GUEST LECTURE ON DATA ANALYSIS USING PANDAS (R PROGRAMMING)

Event No	AM002
Organizing Department	Artificial Intelligenceand Machine Learning
Associate Dept. | NSC	Artificial Intelligenceand Machine Learning
Date	06/11/2023
Time	09:00 AM to 04:15 PM
Event Type	Guest Lecture
Event Level	Dept. Level
Venue	Online
Meeting Medium	
Meeting Link	https://us06web.zoom.us/j/85825495073?pwd=UAS8hUYG0Q05aWcCBq2IweOEDCo1q1.1
Total Participants	82
Faculty - Internal	5
Students - Internal	77

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr Rathinaraja Jeyaraja	Post doc Research Fellow	University of Houston-Victoria, USA	jrathinaraja@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Karthikeyan S	Convenor

Outcome

Outcome: The Guest Lecture on 'Data Analysis using Pandas' had several positive outcomes:**Knowledge Enhancement:** The lecture provided valuable insights and hands-on experience to the students in data analysis using Pandas, Installation, Pandas Structures, and Indexing. They gained a deeper understanding of data manipulation techniques and how to work with real data.**Interaction and Engagement:** The students allowed for active participation and interaction between Dr. Jeyaraja and the students. Participants could ask questions and seek clarifications in real time, enhancing their learning experience.**Skill Development:** Students were exposed to the practical aspects of data analysis, which is a crucial skill in the field of artificial intelligence and machine learning. This knowledge will be beneficial for their future career prospects.**Networking Opportunity:** Students had the privilege to learn from an expert in the field, and the event served as a networking opportunity for them to connect with a professional from the industry.

Event Summary

Overview: The Department of Computer Science and Engineering (CSE) with a specialization in Artificial Intelligence and Machine Learning (AIML) organized an Expert Talk on 'Data Analysis using Pandas' on 06th November 2023. The guest lecture was conducted online, allowing students from CSE (AIML) to participate from the convenience of their locations. Dr. Rathinaraja Jeyaraja, a renowned expert in the field, delivered the lecture.**Event Details:**The event commenced at 9:30 AM as scheduled, and students joined the online platform.Dr. Rathinaraja Jeyaraja provided an introduction to himself, emphasizing his extensive experience in data analysis and research in the field of artificial intelligence.The lecture focused on the practical aspects of using Pandas, a popular data manipulation library in Python, for data analysis.The presentation covered various topics, including Pandas data structures (Series and DataFrames), data manipulation techniques, and hands-on examples of data cleaning, filtering, and visualization using Pandas.Dr. Jeyaraja demonstrated real-world use cases and explained how Pandas can be a valuable tool for data scientists and analysts.In conclusion, the Guest Lecture on 'Data Analysis using Pandas' by Dr. Rathinaraja Jeyaraja was a highly informative and engaging event, contributing to the students' academic and professional development in the field of data analysis and AI/ML. The Department of CSE (AIML) intends to continue

organizing such valuable events in the future to enhance students' learning and exposure to the latest trends in the field.

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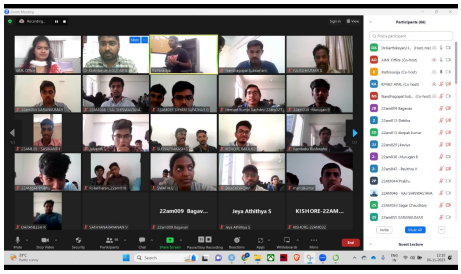

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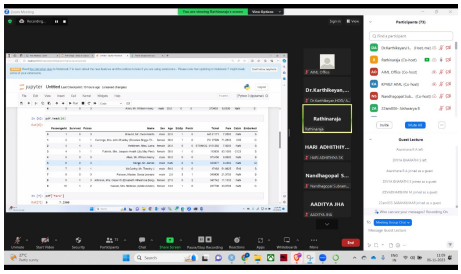

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