacious engineers move alongwith fast growing technology and the changing requirements of the society. They adhere to lifelong learning and retain student mindset. SNGIST envisages the student fraternity to remain updated to match the requirements of the changing world and to serve the mankind.

As you know, the technology marches towards computers performing similar to humans, learning from data and using learning algorithm.

To mention a few,

- Supervised, unsupervised and reinforcement learning
- Concepts of maths for Machine Learning (ML)
- Neural networks
- Cross validation and resampling methods
- Optimization techniques
- ML application using tensor flow

Let us take a quick glance on the application of ML.

1. **Social media** has become integral part of our life these platforms use ML algorithms. ML learns from your experience.
2. **Product recommendation:** web site track your behaviour, based on your previous purchase, searching patterns, cart history and make product recommendation

1. Image recognition: face detection, pattern recognition, face recognition
2. Sentimental analysis: is a real time ML application. It determines the emotion or opinion of speaker or writer. It will find actual thought and tone.
3. Health care: ML predict the waiting times of patients, detecting a disease, therapy planning or predict potential heart failure.
4. Banking: protect account from hackers, prevent fraud
5. Language translation: One language to another,gives contextual meaning
6. Self driving cars

7. Filtering of email spam and malware
8. Speech recognition and traffic recognition
9. Virtual personal assistant

“Never regard study as a duty, but as the enviable opportunity to learn”

-Albert Einstein

We know Natural Language Processing (NLP) is a sub field of linguistics, Computer Science and Artificial Intelligence (AI)concerned with the interactions between computers and human language. The possibilities include learning technologies from Python, NLP, advanced deep learning etc.

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TRAINING PROGRAM BY UNITED NDT TRAINING AND INSPECTION CENTRE

A 30 min training session was conducted by UNITED NDT Training and Inspection Centre for S6 and S8 Civil Engineering students on 22/03/2021 at 10.00 am. The course was presented in an enthusiastic way. It was very easy to listen to and the course was just the right mix of theory and practical demonstration. The session provided lots of opportunities to ask questions and talk about real life examples.



ADD ON COURSE BY CADD

S8 civil engineering students are pursuing an additional certificate course Auto CADD. This scheme aims at imparting crucial job skills to students thus enabling them to acquire an additional certificate along with their degree certificate.

ACHIEVEMENTS

Sana salam from S8 Civil Engineering has qualified the online aptitude test conducted by Infosys on 21st February 2021 and selected for the interview round.

“Education is the most powerful weapon which you can use to change the world”
-Nelson Mandela

INTERNATIONAL WOMEN'S DAY CELEBRATION 2021

"A woman is a symbol of power...God's finest and beautiful creation without whom no creation is possible...one who gives birth and nurtures. Woman is the life giver to the whole human race and it is the responsibility of everyone to give her a respectable status and honor in society. "

SNGIST Engineering faculties celebrated Women's day on 8 March 2021.



**" Be stronger than
what breaks you"**



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