

# We only provide technologies and solutions that would benefit our customers



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3D Printing is paving big ways into the industry. It helps companies not just build parts for physical product design, testing, and validation, but production grade industrial 3D printers of today also enable companies build parts for end-use applications. Augmented Reality, and Industrial Internet-of-Things are also catching up with the industry, taking them closer to Smart manufacturing and Industry 4.0 implementation, reveals Vikas Khanvelkar, CMD, Design Tech Systems in a one-to-one with Machine Tools World. DesignTech Systems is a leading provider of solutions in CAD/CAM/CAE, PLM, AM and allied engineering services. Excerpts:

**Q. Please brief us about Design Tech's Indian and global reach?**

DesignTech Systems provides technologies and services at every stage of the product life cycle right from concept

development, product design validation and analysis, 3D printing, tooling, to manufacturing. We partner with the industry leaders in Product Development and PLM technologies such as PTC, Altair

Engineering, Stratasys, Toray, Bentley, ESI, MathWorks, and many more. Through our Engineering Services division, we work closely with the mechanical engineering industry and companies across verticals

# ● DesignTech

*Technology for designing the future*

domains in India and overseas on their product engineering initiatives. We have offices in Singapore and Germany, and together we cater to more than 2000 customers.

## **Q. Please also highlight the latest initiatives in CAD-CAM industry domain?**

3D Printing is paving big ways into the industry. 3D Printing helps companies not just build parts for physical product design, testing, and validation, but production grade industrial 3D printers of today also enable companies build parts for end-use applications. 3D Printing technologies are being increasingly adopted by diverse industry segments right from Automotive, Aerospace, Consumer Goods, to Medical Devices, and Medical surgery planning.

Augmented Reality, and Industrial Internet-of-Things are also catching up with the industry, taking them closer to Smart manufacturing and Industry 4.0 implementation.

Product design analysis and simulation i.e. CAE has become an integral part of product development. Companies are adopting simulation and analysis at early stages of design cycle, which is helping them build robust products in lesser time and costs. Advanced CAE solutions are driving this change, making simulation driven design a standard for products development.

## **Q. What are the market opportunities for your company's products in India?**

Augmented Reality and IoT have tremendous potential and these technologies are going to open up

big new opportunities for companies providing these technologies and services.

As the Indian industry is adopting increased digitalization of their processes, operations, and manufacturing functions, setting new precedent in Modern Manufacturing, this is a trend that companies providing complementary technologies and services need to identify and capitalize on.

## **Q. What is future prospect for CAD-CAM industry?**

CAD/CAM industry needs to adapt and evolve their technologies and services offerings as per changing market dynamics. They need to provide technologies and solutions that companies are looking for in their objective to go 'Digital'. CAD/CAM Solution vendors have started shifting to Cloud based subscription model to customers. This brings one time investment down and provides flexibility. Indian customers may slowly accept this practice.

## **Q. Is there any plan for expansion and new investment in terms of product development or new technology adoption to cater to the demand of the industry?**

Yes, we at DesignTech are constantly adapting as per the changing industry trends. We now provide Augmented Reality and Mixed Reality Experiences Services. It helps companies in carrying out detailed Design Review, products operations training and learning, enhanced virtual products demonstration, and step-by-step visual troubleshooting guidance. We are also building IoT implementation capabilities. We are making necessary investments in building

knowledge, technology, and infrastructure and personnel development to be able to provide best-in-class services to enable our customers adopt Industry 4.0 and leverage the same for their growth.

## **Q. What is the top-of-the-line product range? Any new product lunch is in the anvil?**

All the technologies that we provide are top class. We only provide technologies and solutions that we ourselves believe in and are confident would benefit our customers immensely to achieve their product development objectives. This is why we have partnered with the industry leaders. For e.g. – Stratasys is a world renowned 3D Printing solutions manufacturing company that provides a wide range of 3D Printers right from desktop 3D Printers to Industrial grade production machines, Altair CAE solutions are proven and recognized by the global industry, PTC provides cutting edge Product design, PLM, Augmented Reality and IoT solutions, MathWorks is an industry leader in their segment, etc.

## **Q. What is your vision for Design Tech?**

Vision for our company is to become a preferred Technologies, Services, and Training Partner for the mechanical engineering industry in India. We want to keep expanding our offerings portfolio, and always maintain a customer-oriented approach to understand their challenges and offer them solutions that generate highest possible ROI for them.

*For more information,*

*Website: [www.designtechsys.com](http://www.designtechsys.com)*

*[www.designtechproducts.com](http://www.designtechproducts.com)*