

# TRIVIMA

## PRECISION BIOPRINTING ASSURED.

At Next Big Innovation Labs®, we use our Bioprinting technology to create human skin. We understand the engineering has to work for the biotechnology and the biomaterials. This core guiding principle drives us to work closely with our customers to develop customised bioprinters that are upgradable from the moment of purchase.

Our impeccable engineering and scientific advisory team, who have worked with multiple biomaterials and have troubleshot complex engineering hurdles, will guide you through each and every step of your bioprinting process and work closely with you to fine tune complex scaffold architectures, suggest suitable biomaterials and even help you trouble-shoot specific steps in your bioprinting protocols.

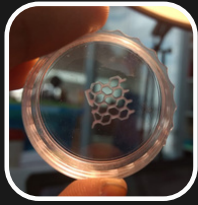
Being an Indian company, we proudly Make in India and ensure the highest of quality in each and every 3D bioprinter that is installed in the country. We understand funding in India and work closely with our partners to ensure the bioprinters are customised at an economical price point, without compromising on quality and service.

We do not only sell bioprinters but look to collaborate with you, train you and ensure your bioprinting outcomes are met. WITH TRIVIMA YOU ARE NOT JUST PROCURING A BIOPRINTER, YOU ARE GAINING AN EXPERIENCED PARTNER FOR YOUR BIOPRINTING RESEARCH.

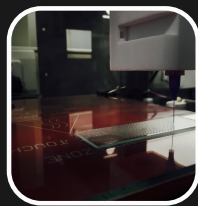
## Our Partners



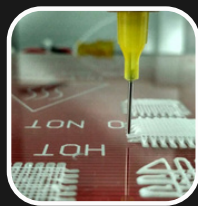
# Applications of Trivima Bioprinters



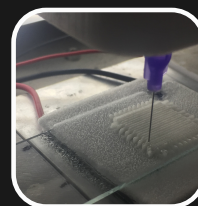
Polycaprolactone has been used widely for various tissue engineering purposes. An optimised mix of polycaprolactone and gelatin based bioink was effectively printed using Trivima.



Trivima's bioprinting technology has been deployed to print pure synthetic polymers such as PLCL. The prints were only a few millimeters thin and were used by researchers for wound healing studies.



Bioceramics such as Beta TCP are difficult to print in a slurry state. With Trivima's unique temperature control technology, scaffolds that were 2 centimeters in height were achieved.



Always taunted as a difficult biomaterial to print, our scientists have been able to successfully bioprint using collagen based biomaterials with effective crosslinking strategies and temperature control.



The UV and Visible Light modules in Trivima are developed in-house and have been tested extensively. Trivima's UV modules have been used to bioprint GELMA based hydrogels for skin based applications.



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