

## Program Report for International Seminar on 3D Printing and its Opportunities in Health care

<b>Title of the event</b>	International Seminar on 3D Printing Technology and its opportunities in health care
<b>Organized Dates</b>	4 <sup>th</sup> to 5 <sup>th</sup> December 2024
<b>Theme</b>	3D Printing technology and its applications in health care
<b>Name of the coordinator</b>	Dr. Aman Suresh T
<b>Number of Participants</b>	137
<b>Objective of the event</b>	<ul style="list-style-type: none"> <li>• To explore the applications of 3D printing technology in healthcare.</li> <li>• To highlight internship opportunities with the US Institute of 3D Technology.</li> <li>• To initiate an MoU for enhanced academic and research collaborations.</li> <li>• To provide students with insights through expert sessions on 3D printing in the healthcare industry.</li> <li>• To foster global networking opportunities between students and industry leaders.</li> </ul>
<b>Outcomes of the event</b>	<ul style="list-style-type: none"> <li>• Students gained a deeper understanding of how 3D printing technology is transforming healthcare, including its applications in drug delivery, prosthetics, and customized medical solutions.</li> <li>• Students learned about potential internship opportunities with the US Institute of 3D Technology, opening doors for hands-on experience in cutting-edge technologies and career development.</li> <li>• The event facilitated the signing of an MoU with the US Institute of 3D Technology, paving the way for future academic exchanges and joint research projects.</li> <li>• The expert sessions led by Dr. Yogi Gandhi provided students with valuable insights into the latest trends and innovations in 3D printing technology in the healthcare industry.</li> <li>• Networking opportunities: The seminar offered students a platform to connect with industry professionals and experts, creating valuable networking opportunities that could benefit their future careers in pharmaceutical sciences and healthcare technology.</li> </ul>

## Report

### **Day 1: 4th December 2024**

The event commenced with the arrival of **Dr. Yogi Gandhi**, CEO of the **US Institute of 3D Technology, California, USA**, at **Sandip Institute of Pharmaceutical Sciences**. Dr. Gandhi was warmly welcomed by the college administration and faculty members.

On this day, Dr. Gandhi visited various **college facilities**, including the laboratories and classrooms, to assess the potential for **collaborative opportunities** between SIPS and the **US Institute of 3D Technology**. During his visit, he engaged in **discussions with the heads of various departments** of SIPS, focusing on the academic and technical requirements of students, particularly in the domain of **3D printing** and its applications in the healthcare industry.

Dr. Gandhi also took the time to understand the needs and aspirations of the students, ensuring that any future collaborations would be mutually beneficial and aligned with the latest advancements in 3D printing technology. His discussions covered areas such as student internships, research opportunities, and the integration of 3D printing into the pharmacy curriculum at SIPS.

### **Day 2: 5th December 2024**

On the second day, Dr. Yogi Gandhi, accompanied by his team from **South Carolina, USA**, arrived at the college at **10:00 AM**. They were received by the college administration and faculty for the formal continuation of the seminar.

The team held an **interactive session** with the students and faculty, where they discussed the **objectives of the seminar**, including the applications of **3D printing technology** in healthcare, the **internship opportunities** with the US Institute of 3D Technology, and the potential **Memorandum of Understanding (MoU)** between SIPS and the US Institute. Dr. Gandhi's team elaborated on how **3D printing** is transforming drug delivery systems, prosthetics, and other healthcare solutions, providing students with a deeper understanding of the technology's future role in healthcare.

Following the discussions, Dr. Gandhi and his team held a series of **meetings with the faculty heads** to finalize the terms of collaboration. These discussions were focused on **student requirements** and the practical integration of 3D printing into the academic framework of the institution.

At the end of the day, Dr. Gandhi and his team departed, leaving behind a promising foundation for future **collaborations** and **academic partnerships**.



## Glimpses of Program



The anchors introducing the guests to the attending participants.



Principal Sir Discussing on possible opportunities which could be provided to the students from 3D Printing Domain



Dr. Gandhi sir addressing the gathering with insightful remarks, fostering a collaborative atmosphere.



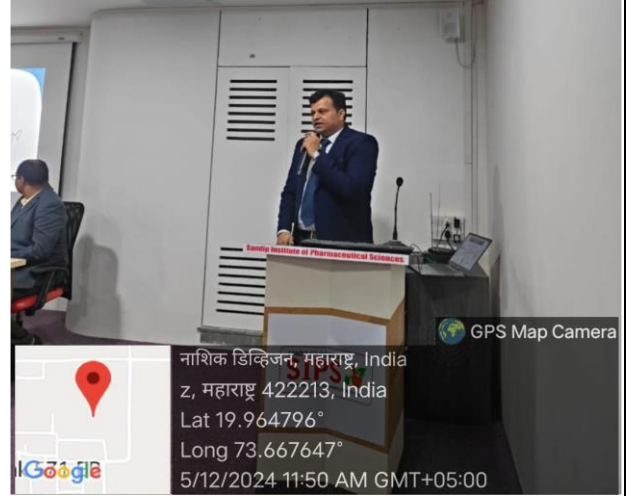
Dr. Gandhi Sir speaking to the students about upcoming MOU details and internship opportunities at SIPS.



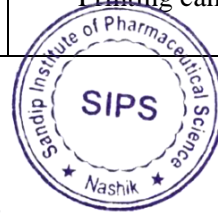





Dr. Yogi Gandhi sir lighting the lamp for the Saraswathi pooja.




Principal Sir giving insights on how 3D Printing can be considered in Pharmacy education



  
Event Co-Ordinator  
Dr Aman Suresh T

  
IQAC Coordinator  
Dr. Marina D'souza

  
Principal  
Prof. (Dr. ) Laxmikant B. Borse

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