GUEST LECTURE ON AI IN HEALTH CARE

Event No	AM002
Organizing Department	Artificial Intelligenceand Machine Learning
Date	26/03/2024
Time	07:00 PM to 09:00 PM
Event Type	Guest Lecture
Event Level	Dept. Level
Meeting Medium	
Meeting Link	https://zoom.us/j/95662161187?pwd=THRoUTJoNVQzdGdLdExLeitja05YUT09
Total Participants	74
Industry Personnel	1
Faculty - Internal	1
Students - Internal	72

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Tathagat Banerjee	Cyber security Data Analyst	Societe Generale	banerjeetathagat@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Karthikeyan S	Convenor
2	Kothai G	Coordinator

Outcome

The session delves into how AI is revolutionizing the process of drug discovery and development.The session provides students with valuable insights into the multifaceted ways in which AI is reshaping the landscape of healthcare, from predictive analytics to drug discovery, ultimately highlighting the potential for AI to improve patient care and advance medical research.

Event Summary

The student was able to learn the AI-powered predictive analytics tools for analyzing large volumes of patient data to identify individuals at risk of developing specific diseases or medical conditions. These tools can also monitor patients in real-time, providing alerts for potential health issues and enabling proactive interventions to prevent complications. The students were able to know how AI enables the analysis of vast amounts of patient data, including genetic information, medical history, and lifestyle factors, to tailor treatment plans to individual patients. The students explored the working of AI-powered virtual health assistants and chatbots provide patients with access to personalized healthcare information, answer questions, schedule appointments, and even provide basic medical advice. The AI technologies that are used to streamline healthcare operations and administrative tasks, such as scheduling appointments, processing medical records, and optimizing resource allocation in hospitals and healthcare facilities are analyzed. Students are introduced to how AI-powered algorithms can analyze large volumes of patient data to predict and monitor individuals at risk of developing specific medical conditions. This application of AI helps in early intervention and personalized healthcare management, potentially improving patient outcomes and reducing healthcare costs.

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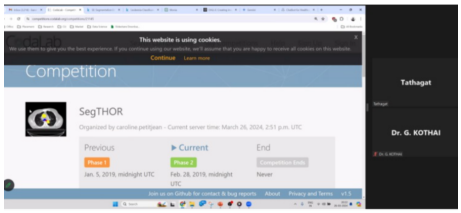

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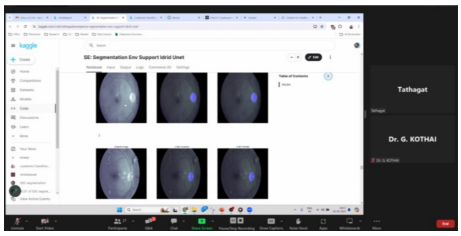

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