i-Waves 2020: International Webinars on Advances in E- Services 2020

DAY 3 - August 17, 2020

IIS-TIE (The International Cell) and Dept. of CS & IT in association with Jaipur ACM Professional Chapter organized an international webinar on "Importance of Explainability in Machine Learning approaches" lead by Dr. Caterina Moreira, Lecturer in Information System, Queensland University of Technology, Brisbane, Australia and "Convolutional Neural Networks Architecture Optimization" lead by Prof. Milan Tuba, Vice Rector for International Relations Singidunum University, Belgrade, Serbia.

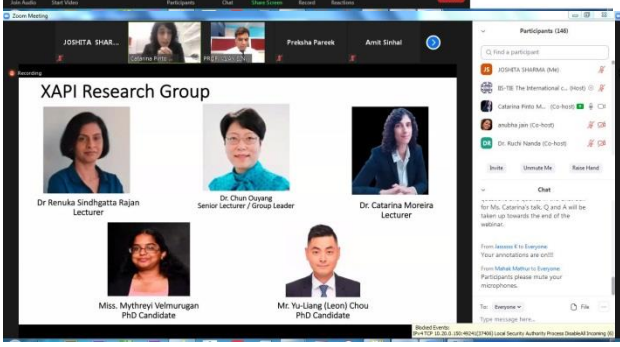
In this interactive session the students were given a brief description of the following:

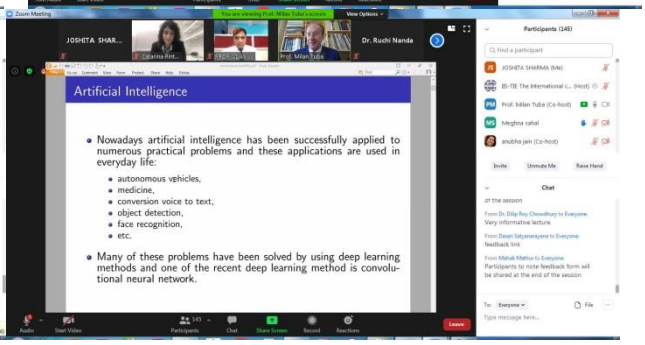
- History and Evolution of AI
- The dangers of Deep Learning Opaque systems
- Explainable AI
- CNN Architecture Optimization Techniques
- Features of MNIST dataset

The participants were introduced to how Artificial Intelligence came into existence by God's time itself, deep learning concepts, the and importance to incorporate interpretability in predictive process analysis and an interpretable probabilistic approach for demystifying black box by Dr. Moreira while adding further Prof. Tuba elucidated the actual meaning of "Deep" in the term Deep Learning. He also explained a simple mathematical tool i.e. convolutional neural network and its features and optimization problems and risk demulsification in AI tools vs humans.

At the conclusion of the webinar, the Q&A round was held in which the participants got an opportunity to put forward questions to sate their curiosity. The overall session was insightful and the students got particulars about Machine learning, AI and deep learning. The session ended with thank you note by expressing gratitude to Prof. Milan Tuba and Dr. Catarina Moriera for taking out time from their busy schedule and making the students aware of such trending topics. The webinar was attended by 320 participants, making the event a success.

IIS
(deemed to be UNIVERSITY)
IIS-TIE (The International Celi) & Dept of CS&IT
at
IIS (Deemed to be) University, Jaipur
In association with
Jaipur ACM Professional Chapter
INVITE YOU ALL TO
i - Waves 2020
(International Webinars on Advances in E-Services 2020)
(4 Webinars Series from 13th to 19th Aug, 2020)
Webinar - 3 on 17th of August (2:00 PM - 3:30 PM)
SPEAKER-1
SPEAKER-2
Dr. Catarina Moreira
Lecture in Information System
Queensland University of Technology,
Brisbane
Australia
TOPIC
Prof Milan Tuba
Vice Rector for
International Relations
Singidunum University
Belgrade, Serbia
TOPIC


XAPI Research Group
Dr Renuka Sindhgatta Rajan
Lecturer
Dr. Chun Ouyang
Senior Lecturer / Group Leader
Dr. Catarina Moreira
Lecturer
Miss. Mythreyi Velmurugan
PhD Candidate
Mr. Yu-Liang (Leon) Chou
PhD Candidate


Artificial Intelligence
Nowadays artificial intelligence has been successfully applied to numerous practical problems and these applications are used in everyday life:
autonomous vehicles,
medicine,
conversion voice to text,
object detection,
face recognition,
etc.
Many of these problems have been solved by using deep learning methods and one of the recent deep learning method is convolutional neural network.