



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**AM002****NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**GUEST LECTURE ON AI IN HEALTH CARE**

| | |
|------------------------------|---|
| Event No | AM002 |
| Organizing Department | Artificial Intelligence and 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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DEPARTMENT OF CSE
(Artificial Intelligence and Machine Learning)

Speaker
Mr. Tathagat Banerjee
Cyber Security Data Analyst at Societe Generale, Bangalore

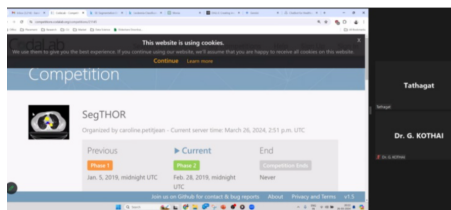
INDUSTRY EXPERT TALK ON
AI IN HEALTHCARE
(FOR 1 YEAR AIML)

26.03.2024 (ONLINE)
07.00 PM -09.00PM

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Competition

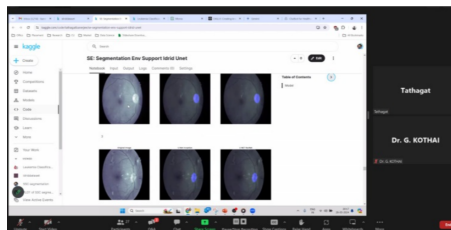
SegTHOR

Organized by caroline.pet@epfl.ch - Current server time: March 26, 2024, 2:51 pm, UTC

| Previous | Current | End |
|---------------------------|----------------------------|-------|
| Jan 5, 2019, midnight UTC | Feb 28, 2019, midnight UTC | Never |

Dr. G. KOTHAI

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Segmentation Error Support Portal

Dr. G. KOTHAI

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