

**Advanced Centre for Treatment, Research & Education in Cancer**

# Applications of 3D Printing & Bio-printing in Cancer care

**Patron**  
Dr. Pankaj Chaturvedi

**Monday, 1st July 2024**

*Registration free  
but mandatory  
before 15<sup>th</sup> June 2024*

**Chairpersons**  
Dr. Prasanna V.  
Dr. Navin Khattry

**CME  
Points**

## Program Overview



<b>10.00 am - 10.15 am</b>	<b>Inauguration</b> Dr. Pankaj Chaturvedi, Director, ACTREC Dr. Prasanna Venkatraman, Deputy Director, CRI Dr. Navin Khattry, Deputy Director, CRC
10.15 – 10.30 am	Dr. Vani Parmar, <i>Past PI 3D Printing lab, ACTREC; Chief, Breast Surgical Oncology, HNCII, Mumbai.</i>
10.30 – 10.50 am	Mr. Vikas Garg, <i>CEO, Prayasta 3D Inventions Pvt Ltd., Bangalore.</i>
10.50 – 11.35 am	Dr. Shayanti Mukherjee, <i>Head, Translation Tissue Engineering Lab, HIMR, Monash University, Melbourne, Australia.</i>
11.35 – 12.00 am	Dr. Vinod Kadam, <i>Senior Scientist, ICAR-Central Sheep &amp; Wool Research Institute, Tonk, Rajasthan.</i>
12 pm onwards	Lab visits      *3D Facility at CRI *RRS Clinical Ward

**Who Should Attend?**

*Clinicians, Surgeons & Scientists*

*Teachers & Students from*

- *Dental & Medical Colleges.*
- *Health Science & Life Science.*
- *Basic Science, Engineering & Pharmacy.*

**Scientific Advisory Committee:**

- *Dr. Shayanti Mukherjee, Head, Translation Tissue Engg. Lab, Hudson Institute & Monash University, Australia*
- *Dr. Jyoti Kode, PI Kode Lab, ACTREC*
- *Dr. Deepa Nair, Surgical Oncology, ACTREC*
- *Dr. Arjun Singh, Surgical Oncology, ACTREC*

**Topics**

- *Tissue Engineering*
- *3D Biological Construct*
- *3D Printing & Bio printing*
- *Regenerative Medicine*

**Organizing Committee:**

- *Secretary – Mr. Akshay Bhavke, 3D Facility, ACTREC*  
① 9702933669 , ✉ 3dprinting.lab@actrec.gov.in
- *Event Co-ordinator - Dr. Ojaswini Upasani, ACTREC*

**Venue:- KS Auditorium, Khanolkar Shodhika, ACTREC, Kharghar, Navi Mumbai**

Registration Link:- <https://forms.gle/hzyJPKsFfKqaitFT8>



## About the symposium on



# “Application of 3D Printing and Bio printing in Cancer Care”

The 3D Facility, ACTREC, has been actively engaged in designing and 3D printing of brachytherapy applicators, surface molds, surgical guides, DICOM-based simulation models, and vaginal and rectal dilators. All the above mentioned projects have positively impacted patient treatment and improved cost-effectiveness.

Now, we are excited to announce an enlightening symposium on the "Application of 3D Printing and Bioprinting in Cancer Care" which forms a part of the DAE Platinum Jubilee Celebrations. This event will be held on 1<sup>st</sup> July 2024 at 10am, in Tata Memorial Centre, ACTREC, Kharghar.

The symposium will feature a series of presentations by leading experts in the field, covering frontline topics viz. Tissue Engineering, Regenerative Medicine, 3D Biological Constructs, 3D Printing and Bioprinting.

This symposium will provide invaluable insights into the revolutionary advancements and applications of 3D printing and bioprinting technologies in cancer care, offering a glimpse into the future of medical science and treatment methodologies.

In addition to the presentations, there will be a half-hour lab visit where attendees can witness the practical applications and ongoing research in this cutting-edge field. This demonstration aims to enhance understanding and inspire further interest and innovation among participants.