Report on Session

Name of Event: Say 'Ome' in Post Covid Times

Date of Event: 26 February 2022, Friday

Location of Event: Microsoft Teams

Speaker: Dr. Prashanth N Suravajhala (Principal Scientist, Amrita University, Kerala)

Organized by: CS & IT Department, IIS (Deemed to be University), Jaipur

An informational session was organized by Computer Science & IT Department, as the part of the *Vigyan Sarvatra Pujyate*, Science week Celebration with Dr. Prashanth N Suravajhala on topic Say "Ome" in Post-Covid Times on online platform Microsoft Teams.

The session was hosted by Ms. Chiranshi Mathur who cordially welcomed the speaker with their brief introduction. The session started with discussing the meaning of "Ome". He briefly explained the term and raised a question whether covid is a blessing or bane in disguise? It has changed lives of people in both ways as due to COVID everything is digitalized and made it possible to do work sitting even at home as well as for some it proved bane because their work was taken away from those who could not gather technology.

He also discussed the question which we all ask that how dare this tiny invisible organism attack us? The economic and social disruption caused by the pandemic is devastating.

COVID also have a great impact on environment so he advised us to strive for a cleaner environment by staying at home, using less plastic, switching off the vehicle at red light or at traffic zone and keeping our working space clean. These small things would make immense difference and most importantly he advised to clean our phone and computers.

He discussed whether the temperature is influencing COVID-19 as graphs were showing the rise in COVID infections in March to June durations. He presented a temperature model and shared a bottom-line that viral persistence/perpetuation with change in external environment MIGHT lead to transmission of infection. This will be answered by using COPASI simulation methods.

He has explained various parameters of covid affecting the various aspects of society by graphical representation and showing statistical data. He explained the students about the intelligence of covid organisms which attacks its own domain, mitochondria and further explained how covid starts replicating itself as soon as it affects our body.

According to him, various researches that has been done on this and the researches are still going on how virus gets updated about other diseases and intelligence aspect of organisms. He has presented various models that are explaining the condition of covid and it's affect on mental and physical health.

People are not able to share their thoughts, they have no one to share their work stress and discuss the problems faced by them which is causing stress related problems. So, he advised to practice laughing with family at dinner as a mantra to be happy in these times.

At the end of session a question answer round held in which students and teachers also asked various doubts regarding the covid. Dr. Prashanth answered all the questions in detail very efficiently. He also acknowledged all his colleagues and team members at the end.

Prof. Dr. Vijay Singh Rathore presented a vote of thanks to Dr. Prashanth and concluded the session. The overall session was informative and filled with the words of wisdom which taught various points to keep in mind about post covid times.

65 participants attended the session. Session was very inspirational.