

## UKIERI Phase 4

### Strand 1: Institutional Research and Mobility Partnership

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#### Curtain Raiser

#### UKIERI Insights and AI Seminar

**Title: -** Advancing Healthcare through Predictive Analytics:  
A Machine Learning Approach

## Detailed Report

**Introduction** Amity University, in collaboration with York University, United Kingdom, recently hosted an event to celebrate the UKIERI (UK-India Education and Research Initiative) grant. The grant aims to advance healthcare through predictive analytics using a machine learning approach. This significant initiative is a part of the UKIERI, British Council, and SPARC scheme, highlighting the strong international partnership between Amity University and York University followed by making awareness of such type of Grants.

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#### 1030 – 1100 hrs: Registration & Networking

- The event commenced with the registration of esteemed guests, faculty members, and students, fostering an atmosphere of anticipation and enthusiasm.
- Attendees utilized this time to network, exchange ideas, and build connections, setting a collaborative tone for the day's proceedings.



**1100 – 1110 hrs: Introduction by Co-PI Prof. (Dr.) Anupama Rajesh, Professor, Amity University, Noida**

- Prof. (Dr.) Anupama Rajesh warmly welcomed all attendees and provided an overview of the day's agenda.
- She emphasized the importance of the UKIERI grant and the collaborative efforts between Amity University and York University.



**1110 – 1115 hrs: Lighting of Lamp**

- The ceremonial lighting of the lamp was conducted, symbolizing the dispelling of ignorance and the ushering in of knowledge and enlightenment.
- Dignitaries including Prof. (Dr.) Gurinder Singh, Ms. Parul Gupta and Ms. Kaajal Chibberr participated in this auspicious ceremony.
- The ritual added a traditional and solemn touch to the event, aligning with the cultural values of the institution.



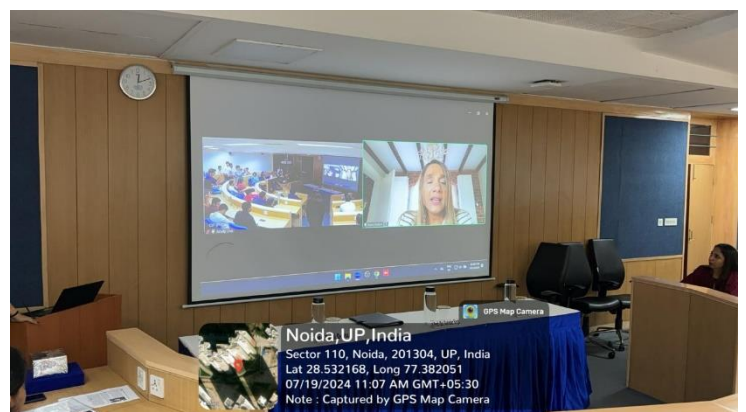
**1115 – 1125 hrs: Welcome Address by PI Prof. (Dr.) Gurinder Singh, Group Vice Chancellor, Amity Universities**

- Prof. (Dr.) Gurinder Singh delivered the welcome address, expressing gratitude to all participants and collaborators.
- He highlighted Amity University's commitment to fostering international collaborations and advancing research in critical areas such as healthcare.
- Prof. Singh also discussed the broader vision of the project and its potential impact on healthcare systems through predictive analytics.



**1125 – 1135 hrs: Address by PI Prof. Kiran Trehan, Pro Vice Chancellor, York University, United Kingdom**

- Prof. Kiran Trehan shared insights into York University's perspective on the collaboration and the strategic importance of the UKIERI grant.
- She emphasized the value of international partnerships in driving innovation and addressing global challenges.
- Prof. Trehan also outlined York University's role in the project and the expertise they bring to the table.





**1135 – 1145 hrs: Address by Ms. Parul Gupta, Country Lead EDI, Higher Education Partnerships, British Council India**

- Ms. Parul Gupta provided an overview of the British Council's role in fostering educational and research partnerships between the UK and India.
- She discussed the objectives of the UKIERI program and its focus on promoting sustainable and impactful collaborations.
- Ms. Gupta expressed her optimism about the project's potential to make significant contributions to healthcare through machine learning.



**1145 – 1155 hrs: UKIERI Overview and Insights & Introduction of Team by Co-PI Dr. Garima Shukla, Associate Professor, Amity University, Mumbai**

- Dr. Garima Shukla presented an in-depth overview of the UKIERI program, its goals, and the expected outcomes.
- She introduced the key members of the project team, highlighting their expertise and contributions.
- Dr. Shukla also shared insights into the project's roadmap, milestones, and the collaborative efforts involved.



**1155 – 1205 hrs: About Project by Co-PI Dr. Sofia Singh, Associate Professor, Amity University, Noida**

- Dr. Sofia Singh provided a detailed description of the project, focusing on its objectives, methodologies, and anticipated impact.
- She explained the role of predictive analytics and machine learning in transforming healthcare delivery and outcomes.
- Dr. Singh also discussed the innovative approaches and technologies being employed in the project.



### **1205 – 1215 hrs: Introduction to the Student Team**

- The student team was introduced, showcasing the young talent and future leaders involved in the project.
- Each student briefly presented their background, role, and contributions to the project.
- The introduction highlighted the interdisciplinary nature of the team, comprising students from various academic backgrounds.

### **1215 – 1220 hrs: Felicitation & Acceptance Speech: Ms. Kaajal Chhibber, Founder and Managing Trustee, Sathee Foundation, for being Judge during ACU Sustainability Competition**

- Ms. Kaajal Chhibber was felicitated for her role as a judge during the ACU Sustainability Competition.
- She expressed her gratitude and shared her experiences and insights from the competition.
- Ms. Chhibber emphasized the importance of sustainability and the role of education in driving sustainable development.



### **1220 – 1225 hrs: Felicitation of Ms. Parul Gupta, Country Lead EDI, Higher Education Partnerships, British Council India**

- Ms. Parul Gupta was honored for her contributions to fostering educational partnerships between the UK and India.
- She was presented with a token of appreciation by the event organizers.
- Ms. Gupta expressed her thanks and reiterated her commitment to supporting impactful collaborations.



**1225 – 1230 hrs: Vote of Thanks by Co-PI Dr. Shipra Saraswat, Associate Professor, Amity University, Noida**

- Dr. Shipra Saraswat delivered the vote of thanks, expressing gratitude to all speakers, participants, and organizers.
- She acknowledged the contributions of the UKIERI, British Council, and York University in making the project possible.

**1230 hrs. onwards: AI Seminar by Co-PIs: Dr. Shipra Saraswat, Dr. Sofia Singh, Dr. Garima Shukla**

- The seminar focused on the application of artificial intelligence in healthcare, featuring presentations by Dr. Shipra Saraswat, Dr. Sofia Singh, and Dr. Garima Shukla.
- Each Co-PI shared their expertise and discussed specific aspects of the project, including data analysis, predictive modeling, and implementation strategies.



**Conclusion** The UKIERI grant event at Amity University was a significant milestone in the collaborative efforts between Amity University and York University. It highlighted the potential of international partnerships in advancing healthcare through innovative technologies. The event successfully brought together experts, educators, and students to share knowledge, exchange ideas, and set the stage for impactful research and development in predictive analytics and machine learning.

