

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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Report on “Application of Machine Learning in Electronics and Communication”

Organised by Dept of ECE, 04 July 2020

Submitted by: Dr. Ranjan Kumar Mahapatra, Associate Professor, Dept. of ECE

ECE Department conducted a webinar on **“Application of Machine Learning in Electronics and Communication”** on 04-07-2020.

The resource person was: **Dr. Shivalal Patro** , Assistant Professor

School of Electronics Engineering,
Campus-12, KIIT, Odisha

Dr. Shivalal Patro is having 7+ years of teaching and 8+ years of research experience. He is currently pursuing research in macro modeling and synthesis of analog circuits using machine learning and optimization techniques.

The main focus of the program was to motivate and create awareness among the students on basic challenges in Machine Learning. This webinar is aimed to enlighten the participants with the recent and emerging technologies in the domain of Electronics and communication where Machine Learning techniques can be implemented. Main agenda of the event can be sorted as given below:

- What is Machine Learning.
- ML vs AI vs IoT vs DS.
- Implementation.
- Vital fields of electronics and communication.