

Centre for Excellence in E-Content Development (CEED)

AY 2022-23 Report

Date: 31/03/2023

The Centre was established and inaugurated on 11th November 2022 in presence of Hon'ble Minister of Higher & Technical Education, Govt of Maharashtra and University authorities. The CEED has been established with two major objectives:

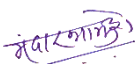
- a) To train teachers on developing learner centred 4-quadrant e-content and upskill to 21st century skills.
- b) To act as facilitation centre for creating learner centred 4-quadrant e-content by collaborating with various university departments and affiliated colleges of University of Mumbai.

CEED studio has been working on 4 SWAYAM Courses since November 2022. Till 31 March 2023 we have recorded and edited total 120 modules for SWAYAM and 4 courses related to IDOL.

In the AY 2022-23, the CEED has organised and facilitated 5 Faculty Development Programs on “e-content development”, “MOOCs” and “Creating Learner Centred 4-Quadrant e-content” as follows:

- a) St Xaviers College of Arts and Science, Fort, Mumbai on 12th November 2022.
- b) Bhavan's College of Arts, Science and Commerce, Andheri, Mumbai from 13th – 15th December 2022.
- c) L. S. Raheja College of Arts and Commerce, Santacruz (W), Mumbai on 28th February 2023.
- d) Thakur Ramnarayan College of Arts and Commerce, Dahisar, Mumbai from 6th – 12th March 2023.
- e) SIES College of Commerce and Economics, Sion (E), Mumbai from 13th – 15th March 2023.

An online lecture of Prof. Sangeeta Jouhari, Pro-Vice Chancellor of Ravindranath Tagore University, Bhopal was live streamed and recorded at the CEED studio on “National Education Policy 2020: Online and Distance Education” on 17th March 2023.



(Mandar Bhanushe)
Coordinator, CEED



Workshop on Artificial Intelligence in Metaverse

On behalf of Institute of Distance and Open Learning we the team of science faculties of IT/CS/MCA and Maths under the guidance of our faculty head Mr Mandar Bhanushe and in collaboration with the Telperium team Mr Faiyaaz and Mr Nathaniel had conducted a workshop on **"Artificial Intelligence" in Metaverse.**

Following is the banner of our workshop;



Vision of the Future

WORKSHOP ON AI IN METaverse

TELPERIUM LAB PRESENTS

IDOL

Director
Dr. Prakash Mahanwar

Deputy Director
Dr. Madhura Kulkarni

Faculty Head
Mandar Bhanushe

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2 FEBRUARY 2023
6 PM - 8 PM

@telperium idol.uom@groups.facebook.com @idol_uom

Following was the flow of the workshop

1. Miss Gouri Sawant - Introduction and few instructions
2. Mr Mandar Bhanushe - Enlightening the workshop
3. Mr Faiyaz Pardiwala - Speaker of the workshop (Topic)
4. Mr Sumedh Shejole - Valedictory

Overview of the workshop

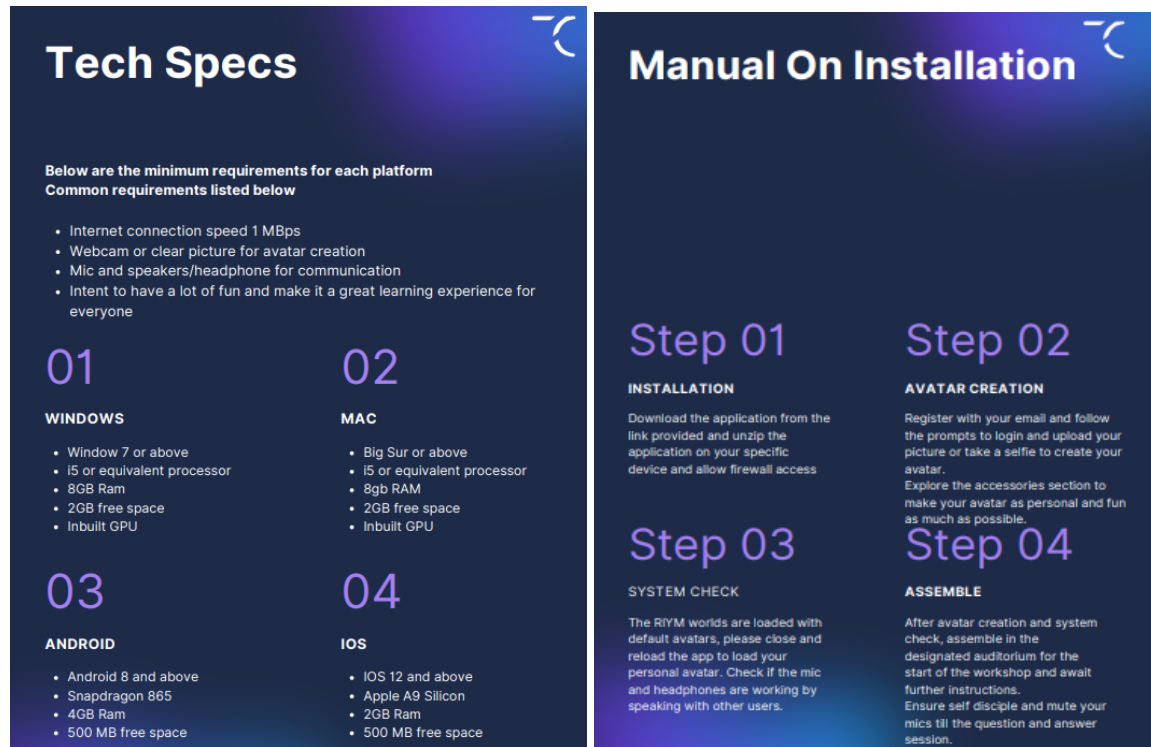
Workshop was conducted on the date 2nd February 2023.

The purpose of this report is to provide a comprehensive overview of AI in the metaverse that was held on 2nd February 2023. The Workshop aimed to educate attendees on the current state of AI in virtual environments and its potential applications in the near future. The rise of virtual environments and the metaverse have opened up new opportunities for the use of AI in a variety of applications. AI is expected to play an increasingly important role in the metaverse in the coming years, from virtual assistants to complex decision-making systems. As such, it is important to understand the current state of AI in virtual environments and its potential applications

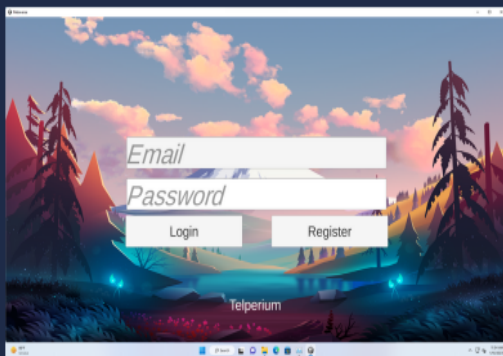
Just a week before a week a tech sheet was provided to the students with necessary information as to how to download and install the software.

Following are the screenshots of the same

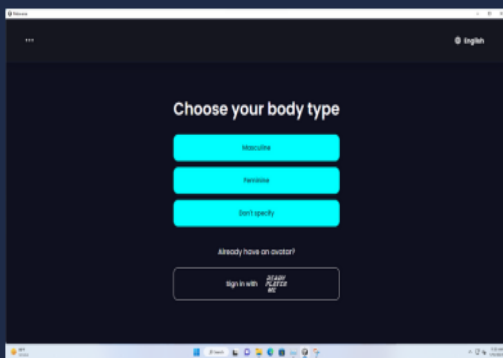
TECH SHEET SCREENSHOTS



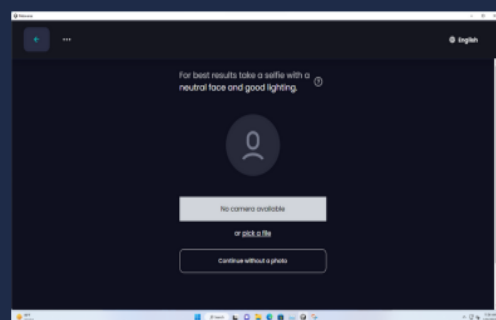
Step 2a



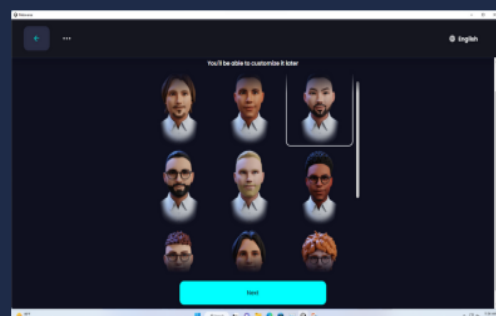
Step 2b



Step 2c



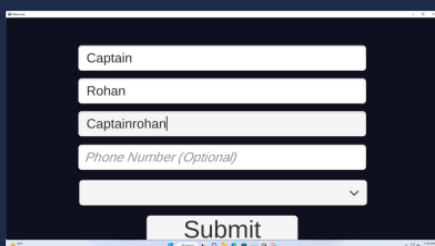
Step 2d



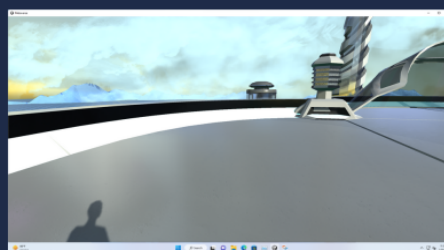
Step 2e



Step 3a



Step 3b



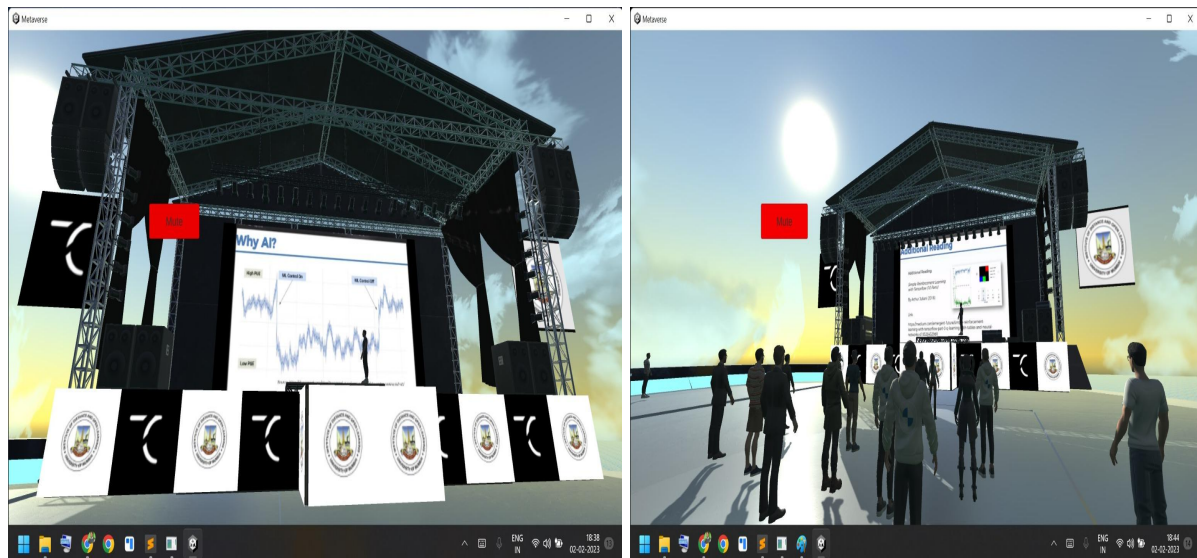
Step 4



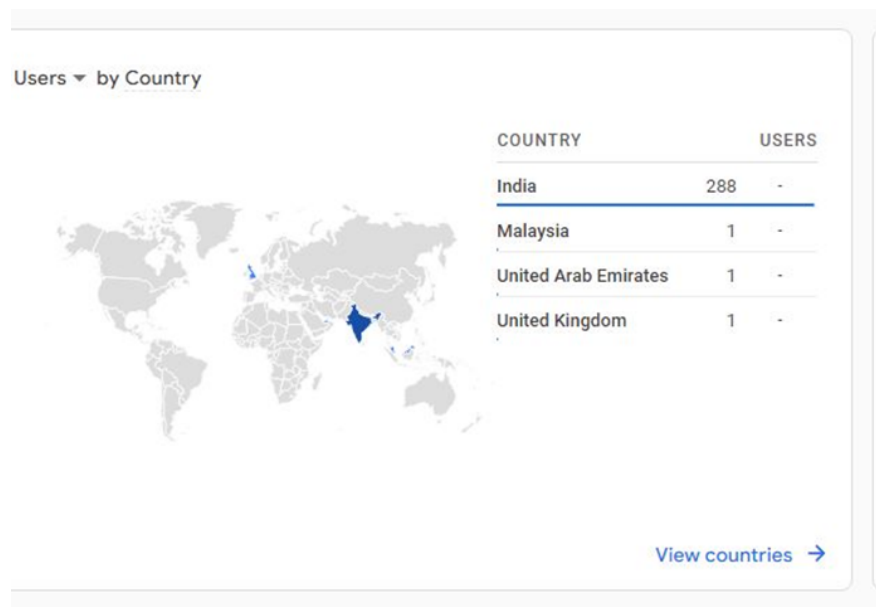
→ Our Speaker Mr Faiyaz Spoke on the topics:

1. Reinforcement Learning
2. The Bellman Equation
3. The "Plan" in reinforcement learning
4. A Markov Decision Process (MDP)
5. Policy and Plan
6. Q-Learning
7. Temporal Difference

The workshop was attended by around 300 individuals, including students, researchers, and professionals in the field of AI and virtual environments. And an audience of 1500 attendants via Youtube Live stream. Following attached are the screenshots of workshop conducted in metaverse with attendees and a report from countries where our students had attended







Our workshop was live streamed on youtube:

<https://youtube.com/live/xegkx3X2l10?feature=share>

The workshop was well-received by attendees, who appreciated the opportunity to learn about the current state of AI in the metaverse and its potential applications. Attendees expressed interest in learning more about the topic and participating in future events. The guest speakers received positive feedback for their presentations and were praised for their expertise and knowledge on the subject.

The workshop on AI in the metaverse was a successful event that provided valuable information to attendees on the current state of AI in virtual environments and its potential applications in the future. The event demonstrated the increasing importance of AI in the metaverse and its potential to revolutionize the way we interact with virtual environments. The positive feedback from attendees highlights the relevance and timeliness of the topic, and underscores the need for continued education and exploration in this area.

Overall the workshop was a success and we will surely continue to have many more workshops in Metaverse.

9th November, 2022

Special Lecture Series on Research Methodology

The Department of Sociology of the Institute of Distance and Open Learning, University of Mumbai, under the banner of CIQA, launched a series of special lectures on Research Methodology. The first lecture was held live from CEED (Center for Excellence in E-content Development), IDOL on 9th November, 2022 at 2pm by the subject expert Prof. Mariyah Gour Ghor, Head, Department of Sociology, Rizvi college of Arts, science and Commerce. The lecture was titled as “Ethics in Social Research” and was telecasted Live on YouTube channel of IDOL with more than 400 viewers. With NEP 2020, highlighting the importance of Research in Higher Education, the special lecture series are an initiative taken by the Department of Sociology of IDOL, to introduce and acquaint the students with various techniques of social research. The series are not only restricted to the students of IDOL or the discipline of sociology, rather the sessions are multidisciplinary in nature. The upcoming sessions will cover various topics like SPSS, Plagiarism, Quantitative and Qualitative Research, INFLIBNET and so on.

Attached is the Banner and Programme Schedule for the above mentioned Program.



University of Mumbai
INSTITUTE OF DISTANCE & OPEN LEARNING (IDOL)
DEPARTMENT OF SOCIOLOGY
UNDER CIQA



Date: 9th November, 2022

Organizes

Time: 2 Pm

**AN ONLINE SERIES OF SPECIAL LECTURES ON
RESEARCH METHODOLOGY**

SESSION I - ETHICS IN SOCIAL RESEARCH

Speaker : Prof. Mariyah Gour Ghor

Asst. Professor & Head

Dept of Sociology

Rizvi College of Arts, Science & Commerce

Convenor: Prof. Santosh Rathod

Coordinator: Ms. Pankti Surve

Prof. Prakash Mahanwar

Director, IDOL

Dr. Madhura Kulkarni

Deputy Director, IDOL

CLICK HERE TO REGISTER : [HTTPS://FORMS.GLE/7J43VIX3FbyrkZxy8](https://forms.gle/7J43VIX3FbyrkZxy8)

Programme Schedule
for
A series of Special Lectures on “ Research Methodology”

Session 1 – 09th November, 2022

Time – 2pm

Time	Activity	Key Person
2pm -2.10pm	Inauguration	<u>Welcome Address</u> Prof. Prakash Mahanwar Director, IDOL, University of Mumbai Dr. Santosh Rathod Co-ordinator, CIQA <u>Introduction to Programme</u> Anil .R. Bankar Programme Co-ordinator
2.10pm -2.15pm	Introduction of the Speaker	Ms. Pankti Surve Asst. Professor Dept of Sociology, IDOL, University of Mumbai
2.15pm -3.15pm	Lecture	Prof.Mariyah Gour Ghor Professor & Head Dept of Sociology Rizvi College of Arts, Science & Commerce
3.15pm-3.25pm	Question & Answers	
3.25pm- 3.30pm	Vote of Thanks	Ms. Pankti Surve