

A Report on Webinar on
"Exploring the Landscape of Machine Learning Algorithms: A Comprehensive Overview"
Organized by Department of Computer Science & Engineering
On 31.01.2024



Submitted by: Ms. Ramya Palaniappan, Assistant Professor, Department of Computer Science & Engineering.
Resource Person: Dr. S. S. Aravinth, Associate Professor (CSE-H) at K.L. University, Vijayawada, Andhra Pradesh
Mode of Conduct: Online
Report Received on 05.02.2024

Participants: 88 students from CSE department

The Department of Computer Science & Engineering (CSE) organized an Online webinar on 'Exploring the Landscape of Machine Learning Algorithms: A Comprehensive Overview' for CSE department students, on January 31st, 2024, 01.00 pm -2.30 pm. The objective of the webinar was to throw light on supervised machine learning algorithms available to build applications in different domains. The event commenced Seminar Hall - B at 01.00 PM, with the participation of 88 III year CSE students as attendees.

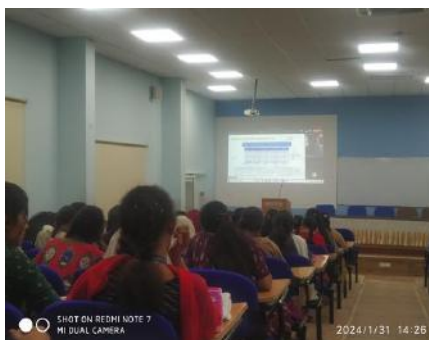
Topics for the session:

- Role of Artificial Intelligence in real time problem solving
- What is Machine Learning (ML) & types of ML
- Types of supervised ML algorithms
- Case study in Colab environment to simple ML projects
- Scope for real-time projects

The Co-Chair Dr. R. Kalpana, Professor & HoD, Computer Science & Engineering gave a warm welcome and invited the Resource Person for the event. She thanked the Management and the Principal for their endless support to conduct these types of technical events to enrich the knowledge of the students with the recent technologies and their application in Industries. The event convener Ms. Ramya Palaniappan, Assistant Professor, Department of CSE introduced the Resource person to the gathering.

Discussion in Webinar:

During the session, Dr. S. S. Aravinth discussed the importance and role of AI in solving real-time problems in this era. He explained about the mathematical concepts behind the various supervised machine learning algorithms such as linear regression, Random Forest, Support Vector Machine etc., He explored the Google Colab tool to import the dataset and build ML models to make predictions on the hypothesis built.



Outcome:

The students who attended the webinar got an idea about the various supervised ML algorithms. They witnessed a live practical demo of how Google Colab tool is used for building ML projects. They appreciated the practical implementation given by the Resource person.

Vote of Thanks:

The convener Ms. Ramya Palaniappan, Assistant Professor, Department of Computer Science & Engineering, proposed a vote of thanks. She thanked the Resource person for accepting the invitation and delivered an informative session for the students. She thanked the management, Principal & Head of the Department for having provided opportunity to organize this Webinar.