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Title: *Exploring How Artificial Intelligence (AI) Affects Healthcare Decision-Making*

Keynote Speaker Summaries

Speaker 1: Prof. Mahesha Kapurubandara

Position: Pro Vice-Chancellor, SLIIT International

Topic: *AI and Technology for Global Challenges*

Main Ideas

- The world's grappling with some serious challenges—climate change, dwindling resources, widening inequality.
- But here's the thing: the younger generation actually has the tech and the skillset to tackle these problems.
- AI's not just a buzzword anymore. It's driving real progress in sectors like healthcare, agriculture, and education.
- And it's not limited to powerhouse countries. Places like Sri Lanka are leveraging technology to create solutions tailored to their own needs.
- it's a smart move and one that's been a long time coming.

Interesting Data

- In 2023, 60% of students expressed interest in careers that combine AI and sustainability.
- Sri Lankan farms reported a 15% increase in crop yields in 2024 after implementing AI solutions.
- Additionally, a student-developed AI model enabled farmers to reduce water usage while boosting production.

Key Takeaways

- AI isn’t just about technology—it’s genuinely changing the way we live and work. For example , students without any farming background designed tools that made a real difference for agricultural communities.
- That’s a testament to what young innovators can do.
- The future really is in the hands of these changemakers. And let’s not forget, sometimes the most effective global solutions actually start with local projects.

Memorable Quote:*"The World Needs You—Now More Than Ever" "You don't have to wait for the future—your part of it right now"*

Speaker 2: Mr. Kalana Muthumuni

Position: CEO & Co-Founder, Hyperglade

Topic: *Capitalism and Sustainable Futures with AI*

Main Ideas

- AI is changing the game for businesses, letting them operate more responsibly while still remaining profitable.
- With the right AI tools, companies can use resources more efficiently, save on costs, and build a stronger foundation for growth.
- Blending capitalism and sustainability isn’t just a pipe dream—smart technology makes it possible.

Real-Life Examples

- Take Bee Works—they failed, largely due to poor financial management. A tough but valuable lesson.
- On the flip side, Delma allocates 15% of its profits to community programs, showing that companies can prioritize impact and still perform well.

Key Takeaways

- Traditional capitalism is ready for a shift, and AI is the key to making business models more sustainable.
- It's not all about rapid growth anymore; meaningful growth is what sets companies apart.
- Strategic use of AI gives companies a real competitive edge.

Memorable Quote:"*It's not about how fast you grow, it's about how meaningful you grow. "*

Speaker 3: Dr. Edward Braund

Position: Head of Computer Science, University of Bedfordshire

Topic: *Unconventional Computing with Biological Systems*

Main Ideas

- Unconventional computing is reshaping the landscape by leveraging biological, chemical, and physical systems instead of the usual silicon-based hardware.
- Take slime molds, for example—Physarum Polycephalum isn't just some odd lab curiosity;
- it can actually solve logical problems and demonstrate a surprising level of intelligence
- These biological systems don't just work—they self-repair and are much more energy-efficient, which lines up well with current sustainability goals in tech.

Research Highlights

- Slime mold is now being utilized to solve logical problem-solving tasks.
- Memristors, meanwhile, can retain data by leveraging both magnetic and electrical properties.
- These technologies are progressing beyond theoretical discussion and are actively being tested in laboratory environments.

Key Takeaways

- Biological systems present more intelligent and environmentally friendly options. Integrating sensors and actuators significantly increases efficiency.
- We're moving into a new chapter of computing that goes beyond traditional silicon chips.

Memorable Quote: *"Biological systems equipped with sensors and actuators enhance processing efficiency"*

Learning Outcomes

- AI is helping in many areas—solving problems, making money, and changing how we see computers.
- Innovation and sustainability can work together—tech can protect the environment too.
- New ideas in biology-based and unique computing show progress, even if it's slower than before.