



IEEE – MVSR STUDENT BRANCH
Student Branch Code: 12161 , School Code: 41329276



Lecture on Convolutional Neural Networks

On September 1st 2017, IEEE MVSR Student Branch conducted a lecture on Convolutional Neural Networks. The expert lecture was given by senior faculty members who have immense experience in the fields of Artificial Intelligence and Machine Learning.

Student Branch Mentor:

Dr. Atul Negi,
Professor, School of CIS,
University of Hyderabad.

Student Branch Advisor:

Mr. V. Ashwini Kumar,
Assoc. Professor , IT Dept.,
MVSR Engineering College.

Student Branch Counsellor: Advisor:

Dr. T. Anil Kumar
Assoc. Professor, ECE Dept.,
MVSR Engineering College.

WIE Student Branch

Dr. G. Kanaka Durga,
Assoc. Professor, ECE Department,
MVSR Engineering College.

PES Student Branch Advisor:

Dr. D. Hari Krishna,
Assoc. Professor, EEE Dept.,
MVSR Engineering College

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Workshop Details:

Date: 1st September 2017

Venue: IT AV Hall.

No. of participants: 20

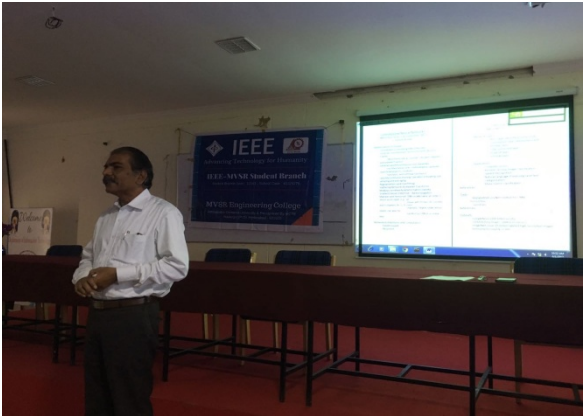
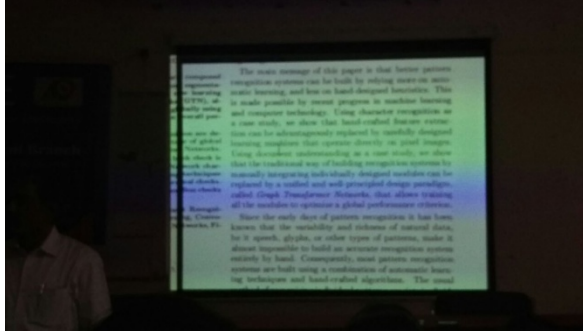
The aim of the session was to introduce the audience to the topic of Convolutional Neural Networks to help them pursue the subject for future research and project works.

The main speakers for the day were Mr. V. Ashwini Kumar, Assoc Professor, ITD and Dr. M. Hanumandlu, Professor, CSED at MVSR Engineering College.



The topics covered in the lecture included introductions to:

- Mathematical Techniques
- Matrices and tensors
- Network architectures and Computations
- CNN Le-Net5
- Applications of CNNs
- Tools to build CNNs
- Example Datasets that can be used
- CNN Models
- Focus Areas of Research



The lecture provided a wonderful introduction to Convolutional Neural Networks for faculty members planning on pursuing research in the field and final year students who wish to pursue their major projects related to the topic. It was highly informative and inspired the audience to learn more about the subject and implement the concepts taught, for their own projects.