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IIT Delhi startup Fabiosys Innovations develops tech for antiviral fabric

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Fabium destroys ~ 99.9 per cent of the bacteria and viruses within 30 minutes



Fabiosys Innovations, a deep-tech healthcare startup incubated at IIT Delhi, has developed an extremely affordable high-performance medical textile Fabium, which destroys ~ 99.9 per cent of the bacteria and viruses within 30 minutes.

Fabium is developed using a technology called Hi-PAT, which makes it highly effective against bacteria, viruses, and fungi. Fabium starts working within seconds of contact with the pathogens and destroys ~ 99.9 per cent of them within 30 minutes.

The team has completed large scale manufacturing trials in collaboration with a textile industry partner in the Delhi-NCR region to ensure that the large scale fabric manufacturing can be done while maintaining its high efficiency and affordability.

Fabium can be made with any kind of fabric: Natural or Synthetic; Woven, Non-woven or knitted. One of the major USPs of Fabium is its natural colour, which is 100 per cent white making it suitable for further dyeing, printing, embroidery, and other kinds of designing.