



Newsletter

Spring, 2021

ENGINEERING ANSWERS through TESTING & ANALYSIS

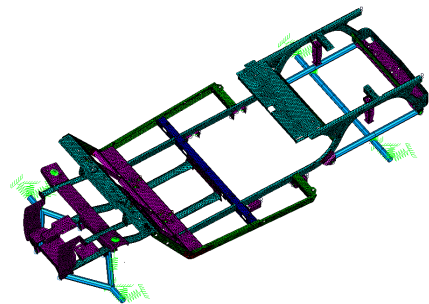
In this business you have to get your hands dirty. From the test lab to ocean oil platforms, underground mines, and everywhere in between - we collect, analyze and interpret the data to drive simulation and provide answers to complex and costly mechanical engineering challenges.



Is Your FEA Meeting Expectations?

The accurate simulation of the structural behavior of a complex product requires much more than a colorful FEA model. For the model to be genuinely useful, other considerations requiring experience must be factored in.

6D has been performing structural Finite Element Analysis since the 1970s. Let us show you how we can help improve FEA model integrity.



[Learn More](#)

Case Study: Remote Assisted Testing

Caterpillar developed a series of base frames for its C13-C18 GC range of gensets. Because of travel restrictions brought on by the COVID pandemic, Caterpillar engineers were unable to travel from Europe to Holt Manufacturing's Corpus Christi, Texas facility to validate the system. 6D's remote assisted testing services provided the answer.



Going 1-on-1 With: Steve Biel

Steve is a professional engineer with nearly twenty-five years of design, analysis, testing, and project management experience in the automotive, machine tool and consumer product industries.

Steve provides engineering and finite element analysis expertise to clients in the areas of design, development and testing.

Learn more about Steve in this brief interview.



Read the Interview

Welcome Aboard!

6D welcomes Prutha Deshmukh to the team as a project engineer specializing in structural dynamics and vibration. Prutha earned a Bachelor's in Mechanical Engineering from University of Pune and completed her Master's in Mechanical Engineering at the University of Cincinnati.

Prutha's thesis was based on studying mode shapes and damage detection using digital image correlation (optical vibration measurement technique). She served as a co-op at 6D prior to joining the company on a full-time basis.



From our Video Library



[6D in 60 Seconds](#)



[Remote Assisted Testing](#)

Connect with 6D!

Read and watch our latest company news and get a few practical tech tips along the way. Follow the links below to check us out!

IN CASE YOU **MISSED IT**

Blast From the Past...

[Durability Testing for Off Highway and Specialty Vehicles](#)

[Unattended Testing](#) monitors equipment around-the-clock ensuring that all events are captured and analyzed.

View all newsletters [here](#)