



## Report on

### **Certified Master Classes in Collaboration with Australian University**

**Date:** February - April 2024

**Venue:** A-213, A Block

**Event Type:** Master Classes

**Mode of Activity:** Online

**Target Group:** KRMU students across the schools

**Organized By:** KRMU International Relations Office

**Coordinators:** Dr. Meenakshi Gujral- Director, KRMU International Relations,  
Dr. Mansi Dewan (PT)

**Name of Collaborating Agency:** i-Step pvt. ltd

#### **Introduction**

The International Relations K.R. Mangalam University conducted a series of certified master classes for students of K.R. Mangalam University in collaboration with Australian University facilitated by i-Step pvt ltd. These master classes were designed to provide advanced knowledge and skills in specific areas and were typically led by experts in the field. The topics covered in these master classes were data science and AI, business innovation, and green steel. Below is the schedule of the various classes conducted under the program-

S.no	Master Class	University	Date	Time	Students Registration
1.	Data Science, AI, and Cyber Security & Privacy	Deakin University	28 <sup>th</sup> Feb'2024	11:00 am	196
2.	The Art and Science of Business Innovation	UNSW, Sydney	6 <sup>th</sup> March'2024	11:30 am	66
3.	The Art and	UNSW, Sydney	12 <sup>th</sup> March'2024	11:00 am	308

	Science of Business Innovation				
4.	Green Steel	Swinburne University	16th April'2024	11:00 am	210

## Objectives

The following were the objectives of these master classes:

1. Business and Entrepreneurship: Master classes in business strategy, innovation, marketing, finance, and entrepreneurship helped the students develop essential skills for success in the business world.
2. AI Algorithms and Techniques: To help students delve into the algorithms and techniques used in AI, such as classification, regression, clustering, reinforcement learning, natural language processing, and computer vision. This helped them better understand how these algorithms work and their practical applications.
3. Future Trends in Business Innovation: To help students gain insights into emerging trends and future directions in business innovation, such as digital transformation, sustainability, circular economy, and disruptive technologies. They also learned about the implications of global megatrends, such as demographic shifts, urbanization, and climate change, for innovation.
4. Green Steel: To help the students explore the role of carbon capture and storage (CCS) technologies in reducing the carbon footprint of steel production. Students learned about different CCS methods, such as post-combustion capture, pre-combustion capture, and oxy-fuel combustion, and their applicability to steelmaking processes.

## Methodology

Following the class being scheduled by Dr. Mansi Dewan (PT) via the i-step pvt ltd app, i-Step Master sent each university student a registration link via email so they could quickly register for the class. Following their registration, they received a link to the webinar, which they had to click to proceed with a brief evaluation. Students who attended the master class and received a score of 50% or higher were given a certificate.

## **Outcome**

It helped the students gain a deeper understanding of the subject matter covered in the master class. Whether it's business innovation, AI, green steel, or any other topic, they learned about the latest concepts, trends, and best practices in the field.

1. It contributed to the student's professional development by enhancing their expertise, expanding their professional network, and increasing their credibility in their field of interest.
2. It demonstrated a commitment to lifelong learning and continuous improvement.
3. Master classes often featured inspiring presentations, success stories, and insights from experienced professionals and thought leaders. Students gained new perspectives, ideas, and motivation to pursue their goals and aspirations with renewed enthusiasm and confidence.
4. Depending on the topic of the master class, students developed actionable solutions, strategies, or innovations that they can implement in their organizations, projects, or research endeavors. This leads to tangible outcomes such as improved business processes, innovative products or services, or impactful research findings.

## **Future Scope**

Beyond acquiring knowledge and skills, attending a master's class can contribute to the student's personal growth by fostering critical thinking, creativity, adaptability, and resilience. It can also help them develop a broader perspective and a deeper appreciation for the complexities and opportunities within their field of interest. Master classes can also provide opportunities for students to connect with instructors, industry experts, and fellow participants. Networking can lead to valuable collaborations, partnerships, and mentorship opportunities that can enhance participants' career prospects and professional development.

## Glimpse from the Master Class



Day 1



Day 1



Day 2



**Day 3**



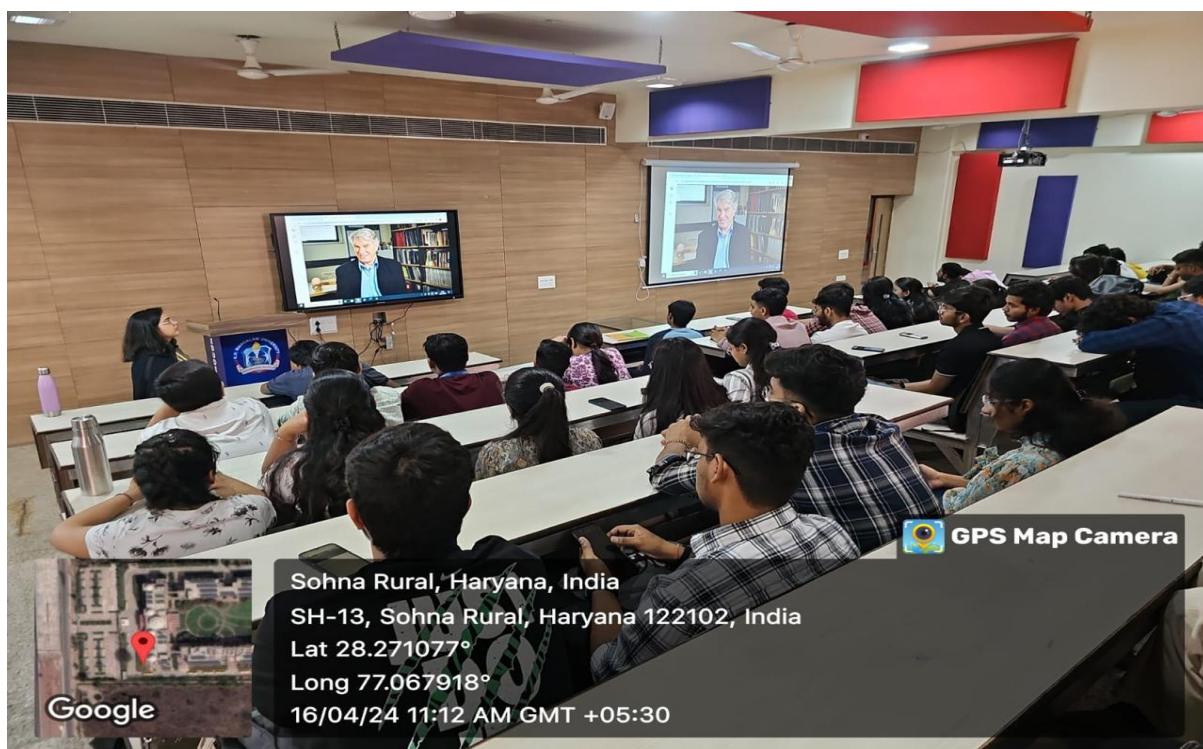
**Day 3**



Day 3



Day 4



**Day 4**



**Day 4**

Photos - Conducting master class via i-step pvt ltd

