



SANDIP FOUNDATION'S
SANDIP POLYTECHNIC, NASHIK
DEPARTMENT OF COMPUTER ENGINEERING

Activity Report
of
webinar
on

Machine Learning and AI

(14 MAY 2020)

Organized by,

Sandip Foundation's

Sandip Polytechnic

Department of Computer Engineering

Name of Program: Machine Learning and AI

Date : 14 May 2020

Resource Person : Dr.Ramchandra Tiwari

Address of company : Cognifront, Nashik

Event Coordinator : Prof. V.B.Ohol (HOD-Computer Engg,SP)

Participants : Students/Professionals

Aim : The focus of this webinar is on AI fundamental, AI techniques for knowledge representation, search, reasoning, learning and designing intelligent agents.

Objectives :

1. To have an appreciation for and understanding of both the achievements of AI and the theory underlying those achievements. To have an appreciation for the engineering issues underlying the design of AI systems.
2. To have a basic proficiency in a traditional AI language including an ability to write simple to intermediate programs and an ability to understand code written in that language.
3. To have an understanding of the basic issues of knowledge representation and blind and heuristic search, as well as an understanding of other topics such as minimal, resolution, etc. that play an important role in AI programs.

Outcomes:

1. Understanding of the major areas and challenges of AI.
2. Ability to apply basic AI algorithms to solve problems.
3. Understanding of ethical issues in AI.
4. Identify problems that are amenable to solution by AI methods, and which AI methods may be suited to solving a given problem.
5. Formalize a given problem in the language/framework of different AI methods (e.g., as a search problem, as a logical theory, as a planning problem, etc).
6. Implement basic AI algorithms (e.g., standard search algorithms or resolution).
7. Design and carry out an empirical evaluation of different algorithms on a problem formalization, and state the conclusions that the evaluation supports

Summary Report of Online Webinar on Machine Learning and AI

Sandip Foundation's, Sandip Polytechnic, Department of Computer Engineering organized webinar on Machine Learning and AI on date 14 May 2020.

The webinar was started with welcome & felicitation of Dr.Ramchandra Tiwari by Computer Engineering department.

Machine learning in business and other areas such as healthcare and governmental departments is not simply another term for AI (Artificial Intelligence). While AI is the umbrella term given for machines emulating human abilities, machine learning is a specific branch of AI where machines are trained to learn how to process and make use of data; another description often used is 'machine intelligence'.

The objective of machine learning in business is not only for effective data collection, but to make use of the ever increasing amounts being gathered by manipulating and analysing it without heavy human input.

Machine intelligence enables complex and larger data to be processed and analysed along with the desired results being achieved such as determining customer trends, detecting fraud, spotting buying trends and other primary objectives.

Machine learning in business therefore offers an important commercial benefit in being to make the best use of your data.

Indeed, a key objective of machine learning is to enable you to keep up with those competitors already making best use of their data to maximise business opportunities.

Most commercial and non-commercial organisations benefit from machine learning, so it's highly likely that some form of machine intelligence can be put to use in your business.

To attend the same workshop total 175 students and professionals were present. At the end of event students/professionals were appreciated. The workshop concluded with vote of thanks.

Photo:



SANDIP FOUNDATION'S
SANDIP POLYTECHNIC, NASHIK

Department of Computer Engineering &
Information Technology

Webinar On

MACHINE LEARNING & AI



**Technical Director,
Cognifront, Nashik
Ex-Director, School of Computer
Science, YCM Open University,
Nashik**

**Day & Date
Thursday, May 14
2020
Time : 11:00 AM**

**Prof. Prashant Patil
Principal**

**Prof. V.B. Ohol
Coordinator**