

# **Augmented Reality and Virtual Reality (ARVR) Workshop @ JSS College of Pharmacy, Ooty**

**Date: 3<sup>rd</sup> & 4<sup>th</sup> August 2023**

## **Report**

Department of Pharmaceutics, JSS College of Pharmacy, Mysuru in association with Department of Pharmaceutics, JSS College of Pharmacy, Ooty organized two days workshop on Augmented Reality and Virtual Reality (ARVR) on 3<sup>rd</sup> and 4<sup>th</sup> August 2023. This workshop was conducted to Staffs, Ph.D Scholars, Students of M. Pharm First year (Pharmaceutics, Industrial Pharmacy and Regulatory Affairs, Biotechnology) and Pharm D students. The main objective of the course was to impart various advanced processes in pharmaceutical manufacturing, In depth knowledge of the process and Industry immersion with hands on experience on various modules.

The program was formally inaugurated by Dr. S P Dhanabal, Principal, JSS College of Pharmacy, Ooty, Dr. K P Arun, Vice Principal, Dr. Gowthamarajan Kuppusamy, Professor & Head, Dr. VVS Narayana Reddy Karri Asst. Professor, Dept. of Pharmaceutics and Dr. Shailesh T, Lecturer, Dept. of Pharmaceutics, JSS College of Pharmacy, Mysuru, as a resource person.





On day one the first session began with introduction about the history and development of Augmented Reality and Virtual Reality (ARVR) by Dr. Shailesh T, he explained about Non-immersive reality, Immersive reality, Semi immersive reality and Augmented reality.



The second session was hand on experience on various modules of ARVR on real life Industry, Industrial safety, operations of lab scale to large scale equipment, handling of various hazardous chemicals and management of chemical accidents.



On day two the session began with ARVR hands on experience on various pharmaceutical manufacturing modules of gowning procedures, ampoule filling machine.



At the end of the course the participants were able to learn and acquire knowledge about ARVR, various industrial operations of pharmaceutical manufacturing, laboratory procedures, precautions in handling of hazardous chemicals. About 62 students of M. Pharm, Pharm. D and Ph.D Scholars were trained with various modules of ARVR.